POWERTECH (USA) INC.

APPENDIX 3.6-C

SITE-SPECIFIC WIND ANALYSIS

POWERTECH (USA) INC.

APPENDIX 3.6-C
SITE-SPECIFIC WIND ANALYSIS

Station ID: 1 Run ID:
Year: 2007 2008
Date Range: July 2007–July 2008
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000345	0.000115	0.000000	0.000000	0.000000	0.000000	0.000459
11.25 - 33.75	0.002526	0.000804	0.000459	0.000115	0.000000	0.000000	0.003904
33.75 - 56.25	0.012517	0.003790	0.003790	0.000804	0.000230	0.000230	0.021360
56.25 - 78.75	0.028250	0.016996	0.021475	0.003330	0.000459	0.000000	0.070510
78.75 - 101.25	0.057074	0.037322	0.018489	0.001263	0.000000	0.000000	0.114148
101.25 - 123.75	0.069936	0.025609	0.011713	0.000000	0.000000	0.000000	0.107258
123.75 - 146.25	0.070740	0.022738	0.007350	0.000115	0.000115	0.000000	0.101056
146.25 - 168.75	0.071199	0.015618	0.001378	0.000345	0.000000	0.000000	0.088539
168.75 - 191.25	0.057533	0.004364	0.000459	0.000230	0.000000	0.000000	0.062586
191.25 - 213.75	0.035829	0.004364	0.000345	0.000115	0.000000	0.000000	0.040652
213.75 - 236.25	0.035140	0.005397	0.002182	0.001034	0.000000	0.000000	0.043753
236.25 - 258.75	0.030202	0.006890	0.004593	0.001493	0.000115	0.000000	0.043294
258.75 - 281.25	0.032269	0.014469	0.004364	0.001952	0.000000	0.000000	0.053055
281.25 - 303.75	0.027905	0.034566	0.019982	0.002986	0.000000	0.000000	0.085439
303.75 - 326.25	0.017570	0.040652	0.052710	0.015962	0.000230	0.000000	0.127124
326.25 - 348.75	0.004364	0.006546	0.006775	0.001263	0.000115	0.000000	0.019063
Sub-Total:	0.553399	0.240239	0.156063	0.031006	0.001263	0.000230	0.973702
Calms:							0.017646
Missing/Incomplete:							0.008652
Total:							1.000000

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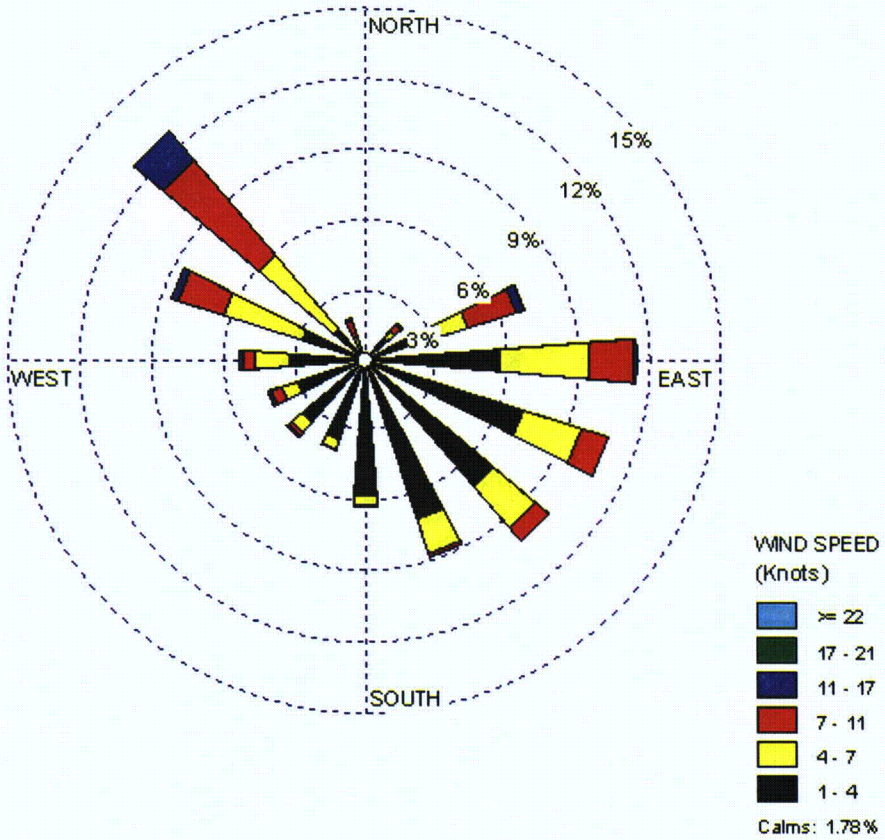
Frequency of Calm Winds: 1.78%
Average Wind Speed: 4.38 Knots



POWERTECH (USA) INC.

JANUARY

Station ID: 1 Run ID:
Year: 2008
Date Range: Jan 1 - Jan 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.001344	0.000000	0.000000	0.000000	0.000000	0.000000	0.001344
11.25 - 33.75	0.009409	0.000000	0.000000	0.000000	0.000000	0.000000	0.009409
33.75 - 56.25	0.028226	0.000000	0.000000	0.000000	0.000000	0.000000	0.028226
56.25 - 78.75	0.032258	0.006720	0.000000	0.000000	0.000000	0.000000	0.038978
78.75 - 101.25	0.075269	0.010753	0.000000	0.000000	0.000000	0.000000	0.086022
101.25 - 123.75	0.086022	0.004032	0.000000	0.000000	0.000000	0.000000	0.090054
123.75 - 146.25	0.123656	0.002688	0.000000	0.000000	0.000000	0.000000	0.126344
146.25 - 168.75	0.123656	0.001344	0.000000	0.000000	0.000000	0.000000	0.125000
168.75 - 191.25	0.057796	0.001344	0.000000	0.000000	0.000000	0.000000	0.059140
191.25 - 213.75	0.043011	0.001344	0.000000	0.000000	0.000000	0.000000	0.044355
213.75 - 236.25	0.026882	0.008065	0.004032	0.000000	0.000000	0.000000	0.038978
236.25 - 258.75	0.033602	0.002688	0.004032	0.000000	0.000000	0.000000	0.040323
258.75 - 281.25	0.040323	0.010753	0.002688	0.001344	0.000000	0.000000	0.055108

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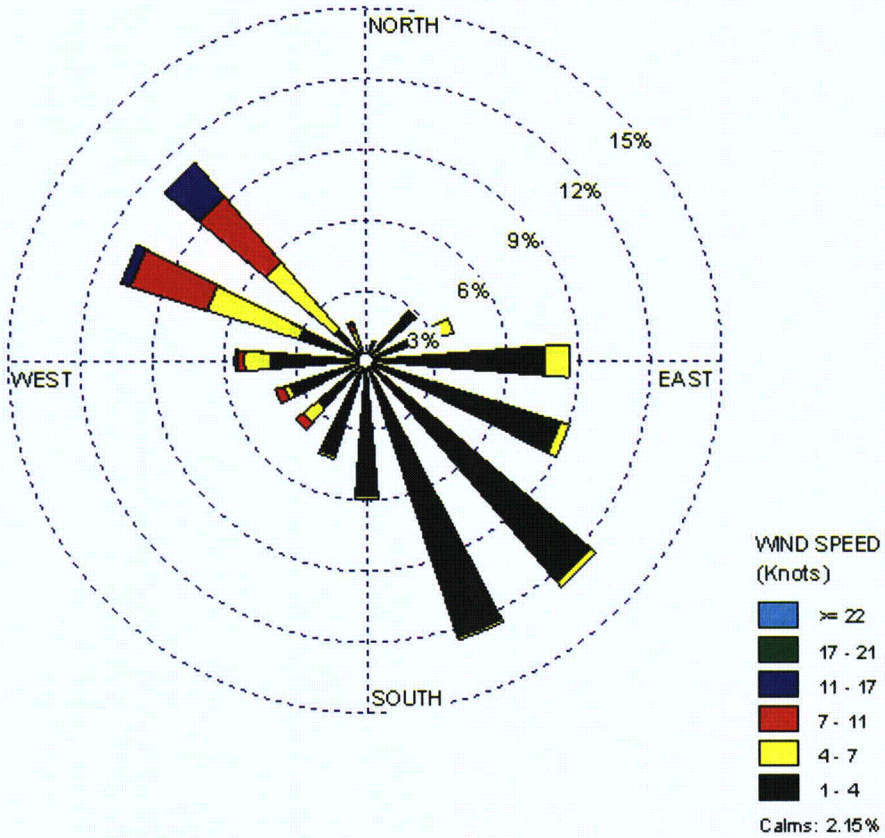
281.25 - 303.75	0.029570	0.040323	0.033602	0.004032	0.000000	0.000000
0.107527						
303.75 - 326.25	0.017473	0.037634	0.036290	0.018817	0.000000	0.000000
0.110215						
326.25 - 348.75	0.004032	0.009409	0.002688	0.001344	0.000000	0.000000
0.017473						
Sub-Total:	0.732527	0.137097	0.083333	0.025538	0.000000	0.000000
0.887805						
Calms:						0.019512
Missing/Incomplete:						0.092683
Total:						1.000000

Frequency of Calm Winds: 2.15%
Average Wind Speed: 3.38 Knots



POWERTECH (USA) INC.

FEBRUARY

Station ID: 1 Run ID:
Year: 2008
Date Range: Feb 1 - Feb 28
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.001493	0.000000	0.000000	0.000000	0.000000	0.000000	0.001493
11.25 - 33.75	0.001493	0.000000	0.000000	0.000000	0.000000	0.000000	0.001493
33.75 - 56.25	0.020896	0.000000	0.000000	0.000000	0.000000	0.000000	0.020896
56.25 - 78.75	0.044776	0.007463	0.000000	0.000000	0.000000	0.000000	0.052239
78.75 - 101.25	0.065672	0.008955	0.001493	0.000000	0.000000	0.000000	0.076119
101.25 - 123.75	0.086567	0.007463	0.000000	0.000000	0.000000	0.000000	0.094030
123.75 - 146.25	0.062687	0.016418	0.000000	0.000000	0.000000	0.000000	0.079104
146.25 - 168.75	0.061194	0.004478	0.000000	0.000000	0.000000	0.000000	0.065672
168.75 - 191.25	0.043284	0.002985	0.000000	0.000000	0.000000	0.000000	0.046269
191.25 - 213.75	0.017910	0.000000	0.000000	0.000000	0.000000	0.000000	0.017910
213.75 - 236.25	0.049254	0.002985	0.000000	0.000000	0.000000	0.000000	0.052239
236.25 - 258.75	0.031343	0.004478	0.000000	0.000000	0.000000	0.000000	0.035821
258.75 - 281.25	0.028358	0.008955	0.000000	0.000000	0.000000	0.000000	0.037313
281.25 - 303.75	0.053731	0.055224	0.022388	0.004478	0.000000	0.000000	0.135821
303.75 - 326.25	0.022388	0.082090	0.089552	0.020896	0.000000	0.000000	0.214925
326.25 - 348.75	0.007463	0.017910	0.017910	0.000000	0.000000	0.000000	0.043284
Sub-Total:	0.598507	0.219403	0.131343	0.025373	0.000000	0.000000	0.875335

Calms:
0.022788
Missing/Incomplete:
0.101877
Total:
1.000000

Frequency of Calm Winds: 2.54%
Average Wind Speed: 3.91 Knots

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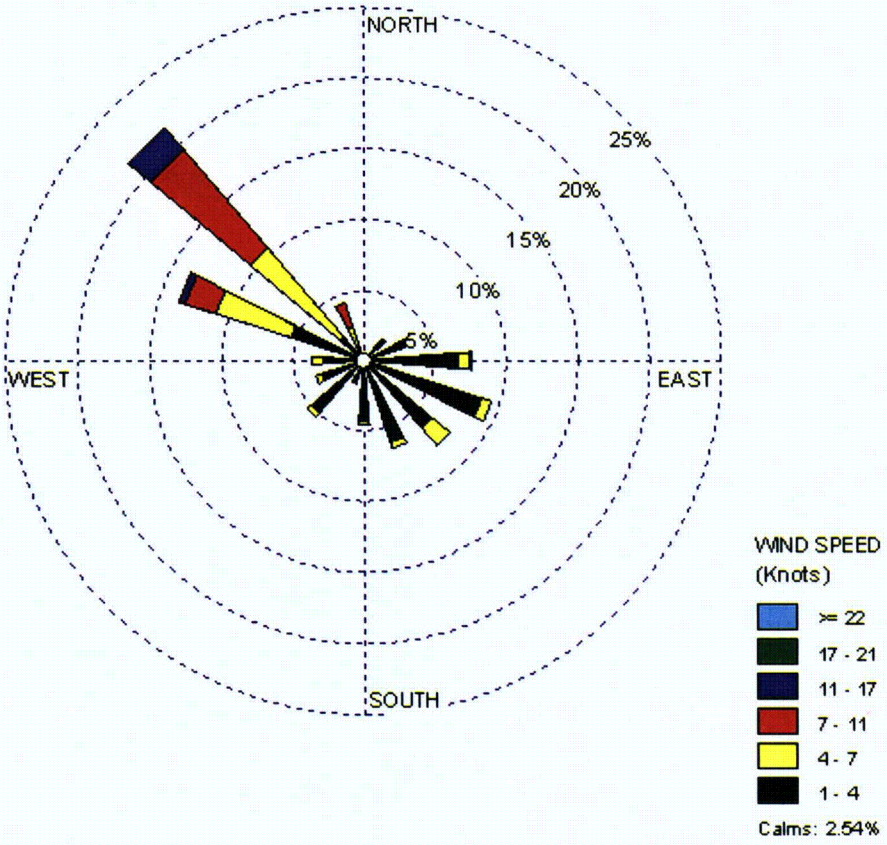


POWERTECH (USA) INC.

MARCH

Station ID: 1 Run ID:
Year: 2008
Date Range: Mar 1 - Mar 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

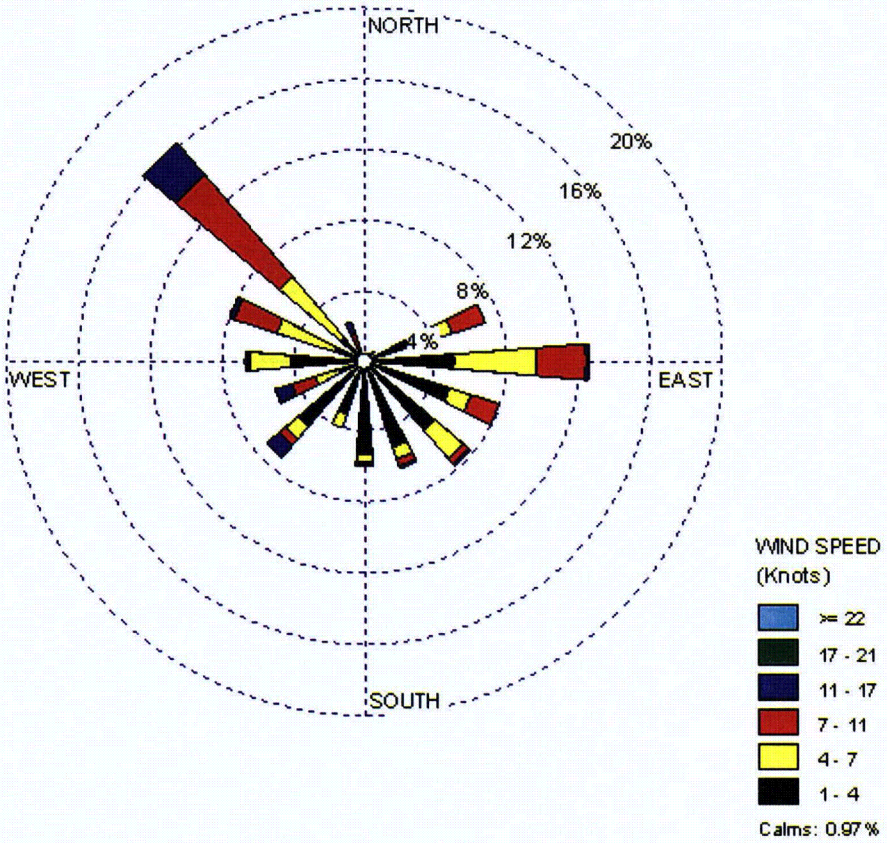
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.000000	0.000000	0.001389	0.000000	0.000000	0.000000	0.001389
33.75 - 56.25	0.019444	0.000000	0.004167	0.000000	0.000000	0.000000	0.023611
56.25 - 78.75	0.023611	0.020833	0.016667	0.000000	0.000000	0.000000	0.061111
78.75 - 101.25	0.040278	0.047222	0.027778	0.000000	0.000000	0.000000	0.115278
101.25 - 123.75	0.061111	0.030556	0.002778	0.000000	0.000000	0.000000	0.094444
123.75 - 146.25	0.047222	0.022222	0.000000	0.000000	0.000000	0.000000	0.069444
146.25 - 168.75	0.048611	0.013889	0.002778	0.000000	0.000000	0.000000	0.065278
168.75 - 191.25	0.047222	0.006944	0.000000	0.000000	0.000000	0.000000	0.054167
191.25 - 213.75	0.025000	0.005556	0.000000	0.001389	0.000000	0.000000	0.031944
213.75 - 236.25	0.020833	0.002778	0.002778	0.000000	0.000000	0.000000	0.026389
236.25 - 258.75	0.026389	0.008333	0.008333	0.002778	0.001389	0.000000	0.047222
258.75 - 281.25	0.030556	0.022222	0.008333	0.009722	0.000000	0.000000	0.070833
281.25 - 303.75	0.026389	0.036111	0.030556	0.005556	0.000000	0.000000	0.098611
303.75 - 326.25	0.037500	0.056944	0.080556	0.027778	0.000000	0.000000	0.202778
326.25 - 348.75	0.004167	0.008333	0.015278	0.001389	0.000000	0.000000	0.029167
Sub-Total:	0.458333	0.281944	0.201389	0.048611	0.001389	0.000000	0.896985

Calms:
0.007538
Missing/Incomplete:
0.095477
Total:
1.000000

Frequency of Calm Winds: 0.83%
Average Wind Speed: 5.04 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

APRIL

Station ID: 1 Run ID:
Year: 2008
Date Range: Apr 1 - Apr 30
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.001393	0.000000	0.000000	0.000000	0.000000	0.000000	0.001393
11.25 - 33.75	0.005571	0.000000	0.000000	0.000000	0.000000	0.000000	0.005571
33.75 - 56.25	0.005571	0.002786	0.000000	0.000000	0.000000	0.000000	0.008357
56.25 - 78.75	0.029248	0.022284	0.019499	0.000000	0.000000	0.000000	0.071031
78.75 - 101.25	0.050139	0.045961	0.027855	0.001393	0.000000	0.000000	0.125348
101.25 - 123.75	0.050139	0.012535	0.016713	0.000000	0.000000	0.000000	0.079387
123.75 - 146.25	0.051532	0.020891	0.004178	0.001393	0.000000	0.000000	0.077994
146.25 - 168.75	0.051532	0.006964	0.004178	0.001393	0.000000	0.000000	0.064067
168.75 - 191.25	0.052925	0.004178	0.001393	0.001393	0.000000	0.000000	0.059889
191.25 - 213.75	0.032033	0.008357	0.000000	0.000000	0.000000	0.000000	0.040390
213.75 - 236.25	0.048747	0.009749	0.004178	0.009749	0.000000	0.000000	0.072423
236.25 - 258.75	0.015320	0.013928	0.013928	0.009749	0.000000	0.000000	0.052925
258.75 - 281.25	0.041783	0.022284	0.001393	0.001393	0.000000	0.000000	0.066852
281.25 - 303.75	0.018106	0.033426	0.025070	0.002786	0.000000	0.000000	0.079387
303.75 - 326.25	0.018106	0.044568	0.075209	0.023677	0.000000	0.000000	0.161560
326.25 - 348.75	0.004178	0.002786	0.009749	0.006964	0.000000	0.000000	0.023677
Sub-Total:	0.476323	0.250696	0.203343	0.059889	0.000000	0.000000	0.895466

Calms:
0.008816
Missing/Incomplete:
0.095718
Total:
1.000000

Frequency of Calm Winds: 0.97%
Average Wind Speed: 5.17 Knots

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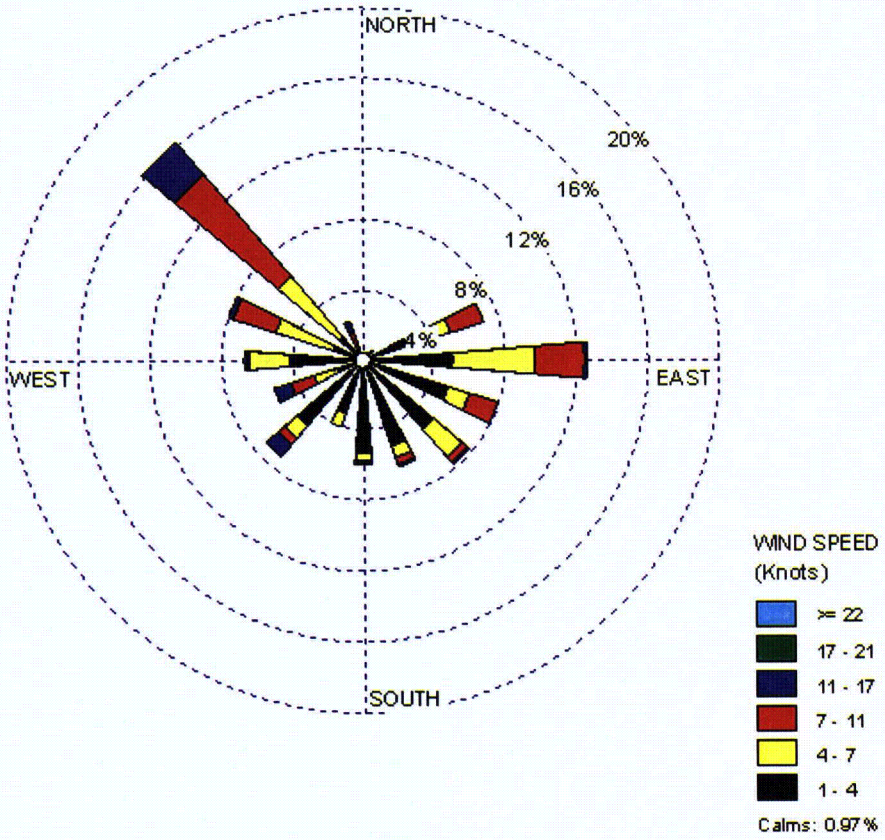


POWERTECH (USA) INC.

MAY

Station ID: 1 Run ID:
Year: 2008
Date Range: May 1 - May 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

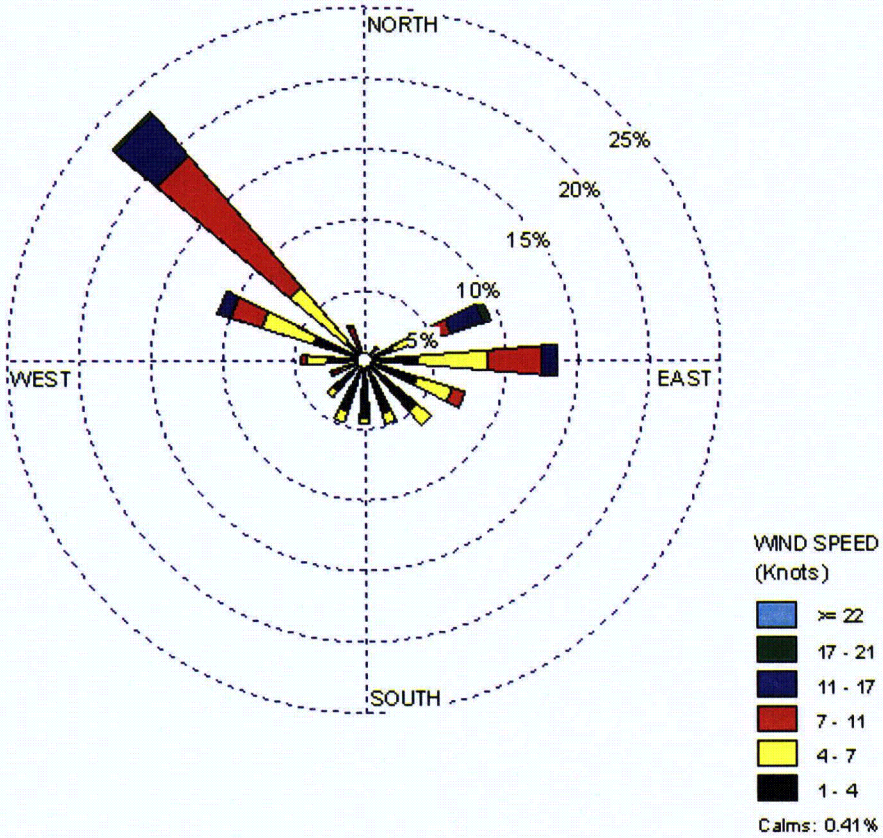
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.002703	0.001351	0.001351	0.000000	0.000000	0.000000	0.005405
33.75 - 56.25	0.001351	0.001351	0.001351	0.004054	0.002703	0.002703	0.013514
56.25 - 78.75	0.021622	0.012162	0.029730	0.024324	0.005405	0.000000	0.093243
78.75 - 101.25	0.037838	0.048649	0.037838	0.010811	0.000000	0.000000	0.135135
101.25 - 123.75	0.039189	0.025676	0.009459	0.000000	0.000000	0.000000	0.074324
123.75 - 146.25	0.048649	0.013514	0.000000	0.000000	0.000000	0.000000	0.062162
146.25 - 168.75	0.040541	0.008108	0.000000	0.000000	0.000000	0.000000	0.048649
168.75 - 191.25	0.041892	0.004054	0.000000	0.000000	0.000000	0.000000	0.045946
191.25 - 213.75	0.039189	0.008108	0.000000	0.000000	0.000000	0.000000	0.047297
213.75 - 236.25	0.029730	0.005405	0.000000	0.000000	0.000000	0.000000	0.035135
236.25 - 258.75	0.012162	0.006757	0.005405	0.001351	0.000000	0.000000	0.025676
258.75 - 281.25	0.025676	0.014865	0.004054	0.000000	0.000000	0.000000	0.044595
281.25 - 303.75	0.037838	0.037838	0.022973	0.009459	0.000000	0.000000	0.108108
303.75 - 326.25	0.017568	0.051351	0.120270	0.037838	0.002703	0.000000	0.229730
326.25 - 348.75	0.005405	0.004054	0.016216	0.000000	0.001351	0.000000	0.027027
Sub-Total:	0.401351	0.243243	0.248649	0.087838	0.012162	0.002703	0.903186

Calms:
0.003676
Missing/Incomplete:
0.093137
Total:
1.000000

Frequency of Calm Winds: 0.41%
Average Wind Speed: 6.00 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

JUNE

Station ID: 1 Run ID:
Year: 2008
Date Range: Jun 1 - Jun 30
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

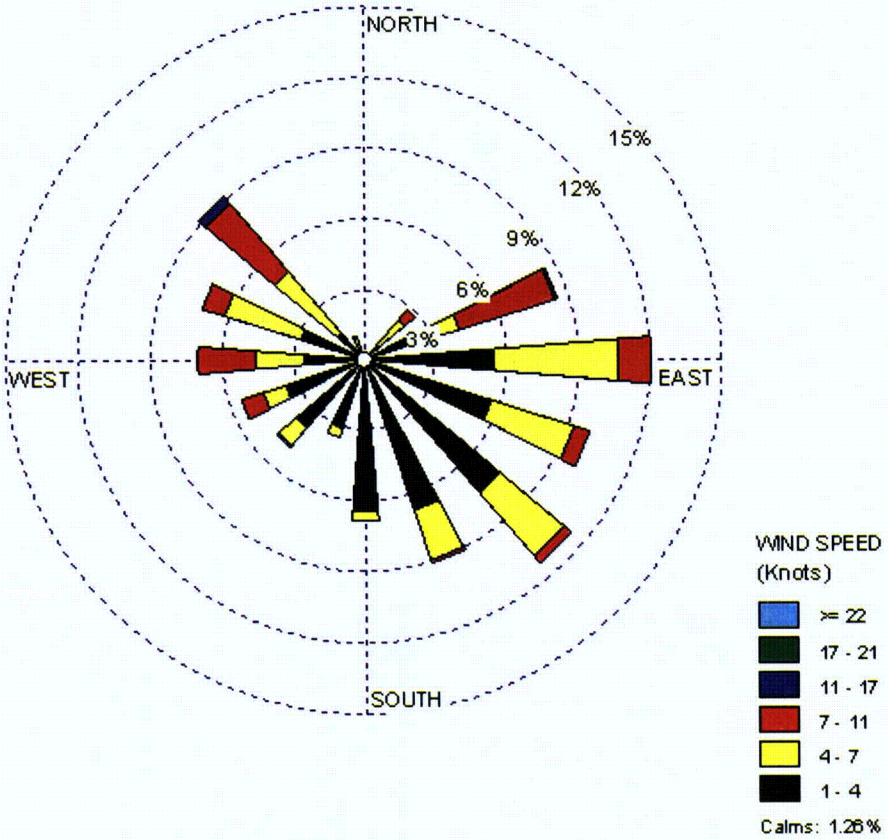
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.000000	0.001397	0.000000	0.000000	0.000000	0.000000	0.001397
33.75 - 56.25	0.008380	0.013966	0.005587	0.000000	0.000000	0.000000	0.027933
56.25 - 78.75	0.023743	0.018156	0.041899	0.001397	0.000000	0.000000	0.085196
78.75 - 101.25	0.054469	0.051676	0.013966	0.000000	0.000000	0.000000	0.120112
101.25 - 123.75	0.055866	0.036313	0.006983	0.000000	0.000000	0.000000	0.099162
123.75 - 146.25	0.074022	0.034916	0.004190	0.000000	0.000000	0.000000	0.113128
146.25 - 168.75	0.067039	0.022346	0.001397	0.000000	0.000000	0.000000	0.090782
168.75 - 191.25	0.064246	0.004190	0.000000	0.000000	0.000000	0.000000	0.068436
191.25 - 213.75	0.030726	0.004190	0.000000	0.000000	0.000000	0.000000	0.034916
213.75 - 236.25	0.037709	0.009777	0.000000	0.001397	0.000000	0.000000	0.048883
236.25 - 258.75	0.034916	0.009777	0.009777	0.000000	0.000000	0.000000	0.054469
258.75 - 281.25	0.025140	0.020950	0.023743	0.000000	0.000000	0.000000	0.069832
281.25 - 303.75	0.027933	0.033520	0.009777	0.000000	0.000000	0.000000	0.071229
303.75 - 326.25	0.015363	0.033520	0.037709	0.004190	0.000000	0.000000	0.090782
326.25 - 348.75	0.000000	0.009777	0.001397	0.000000	0.000000	0.000000	0.011173
Sub-Total:	0.519553	0.304469	0.156425	0.006983	0.000000	0.000000	0.892677

Calms:
0.011364
Missing/Incomplete:
0.095960
Total:
1.000000

Frequency of Calm Winds: 1.26%
Average Wind Speed: 4.45 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

JULY

Station ID: 1 Run ID:
Year: 2007
Date Range: Jul 1 - Jul 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

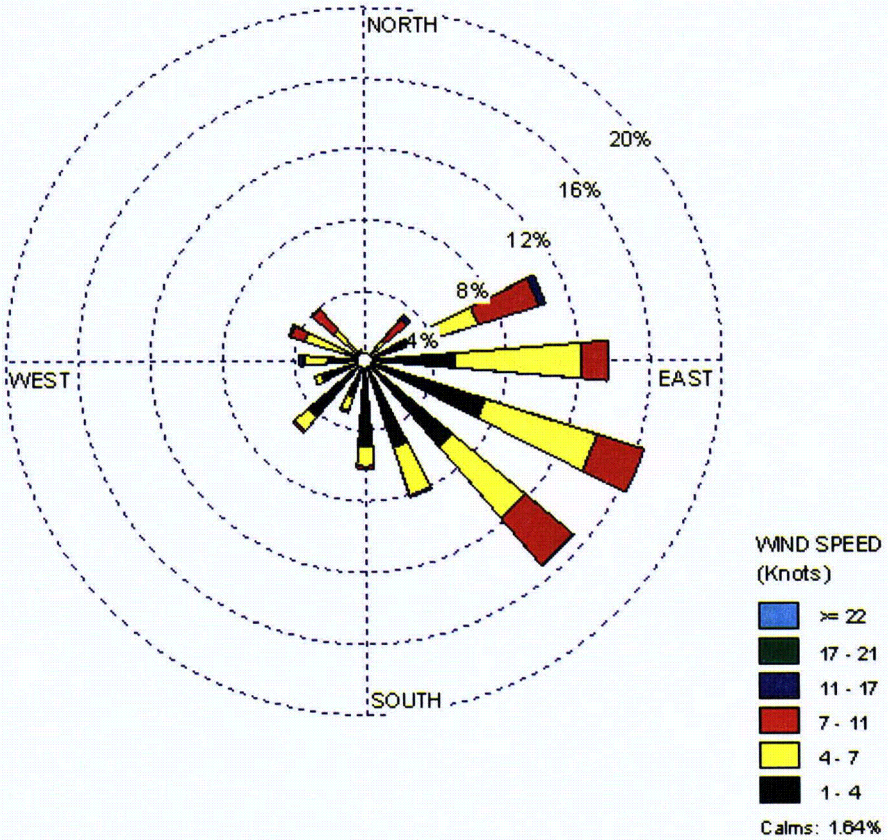
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.000000	0.001364	0.001364	0.001364	0.000000	0.000000	0.004093
33.75 - 56.25	0.005457	0.009550	0.016371	0.002729	0.000000	0.000000	0.034106
56.25 - 78.75	0.031378	0.035471	0.035471	0.004093	0.000000	0.000000	0.106412
78.75 - 101.25	0.050477	0.070941	0.015007	0.000000	0.000000	0.000000	0.136426
101.25 - 123.75	0.070941	0.065484	0.027285	0.000000	0.000000	0.000000	0.163711
123.75 - 146.25	0.064120	0.053206	0.034106	0.000000	0.001364	0.000000	0.152797
146.25 - 168.75	0.051842	0.028649	0.000000	0.001364	0.000000	0.000000	0.081855
168.75 - 191.25	0.049113	0.010914	0.001364	0.000000	0.000000	0.000000	0.061392
191.25 - 213.75	0.021828	0.008186	0.001364	0.000000	0.000000	0.000000	0.031378
213.75 - 236.25	0.042292	0.009550	0.001364	0.000000	0.000000	0.000000	0.053206
236.25 - 258.75	0.025921	0.004093	0.000000	0.000000	0.000000	0.000000	0.030014
258.75 - 281.25	0.020464	0.013643	0.001364	0.001364	0.000000	0.000000	0.036835
281.25 - 303.75	0.012278	0.023192	0.008186	0.001364	0.000000	0.000000	0.045020
303.75 - 326.25	0.006821	0.016371	0.015007	0.001364	0.000000	0.000000	0.039563
326.25 - 348.75	0.002729	0.000000	0.004093	0.000000	0.000000	0.000000	0.006821
Sub-Total:	0.455662	0.350614	0.162347	0.013643	0.001364	0.000000	0.891224

Calms:
0.014833
Missing/Incomplete:
0.093943
Total:
1.000000

Frequency of Calm Winds: 1.64%
Average Wind Speed: 4.66 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

AUGUST

Station ID: 1 Run ID:
Year: 2007
Date Range: Aug 1 - Aug 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

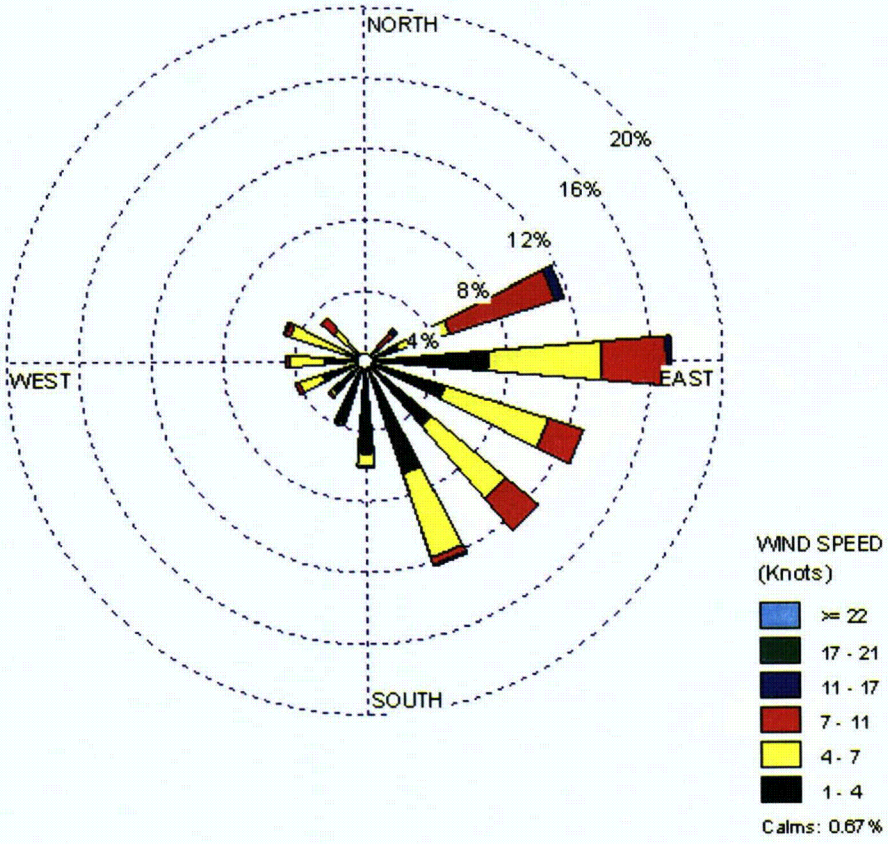
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.001346	0.001346	0.001346	0.000000	0.000000	0.000000	0.004038
33.75 - 56.25	0.005384	0.004038	0.012113	0.002692	0.000000	0.000000	0.024226
56.25 - 78.75	0.020188	0.029610	0.061911	0.005384	0.000000	0.000000	0.117093
78.75 - 101.25	0.068641	0.063257	0.036339	0.002692	0.000000	0.000000	0.170929
101.25 - 123.75	0.047106	0.060565	0.020188	0.000000	0.000000	0.000000	0.127860
123.75 - 146.25	0.048452	0.053836	0.024226	0.000000	0.000000	0.000000	0.126514
146.25 - 168.75	0.067295	0.049798	0.004038	0.001346	0.000000	0.000000	0.122476
168.75 - 191.25	0.052490	0.006729	0.001346	0.000000	0.000000	0.000000	0.060565
191.25 - 213.75	0.037685	0.001346	0.000000	0.000000	0.000000	0.000000	0.039031
213.75 - 236.25	0.024226	0.002692	0.001346	0.000000	0.000000	0.000000	0.028264
236.25 - 258.75	0.025572	0.013459	0.002692	0.000000	0.000000	0.000000	0.041723
258.75 - 281.25	0.022880	0.020188	0.001346	0.000000	0.000000	0.000000	0.044415
281.25 - 303.75	0.012113	0.032301	0.002692	0.001346	0.000000	0.000000	0.048452
303.75 - 326.25	0.008075	0.014805	0.009421	0.000000	0.000000	0.000000	0.032301
326.25 - 348.75	0.000000	0.001346	0.004038	0.000000	0.000000	0.000000	0.005384
Sub-Total:	0.441454	0.355316	0.183042	0.013459	0.000000	0.000000	0.901099

Calms:
0.006105
Missing/Incomplete:
0.092796
Total:
1.000000

Frequency of Calm Winds: 0.67%
Average Wind Speed: 4.85 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

SEPTEMBER

Station ID: 1 Run ID:
Year: 2007
Date Range: Sep 1 - Sep 30
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

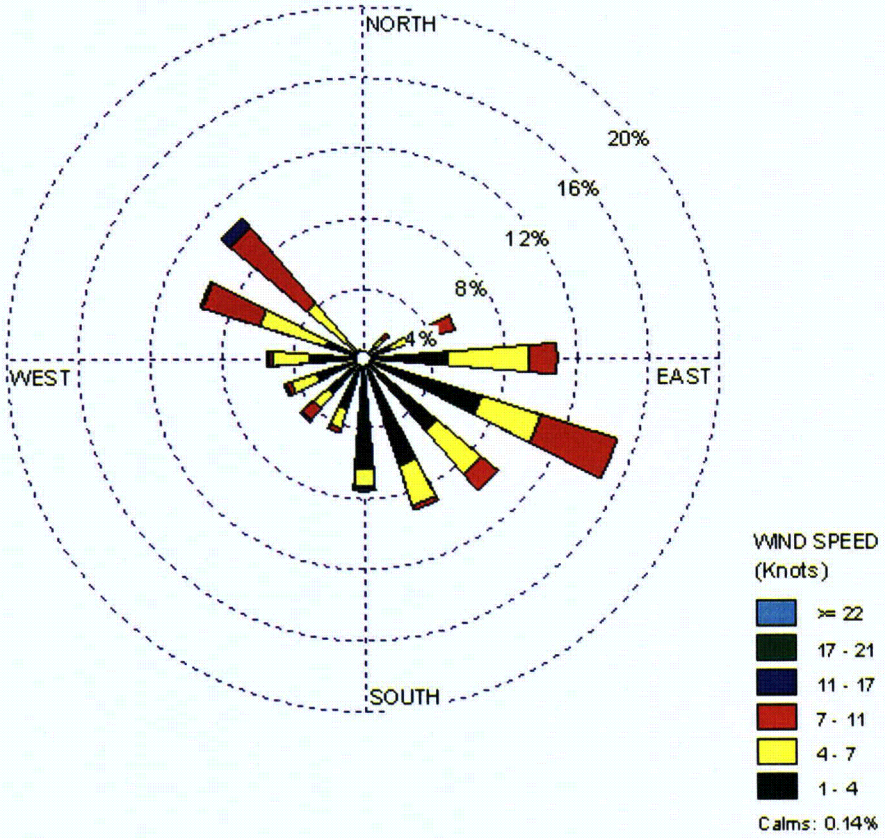
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.001395	0.000000	0.000000	0.000000	0.000000	0.000000	0.001395
33.75 - 56.25	0.009763	0.005579	0.004184	0.000000	0.000000	0.000000	0.019526
56.25 - 78.75	0.016736	0.026499	0.011158	0.000000	0.000000	0.000000	0.054393
78.75 - 101.25	0.047420	0.046025	0.015342	0.000000	0.000000	0.000000	0.108787
101.25 - 123.75	0.069735	0.034868	0.044630	0.000000	0.000000	0.000000	0.149233
123.75 - 146.25	0.054393	0.032078	0.012552	0.000000	0.000000	0.000000	0.099024
146.25 - 168.75	0.064156	0.023710	0.002789	0.000000	0.000000	0.000000	0.090656
168.75 - 191.25	0.062762	0.009763	0.001395	0.001395	0.000000	0.000000	0.075314
191.25 - 213.75	0.030683	0.011158	0.002789	0.000000	0.000000	0.000000	0.044630
213.75 - 236.25	0.026499	0.011158	0.008368	0.001395	0.000000	0.000000	0.047420
236.25 - 258.75	0.027894	0.015342	0.002789	0.001395	0.000000	0.000000	0.047420
258.75 - 281.25	0.030683	0.020921	0.001395	0.001395	0.000000	0.000000	0.054393
281.25 - 303.75	0.022315	0.039052	0.033473	0.001395	0.000000	0.000000	0.096234
303.75 - 326.25	0.006974	0.034868	0.055788	0.006974	0.000000	0.000000	0.104603
326.25 - 348.75	0.001395	0.001395	0.002789	0.000000	0.000000	0.000000	0.005579
Sub-Total:	0.472803	0.312413	0.199442	0.013947	0.000000	0.000000	0.902900

Calms:
0.001261
Missing/Incomplete:
0.095839
Total:
1.000000

Frequency of Calm Winds: 0.14%
Average Wind Speed: 4.76 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

OCTOBER

Station ID: 1 Run ID:
Year: 2007
Date Range: Oct 1 - Oct 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

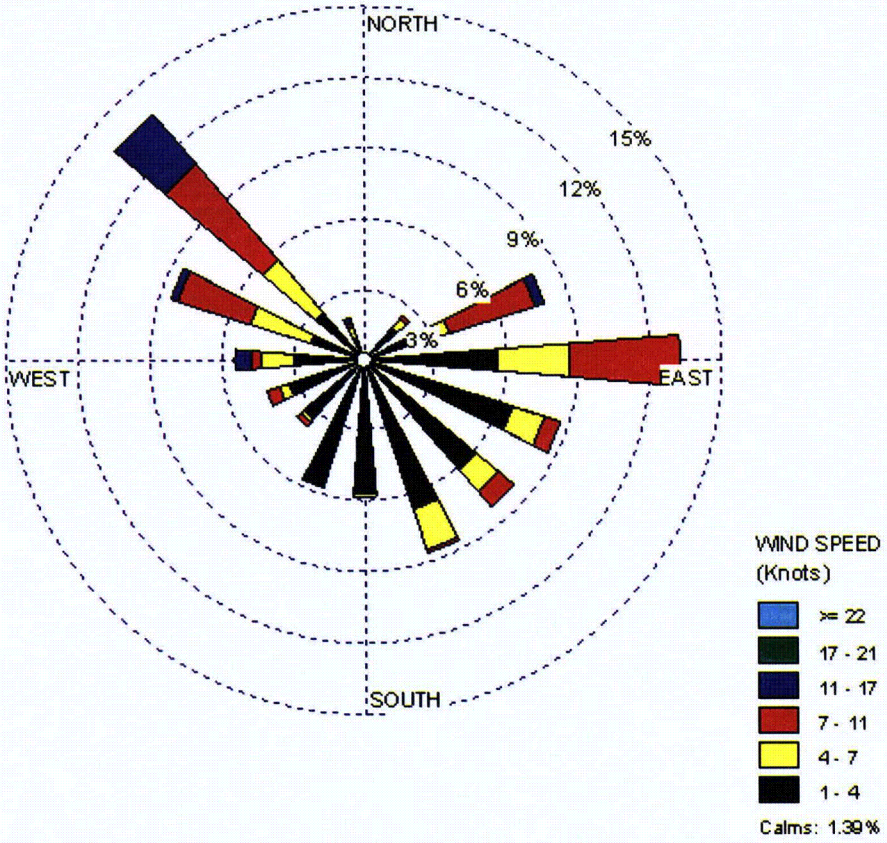
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.001391	0.000000	0.000000	0.000000	0.000000	0.001391
11.25 - 33.75	0.000000	0.002782	0.000000	0.000000	0.000000	0.000000	0.002782
33.75 - 56.25	0.018081	0.005563	0.001391	0.000000	0.000000	0.000000	0.025035
56.25 - 78.75	0.026426	0.011127	0.037552	0.004172	0.000000	0.000000	0.079277
78.75 - 101.25	0.055633	0.030598	0.045897	0.000000	0.000000	0.000000	0.132128
101.25 - 123.75	0.065369	0.013908	0.006954	0.000000	0.000000	0.000000	0.086231
123.75 - 146.25	0.061196	0.012517	0.008345	0.000000	0.000000	0.000000	0.082058
146.25 - 168.75	0.066759	0.018081	0.001391	0.000000	0.000000	0.000000	0.086231
168.75 - 191.25	0.057024	0.001391	0.000000	0.000000	0.000000	0.000000	0.058414
191.25 - 213.75	0.057024	0.000000	0.000000	0.000000	0.000000	0.000000	0.057024
213.75 - 236.25	0.033380	0.001391	0.002782	0.000000	0.000000	0.000000	0.037552
236.25 - 258.75	0.033380	0.004172	0.005563	0.000000	0.000000	0.000000	0.043115
258.75 - 281.25	0.029207	0.013908	0.004172	0.006954	0.000000	0.000000	0.054242
281.25 - 303.75	0.023644	0.026426	0.031989	0.002782	0.000000	0.000000	0.084840
303.75 - 326.25	0.026426	0.029207	0.052851	0.027816	0.000000	0.000000	0.136300
326.25 - 348.75	0.009736	0.005563	0.001391	0.002782	0.000000	0.000000	0.019471
Sub-Total:	0.563282	0.178025	0.200278	0.044506	0.000000	0.000000	0.891824

Calms:
0.012579
Missing/Incomplete:
0.095597
Total:
1.000000

Frequency of Calm Winds: 1.39%
Average Wind Speed: 4.62 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

NOVEMBER

Station ID: 1 Run ID:
Year: 2007
Date Range: Nov 1 - Nov 30
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

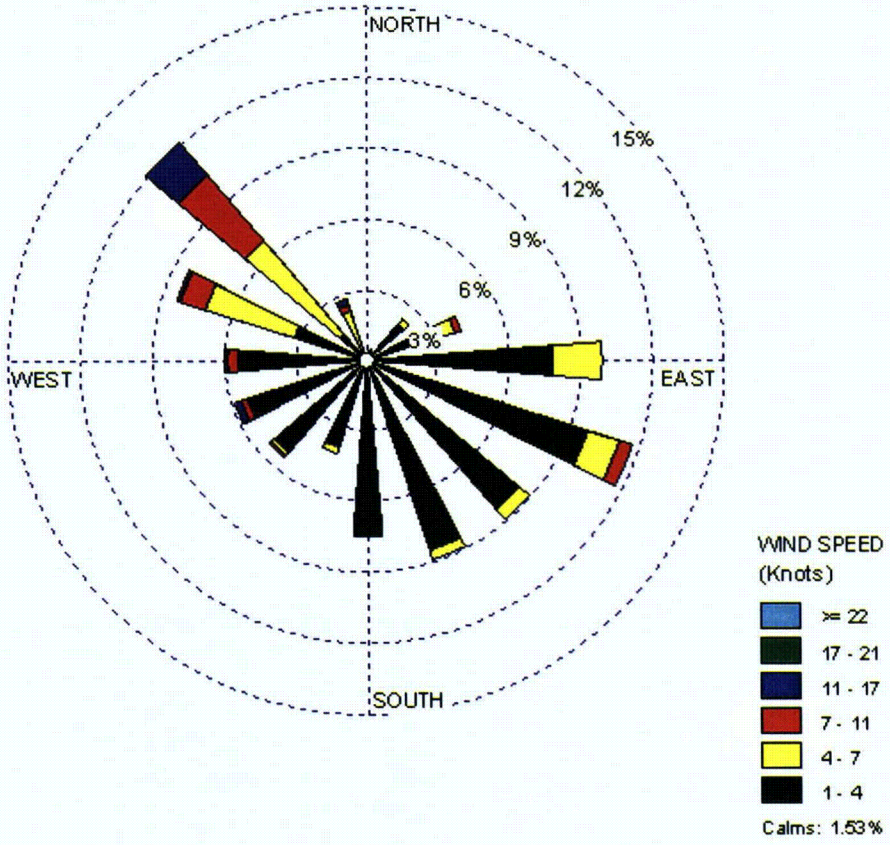
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.004167	0.001389	0.000000	0.000000	0.000000	0.000000	0.005556
33.75 - 56.25	0.020833	0.002778	0.000000	0.000000	0.000000	0.000000	0.023611
56.25 - 78.75	0.031944	0.006944	0.002778	0.000000	0.000000	0.000000	0.041667
78.75 - 101.25	0.077778	0.020833	0.000000	0.000000	0.000000	0.000000	0.098611
101.25 - 123.75	0.097222	0.013889	0.005556	0.000000	0.000000	0.000000	0.116667
123.75 - 146.25	0.083333	0.005556	0.000000	0.000000	0.000000	0.000000	0.088889
146.25 - 168.75	0.084722	0.004167	0.000000	0.000000	0.000000	0.000000	0.088889
168.75 - 191.25	0.075000	0.000000	0.000000	0.000000	0.000000	0.000000	0.075000
191.25 - 213.75	0.038889	0.002778	0.000000	0.000000	0.000000	0.000000	0.041667
213.75 - 236.25	0.051389	0.001389	0.001389	0.000000	0.000000	0.000000	0.054167
236.25 - 258.75	0.052778	0.000000	0.002778	0.002778	0.000000	0.000000	0.058333
258.75 - 281.25	0.052778	0.001389	0.004167	0.001389	0.000000	0.000000	0.059722
281.25 - 303.75	0.031944	0.038889	0.011111	0.001389	0.000000	0.000000	0.083333
303.75 - 326.25	0.015278	0.051389	0.036111	0.018056	0.000000	0.000000	0.120833
326.25 - 348.75	0.005556	0.016667	0.002778	0.002778	0.000000	0.000000	0.027778
Sub-Total:	0.723611	0.168056	0.066667	0.026389	0.000000	0.000000	0.890704

Calms:
0.013819
Missing/Incomplete:
0.095477
Total:
1.000000

Frequency of Calm Winds: 1.53%
Average Wind Speed: 3.36 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

DECEMBER

Station ID: 1 Run ID:
Year: 2007
Date Range: Dec 1 - Dec 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

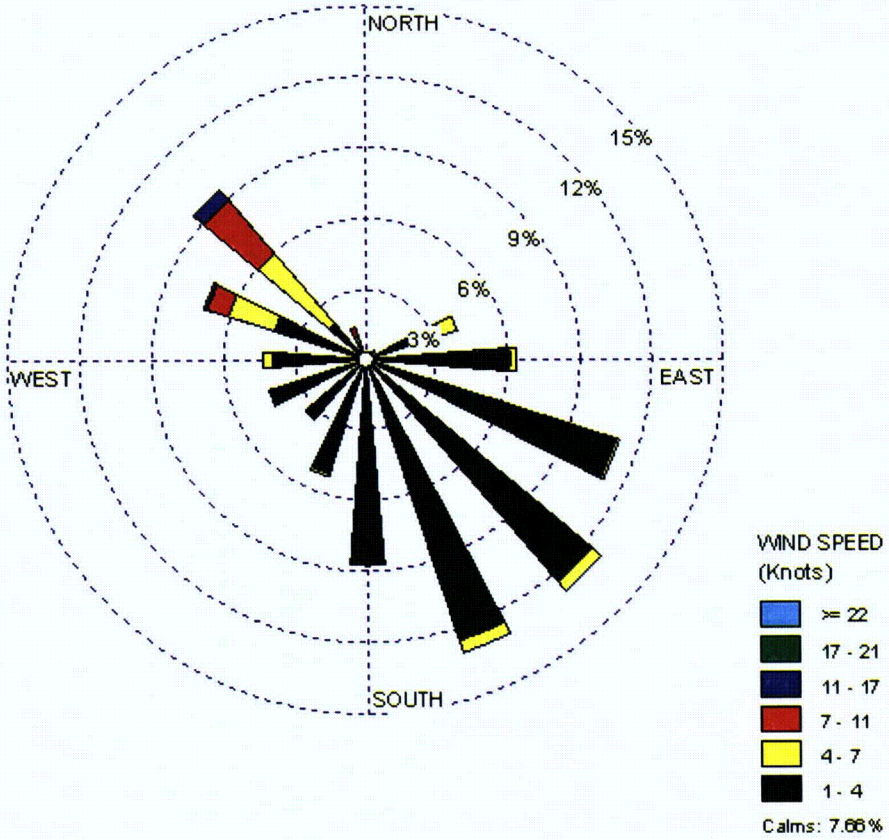
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.004032	0.000000	0.000000	0.000000	0.000000	0.000000	0.004032
33.75 - 56.25	0.005376	0.000000	0.000000	0.000000	0.000000	0.000000	0.005376
56.25 - 78.75	0.033602	0.006720	0.000000	0.000000	0.000000	0.000000	0.040323
78.75 - 101.25	0.060484	0.002688	0.000000	0.000000	0.000000	0.000000	0.063172
101.25 - 123.75	0.110215	0.001344	0.000000	0.000000	0.000000	0.000000	0.111559
123.75 - 146.25	0.123656	0.005376	0.000000	0.000000	0.000000	0.000000	0.129032
146.25 - 168.75	0.125000	0.005376	0.000000	0.000000	0.000000	0.000000	0.130376
168.75 - 191.25	0.087366	0.000000	0.000000	0.000000	0.000000	0.000000	0.087366
191.25 - 213.75	0.051075	0.001344	0.000000	0.000000	0.000000	0.000000	0.052419
213.75 - 236.25	0.033602	0.000000	0.000000	0.000000	0.000000	0.000000	0.033602
236.25 - 258.75	0.043011	0.000000	0.000000	0.000000	0.000000	0.000000	0.043011
258.75 - 281.25	0.038978	0.004032	0.000000	0.000000	0.000000	0.000000	0.043011
281.25 - 303.75	0.040323	0.020161	0.009409	0.001344	0.000000	0.000000	0.071237
303.75 - 326.25	0.020161	0.038978	0.029570	0.005376	0.000000	0.000000	0.094086
326.25 - 348.75	0.008065	0.002688	0.004032	0.000000	0.000000	0.000000	0.014785
Sub-Total:	0.784946	0.088710	0.043011	0.006720	0.000000	0.000000	0.837805

Calms:
0.069512
Missing/Incomplete:
0.092683
Total:
1.000000

Frequency of Calm Winds: 7.66%
Average Wind Speed: 2.46 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

WINTER

Station ID: 1 Run ID:
Year: 2007 2008
Date Range: Dec 2007-Feb 2008
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

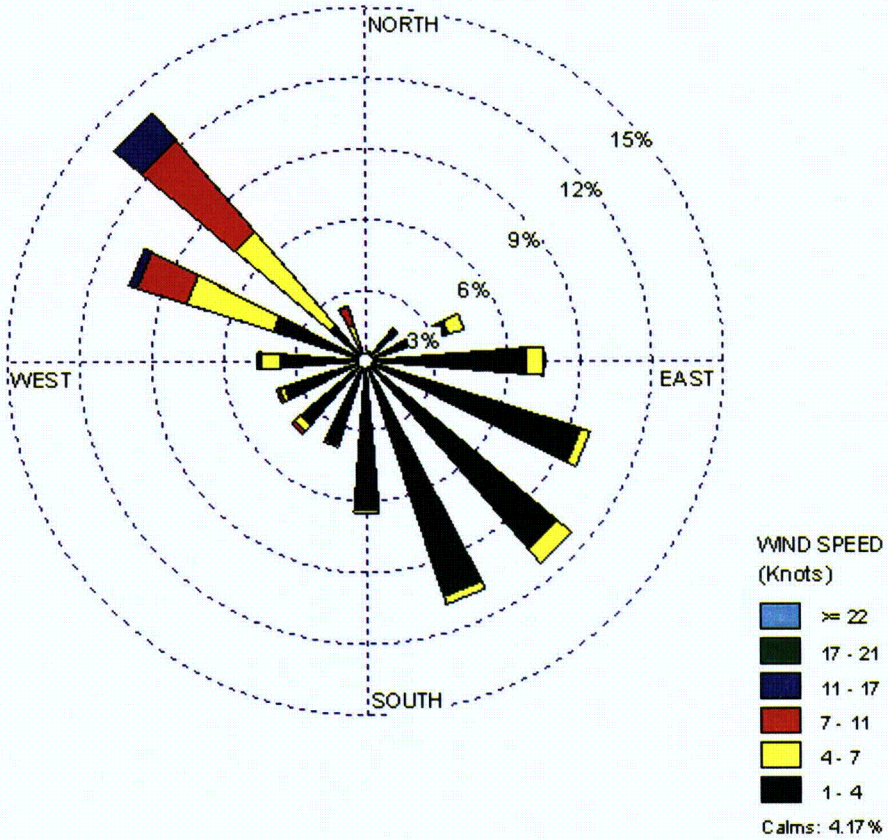
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000927	0.000000	0.000000	0.000000	0.000000	0.000000	0.000927
11.25 - 33.75	0.005097	0.000000	0.000000	0.000000	0.000000	0.000000	0.005097
33.75 - 56.25	0.018072	0.000000	0.000000	0.000000	0.000000	0.000000	0.018072
56.25 - 78.75	0.036608	0.006951	0.000000	0.000000	0.000000	0.000000	0.043559
78.75 - 101.25	0.067192	0.007414	0.000463	0.000000	0.000000	0.000000	0.075070
101.25 - 123.75	0.094532	0.004171	0.000000	0.000000	0.000000	0.000000	0.098703
123.75 - 146.25	0.104727	0.007878	0.000000	0.000000	0.000000	0.000000	0.112604
146.25 - 168.75	0.104727	0.003707	0.000000	0.000000	0.000000	0.000000	0.108434
168.75 - 191.25	0.063485	0.001390	0.000000	0.000000	0.000000	0.000000	0.064875
191.25 - 213.75	0.037998	0.000927	0.000000	0.000000	0.000000	0.000000	0.038925
213.75 - 236.25	0.036145	0.003707	0.001390	0.000000	0.000000	0.000000	0.041242
236.25 - 258.75	0.036145	0.002317	0.001390	0.000000	0.000000	0.000000	0.039852
258.75 - 281.25	0.036145	0.007878	0.000927	0.000463	0.000000	0.000000	0.045412
281.25 - 303.75	0.040778	0.037998	0.021779	0.003244	0.000000	0.000000	0.103800
303.75 - 326.25	0.019926	0.051900	0.050510	0.014829	0.000000	0.000000	0.137164
326.25 - 348.75	0.006487	0.009731	0.007878	0.000463	0.000000	0.000000	0.024560
Sub-Total:	0.708990	0.145968	0.084337	0.018999	0.000000	0.000000	0.925694

Calms:
0.040286
Missing/Incomplete:
0.034020
Total:
1.000000

Frequency of Calm Winds: 4.17%
Average Wind Speed: 3.23 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

SPRING

Station ID: 1 Run ID:
Year: 2008
Date Range: Mar 1 - May 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

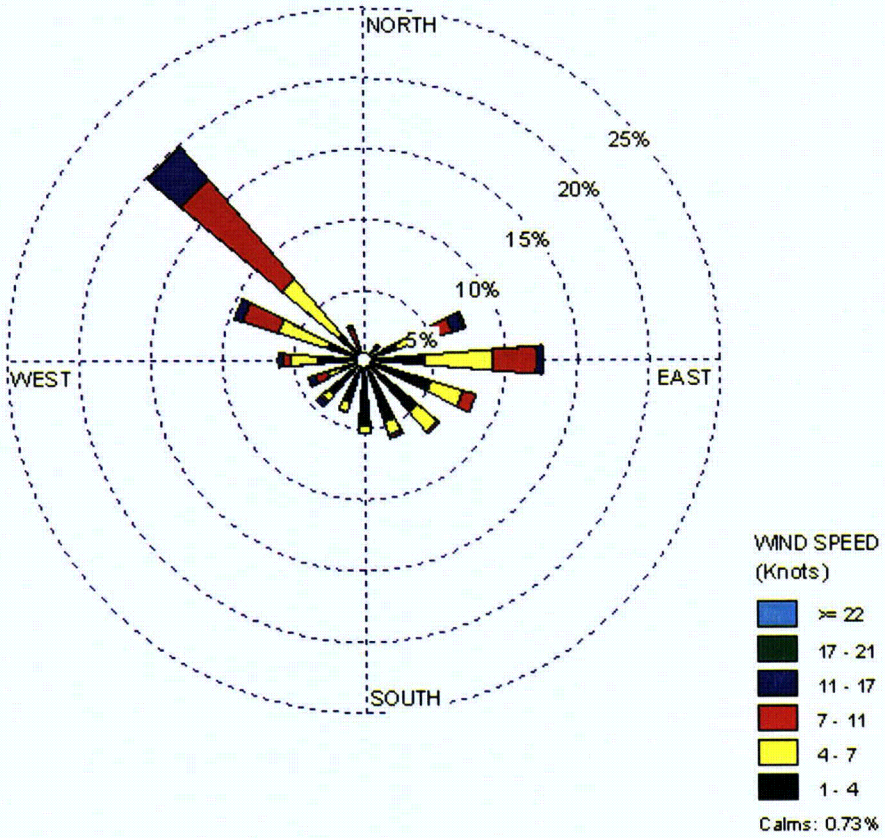
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000459	0.000000	0.000000	0.000000	0.000000	0.000000	0.000459
11.25 - 33.75	0.002755	0.000459	0.000918	0.000000	0.000000	0.000000	0.004132
33.75 - 56.25	0.008724	0.001377	0.001837	0.001377	0.000918	0.000918	0.015152
56.25 - 78.75	0.024793	0.018365	0.022039	0.008264	0.001837	0.000000	0.075298
78.75 - 101.25	0.042700	0.047291	0.031221	0.004132	0.000000	0.000000	0.125344
101.25 - 123.75	0.050046	0.022957	0.009642	0.000000	0.000000	0.000000	0.082645
123.75 - 146.25	0.049128	0.018825	0.001377	0.000459	0.000000	0.000000	0.069789
146.25 - 168.75	0.046832	0.009642	0.002296	0.000459	0.000000	0.000000	0.059229
168.75 - 191.25	0.047291	0.005051	0.000459	0.000459	0.000000	0.000000	0.053260
191.25 - 213.75	0.032140	0.007346	0.000000	0.000459	0.000000	0.000000	0.039945
213.75 - 236.25	0.033058	0.005969	0.002296	0.003214	0.000000	0.000000	0.044536
236.25 - 258.75	0.017906	0.009642	0.009183	0.004591	0.000459	0.000000	0.041781
258.75 - 281.25	0.032599	0.019743	0.004591	0.003673	0.000000	0.000000	0.060606
281.25 - 303.75	0.027548	0.035813	0.026171	0.005969	0.000000	0.000000	0.095500
303.75 - 326.25	0.024334	0.050964	0.092287	0.029844	0.000918	0.000000	0.198347
326.25 - 348.75	0.004591	0.005051	0.013774	0.002755	0.000459	0.000000	0.026630
Sub-Total:	0.444904	0.258494	0.218090	0.065657	0.004591	0.000918	0.959184

Calms:
0.007098
Missing/Incomplete:
0.033718
Total:
1.000000

Frequency of Calm Winds: 0.73%
Average Wind Speed: 5.41 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

SUMMER

Station ID: 1 Run ID:
Year: 2007 2008
Date Range: Jun 1 - Aug 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

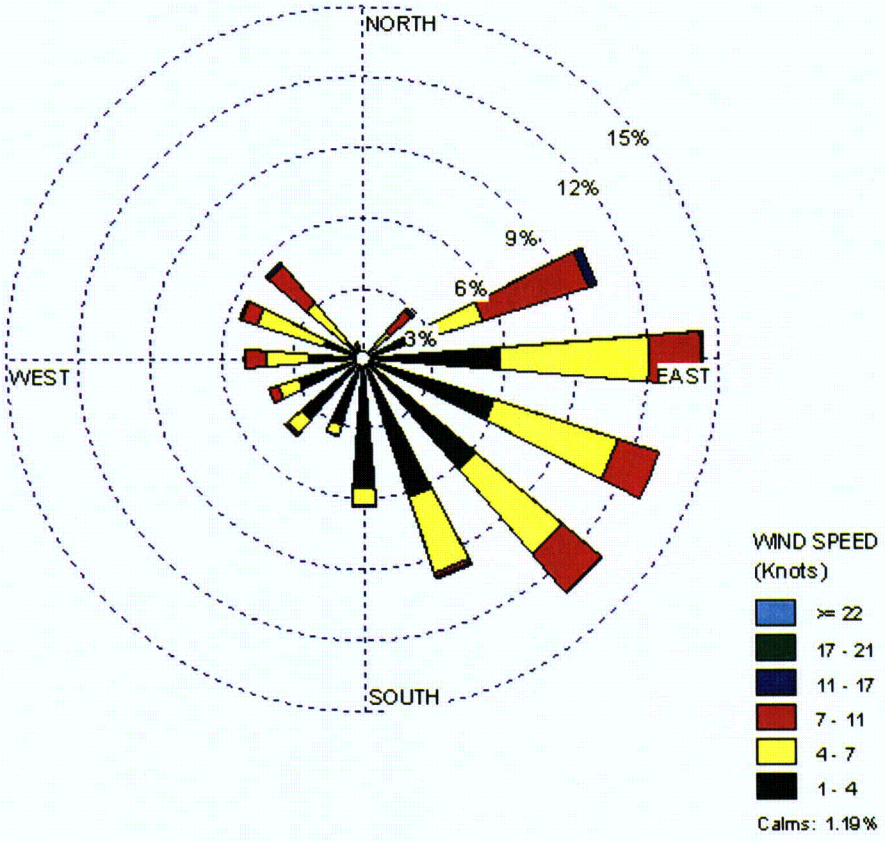
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.25 - 33.75	0.000456	0.001369	0.000912	0.000456	0.000000	0.000000	0.003193
33.75 - 56.25	0.006387	0.009124	0.011405	0.001825	0.000000	0.000000	0.028741
56.25 - 78.75	0.025091	0.027828	0.046533	0.003650	0.000000	0.000000	0.103102
78.75 - 101.25	0.057938	0.062044	0.021898	0.000912	0.000000	0.000000	0.142792
101.25 - 123.75	0.057938	0.054288	0.018248	0.000000	0.000000	0.000000	0.130474
123.75 - 146.25	0.062044	0.047445	0.020985	0.000000	0.000456	0.000000	0.130931
146.25 - 168.75	0.062044	0.033759	0.001825	0.000912	0.000000	0.000000	0.098540
168.75 - 191.25	0.055201	0.007299	0.000912	0.000000	0.000000	0.000000	0.063412
191.25 - 213.75	0.030109	0.004562	0.000456	0.000000	0.000000	0.000000	0.035128
213.75 - 236.25	0.034672	0.007299	0.000912	0.000456	0.000000	0.000000	0.043339
236.25 - 258.75	0.028741	0.009124	0.004106	0.000000	0.000000	0.000000	0.041971
258.75 - 281.25	0.022810	0.018248	0.008668	0.000456	0.000000	0.000000	0.050182
281.25 - 303.75	0.017336	0.029653	0.006843	0.000912	0.000000	0.000000	0.054745
303.75 - 326.25	0.010036	0.021442	0.020529	0.001825	0.000000	0.000000	0.053832
326.25 - 348.75	0.000912	0.003650	0.003193	0.000000	0.000000	0.000000	0.007755
Sub-Total:	0.471715	0.337135	0.167427	0.011405	0.000456	0.000000	0.955026

Calms:
0.011464
Missing/Incomplete:
0.033510
Total:
1.000000

Frequency of Calm Winds: 1.19%
Average Wind Speed: 4.66 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

FALL

Station ID: 1 Run ID:
Year: 2007
Date Range: Sep 1 - Nov 30
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

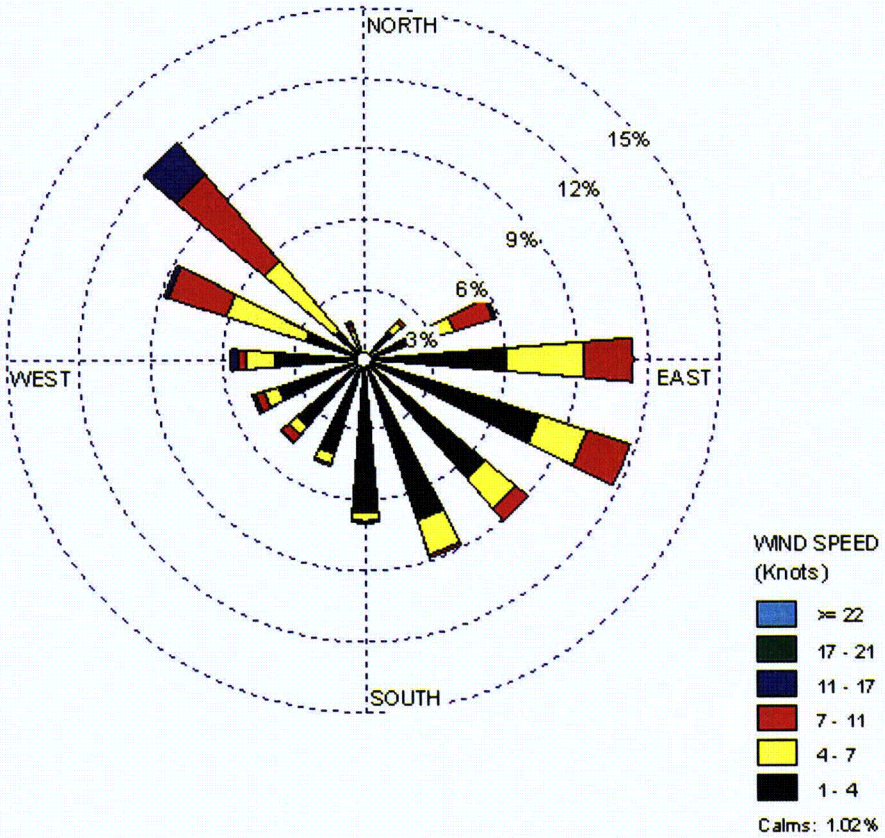
Speed Knots

Wind Direction	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75 - 11.25	0.000000	0.000464	0.000000	0.000000	0.000000	0.000000	0.000464
11.25 - 33.75	0.001855	0.001391	0.000000	0.000000	0.000000	0.000000	0.003247
33.75 - 56.25	0.016234	0.004638	0.001855	0.000000	0.000000	0.000000	0.022727
56.25 - 78.75	0.025046	0.014842	0.017161	0.001391	0.000000	0.000000	0.058442
78.75 - 101.25	0.060297	0.032468	0.020408	0.000000	0.000000	0.000000	0.113173
101.25 - 123.75	0.077458	0.020872	0.019017	0.000000	0.000000	0.000000	0.117347
123.75 - 146.25	0.066327	0.016698	0.006957	0.000000	0.000000	0.000000	0.089981
146.25 - 168.75	0.071892	0.015306	0.001391	0.000000	0.000000	0.000000	0.088590
168.75 - 191.25	0.064935	0.003711	0.000464	0.000464	0.000000	0.000000	0.069573
191.25 - 213.75	0.042208	0.004638	0.000928	0.000000	0.000000	0.000000	0.047774
213.75 - 236.25	0.037106	0.004638	0.004174	0.000464	0.000000	0.000000	0.046382
236.25 - 258.75	0.038033	0.006494	0.003711	0.001391	0.000000	0.000000	0.049629
258.75 - 281.25	0.037570	0.012059	0.003247	0.003247	0.000000	0.000000	0.056122
281.25 - 303.75	0.025974	0.034787	0.025510	0.001855	0.000000	0.000000	0.088126
303.75 - 326.25	0.016234	0.038497	0.048237	0.017625	0.000000	0.000000	0.120594
326.25 - 348.75	0.005566	0.007885	0.002319	0.001855	0.000000	0.000000	0.017625
Sub-Total:	0.586735	0.219388	0.155380	0.028293	0.000000	0.000000	0.956093

Calms:
0.009857
Missing/Incomplete:
0.034050
Total:
1.000000

Frequency of Calm Winds: 1.02%
Average Wind Speed: 4.25 Knots

POWERTECH (USA) INC.



POWERTECH (USA) INC.

APPENDIX 4.6-A

SPAW MODEL RESULTS

POWERTECH (USA) INC.

SPAW MODEL RESULTS

DEWEY FIELD

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.spw
File Creation Date : Sep 15, 2008 17:26:13
File Last Modified Date : Sep 16, 2008 08:28:28
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 16, 2008 08:28
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 81-94 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Air Temperature : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1980	44.04	28.76	10.32	11.41	7.03	16.33	16.32	0.74	24.88	0.13	0	3.03	8.1	0
1981	44	28.66	10.98	11.22	6.45	13.46	16.32	1.28	22.04	0.08	0	-0.24	7.32	0
1982	44	32.6	14.27	9.8	8.53	21.88	16.32	0.65	29.02	1.11	0	3.84	5.23	0
1983	44	31.24	13.14	10.61	7.48	16.16	16.32	1.18	23.82	-0.02	0	0.08	3.64	0
1984	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
1985	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
1986	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.17	13.19	10.63	7.35	16.29	16.32	1.03	24.23	0.07	0	0.34	4.4	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.spw
File Creation Date : Sep 16, 2008 08:35:03
File Last Modified Date : Sep 16, 2008 08:35:03
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 16, 2008 08:35
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 81-95 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Air Temperature : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1981	44	27.39	9.7	11.23	6.45	13.46	16.32	1.01	22.31	-0.27	0	1.65	21.62	0
1982	44	31.37	12.92	9.93	8.53	21.88	16.32	0.63	29.04	1.56	0	4.63	7.16	0
1983	44	30.93	12.79	10.66	7.48	16.16	16.32	1.18	23.82	0	0	0.37	3.7	0
1984	44.04	32.64	14.1	10.48	8.07	16.89	16.32	1.13	24	0	0	-0.57	3.42	0
1985	44	28.86	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
1986	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.25	13.23	10.55	7.48	16.42	16.32	1.02	24.25	0.08	0	0.39	5.19	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.spw
File Creation Date : Sep 16, 2008 08:36:39
File Last Modified Date : Sep 16, 2008 08:36:39
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 16, 2008 08:36
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 82-96 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.txt (Sep 16, 2008 00:00)
Air Temperature : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 18, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1982	44	30.79	12.4	9.91	8.48	21.83	16.32	0.63	29.04	1.06	0	5.66	16.24	0
1983	44	30.5	12.28	10.74	7.48	16.16	16.32	0.96	24.04	0.23	0	0.8	3.83	0
1984	44.04	32.45	13.88	10.5	8.07	16.89	16.32	1.13	24	0.01	0	-0.39	3.43	0
1985	44	28.85	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.41	3.94	0
1986	44	34.76	16.75	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.51	13.46	10.49	7.56	16.7	16.32	0.98	24.47	0.09	0	0.44	4.6	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.spw
File Creation Date : Sep 16, 2008 08:38:04
File Last Modified Date : Sep 16, 2008 08:38:04
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 16, 2008 08:38
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 83-97 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Air Temperature : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1983	44	28.2	9.74	11.06	7.4	16.08	16.32	0.82	24.18	0.01	0	3.37	21.27	0
1984	44.04	30.99	12.11	10.81	8.07	16.89	16.32	0.79	24.35	0.71	0	0.72	4.48	0
1985	44	27.93	9.99	11.46	6.49	11.75	16.32	1.03	20.55	-0.28	0	-0.62	5.07	0
1986	44	33.7	15.48	9.88	8.34	23.59	16.32	2.08	29.49	0.85	0	3.29	3.6	0
1987	44	30.65	13.1	11.18	6.38	12.36	16.32	0.12	22.19	-0.21	0	-1.89	4.34	0
1988	44.04	28.88	11.59	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.22	4.06	0
1989	44	30.47	12.51	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.26	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.22	13.14	10.57	7.51	16.42	16.32	1	24.22	0.09	0	0.43	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--84-98\Dew 15 yr--84-98.spw
File Creation Date : Sep 16, 2008 08:39:34
File Last Modified Date : Sep 16, 2008 08:39:35
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--84-98
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 16, 2008 08:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--84-98
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--84-98\Dew 15 yr--84-98.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 84-98 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.txt (Sep 16, 2008 00:00)
Air Temperature : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1984	44.04	29.51	10.86	10.83	7.82	15.65	16.32	0.44	23.71	-0.1	0	2.12	15.85	0
1985	44	26.91	8.8	11.62	6.49	11.75	16.32	1.02	20.56	0.08	0	0.06	8.98	0
1986	44	33.01	14.7	9.97	8.34	23.59	16.32	2.08	29.49	1	0	3.82	3.84	0
1987	44	29.82	12.05	11.4	6.38	12.36	16.32	0.12	22.19	0.06	0	-1.31	4.67	0
1988	44.04	28.76	11.45	10.91	6.4	13.79	16.32	0.9	22.8	0.14	0	0.3	4.2	0
1989	44	30.39	12.42	10.61	7.36	15.58	16.32	0.04	24.5	0.13	0	1.35	3.78	0
1990	44	33.48	15.72	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.04	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.37	13.29	10.53	7.55	16.88	16.32	1.16	24.49	0.11	0	0.56	4.96	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\Dew 15 yr--85-99.spw
File Creation Date : Sep 16, 2008 08:41:06
File Last Modified Date : Sep 16, 2008 08:41:07
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 16, 2008 08:41
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\Dew 15 yr--85-99.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 85-99 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Air Temperature : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1985	44	25.89	7.78	11.62	6.49	11.75	16.32	1.02	20.56	-0.29	0	1.45	20.09	0
1986	44	32.7	14.33	10.02	8.34	23.59	16.32	2.08	29.49	1.05	0	4.09	4.09	0
1987	44	29.45	11.57	11.51	6.38	12.36	16.32	0.12	22.19	0.2	0	-1.09	5	0
1988	44.04	28.64	11.27	10.97	6.4	13.79	16.32	0.9	22.8	0.18	0	0.37	4.45	0
1989	44	30.23	12.23	10.63	7.36	15.58	16.32	0.04	24.5	0.16	0	1.48	3.83	0
1990	44	33.45	15.69	10.19	7.57	19.14	16.32	1.94	25.95	0.01	0	0.07	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.53	13.5	10.5	7.53	16.98	16.32	1.3	24.47	0.09	0	0.38	4.93	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.spw
File Creation Date : Sep 16, 2008 08:42:52
File Last Modified Date : Sep 16, 2008 08:42:52
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 16, 2008 08:42
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 86-00 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Air Temperature : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1986	44	31.28	12.98	10.19	8.11	22.03	16.32	2.08	28.16	0.3	0	4.69	8.52	0
1987	44	29.16	11.24	11.54	6.38	12.36	16.32	0.12	22.19	0.36	0	-0.96	5.35	0
1988	44.04	28.28	10.7	11.18	6.4	13.79	16.32	0.9	22.8	0.33	0	0.59	5.42	0
1989	44	29.75	11.65	10.73	7.36	15.58	16.32	0.04	24.5	0.3	0	1.82	4.07	0
1990	44	33.35	15.58	10.19	7.57	19.14	16.32	1.86	26.02	0.02	0	0.23	3.56	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.71	13.66	10.48	7.57	17.06	16.32	1.35	24.47	0.05	0	0.27	4.28	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.spw
File Creation Date : Sep 16, 2008 08:47:32
File Last Modified Date : Sep 16, 2008 08:47:33
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 16, 2008 08:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 89-03 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Air Temperature : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1989	44	27.54	9.1	11.15	7.29	15.49	16.32	0.04	24.47	0.28	0	3.95	15.08	0
1990	44	30.99	12.73	10.68	7.57	19.14	16.32	1.6	26.29	0.95	0	1.92	3.95	0
1991	44	30.09	11.77	11.03	7.29	15.03	16.32	1.4	22.66	0.02	0	-0.16	3.7	0
1992	44.04	29.68	11.97	10.59	7.11	14.08	16.32	0.41	22.88	0.04	0	0.27	3.75	0
1993	44	35.28	16.83	9.44	9.01	22.31	16.32	2.14	27.48	0.02	0	1.19	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.48	13.35	10.53	7.6	16.9	16.32	1.27	24.36	0.09	0	0.39	4.5	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--90-04\Dew 15 yr--90-04.spw
File Creation Date : Sep 16, 2008 08:48:54
File Last Modified Date : Sep 16, 2008 08:48:55
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 16, 2008 08:48
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--90-04\Dew 15 yr--90-04.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 90-04 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Air Temperature : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1990	44	30.25	12.04	10.67	7.54	19.11	16.32	1.45	26.44	0.11	0	3.63	12.13	0
1991	44	28.56	9.86	11.41	7.29	15.03	16.32	1.23	22.83	0.78	0	0.78	5.59	0
1992	44.04	28.9	10.99	10.8	7.11	14.08	16.32	0.37	22.92	0.32	0	0.81	4.49	0
1993	44	35.09	16.62	9.46	9.01	22.31	16.32	1.44	28.18	0.11	0	1.99	3.42	0
1994	44	30.43	12.43	11.21	6.79	12.01	16.32	0.19	21.35	-0.3	0	-1.99	4.44	0
1995	44	32.83	13.94	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.48	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.38	13.25	10.55	7.58	16.84	16.32	1.21	24.36	0.07	0	0.49	4.48	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.spw
File Creation Date : Sep 16, 2008 09:05:32
File Last Modified Date : Sep 16, 2008 09:05:33
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 16, 2008 09:05
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 91-05 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.bd (Sep 16, 2008 00:00)
Air Temperature : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.bd (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1991	44	27.98	9.4	11.33	7.25	14.99	16.32	0.53	23.53	0.2	0	2.6	16.09	0
1992	44.04	28.54	10.58	10.85	7.11	14.08	16.32	0.37	22.92	0.42	0	1.08	6.39	0
1993	44	33.4	14.67	9.71	9.01	22.31	16.32	1.34	28.27	0.69	0	3.2	3.47	0
1994	44	30.11	12.08	11.24	6.79	12.01	16.32	0.19	21.35	-0.28	0	-1.68	4.47	0
1995	44	32.81	13.9	10.04	8.87	18.32	16.32	0.82	24.95	0.19	0	0.82	3.66	0
1996	44.04	32.45	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.09	0	0.7	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.28	13.17	10.56	7.55	16.9	16.32	1.32	24.35	0.09	0	0.53	4.74	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.spw
File Creation Date : Sep 16, 2008 09:06:49
File Last Modified Date : Sep 16, 2008 09:06:50
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 16, 2008 09:06
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 92-06 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Air Temperature : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1992	44.04	28.01	10.12	10.78	7.11	14.08	16.32	0.37	22.92	-0.07	0	2.09	15.31	0
1993	44	31.96	12.92	10.02	9.01	22.31	16.32	1.08	28.53	1.31	0	4.28	3.76	0
1994	44	29.71	11.61	11.31	6.79	12.01	16.32	0.19	21.35	-0.27	0	-1.29	4.63	0
1995	44	32.81	13.9	10.03	8.87	18.32	16.32	0.66	25.11	0.24	0	0.94	3.68	0
1996	44.04	32.45	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.7	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.24	13.16	10.56	7.52	16.79	16.32	1.29	24.3	0.08	0	0.5	4.54	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.spw
File Creation Date : Sep 16, 2008 09:39:44
File Last Modified Date : Sep 16, 2008 09:39:45
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 16, 2008 09:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 93-07 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Air Temperature : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1993	44	30.45	11.29	10.26	8.91	21.44	16.32	1.06	27.8	0.84	0	5.42	7.24	0
1994	44	29.46	11.34	11.33	6.79	12.01	16.32	0.19	21.35	-0.18	0	-1.13	5	0
1995	44	31.87	12.65	10.35	8.87	18.32	16.32	0.66	25.11	0.51	0	1.6	3.93	0
1996	44.04	32.29	14.27	10.19	7.82	17.6	16.32	0.69	25.41	0.14	0	0.81	3.54	0
1997	44	32.54	14.71	10.1	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.17	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.19	13.09	10.61	7.49	16.82	16.32	1.33	24.31	0.07	0	0.54	4.05	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--94-80\Dew 15 yr--94-80.spw
File Creation Date : Sep 16, 2008 09:41:28
File Last Modified Date : Sep 16, 2008 09:41:29
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--94-80
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 16, 2008 09:41
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--94-80
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--94-80\Dew 15 yr--94-80.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 94-80 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Air Temperature : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1994	44	26.64	8.27	11.58	6.79	12.01	16.32	0.19	21.35	-0.3	0	1.81	21.39	0
1995	44	30.88	11.46	10.54	8.87	18.32	16.32	0.58	25.18	0.72	0	2.46	6.38	0
1996	44.04	30.39	11.97	10.59	7.82	17.6	16.32	0.68	25.41	0.83	0	2.02	3.77	0
1997	44	32.17	14.31	10.13	7.73	17.73	16.32	1.59	24.74	0.06	0	0.23	3.55	0
1998	44	34.72	16.57	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.96	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.84	12.75	10.72	7.37	16.43	16.32	1.32	24.05	0.08	0	0.5	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--95-81\Dew 15 yr--95-81.spw
File Creation Date : Sep 16, 2008 09:42:54
File Last Modified Date : Sep 16, 2008 09:42:55
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--95-81
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 16, 2008 09:42
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--95-81
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--95-81\Dew 15 yr--95-81.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 95-81 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Air Temperature : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1995	44	30.45	11.12	10.5	8.83	18.14	16.32	0.51	25.12	0.01	0	3.49	15.1	0
1996	44.04	30.14	11.68	10.63	7.82	17.6	16.32	0.68	25.41	0.94	0	2.15	4.05	0
1997	44	31.65	13.72	10.21	7.73	17.73	16.32	1.27	25.05	0.36	0	0.77	3.57	0
1998	44	34.65	16.5	9.95	8.2	24.28	16.32	3.57	28.82	0.33	0	2.05	3.46	0
1999	44	33.84	16.14	10.16	7.54	17.17	16.32	2.53	23.41	-0.33	0	-2.56	3.48	0
2000	44.04	31.23	13.08	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.69	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.72	0
2002	44	29.78	12.19	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.68	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.94	12.9	10.7	7.35	16.52	16.32	1.38	24.11	0.06	0	0.45	4.56	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.spw
File Creation Date : Sep 16, 2008 09:44:20
File Last Modified Date : Sep 16, 2008 09:44:20
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 16, 2008 09:44
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 96-82 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Air Temperature : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1996	44.04	29.28	10.78	10.68	7.82	17.6	16.32	0.51	25.59	0.13	0	4	10.8	0
1997	44	30.23	11.97	10.54	7.73	17.73	16.32	0.96	25.36	1.13	0	1.73	3.78	0
1998	44	34.31	16.13	9.98	8.2	24.28	16.32	3.5	28.9	0.25	0	2.55	3.48	0
1999	44	33.78	16.09	10.15	7.54	17.17	16.32	2.28	23.67	-0.21	0	-2.37	3.48	0
2000	44.04	31.24	13.09	10.79	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.63	4.39	0
2001	44	30.51	12.52	10.69	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.72	0
2002	44	29.78	12.19	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.96	12.96	10.67	7.32	16.77	16.32	1.4	24.35	0.09	0	0.63	4.29	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\Dew 15 yr--97-83.spw
File Creation Date : Sep 16, 2008 09:45:40
File Last Modified Date : Sep 16, 2008 09:45:41
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 16, 2008 09:45
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\Dew 15 yr--97-83.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 97-83 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Air Temperature : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1997	44	29.17	10.8	10.65	7.73	17.73	16.32	0.93	25.39	0.45	0	3.49	10.48	0
1998	44	33.54	15.26	10.09	8.2	24.28	16.32	2.35	30.05	0.91	0	3.79	3.73	0
1999	44	32.67	14.85	10.28	7.54	17.17	16.32	2.28	23.67	-0.06	0	-1.39	3.49	0
2000	44.04	31.23	13.08	10.79	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.4	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.11	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.95	12.96	10.68	7.31	16.74	16.32	1.38	24.37	0.09	0	0.64	4.27	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\Dew 15 yr--98-84.spw
File Creation Date : Sep 16, 2008 09:47:14
File Last Modified Date : Sep 16, 2008 09:47:14
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 16, 2008 09:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\Dew 15 yr--98-84.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 98-84 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Air Temperature : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1998	44	32.32	13.91	10.21	8.2	24.28	16.32	1.8	30.6	0.86	0	5.61	8.88	0
1999	44	31.13	13.06	10.53	7.54	17.17	16.32	1.91	24.03	0.42	0	0.02	3.57	0
2000	44.04	31.06	12.88	10.82	7.35	14.51	16.32	1.72	21.76	-0.52	0	-1.43	4.45	0
2001	44	30.49	12.51	10.69	7.29	18.1	16.32	1.23	25.9	0.52	0	2.18	3.74	0
2002	44	29.77	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.98	12.95	10.7	7.32	16.61	16.32	1.33	24.28	0.09	0	0.54	4.15	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.spw
File Creation Date : Sep 16, 2008 09:48:36
File Last Modified Date : Sep 16, 2008 09:48:37
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 16, 2008 09:48
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 99-85 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Air Temperature : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1999	44	28.66	10.14	10.98	7.54	17.17	16.32	0.8	25.14	0.5	0	3.52	10.95	0
2000	44.04	29.89	11.52	11.02	7.35	14.51	16.32	1.72	21.76	-0.2	0	-0.59	5.86	0
2001	44	29.79	11.57	10.92	7.29	18.1	16.32	1.23	25.9	0.81	0	2.59	4.61	0
2002	44	29.35	11.66	10.99	6.7	13.11	16.32	0.35	22.38	0.02	0	-0.29	3.84	0
2003	44	29.6	11	11.19	7.41	14.69	16.32	0.56	23.05	0.16	0	0.7	3.65	0
2004	44.04	29.07	11.29	10.82	6.96	12.18	16.32	0.29	21.24	-0.27	0	-0.59	4.05	0
2005	44	31.76	13.98	10.64	7.14	20.16	16.32	3.81	25.53	0.28	0	0.63	3.54	0
2006	44	29.65	12.01	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.46	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.47	13.32	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.39	12.33	10.85	7.21	15.78	16.32	1.2	23.68	0.06	0	0.44	4.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.spw
File Creation Date : Sep 16, 2008 09:49:51
File Last Modified Date : Sep 16, 2008 09:49:52
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 16, 2008 09:49
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 00-86 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.bd (Sep 16, 2008 00:00)
Air Temperature : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.bd (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2000	44.04	27.77	9.12	11.3	7.35	14.51	16.32	1.72	21.76	-0.22	0	1.56	12.77	0
2001	44	29.06	10.73	11.04	7.29	18.1	16.32	1.13	26	1.03	0	3.2	6.26	0
2002	44	29.16	11.46	11.01	6.7	13.11	16.32	0.35	22.38	0.04	0	-0.13	4.01	0
2003	44	29.23	10.56	11.26	7.41	14.69	16.32	0.55	23.05	0.34	0	0.89	3.9	0
2004	44.04	28.9	11.08	10.85	6.96	12.18	16.32	0.21	21.32	-0.26	0	-0.36	4.15	0
2005	44	31.86	14.11	10.61	7.14	20.16	16.32	3.43	25.9	0.37	0	0.82	3.54	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.5	13.37	11.01	7.13	16.74	16.32	0.96	24.97	0.15	0	0.46	3.54	0
2009	44	29.44	11.82	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.86	4.63	0
2010	44	33.25	15.02	9.71	8.53	21.88	16.32	2.06	27.61	0.36	0	2.53	3.94	0
2011	44	31.83	13.78	10.56	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.62	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.55	12.49	10.79	7.26	16.21	16.32	1.27	23.99	0.09	0	0.62	4.59	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.spw
File Creation Date : Sep 16, 2008 09:51:19
File Last Modified Date : Sep 16, 2008 09:51:20
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 16, 2008 09:51
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 01-87 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Air Temperature : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2001	44	28.73	10.42	11.02	7.29	18.1	16.32	1.04	26.09	0.55	0	4.1	11.88	0
2002	44	28.96	11.24	11.02	6.7	13.11	16.32	0.35	22.38	0.07	0	0.05	4.46	0
2003	44	29.09	10.41	11.27	7.41	14.69	16.32	0.55	23.05	0.39	0	0.99	4.02	0
2004	44.04	28.77	10.92	10.89	6.96	12.18	16.32	0.21	21.32	-0.22	0	-0.27	4.27	0
2005	44	31.48	13.63	10.71	7.14	20.16	16.32	3.43	25.9	0.5	0	1.06	3.55	0
2006	44	29.62	11.97	10.98	6.67	13.22	16.32	0.48	22.39	-0.13	0	-0.42	3.68	0
2007	44	30.06	12.3	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.46	13.3	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.37	3.58	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.69	0
2010	44	33.31	15.06	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.7	12.7	10.79	7.2	16.13	16.32	1.15	24.1	0.07	0	0.53	4.45	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : *C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--02-88\Dew 15 yr--02-88.spw*
File Creation Date : Sep 16, 2008 09:52:50
File Last Modified Date : Sep 16, 2008 09:52:51
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--02-88
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 16, 2008 09:52
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--02-88
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--02-88\Dew 15 yr--02-88.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 02-88 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Air Temperature : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2002	44	27.02	8.92	11.39	6.7	13.11	16.32	0.31	22.42	-0.22	0	2.33	18.49	0
2003	44	28.54	9.82	11.32	7.41	14.69	16.32	0.55	23.05	0.59	0	1.33	5	0
2004	44.04	28.03	9.99	11.08	6.96	12.18	16.32	0.21	21.32	0	0	0.25	5.73	0
2005	44	30.51	12.49	10.88	7.14	20.16	16.32	3.24	26.1	0.91	0	1.81	3.66	0
2006	44	29.47	11.76	11.03	6.67	13.22	16.32	0.48	22.39	-0.13	0	-0.28	3.74	0
2007	44	30.05	12.29	10.94	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.3	3.86	0
2008	44.04	31.44	13.28	11.02	7.13	16.74	16.32	0.96	24.97	0.17	0	0.5	3.55	0
2009	44	29.44	11.81	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.86	4.64	0
2010	44	33.24	15	9.71	8.53	21.88	16.32	2.06	27.61	0.37	0	2.53	3.95	0
2011	44	31.82	13.78	10.57	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.61	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.4	12.42	10.84	7.14	15.78	16.32	1.13	23.82	0.08	0	0.48	5.03	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.spw
File Creation Date : Sep 16, 2008 09:54:17
File Last Modified Date : Sep 16, 2008 09:54:17
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 16, 2008 09:54
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 03-89 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.txt (Sep 16, 2008 00:00)
Air Temperature : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2003	44	27.99	9.27	11.31	7.41	14.69	16.32	0.33	23.27	-0.06	0	2.75	9.98	0
2004	44.04	27.44	9.27	11.21	6.96	12.18	16.32	0.21	21.32	0.2	0	0.65	7.33	0
2005	44	30.29	12.19	10.97	7.14	20.16	16.32	3.01	26.33	1.1	0	2.07	3.81	0
2006	44	29.25	11.48	11.1	6.67	13.22	16.32	0.48	22.39	-0.1	0	-0.09	3.82	0
2007	44	30.03	12.27	10.94	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.28	3.87	0
2008	44.04	31.37	13.2	11.04	7.13	16.74	16.32	1.12	24.81	0.14	0	0.43	3.58	0
2009	44	29.41	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.7	0
2010	44	33.3	15.05	9.72	8.53	21.88	16.32	1.72	27.95	0.41	0	2.77	3.97	0
2011	44	31.98	13.95	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.76	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.53	12.54	10.8	7.18	15.94	16.32	1.08	24	0.09	0	0.56	4.51	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.spw
File Creation Date : Sep 16, 2008 09:55:46
File Last Modified Date : Sep 16, 2008 09:55:47
Description : Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 16, 2008 09:55
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 04-90 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Air Temperature : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2004	44.04	25.97	7.77	11.25	6.95	12.16	16.32	0.21	21.32	-0.24	0	2.54	21.75	0
2005	44	29.79	11.58	11.07	7.14	20.16	16.32	3.01	26.33	1.28	0	2.4	4.23	0
2006	44	28.67	10.73	11.27	6.67	13.22	16.32	0.48	22.39	0.07	0	0.33	4.03	0
2007	44	30	12.23	10.95	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.24	3.9	0
2008	44.04	31.3	13.11	11.06	7.13	16.74	16.32	0.96	24.97	0.21	0	0.59	3.56	0
2009	44	29.43	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.65	0
2010	44	33.23	14.98	9.72	8.53	21.88	16.32	2.06	27.61	0.37	0	2.54	3.95	0
2011	44	31.82	13.77	10.57	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.61	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.71	12.76	10.75	7.19	16.24	16.32	1.19	24.16	0.09	0	0.57	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.spw
File Creation Date : Sep 16, 2008 09:57:03
File Last Modified Date : Sep 16, 2008 09:57:04
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 16, 2008 09:57
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : *Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91*
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 05-91 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Air Temperature : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2005	44	29.08	10.83	11.11	7.14	20.16	16.32	3.01	26.33	0.57	0	3.81	8.67	0
2006	44	28.21	10.15	11.39	6.67	13.22	16.32	0.26	22.61	0.28	0	0.79	4.81	0
2007	44	29.84	12.06	10.96	6.82	14.33	16.32	1.04	22.79	-0.12	0	-0.11	4.09	0
2008	44.04	30.8	12.48	11.19	7.13	16.74	16.32	0.96	24.97	0.36	0	0.94	3.66	0
2009	44	29.37	11.74	11.18	6.45	13.46	16.32	1.39	21.93	-0.17	0	-0.82	4.75	0
2010	44	33.25	15	9.72	8.53	21.88	16.32	1.72	27.95	0.44	0	2.79	4	0
2011	44	31.93	13.89	10.56	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.71	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.88	12.92	10.75	7.21	16.27	16.32	1.24	24.15	0.09	0	0.39	4.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.spw
File Creation Date : Sep 16, 2008 09:58:16
File Last Modified Date : Sep 16, 2008 09:58:17
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 16, 2008 09:58
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 06-92 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.txt (Sep 16, 2008 00:00)
Air Temperature : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2006	44	27.24	9.22	11.4	6.61	13.13	16.32	0.25	22.58	-0.17	0	2.13	19.79	0
2007	44	28.74	10.82	11.1	6.82	14.33	16.32	1.04	22.79	0.18	0	0.69	7.66	0
2008	44.04	30.15	11.71	11.31	7.13	16.74	16.32	0.91	25.02	0.6	0	1.4	4.28	0
2009	44	29.02	11.35	11.22	6.45	13.46	16.32	1.33	21.99	-0.05	0	-0.53	5.62	0
2010	44	33.05	14.77	9.76	8.53	21.88	16.32	1.01	28.66	0.78	0	3.36	4.52	0
2011	44	31.67	13.63	10.56	7.48	16.16	16.32	1.18	23.82	-0.04	0	-0.33	3.61	0
2012	44.04	32.71	14.17	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.64	3.42	0
2013	44	28.87	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
2020	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.7	12.76	10.74	7.2	15.86	16.32	1	23.98	0.09	0	0.39	5.29	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.spw
File Creation Date : Sep 16, 2008 09:59:44
File Last Modified Date : Sep 16, 2008 09:59:45
Description : Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 16, 2008 09:59
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : *Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93*
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 07-93 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Air Temperature : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2007	44	27.64	9.58	11.23	6.82	14.33	16.32	1.04	22.79	-0.23	0	2.21	17.35	0
2008	44.04	29.94	11.48	11.33	7.13	16.74	16.32	0.53	25.4	0.77	0	1.83	4.49	0
2009	44	28.99	11.32	11.22	6.45	13.46	16.32	1.28	22.04	-0.03	0	-0.47	5.84	0
2010	44	32.97	14.68	9.76	8.53	21.88	16.32	1.15	28.52	0.82	0	3.27	4.61	0
2011	44	31.45	13.38	10.58	7.48	16.16	16.32	1.18	23.82	-0.03	0	-0.12	3.62	0
2012	44.04	32.7	14.16	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.63	3.42	0
2013	44	28.87	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
2020	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
2021	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.13	13.14	10.62	7.36	16.47	16.32	1.11	24.32	0.09	0	0.47	4.86	0

POWERTECH (USA) INC.

SPAW MODEL RESULTS

DEWEY POND

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--00-86\Dew--00-86.pnd
File Creation Date : Sep 16, 2008 15:02:04
File Last Modified Date : Sep 16, 2008 15:02:04
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2000-1986
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 16, 2008 15:02
SPAW Interface Version : Sep 16, 2008 15:02:04
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2000	577.62	431.87	145.74	14.51	18.6	54.06	3.48	0	501.47	0	0	0	0	0	54.91	0	0	376.96	133.04	0	0
2001	563.73	562.6	1.13	18.1	24.88	35	3.74	0	500.1	0	0	0	0	0	58.32	0	0	504.28	5.72	0	0
2002	530.67	533.16	-2.5	13.1	17.47	10.63	2.46	0	500.1	0	0	0	0	0	57.62	0	0	475.54	34.46	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	639.43	570.78	68.65	20.16	28.79	106.88	3.66	0	500.1	0	0	0	0	0	60.78	0	0	510	0	0	0
2006	536.02	570.66	-34.65	13.22	18.79	15	2.12	0	500.1	0	0	0	0	0	60.66	0	0	510	0	0	0
2007	555.41	569.76	-14.35	14.34	19.83	32.81	2.66	0	500.1	0	0	0	0	0	59.76	0	0	510	0	0	0
2008	557.86	569.52	-11.66	16.74	23.56	29.69	3.14	0	501.47	0	0	0	0	0	59.52	0	0	510	0	0	0
2009	564.4	559.34	5.05	13.46	18.5	43.13	2.67	0	500.1	0	0	0	0	0	58.65	0	0	500.69	9.31	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.55	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
566.26	551.71	14.56	16.21	22.34	39.42	3.03	0	501.47	0	0	0	0	0	59.05	0	0	492.66	17.34	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--01-87\Dew--01-87.pnd
File Creation Date : Sep 16, 2008 15:03:53
File Last Modified Date : Sep 16, 2008 15:03:53
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2001-1987
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 16, 2008 15:03
SPAW Interface Version : Sep 16, 2008 15:03:53
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2001	560.17	413.3	146.87	18.1	22.74	32.19	5.14	0	500.1	0	0	0	0	0	54.1	0	0	359.2	150.8	0	0
2002	530.67	533.16	-2.5	13.1	17.47	10.63	2.46	0	500.1	0	0	0	0	0	57.62	0	0	475.54	34.46	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	639.43	570.78	68.65	20.16	28.79	106.88	3.66	0	500.1	0	0	0	0	0	60.78	0	0	510	0	0	0
2006	536.02	570.66	-34.65	13.22	18.79	15	2.12	0	500.1	0	0	0	0	0	60.66	0	0	510	0	0	0
2007	555.41	569.76	-14.35	14.34	19.83	32.81	2.66	0	500.1	0	0	0	0	0	59.76	0	0	510	0	0	0
2008	562.87	569.61	-6.74	16.74	23.58	34.69	3.13	0	501.47	0	0	0	0	0	59.61	0	0	510	0	0	0
2009	564.42	564.29	0.13	13.46	18.55	43.13	2.64	0	500.1	0	0	0	0	0	58.81	0	0	505.48	4.52	0	0
2010	586.97	569.31	17.66	21.88	30.09	52.81	3.96	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	566.96	569.7	-2.74	16.16	22.32	41.56	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
562.36	551.14	11.23	16.14	22.18	35.65	3.06	0	501.47	0	0	0	0	0	58.96	0	0	492.18	17.82	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--02-88\Dew--02-88.pnd
File Creation Date : Sep 16, 2008 15:06:17
File Last Modified Date : Sep 16, 2008 15:06:17
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2002-1988
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 16, 2008 15:06
SPAW Interface Version : Sep 16, 2008 15:06:17
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--02-88	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--02-88\Dew 15 yr--02-88.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--02-88	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--02-88\Dew 15 yr--02-88.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
2002	528.83	384.46	144.37	13.1	16.31	9.38	3.04	0	500.1	0	0	0	0	0	53.87	0	0	330.59	179.41	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	633.48	570.68	62.8	20.16	28.77	100.94	3.67	0	500.1	0	0	0	0	0	60.68	0	0	510	0	0	0
2006	535.98	570.42	-34.43	13.22	18.72	15	2.16	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2007	555.37	569.52	-14.14	14.34	19.75	32.81	2.71	0	500.1	0	0	0	0	0	59.52	0	0	510	0	0	0
2008	557.83	569.29	-11.46	16.74	23.47	29.69	3.19	0	501.47	0	0	0	0	0	59.29	0	0	510	0	0	0
2009	564.38	554.09	10.28	13.46	18.45	43.13	2.7	0	500.1	0	0	0	0	0	58.48	0	0	495.62	14.38	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.55	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2015	525.1	569.58	-44.48	12.37	17.5	5.63	1.87	0	500.1	0	0	0	0	0	59.58	0	0	510	0	0	0
2016	551.39	563.45	-12.07	13.79	19.01	28.13	2.77	0	501.47	0	0	0	0	0	58.49	0	0	504.97	5.03	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
561.41	550.63	10.79	15.78	21.78	35.25	2.91	0	501.47	0	0	0	0	0	59.05	0	0	491.57	18.43	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--03-89\Dew--03-89.pnd
File Creation Date : Sep 16, 2008 15:08:09
File Last Modified Date : Sep 16, 2008 15:08:09
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2003-1989
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 16, 2008 15:08
SPAW Interface Version : Sep 16, 2008 15:08:09
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2003	532.69	388.32	144.38	14.69	18.58	10.31	3.7	0	500.1	0	0	0	0	0	54.02	0	0	334.3	175.7	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	626.25	570.42	55.83	20.16	28.66	93.75	3.74	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2006	535.95	570.12	-34.18	13.22	18.63	15	2.21	0	500.1	0	0	0	0	0	60.12	0	0	510	0	0	0
2007	555.34	569.23	-13.9	14.34	19.66	32.81	2.76	0	500.1	0	0	0	0	0	59.23	0	0	510	0	0	0
2008	562.8	569.1	-6.3	16.74	23.39	34.69	3.25	0	501.47	0	0	0	0	0	59.1	0	0	510	0	0	0
2009	564.37	552.79	11.59	13.46	18.44	43.13	2.7	0	500.1	0	0	0	0	0	58.43	0	0	494.35	15.65	0	0
2010	586.97	569.31	17.66	21.88	30.09	52.81	3.96	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	566.96	569.7	-2.74	16.16	22.32	41.56	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
2016	551.35	554.84	-3.49	13.79	18.91	28.13	2.84	0	501.47	0	0	0	0	0	58.2	0	0	496.64	13.36	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
559.84	548.76	11.08	15.94	21.87	33.44	3.06	0	501.47	0	0	0	0	0	58.8	0	0	489.96	20.04	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--04-90\Dew--04-90.pnd
File Creation Date : Sep 16, 2008 15:10:21
File Last Modified Date : Sep 16, 2008 15:10:21
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2004-1990
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 16, 2008 15:10
SPAW Interface Version : Sep 16, 2008 15:10:21
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2004	525.45	372.76	152.69	12.17	14.9	6.56	2.51	0	501.47	0	0	0	0	0	53.93	0	0	318.83	191.17	0	0
2005	626.25	570.42	55.83	20.16	28.66	93.75	3.74	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2006	535.95	570.12	-34.18	13.22	18.63	15	2.21	0	500.1	0	0	0	0	0	60.12	0	0	510	0	0	0
2007	555.34	569.23	-13.9	14.34	19.66	32.81	2.76	0	500.1	0	0	0	0	0	59.23	0	0	510	0	0	0
2008	557.79	569.02	-11.22	16.74	23.37	29.69	3.26	0	501.47	0	0	0	0	0	59.02	0	0	510	0	0	0
2009	564.35	547.84	16.51	13.46	18.39	43.13	2.73	0	500.1	0	0	0	0	0	58.27	0	0	489.56	20.44	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.55	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2015	525.1	569.58	-44.48	12.37	17.5	5.63	1.87	0	500.1	0	0	0	0	0	59.58	0	0	510	0	0	0
2016	551.39	563.45	-12.07	13.79	19.01	28.13	2.77	0	501.47	0	0	0	0	0	58.49	0	0	504.97	5.03	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
564.05	551.5	12.55	16.24	22.35	37.13	3.1	0	501.47	0	0	0	0	0	59.02	0	0	492.48	17.52	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--05-91\Dew--05-91.pnd
File Creation Date : Sep 16, 2008 15:13:27
File Last Modified Date : Sep 16, 2008 15:13:27
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2005-1991
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 16, 2008 15:13
SPAW Interface Version : Sep 16, 2008 15:13:27
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.98	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
	ac·ft	ac·ft	ac·ft	in	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft
2005	625.34	476.85	148.49	20.16	25.86	93.75	5.62	0	500.1	0	0	0	0	0	54.93	0	0	421.91	88.09	0	0
2006	529.08	532.51	-3.44	13.22	17.91	8.44	2.62	0	500.1	0	0	0	0	0	57.79	0	0	474.72	35.28	0	0
2007	555.18	551.09	4.09	14.34	19.29	32.81	2.98	0	500.1	0	0	0	0	0	58.15	0	0	492.94	17.06	0	0
2008	557.74	560.46	-2.72	16.74	23.21	29.69	3.37	0	501.47	0	0	0	0	0	58.61	0	0	501.85	8.15	0	0
2009	564.34	545.03	19.31	13.46	18.36	43.13	2.75	0	500.1	0	0	0	0	0	58.18	0	0	486.85	23.15	0	0
2010	586.97	569.31	17.66	21.88	30.09	52.81	3.98	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	566.96	569.7	-2.74	16.16	22.32	41.56	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
2016	551.35	554.84	-3.49	13.79	18.91	28.13	2.84	0	501.47	0	0	0	0	0	58.2	0	0	496.64	13.36	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
ac·ft	ac·ft	ac·ft	in	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft	ac·ft
565.44	553.2	12.24	16.27	22.26	38.48	3.23	0	501.47	0	0	0	0	0	58.62	0	0	494.58	15.42	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--06-92\Dew--06-92.pnd
File Creation Date : Sep 16, 2008 15:36:47
File Last Modified Date : Sep 16, 2008 15:36:47
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2006-1992
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 16, 2008 15:36
SPAW Interface Version : Sep 16, 2008 15:36:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2006	528.05	382.99	145.06	13.13	16.35	8.13	3.47	0	500.1	0	0	0	0	0	53.9	0	0	329.09	180.91	0	0
2007	565.18	551.09	4.09	14.34	19.29	32.81	2.98	0	500.1	0	0	0	0	0	58.15	0	0	492.94	17.06	0	0
2008	556.17	558.89	-2.72	16.74	23.19	28.13	3.37	0	501.47	0	0	0	0	0	58.57	0	0	500.32	9.68	0	0
2009	562.46	543.15	19.31	13.46	18.35	41.25	2.75	0	500.1	0	0	0	0	0	58.14	0	0	485.01	24.99	0	0
2010	564.35	568.14	-3.8	21.88	29.82	30.31	4.11	0	500.1	0	0	0	0	0	58.72	0	0	509.42	0.58	0	0
2011	562.1	568.63	-6.53	16.16	21.92	36.88	3.2	0	500.1	0	0	0	0	0	58.63	0	0	510	0	0	0
2012	563.27	568.95	-5.67	16.9	23.7	35.63	2.48	0	501.47	0	0	0	0	0	58.95	0	0	510	0	0	0
2013	549.94	554.58	-4.64	11.75	16.09	31.88	1.87	0	500.1	0	0	0	0	0	58.5	0	0	496.08	13.92	0	0
2014	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
2015	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
2016	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2020	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
557.22	546.69	10.53	15.86	21.62	31.02	3.11	0	501.47	0	0	0	0	0	58.3	0	0	488.39	21.61	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--07-93\Dew--07-93.pnd
File Creation Date : Sep 16, 2008 15:38:55
File Last Modified Date : Sep 16, 2008 15:38:55
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac. 2007-1993
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 16, 2008 15:38
SPAW Interface Version : Sep 16, 2008 15:38:55
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2007	554.63	405.49	149.15	14.34	17.86	32.81	3.86	0	500.1	0	0	0	0	0	54.18	0	0	351.31	158.69	0	0
2008	544.26	546.99	-2.72	16.74	23.13	16.25	3.41	0	501.47	0	0	0	0	0	58.3	0	0	488.68	21.32	0	0
2009	560.89	541.58	19.31	13.46	18.34	39.69	2.76	0	500.1	0	0	0	0	0	58.1	0	0	483.48	26.52	0	0
2010	569.08	568.93	0.15	21.88	29.93	35	4.05	0	500.1	0	0	0	0	0	58.93	0	0	510	0	0	0
2011	562.13	568.8	-6.67	16.16	21.98	36.88	3.17	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2012	563.3	569.11	-5.81	16.9	23.76	35.63	2.45	0	501.47	0	0	0	0	0	59.11	0	0	510	0	0	0
2013	549.96	558.28	-8.32	11.75	16.13	31.88	1.85	0	500.1	0	0	0	0	0	58.62	0	0	499.65	10.35	0	0
2014	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
2015	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
2016	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2020	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
2021	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
561.59	548.8	12.78	16.47	22.5	34.4	3.22	0	501.47	0	0	0	0	0	58.4	0	0	490.4	19.6	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--80-94\Dew--80-94.pnd
File Creation Date : Sep 16, 2008 11:04:20
File Last Modified Date : Sep 16, 2008 13:05:46
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1980-1994
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 16, 2008 13:05
SPAW Interface Version : Sep 16, 2008 13:05:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1980	549.55	403.13	146.42	16.33	20.8	22.81	4.46	0	501.47	0	0	0	0	0	54.34	0	0	348.79	161.21	0	0
1981	560.89	541.58	19.31	13.46	18.34	39.69	2.76	0	500.1	0	0	0	0	0	58.1	0	0	483.48	26.52	0	0
1982	553.4	565.59	-12.19	21.88	29.8	19.38	4.12	0	500.1	0	0	0	0	0	58.66	0	0	506.93	3.07	0	0
1983	562.05	566.19	-4.14	16.16	21.8	36.88	3.27	0	500.1	0	0	0	0	0	58.29	0	0	507.89	2.11	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
558.86	548.06	10.8	16.29	22.22	31.98	3.19	0	501.47	0	0	0	0	0	58.34	0	0	489.72	20.28	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--81-95\Dew--81-95.pnd
File Creation Date : Sep 16, 2008 13:32:11
File Last Modified Date : Sep 16, 2008 13:42:23
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1981-1995
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 16, 2008 13:42
SPAW Interface Version : Sep 16, 2008 13:42:23
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
	ac-ft	ac-ft	ac-ft	in	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
1981	552.18	386.45	165.73	13.46	16.94	31.56	3.57	0	500.1	0	0	0	0	0	54.13	0	0	332.31	177.69	0	0
1982	553.09	565.59	-12.5	21.88	29.79	19.06	4.12	0	500.1	0	0	0	0	0	58.66	0	0	506.93	3.07	0	0
1983	562.05	565.87	-3.83	16.16	21.79	36.88	3.28	0	500.1	0	0	0	0	0	58.28	0	0	507.59	2.41	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
ac-ft	ac-ft	ac-ft	in	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
558.62	546.53	12.09	16.42	22.39	31.58	3.17	0	501.47	0	0	0	0	0	58.33	0	0	488.2	21.8	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--82-96\Dew--82-96.pnd
File Creation Date : Sep 16, 2008 11:07:40
File Last Modified Date : Sep 16, 2008 13:55:06
Description : 450 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1982-1996
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 16, 2008 13:55
SPAW Interface Version : Sep 16, 2008 13:55:05
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1982	551.94	398.71	153.23	21.83	27.32	19.06	5.45	0	500.1	0	0	0	0	0	54.06	0	0	344.65	165.35	0	0
1983	555.15	558.98	-3.83	16.16	21.75	30	3.3	0	500.1	0	0	0	0	0	58.15	0	0	500.83	9.17	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
557.84	547.05	10.79	16.69	22.71	30.42	3.25	0	501.47	0	0	0	0	0	58.32	0	0	488.73	21.27	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--83-97\Dew--83-97.pnd
File Creation Date : Sep 16, 2008 11:09:10
File Last Modified Date : Sep 16, 2008 13:56:41
Description : 450 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1983-1997
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 16, 2008 13:56
SPAW Interface Version : Sep 16, 2008 13:56:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.80
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
1983	549.95	400.55	149.4	16.08	19.96	25.63	4.26	0	500.1	0	0	0	0	0	53.93	0	0	346.61	163.39	0	0
1984	552.25	556.61	-4.36	16.9	23.55	24.69	2.55	0	501.47	0	0	0	0	0	58.52	0	0	498.1	11.9	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
558.21	546.71	11.49	16.42	22.39	31.19	3.15	0	501.47	0	0	0	0	0	58.34	0	0	488.38	21.62	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--84-98\Dew--84-98.pnd
File Creation Date : Sep 16, 2008 11:11:14
File Last Modified Date : Sep 16, 2008 14:00:19
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1984-1998
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 16, 2008 14:00
SPAW Interface Version : Sep 16, 2008 14:00:19
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--84-98 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--84-98\Dew 15 yr--84-98.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--84-98 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--84-98\Dew 15 yr--84-98.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1984	538.28	393.23	145.05	15.65	19.92	13.75	3.14	0	501.47	0	0	0	0	0	54.16	0	0	339.07	170.93	0	0
1985	549.61	549.57	0.04	11.75	16.05	31.56	1.89	0	500.1	0	0	0	0	0	58.34	0	0	491.23	18.77	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.88	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
563.97	547.04	16.92	16.88	23.05	36.19	3.26	0	501.47	0	0	0	0	0	58.43	0	0	488.61	21.39	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--85-99\Dew--85-99.pnd
File Creation Date : Sep 16, 2008 11:12:39
File Last Modified Date : Sep 16, 2008 14:06:17
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1985-1999
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 16, 2008 14:06
SPAW Interface Version : Sep 16, 2008 14:06:16
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\Dew 15 yr--85-99.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\Dew 15 yr--85-99.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1985	549.09	404	145.09	11.75	14.89	31.56	2.54	0	500.1	0	0	0	0	0	54.34	0	0	349.66	160.34	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.58	549.35	19.23	16.98	23.35	40.52	3.24	0	501.47	0	0	0	0	0	58.79	0	0	490.57	19.43	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--86-00\Dew--86-00.pnd
File Creation Date : Sep 16, 2008 11:16:27
File Last Modified Date : Sep 16, 2008 14:07:42
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1986-2000
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 16, 2008 14:07
SPAW Interface Version : Sep 16, 2008 14:07:42
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1986	598.32	415.02	183.3	22.02	27.67	64.38	6.16	0	500.1	0	0	0	0	0	54.54	0	0	360.48	149.52	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	588.54	568.75	19.79	19.14	26.21	58.13	4.1	0	500.1	0	0	0	0	0	58.75	0	0	510	0	0	0
1991	567.58	569.48	-1.89	15.03	21.37	43.75	2.36	0	500.1	0	0	0	0	0	59.48	0	0	510	0	0	0
1992	535.82	558.04	-22.22	14.07	19.43	12.81	2.11	0	501.47	0	0	0	0	0	58.56	0	0	499.48	10.52	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.11	550.68	19.43	17.06	23.55	41.88	3.21	0	501.47	0	0	0	0	0	59.18	0	0	491.51	18.49	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--87-01\Dew--87-01.pnd
File Creation Date : Sep 16, 2008 12:34:17
File Last Modified Date : Sep 16, 2008 14:09:04
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1987-2001
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 16, 2008 14:09
SPAW Interface Version : Sep 16, 2008 14:09:03
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--87-01 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--87-01\Dew 15 yr--87-01.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--87-01 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--87-01\Dew 15 yr--87-01.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1987	521.15	376.23	144.92	12.37	15.52	2.5	3.03	0	500.1	0	0	0	0	0	53.91	0	0	322.32	187.68	0	0
1988	536.63	538.13	-1.5	13.79	18.8	13.44	2.92	0	501.47	0	0	0	0	0	57.84	0	0	480.28	29.72	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.87	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	581.34	568.67	12.67	19.14	26.18	50.94	4.12	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1991	567.54	569.17	-1.64	15.03	21.27	43.75	2.42	0	500.1	0	0	0	0	0	59.17	0	0	510	0	0	0
1992	535.78	551.15	-15.37	14.07	19.34	12.81	2.15	0	501.47	0	0	0	0	0	58.34	0	0	492.81	17.19	0	0
1993	602.44	568.97	33.47	22.3	30.88	67.19	4.27	0	500.1	0	0	0	0	0	58.97	0	0	510	0	0	0
1994	524.33	553.77	-29.44	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.65	0	0	495.12	14.88	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
566.64	547.43	19.2	16.8	23.37	38.75	3.04	0	501.47	0	0	0	0	0	59.41	0	0	488.03	21.97	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--88-02\Dew--88-02.pnd
File Creation Date : Sep 16, 2008 12:36:02
File Last Modified Date : Sep 16, 2008 14:10:46
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1988-2002
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 16, 2008 14:10
SPAW Interface Version : Sep 16, 2008 14:10:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--88-02 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--88-02\Dew 15 yr--88-02.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--88-02 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--88-02\Dew 15 yr--88-02.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1988	535.47	392.05	143.42	13.4	16.71	13.44	3.84	0	501.47	0	0	0	0	0	53.98	0	0	338.07	171.93	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	581.34	568.67	12.67	19.14	26.18	50.94	4.12	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1991	567.54	569.17	-1.64	15.03	21.27	43.75	2.42	0	500.1	0	0	0	0	0	59.17	0	0	510	0	0	0
1992	535.78	551.15	-15.37	14.07	19.34	12.81	2.15	0	501.47	0	0	0	0	0	58.34	0	0	492.81	17.19	0	0
1993	602.44	568.97	33.47	22.3	30.88	67.19	4.27	0	500.1	0	0	0	0	0	58.97	0	0	510	0	0	0
1994	524.33	553.77	-29.44	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.65	0	0	495.12	14.88	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
567.24	550.79	16.46	16.82	23.46	39.29	3.01	0	501.47	0	0	0	0	0	59.73	0	0	491.06	18.94	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--89-03\Dew--89-03.pnd
File Creation Date : Sep 16, 2008 12:38:15
File Last Modified Date : Sep 16, 2008 14:12:11
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1989-2003
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 16, 2008 14:12
SPAW Interface Version : Sep 16, 2008 14:12:10
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
1989	524.44	376.59	147.85	15.49	19.17	0.94	4.23	0	500.1	0	0	0	0	0	53.89	0	0	322.7	187.3	0	0
1990	580.4	568.64	11.76	19.14	26.17	50	4.13	0	500.1	0	0	0	0	0	58.64	0	0	510	0	0	0
1991	567.53	569.13	-1.6	15.03	21.25	43.75	2.42	0	500.1	0	0	0	0	0	59.13	0	0	510	0	0	0
1992	535.46	549.95	-14.49	14.07	19.33	12.5	2.16	0	501.47	0	0	0	0	0	58.3	0	0	491.65	18.35	0	0
1993	601.81	568.96	32.85	22.3	30.88	66.56	4.27	0	500.1	0	0	0	0	0	58.96	0	0	510	0	0	0
1994	524.33	553.16	-28.83	12	16.43	5.63	2.16	0	500.1	0	0	0	0	0	58.63	0	0	494.52	15.48	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
567.53	553.01	14.52	16.9	23.68	39.44	2.94	0	501.47	0	0	0	0	0	59.98	0	0	493.03	16.97	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--90-04\Dew--90-04.pnd
File Creation Date : Sep 16, 2008 14:22:34
File Last Modified Date : Sep 16, 2008 14:22:34
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1990-2004
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 16, 2008 14:22
SPAW Interface Version : Sep 16, 2008 14:22:34
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--90-04\Dew 15 yr--90-04.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--90-04\Dew 15 yr--90-04.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1990	574.82	425.57	149.25	19.11	23.99	45.31	5.4	0	500.1	0	0	0	0	0	54.12	0	0	371.44	138.56	0	0
1991	562.15	566.79	-4.64	15.03	21.09	38.44	2.52	0	500.1	0	0	0	0	0	58.61	0	0	508.18	1.82	0	0
1992	534.12	535.2	-1.08	14.07	19.16	11.25	2.24	0	501.47	0	0	0	0	0	57.86	0	0	477.35	32.65	0	0
1993	579.88	568.59	11.29	22.3	30.76	44.69	4.33	0	500.1	0	0	0	0	0	58.59	0	0	510	0	0	0
1994	524.24	531.51	-7.27	12	16.26	5.63	2.25	0	500.1	0	0	0	0	0	57.94	0	0	473.57	36.43	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
565.71	553.73	11.99	16.84	23.53	37.77	2.93	0	501.47	0	0	0	0	0	59.91	0	0	493.81	16.19	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--91-05\Dew--91-05.pnd
File Creation Date : Sep 16, 2008 14:29:45
File Last Modified Date : Sep 16, 2008 14:29:45
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1991-2005
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 16, 2008 14:29
SPAW Interface Version : Sep 16, 2008 14:29:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1991	539.4	394.8	144.6	14.99	19.1	16.56	3.63	0	500.1	0	0	0	0	0	54.07	0	0	340.72	169.28	0	0
1992	534.12	535.2	-1.08	14.07	19.16	11.25	2.24	0	501.47	0	0	0	0	0	57.86	0	0	477.35	32.65	0	0
1993	577.05	568.49	8.56	22.3	30.72	41.88	4.35	0	500.1	0	0	0	0	0	58.49	0	0	510	0	0	0
1994	524.23	528.77	-4.54	12	16.23	5.63	2.26	0	500.1	0	0	0	0	0	57.85	0	0	470.91	39.09	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.11	551.79	17.32	16.9	23.73	41.02	2.88	0	501.47	0	0	0	0	0	60.08	0	0	491.71	18.29	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--92-06\Dew--92-06.pnd
File Creation Date : Sep 16, 2008 14:31:28
File Last Modified Date : Sep 16, 2008 14:31:28
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1992-2006
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 16, 2008 14:31
SPAW Interface Version : Sep 16, 2008 14:31:28
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1992	533.34	389.82	143.52	14.07	17.52	11.25	3.09	0	501.47	0	0	0	0	0	54.03	0	0	335.79	174.21	0	0
1993	568.91	561.03	7.88	22.3	30.69	33.75	4.36	0	500.1	0	0	0	0	0	58.38	0	0	502.65	7.35	0	0
1994	524.22	528.08	-3.85	12	16.23	5.63	2.27	0	500.1	0	0	0	0	0	57.83	0	0	470.24	39.76	0	0
1995	548.63	530.53	18.1	18.32	24.84	20.31	3.37	0	500.1	0	0	0	0	0	57.99	0	0	472.54	37.46	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0
2006	536.12	571.5	-35.38	13.22	19.04	15	1.98	0	500.1	0	0	0	0	0	61.5	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
567.96	553	14.96	16.79	23.62	40.04	2.83	0	501.47	0	0	0	0	0	60.31	0	0	492.69	17.31	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--93-07\Dew--93-07.pnd
File Creation Date : Sep 16, 2008 14:44:30
File Last Modified Date : Sep 16, 2008 14:44:30
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1993-2007
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 16, 2008 14:44
SPAW Interface Version : Sep 16, 2008 14:44:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1993	565.56	414.16	151.4	21.42	27.05	32.81	5.59	0	500.1	0	0	0	0	0	54.23	0	0	359.93	150.07	0	0
1994	524.22	528.08	-3.85	12	16.23	5.63	2.27	0	500.1	0	0	0	0	0	57.83	0	0	470.24	39.76	0	0
1995	548.63	530.53	18.1	18.32	24.84	20.31	3.37	0	500.1	0	0	0	0	0	57.99	0	0	472.54	37.46	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0
2006	536.12	571.5	-35.38	13.22	19.04	15	1.98	0	500.1	0	0	0	0	0	61.5	0	0	510	0	0	0
2007	555.52	570.57	-15.05	14.34	20.1	32.81	2.51	0	500.1	0	0	0	0	0	60.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.43	555.27	14.16	16.82	23.65	41.42	2.89	0	501.47	0	0	0	0	0	60.47	0	0	494.79	15.21	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--94-80\Dew--94-80.pnd
File Creation Date : Sep 16, 2008 14:46:58
File Last Modified Date : Sep 16, 2008 14:46:58
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1994-1980
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 16, 2008 14:46
SPAW Interface Version : Sep 16, 2008 14:46:58
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--94-80 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--94-80\Dew 15 yr--94-80.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--94-80 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--94-80\Dew 15 yr--94-80.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1994	523.64	376.1	147.54	12	15.01	5.63	2.91	0	500.1	0	0	0	0	0	53.93	0	0	322.17	187.83	0	0
1995	546.43	528.33	18.1	18.32	24.83	18.13	3.37	0	500.1	0	0	0	0	0	57.94	0	0	470.39	39.61	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	576.7	568.67	8.03	17.73	24.48	49.06	3.05	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1998	650.91	569.7	81.21	24.29	33.31	112.19	5.31	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
1999	606.66	573.29	33.37	17.17	25.62	78.75	2.18	0	500.1	0	0	0	0	0	63.29	0	0	510	0	0	0
2000	578.93	574.5	4.44	14.51	21.96	54.06	1.43	0	501.47	0	0	0	0	0	64.5	0	0	510	0	0	0
2001	570.48	573.77	-3.29	18.1	27.11	40.94	2.34	0	500.1	0	0	0	0	0	63.77	0	0	510	0	0	0
2002	531.4	572.52	-41.12	13.1	18.96	10.63	1.71	0	500.1	0	0	0	0	0	62.52	0	0	510	0	0	0
2003	541.01	571.35	-30.34	14.69	21.24	17.5	2.16	0	500.1	0	0	0	0	0	61.35	0	0	510	0	0	0
2004	528.88	569.41	-40.53	12.19	16.36	9.06	1.98	0	501.47	0	0	0	0	0	59.41	0	0	510	0	0	0
2005	651.38	571.3	80.08	20.16	28.98	118.75	3.54	0	500.1	0	0	0	0	0	61.3	0	0	510	0	0	0
2006	536.11	571.41	-35.3	13.22	19.02	15	1.99	0	500.1	0	0	0	0	0	61.41	0	0	510	0	0	0
2007	555.51	570.49	-14.98	14.34	20.07	32.81	2.52	0	500.1	0	0	0	0	0	60.49	0	0	510	0	0	0
2008	562.97	570.31	-7.35	16.74	23.85	34.69	2.95	0	501.47	0	0	0	0	0	60.31	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.66	555.32	13.34	16.43	23.22	41.21	2.75	0	501.47	0	0	0	0	0	60.54	0	0	494.78	15.22	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--95-81\Dew--95-81.pnd
File Creation Date : Sep 16, 2008 14:49:40
File Last Modified Date : Sep 16, 2008 14:49:41
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1995-1981
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 16, 2008 14:49
SPAW Interface Version : Sep 16, 2008 14:49:40
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--95-81 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--95-81\Dew 15 yr--95-81.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--95-81 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--95-81\Dew 15 yr--95-81.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1995	542.95	377.31	165.64	18.14	22.89	15.94	4.02	0	500.1	0	0	0	0	0	54.08	0	0	323.23	186.77	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	566.95	568.35	-1.39	17.73	24.37	39.38	3.11	0	500.1	0	0	0	0	0	58.35	0	0	510	0	0	0
1998	650.21	569.29	80.92	24.29	33.08	111.56	5.46	0	500.1	0	0	0	0	0	59.29	0	0	510	0	0	0
1999	606.59	572.89	33.71	17.17	25.47	78.75	2.27	0	500.1	0	0	0	0	0	62.89	0	0	510	0	0	0
2000	578.88	574.12	4.77	14.51	21.84	54.06	1.51	0	501.47	0	0	0	0	0	64.12	0	0	510	0	0	0
2001	570.43	573.4	-2.97	18.1	26.95	40.94	2.43	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2002	531.34	572.16	-40.81	13.1	18.85	10.63	1.77	0	500.1	0	0	0	0	0	62.16	0	0	510	0	0	0
2003	540.96	571	-30.04	14.69	21.12	17.5	2.23	0	500.1	0	0	0	0	0	61	0	0	510	0	0	0
2004	528.83	567.76	-38.94	12.19	16.27	9.06	2.02	0	501.47	0	0	0	0	0	59.07	0	0	508.69	1.31	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.42	557.78	12.65	16.52	23.24	42.88	2.83	0	501.47	0	0	0	0	0	60.37	0	0	497.41	12.59	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--96-82\Dew--96-82.pnd
File Creation Date : Sep 16, 2008 14:51:02
File Last Modified Date : Sep 16, 2008 14:51:03
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1996-1982
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 16, 2008 14:51
SPAW Interface Version : Sep 16, 2008 14:51:02
Pond Model Version : 8.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82	375.00

C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1996	543.74	396.28	147.46	17.59	22.24	15.63	4.4	0	501.47	0	0	0	0	0	54.2	0	0	342.08	167.92	0	0
1997	557.25	559.86	-2.61	17.73	24.34	29.69	3.12	0	500.1	0	0	0	0	0	58.22	0	0	501.63	8.37	0	0
1998	647.69	569.2	78.49	24.29	33.03	109.06	5.49	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
1999	598.4	572.44	25.96	17.17	25.3	70.63	2.37	0	500.1	0	0	0	0	0	62.44	0	0	510	0	0	0
2000	578.82	573.65	5.17	14.51	21.68	54.06	1.6	0	501.47	0	0	0	0	0	63.65	0	0	510	0	0	0
2001	570.36	572.95	-2.59	18.1	26.77	40.94	2.55	0	500.1	0	0	0	0	0	62.95	0	0	510	0	0	0
2002	531.28	571.72	-40.44	13.1	18.72	10.63	1.83	0	500.1	0	0	0	0	0	61.72	0	0	510	0	0	0
2003	540.9	570.57	-29.67	14.69	20.98	17.5	2.31	0	500.1	0	0	0	0	0	60.57	0	0	510	0	0	0
2004	528.77	557.86	-29.08	12.19	16.18	9.06	2.06	0	501.47	0	0	0	0	0	58.74	0	0	499.11	10.89	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
571.57	557.76	13.81	16.77	23.53	43.63	2.94	0	501.47	0	0	0	0	0	60.24	0	0	497.52	12.48	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--97-83\Dew--97-83.pnd
File Creation Date : Sep 16, 2008 14:52:47
File Last Modified Date : Sep 16, 2008 14:52:48
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1997-1983
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 16, 2008 14:52
SPAW Interface Version : Sep 16, 2008 14:52:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\Dew 15 yr--97-83.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\Dew 15 yr--97-83.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1997	555.36	410.51	144.85	17.73	22.18	28.75	4.32	0	500.1	0	0	0	0	0	54.06	0	0	356.45	153.55	0	0
1998	612	568.91	43.09	24.29	32.84	73.44	5.62	0	500.1	0	0	0	0	0	58.91	0	0	510	0	0	0
1999	598.17	570.96	27.2	17.17	24.73	70.63	2.71	0	500.1	0	0	0	0	0	60.96	0	0	510	0	0	0
2000	578.62	572.24	6.38	14.51	21.22	54.06	1.87	0	501.47	0	0	0	0	0	62.24	0	0	510	0	0	0
2001	570.15	571.58	-1.43	18.1	26.2	40.94	2.91	0	500.1	0	0	0	0	0	61.58	0	0	510	0	0	0
2002	531.08	570.38	-39.3	13.1	18.32	10.63	2.03	0	500.1	0	0	0	0	0	60.38	0	0	510	0	0	0
2003	540.71	569.27	-28.56	14.69	20.55	17.5	2.56	0	500.1	0	0	0	0	0	59.27	0	0	510	0	0	0
2004	528.61	528.16	0.45	12.19	15.93	9.06	2.15	0	501.47	0	0	0	0	0	57.8	0	0	470.37	39.63	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	81.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.75	556.93	13.82	16.74	23.3	42.92	3.05	0	501.47	0	0	0	0	0	59.8	0	0	497.12	12.88	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--98-84\Dew--98-84.pnd
File Creation Date : Sep 16, 2008 14:58:35
File Last Modified Date : Sep 16, 2008 14:58:36
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1998-1984
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 16, 2008 14:58
SPAW Interface Version : Sep 16, 2008 14:58:35
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\Dew 15 yr--98-84.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\Dew 15 yr--98-84.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.98	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1998	593.88	419.31	174.56	24.29	30.47	56.25	7.06	0	500.1	0	0	0	0	0	54.41	0	0	364.91	145.09	0	0
1999	586.47	570.05	16.42	17.17	24.42	59.06	2.89	0	500.1	0	0	0	0	0	60.05	0	0	510	0	0	0
2000	578.48	571.23	7.25	14.51	20.89	54.06	2.06	0	501.47	0	0	0	0	0	61.23	0	0	510	0	0	0
2001	567.19	570.56	-3.37	18.1	25.79	38.13	3.16	0	500.1	0	0	0	0	0	60.56	0	0	510	0	0	0
2002	530.92	569.32	-38.4	13.1	18	10.63	2.19	0	500.1	0	0	0	0	0	59.32	0	0	510	0	0	0
2003	540.58	552.67	-12.09	14.69	20.23	17.5	2.74	0	500.1	0	0	0	0	0	58.39	0	0	494.28	15.72	0	0
2004	528.58	520.27	8.31	12.19	15.87	9.06	2.17	0	501.47	0	0	0	0	0	57.55	0	0	462.71	47.29	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0
2012	563.52	570.24	-6.72	16.9	24.19	35.63	2.23	0	501.47	0	0	0	0	0	60.24	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.86	555.7	13.17	16.62	23.06	41.27	3.08	0	501.47	0	0	0	0	0	59.57	0	0	496.13	13.87	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--99-85\Dew--99-85.pnd
File Creation Date : Sep 16, 2008 15:00:42
File Last Modified Date : Sep 16, 2008 15:00:42
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1999-1985
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 16, 2008 15:00
SPAW Interface Version : Sep 16, 2008 15:00:42
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1999	550.68	407.06	143.62	17.17	21.69	24.38	4.52	0	500.1	0	0	0	0	0	54.08	0	0	352.98	157.02	0	0
2000	578.21	569.23	8.98	14.51	20.23	54.06	2.44	0	501.47	0	0	0	0	0	59.23	0	0	510	0	0	0
2001	566.9	568.62	-1.73	18.1	25	38.13	3.67	0	500.1	0	0	0	0	0	58.62	0	0	510	0	0	0
2002	530.68	537.18	-6.5	13.1	17.51	10.63	2.45	0	500.1	0	0	0	0	0	57.75	0	0	479.43	30.57	0	0
2003	540.52	540.51	0	14.69	20.09	17.5	2.83	0	500.1	0	0	0	0	0	58	0	0	482.52	27.48	0	0
2004	528.58	520.27	8.31	12.19	15.87	9.06	2.17	0	501.47	0	0	0	0	0	57.55	0	0	462.71	47.29	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0
2012	563.52	570.24	-6.72	16.9	24.19	35.63	2.23	0	501.47	0	0	0	0	0	60.24	0	0	510	0	0	0
2013	550.08	569.62	-19.53	11.75	16.39	31.88	1.71	0	500.1	0	0	0	0	0	59.62	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
563.5	551.64	11.87	15.78	21.8	37.33	2.89	0	501.47	0	0	0	0	0	59.13	0	0	492.51	17.49	0	0

POWERTECH (USA) INC.

SPAW MODEL RESULTS

BURDOCK FIELD

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--80-94\Bur 15 yr--80-94.spw
File Creation Date : Sep 17, 2008 09:25:56
File Last Modified Date : Sep 17, 2008 09:25:56
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 17, 2008 09:25
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--80-94\Bur 15 yr--80-94.fld (Sep 16, 200800:00)
Climate : Dewey Burdock 81-94 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Air Temperature : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1980	44.04	26.22	6.93	12.26	7.03	16.33	12.27	0.27	21.3	0.49	0	1.61	17.5	0
1981	44	25.29	7.05	11.78	6.45	13.46	12.27	1.01	18.26	-0.17	0	-0.4	19.62	0
1982	44	28.2	8.4	11.27	8.53	21.88	12.27	0.3	25.33	1.45	0	4.21	8.57	0
1983	44	27.8	8.21	12.11	7.48	16.16	12.27	2.11	18.84	-0.46	0	-1.02	4.23	0
1984	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.02	-0.12	0	-0.87	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.27	0
1986	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.33	7.98	11.99	7.35	16.29	12.27	0.99	20.22	0.06	0	0.19	7.9	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.spw
File Creation Date : Sep 17, 2008 09:27:28
File Last Modified Date : Sep 17, 2008 09:27:29
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 17, 2008 09:27
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 81-95 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Air Temperature : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8; TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1981	44	24.09	6.92	10.71	6.45	13.46	12.27	1.01	18.26	0.05	0	0.58	49.16	0
1982	44	27.9	8.07	11.3	8.53	21.88	12.27	0.3	25.33	1.56	0	4.4	13.69	0
1983	44	27.59	7.96	12.15	7.48	16.16	12.27	1.75	19.2	-0.3	0	-0.61	4.3	0
1984	44.04	29.08	9.23	11.78	8.07	16.89	12.27	1.04	20.04	-0.12	0	-0.85	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.28	0
1986	44	28.86	8.97	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.39	8.04	11.87	7.48	16.42	12.27	0.98	20.24	0.08	0	0.25	9.43	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.spw
File Creation Date : Sep 17, 2008 09:28:51
File Last Modified Date : Sep 17, 2008 09:28:52
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 17, 2008 09:28
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 82-96 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.txt (Sep 16, 2008 00:00)
Air Temperature : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1982	44	27.65	7.93	11.24	8.48	21.83	12.27	0.3	25.33	1.49	0	4.67	26.36	0
1983	44	27.46	7.8	12.18	7.48	16.16	12.27	1.47	19.48	-0.18	0	-0.32	4.35	0
1984	44.04	29.07	9.22	11.78	8.07	16.89	12.27	1.02	20.06	-0.11	0	-0.83	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.29	0
1986	44	28.86	8.97	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.62	8.11	11.95	7.56	16.7	12.27	0.94	20.46	0.09	0	0.31	7.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.spw
File Creation Date : Sep 17, 2008 09:29:54
File Last Modified Date : Sep 17, 2008 09:29:55
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 17, 2008 09:29
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 83-97 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Air Temperature : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1983	44	25.59	6.69	11.5	7.4	16.08	12.27	0.32	20.64	0.45	0	1.99	41.39	0
1984	44.04	28.1	8.09	11.94	8.07	16.89	12.27	0.44	20.65	0.4	0	0.22	8.14	0
1985	44	24.87	6.91	11.47	6.49	11.75	12.27	1.02	16.51	-0.58	0	-1.29	21.57	0
1986	44	28.53	8.59	11.6	8.34	23.59	12.27	1.23	26.29	1.5	0	4.6	4.15	0
1987	44	27.45	8.51	12.57	6.38	12.36	12.27	0.84	17.41	-0.8	0	-2.86	6.45	0
1988	44.04	25.79	6.87	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.72	0
1989	44	26.39	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.34	0
1990	44	29.03	9.45	12	7.57	19.14	12.27	0.95	22.88	0.4	0	1.03	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.41	8	11.9	7.51	16.42	12.27	0.94	20.24	0.09	0	0.26	9.13	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.spw
File Creation Date : Sep 17, 2008 09:31:18
File Last Modified Date : Sep 17, 2008 09:31:19
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 17, 2008 09:31
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 84-98 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.bd (Sep 16, 2008 00:00)
Air Temperature : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.bd (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1984	44.04	26.52	7.35	11.36	7.82	15.65	12.27	0.44	19.66	0.2	0	0.75	34.5	0
1985	44	23.68	6.7	10.48	6.49	11.75	12.27	1.02	16.51	-0.22	0	-0.46	39.21	0
1986	44	28.31	8.35	11.62	8.34	23.59	12.27	1.23	26.29	1.6	0	4.73	5.43	0
1987	44	27.11	8.12	12.61	6.38	12.36	12.27	0.58	17.67	-0.62	0	-2.44	6.65	0
1988	44.04	25.76	6.85	12.51	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.15	6.96	0
1989	44	26.38	6.84	12.17	7.36	15.58	12.27	0.04	20.45	0.15	0	1.29	6.52	0
1990	44	29.02	9.44	12.01	7.57	19.14	12.27	0.93	22.91	0.41	0	1.06	3.68	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.18	17.83	-0.54	0	-1.97	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.54	8.22	11.78	7.55	16.88	12.27	1.08	20.53	0.13	0	0.4	9.67	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.spw
File Creation Date : Sep 17, 2008 09:32:43
File Last Modified Date : Sep 17, 2008 09:32:43
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 17, 2008 09:32
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 85-99 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.bd (Sep 16, 2008 00:00)
Air Temperature : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.bd (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1985	44	22.95	6.62	9.84	6.49	11.75	12.27	1.02	16.51	-0.08	0	0.13	56.26	0
1986	44	28.25	8.3	11.61	8.34	23.59	12.27	1.23	26.29	1.61	0	4.77	5.95	0
1987	44	27.04	8.05	12.62	6.38	12.36	12.27	0.5	17.75	-0.58	0	-2.34	6.73	0
1988	44.04	25.75	6.84	12.51	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.14	7.05	0
1989	44	26.37	6.84	12.17	7.36	15.58	12.27	0.04	20.45	0.15	0	1.3	6.58	0
1990	44	29.01	9.43	12.01	7.57	19.14	12.27	0.92	22.92	0.41	0	1.07	3.69	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.17	17.84	-0.54	0	-1.96	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.65	8.36	11.76	7.53	16.98	12.27	1.29	20.43	0.08	0	0.23	8.84	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.spw
File Creation Date : Sep 17, 2008 09:33:55
File Last Modified Date : Sep 17, 2008 09:33:56
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 17, 2008 09:33
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 86-00 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Air Temperature : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	In	in	in		
1986	44	27.5	7.85	11.53	8.11	22.03	12.27	1.23	24.96	1.26	0	4.31	13.67	0
1987	44	26.79	7.76	12.66	6.38	12.36	12.27	0.1	18.16	-0.34	0	-1.91	7.27	0
1988	44.04	25.7	6.79	12.51	6.4	13.79	12.27	0.42	19.23	0.03	0	-0.1	7.57	0
1989	44	26.33	6.82	12.14	7.36	15.58	12.27	0.04	20.45	0.15	0	1.34	7	0
1990	44	28.98	9.39	12.02	7.57	19.14	12.27	0.87	22.97	0.43	0	1.12	3.7	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.15	17.86	-0.53	0	-1.95	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.87	8.4	11.9	7.57	17.06	12.27	1.29	20.47	0.05	0	0.13	6.22	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.spw
File Creation Date : Sep 17, 2008 09:35:25
File Last Modified Date : Sep 17, 2008 09:35:26
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 17, 2008 09:35
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 87-01climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8701 - Jan 01, 1987 to Dec 31, 2001
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.txt (Sep 16, 2008 00:00)
Air Temperature : SD8701 - Jan 01, 1987 to Dec 31, 2001
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1987	44	24.33	6.68	11.27	6.38	12.36	12.27	0.08	18.17	-0.02	0	0.24	40.16	0
1988	44.04	24.74	6.45	11.89	6.4	13.79	12.27	0.42	19.23	0.37	0	0.52	27.01	0
1989	44	25.53	6.64	11.52	7.36	15.58	12.27	0.04	20.45	0.33	0	1.96	18.54	0
1990	44	28.47	8.73	12.17	7.57	19.14	12.27	0.64	23.19	0.68	0	1.61	4.37	0
1991	44	27.53	7.98	12.26	7.29	15.03	12.27	1.65	18.36	-0.37	0	-1.51	6.66	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.89	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.62	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.23	11.78	7.52	16.8	12.27	1.24	20.31	0.07	0	0.23	10.01	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.spw
File Creation Date : Sep 17, 2008 09:36:26
File Last Modified Date : Sep 17, 2008 09:36:26
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 17, 2008 09:36
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 88-02 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8802 - Jan 01, 1988 to Dec 31, 2002
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.txt (Sep 16, 2008 00:00)
Air Temperature : SD8802 - Jan 01, 1988 to Dec 31, 2002
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1988	44.04	24.38	6.3	11.69	6.39	13.4	12.27	0.42	18.85	0.25	0	0.61	37.37	0
1989	44	25.4	6.61	11.42	7.36	15.58	12.27	0.04	20.45	0.39	0	2.03	20.73	0
1990	44	28.43	8.68	12.18	7.57	19.14	12.27	0.64	23.19	0.7	0	1.63	4.46	0
1991	44	27.52	7.96	12.26	7.29	15.03	12.27	1.6	18.42	-0.35	0	-1.46	6.67	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.89	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.62	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.62	8.24	11.85	7.54	16.82	12.27	1.25	20.31	0.06	0	0.16	8.61	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.spw
File Creation Date : Sep 17, 2008 09:37:40
File Last Modified Date : Sep 17, 2008 09:37:41
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 17, 2008 09:37
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 89-03 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Air Temperature : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1989	44	24.78	6.49	11	7.29	15.49	12.27	0.04	20.42	0.52	0	2.41	33.15	0
1990	44	28.33	8.56	12.2	7.57	19.14	12.27	0.64	23.19	0.76	0	1.68	4.8	0
1991	44	27.48	7.92	12.27	7.29	15.03	12.27	1.4	18.61	-0.29	0	-1.3	6.69	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.92	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.61	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.74	8.28	11.86	7.6	16.9	12.27	1.23	20.35	0.06	0	0.15	7.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.spw
File Creation Date : Sep 17, 2008 09:38:37
File Last Modified Date : Sep 17, 2008 09:38:37
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 17, 2008 09:38
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 90-04 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Air Temperature : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1990	44	27.45	7.94	11.97	7.54	19.11	12.27	0.64	23.19	0.67	0	2.62	19.51	0
1991	44	27.1	7.54	12.28	7.29	15.03	12.27	0.25	19.76	0.21	0	-0.26	9.16	0
1992	44.04	26.25	7.1	12.05	7.11	14.08	12.27	0.28	18.96	0.01	0	-0.2	9.69	0
1993	44	28.88	8.76	11.11	9.01	22.31	12.27	2.3	23.26	0.53	0	2.87	3.61	0
1994	44	26.74	7.56	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7.03	0
1995	44	28.87	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.95	5.73	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.75	21.29	0.27	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.29	19.98	-0.12	0	-0.82	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.68	8.2	11.89	7.58	16.84	12.27	1.14	20.38	0.03	0	0.26	7.45	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.spw
File Creation Date : Sep 17, 2008 09:39:36
File Last Modified Date : Sep 17, 2008 09:39:36
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 17, 2008 09:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 91-05 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Air Temperature : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1991	44	25.78	6.99	11.53	7.25	14.99	12.27	0.25	19.76	0.29	0	0.95	37.14	0
1992	44.04	25.77	6.9	11.76	7.11	14.08	12.27	0.28	18.96	0.18	0	0.13	19.71	0
1993	44	28.72	8.54	11.17	9.01	22.31	12.27	1.11	24.46	0.92	0	3.84	4	0
1994	44	26.67	7.51	12.37	6.79	12.01	12.27	0.19	17.3	-0.53	0	-2.05	7.32	0
1995	44	28.84	8.49	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.98	5.93	0
1996	44.04	27.97	8.29	11.86	7.82	17.6	12.27	0.72	21.33	0.28	0	0.9	3.74	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.27	20	-0.11	0	-0.81	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.13	11.85	7.55	16.9	12.27	1.19	20.42	0.08	0	0.37	9.07	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--92-06\Bur 15 yr--92-06.spw
File Creation Date : Sep 17, 2008 09:43:11
File Last Modified Date : Sep 17, 2008 09:43:12
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--92-06
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 17, 2008 09:43
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--92-06
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--92-06\Bur 15 yr--92-06.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 92-06 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Air Temperature : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1992	44.04	25.29	6.81	11.36	7.11	14.08	12.27	0.28	18.96	0.18	0	0.61	35.09	0
1993	44	28.62	8.4	11.2	9.01	22.31	12.27	0.62	24.95	1.16	0	4.18	4.63	0
1994	44	26.61	7.46	12.36	6.79	12.01	12.27	0.19	17.3	-0.51	0	-2	7.65	0
1995	44	28.81	8.47	11.47	8.87	18.32	12.27	0.51	21.21	0.26	0	1.01	6.16	0
1996	44.04	27.96	8.27	11.86	7.82	17.6	12.27	0.68	21.36	0.3	0	0.93	3.76	0
1997	44	28.64	9.41	11.5	7.73	17.73	12.27	2.25	20.02	-0.11	0	-0.79	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.12	11.89	7.52	16.79	12.27	1.15	20.39	0.06	0	0.32	8.05	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.spw
File Creation Date : Sep 17, 2008 09:44:46
File Last Modified Date : Sep 17, 2008 09:44:47
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 17, 2008 09:44
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 93-07 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Air Temperature : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1993	44	28.17	8.01	11.25	8.91	21.44	12.27	0.33	24.47	1.12	0	4.09	10.53	0
1994	44	26.25	7.24	12.22	6.79	12.01	12.27	0.19	17.3	-0.42	0	-1.74	9.78	0
1995	44	28.61	8.33	11.41	8.87	18.32	12.27	0.51	21.21	0.28	0	1.19	7.63	0
1996	44.04	27.92	8.21	11.88	7.82	17.6	12.27	0.5	21.55	0.38	0	1.08	3.84	0
1997	44	28.63	9.4	11.5	7.73	17.73	12.27	2.13	20.15	-0.07	0	-0.69	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.54	8.12	11.93	7.49	16.82	12.27	1.16	20.43	0.05	0	0.34	6.96	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--94-80\Bur 15 yr--94-80.spw
File Creation Date : Sep 17, 2008 09:46:20
File Last Modified Date : Sep 17, 2008 09:46:20
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--94-80
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 17, 2008 09:46
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--94-80
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--94-80\Bur 15 yr--94-80.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 94-80 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Air Temperature : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1994	44	23.37	6.59	9.99	6.79	12.01	12.27	0.19	17.3	-0.02	0	0.74	53.84	0
1995	44	27.74	8	10.86	8.87	18.32	12.27	0.51	21.21	0.51	0	1.84	20.83	0
1996	44.04	27.6	7.81	11.97	7.82	17.6	12.27	0.49	21.56	0.57	0	1.2	5.16	0
1997	44	28.5	9.2	11.57	7.73	17.73	12.27	1.14	21.13	0.22	0	0.13	4.05	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.62	25.73	0.72	0	2.24	3.49	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.2	7.98	11.85	7.37	16.43	12.27	1.08	20.25	0.07	0	0.35	10.53	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.spw
File Creation Date : Sep 17, 2008 09:47:57
File Last Modified Date : Sep 17, 2008 09:47:58
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 17, 2008 09:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 95-81 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Air Temperature : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1995	44	27.24	7.8	10.6	8.83	18.14	12.27	0.51	21.07	0.36	0	2.31	33.57	0
1996	44.04	27.51	7.72	11.97	7.82	17.6	12.27	0.49	21.56	0.62	0	1.25	5.98	0
1997	44	28.45	9.13	11.6	7.73	17.73	12.27	0.91	21.36	0.3	0	0.34	4.08	0
1998	44	30.97	11.58	11.19	8.2	24.28	12.27	2.6	25.75	0.72	0	2.26	3.49	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.33	8	11.99	7.35	16.52	12.27	1.12	20.32	0.05	0	0.28	8.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--96-82\Bur 15 yr--96-82.spw
File Creation Date : Sep 17, 2008 09:49:12
File Last Modified Date : Sep 17, 2008 09:49:12
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--96-82
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 17, 2008 09:49
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--96-82
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--96-82\Bur 15 yr--96-82.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 96-82 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Air Temperature : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1996	44.04	26.67	7.32	11.53	7.82	17.6	12.27	0.49	21.56	0.45	0	2.26	22.56	0
1997	44	27.83	8.28	11.83	7.73	17.73	12.27	0.43	21.85	0.68	0	1.06	5.45	0
1998	44	30.83	11.39	11.24	8.2	24.28	12.27	2.02	26.33	0.87	0	2.83	3.51	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.32	7.99	12.01	7.32	16.77	12.27	1.07	20.64	0.12	0	0.51	7.81	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.spw
File Creation Date : Sep 17, 2008 09:50:57
File Last Modified Date : Sep 17, 2008 09:50:58
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 17, 2008 09:50
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 97-83 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Air Temperature : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	In		
1997	44	26.85	7.4	11.72	7.73	17.73	12.27	0.43	21.85	0.76	0	1.97	17.9	0
1998	44	30.2	10.55	11.45	8.2	24.28	12.27	0.99	27.36	1.23	0	4.14	4.12	0
1999	44	28.93	9.66	11.73	7.54	17.17	12.27	3.8	18.1	-0.74	0	-2.55	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.3	7.95	12.05	7.31	16.74	12.27	1.12	20.58	0.09	0	0.49	7.46	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--98-84\Bur 15 yr--98-84.spw
File Creation Date : Sep 17, 2008 09:52:18
File Last Modified Date : Sep 17, 2008 09:52:19
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-84
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 17, 2008 09:52
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--98-84
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--98-84\Bur 15 yr--98-84.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 98-84 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Air Temperature : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : *Irrigated alfalfa, two cuttings per year*
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1998	44	28.53	8.58	11.75	8.2	24.28	12.27	0.99	27.38	1.7	0	5.33	11.8	0
1999	44	28.2	8.84	11.81	7.54	17.17	12.27	3.47	18.43	-0.46	0	-1.77	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.29	7.88	12.08	7.32	16.61	12.27	1.14	20.41	0.08	0	0.37	7.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.spw
File Creation Date : Sep 17, 2008 09:53:23
File Last Modified Date : Sep 17, 2008 09:53:24
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 17, 2008 09:53
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 99-85 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Air Temperature : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1999	44	26.42	6.92	11.95	7.54	17.17	12.27	0.77	21.13	0.68	0	1.57	20.3	0
2000	44.04	26.17	7.41	11.41	7.35	14.51	12.27	1.45	17.97	-0.33	0	-0.52	17.26	0
2001	44	26.94	7.45	12.2	7.29	18.1	12.27	0.48	22.59	0.66	0	2.28	8.81	0
2002	44	26.23	6.98	12.55	6.7	13.11	12.27	0.31	18.37	-0.19	0	-0.97	7.65	0
2003	44	26.83	7.19	12.23	7.41	14.69	12.27	0.25	19.31	-0.03	0	-0.08	8.67	0
2004	44.04	25.14	6.56	11.62	6.96	12.18	12.27	0.21	17.27	-0.4	0	-0.51	14.95	0
2005	44	27.24	7.8	12.3	7.14	20.16	12.27	2.59	22.69	0.81	0	1.78	4.97	0
2006	44	26.38	7.21	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.76	5.28	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.27	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.07	5.36	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.75	0
2010	44	28.72	9.08	11.12	8.53	21.88	12.27	0.81	24.81	1.11	0	3.5	5.41	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	26.86	7.59	12.06	7.21	15.78	12.27	0.91	19.92	0.04	0	0.24	9.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.spw
File Creation Date : Sep 17, 2008 09:55:31
File Last Modified Date : Sep 17, 2008 09:55:32
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 17, 2008 09:55
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 00-86 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Air Temperature : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2000	44.04	24.98	7.19	10.44	7.35	14.51	12.27	1.45	17.97	0.01	0	0.34	35.42	0
2001	44	26.66	7.29	12.08	7.29	18.1	12.27	0.43	22.64	0.85	0	2.42	14.95	0
2002	44	26.03	6.91	12.43	6.7	13.11	12.27	0.31	18.37	-0.18	0	-0.78	10.01	0
2003	44	26.66	7.11	12.15	7.41	14.69	12.27	0.25	19.31	0.02	0	0.03	10.55	0
2004	44.04	24.97	6.52	11.49	6.96	12.18	12.27	0.21	17.27	-0.37	0	-0.37	17.33	0
2005	44	27.21	7.77	12.31	7.14	20.16	12.27	2.48	22.81	0.86	0	1.88	5.13	0
2006	44	26.37	7.21	12.49	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.76	5.34	0
2007	44	26.52	7.56	12.14	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.67	9.36	0
2008	44.04	27.39	7.63	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.07	5.39	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.01	9.79	0
2010	44	28.72	9.07	11.12	8.53	21.88	12.27	0.81	24.82	1.11	0	3.51	5.42	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	26.88	7.68	11.94	7.26	16.21	12.27	0.94	20.27	0.13	0	0.53	10.23	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.spw
File Creation Date : Sep 17, 2008 10:04:17
File Last Modified Date : Sep 17, 2008 10:04:17
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 17, 2008 10:04
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 01-87 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Air Temperature : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2001	44	26.56	7.27	12	7.29	18.1	12.27	0.43	22.64	0.8	0	2.57	19.95	0
2002	44	25.96	6.89	12.37	6.7	13.11	12.27	0.31	18.37	-0.17	0	-0.72	10.94	0
2003	44	26.6	7.08	12.11	7.41	14.69	12.27	0.25	19.31	0.04	0	0.07	11.24	0
2004	44.04	24.9	6.5	11.44	6.96	12.18	12.27	0.21	17.27	-0.35	0	-0.32	18.2	0
2005	44	27.2	7.75	12.31	7.14	20.16	12.27	2.45	22.84	0.87	0	1.91	5.2	0
2006	44	26.37	7.2	12.49	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.75	5.37	0
2007	44	26.51	7.56	12.14	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.66	9.4	0
2008	44.04	27.39	7.62	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.08	5.4	0
2009	44	25.99	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.01	9.81	0
2010	44	28.72	9.07	11.12	8.53	21.88	12.27	0.8	24.82	1.11	0	3.51	5.42	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.05	7.78	12.06	7.2	16.13	12.27	0.9	20.29	0.07	0	0.38	8.8	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.spw
File Creation Date : Sep 17, 2008 10:06:57
File Last Modified Date : Sep 17, 2008 10:06:57
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 17, 2008 10:06
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 02-88 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Air Temperature : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2002	44	24.22	6.57	10.95	6.7	13.11	12.27	0.31	18.37	0.12	0	0.73	43.83	0
2003	44	26	6.89	11.71	7.41	14.69	12.27	0.25	19.31	0.21	0	0.5	19.56	0
2004	44.04	24.32	6.38	10.98	6.96	12.18	12.27	0.21	17.27	-0.13	0	0.05	27.1	0
2005	44	27.13	7.66	12.32	7.14	20.16	12.27	2.21	23.08	0.97	0	2.13	5.8	0
2006	44	26.34	7.18	12.49	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.73	5.62	0
2007	44	26.48	7.54	12.12	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.63	9.74	0
2008	44.04	27.36	7.6	12.63	7.13	16.74	12.27	0.23	21.65	0.33	0	1.09	5.49	0
2009	44	25.98	7.23	12.3	6.45	13.46	12.27	1.01	18.26	-0.26	0	-1	9.97	0
2010	44	28.71	9.06	11.13	8.53	21.88	12.27	0.78	24.84	1.12	0	3.54	5.47	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	26.78	7.7	11.95	7.14	15.78	12.27	0.88	20.02	0.07	0	0.31	11.36	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.spw
File Creation Date : Sep 17, 2008 10:08:04
File Last Modified Date : Sep 17, 2008 10:08:04
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 17, 2008 10:08
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 03-89 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.txt (Sep 16, 2008 00:00)
Air Temperature : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2003	44	25.56	6.81	11.34	7.41	14.89	12.27	0.37	19.19	0.15	0	0.88	29.95	0
2004	44.04	23.99	6.31	10.71	6.96	12.18	12.27	0.21	17.27	-0.01	0	0.25	32.73	0
2005	44	27.09	7.63	12.33	7.14	20.16	12.27	2.1	23.18	1	0	2.23	6.14	0
2006	44	26.33	7.17	12.48	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.72	5.75	0
2007	44	26.46	7.54	12.11	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.62	9.89	0
2008	44.04	27.35	7.59	12.63	7.13	16.74	12.27	0.23	21.65	0.34	0	1.1	5.53	0
2009	44	25.97	7.22	12.3	6.45	13.46	12.27	1.01	18.26	-0.26	0	-0.99	10.03	0
2010	44	28.71	9.05	11.13	8.53	21.88	12.27	0.77	24.85	1.12	0	3.55	5.49	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	26.87	7.7	11.98	7.18	15.94	12.27	0.87	20.16	0.08	0	0.39	9.97	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.spw
File Creation Date : Sep 17, 2008 10:09:17
File Last Modified Date : Sep 17, 2008 10:09:17
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 17, 2008 10:09
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 04-90 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Air Temperature : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2004	44.04	23.22	6.22	10.06	6.95	12.16	12.27	0.21	17.27	0.08	0	0.92	51.85	0
2005	44	27.04	7.58	12.33	7.14	20.16	12.27	1.95	23.33	1.05	0	2.38	6.76	0
2006	44	26.31	7.16	12.48	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.71	5.94	0
2007	44	26.44	7.53	12.09	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.6	10.12	0
2008	44.04	27.33	7.57	12.63	7.13	16.74	12.27	0.23	21.65	0.34	0	1.11	5.59	0
2009	44	25.97	7.22	12.29	6.45	13.46	12.27	1.01	18.26	-0.26	0	-0.99	10.13	0
2010	44	28.7	9.05	11.13	8.53	21.88	12.27	0.76	24.86	1.13	0	3.56	5.52	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.63	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.05	7.87	11.98	7.19	16.24	12.27	0.89	20.41	0.1	0	0.46	9.58	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.spw
File Creation Date : Sep 17, 2008 10:10:49
File Last Modified Date : Sep 17, 2008 10:10:50
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 17, 2008 10:10
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 05-91 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Air Temperature : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2005	44	26.85	7.41	12.3	7.14	20.16	12.27	1.58	23.7	1.04	0	2.96	13.1	0
2006	44	26.21	7.08	12.45	6.67	13.22	12.27	0.13	18.69	-0.21	0	-0.63	7.03	0
2007	44	26.32	7.49	12.02	6.82	14.33	12.27	0.99	18.79	-0.23	0	-0.49	11.37	0
2008	44.04	27.26	7.49	12.64	7.13	16.74	12.27	0.23	21.65	0.38	0	1.15	5.9	0
2009	44	25.92	7.2	12.27	6.45	13.46	12.27	1.01	18.26	-0.25	0	-0.95	10.62	0
2010	44	28.68	9.01	11.14	8.53	21.88	12.27	0.69	24.93	1.15	0	3.63	5.67	0
2011	44	27.94	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.3	7.97	12.12	7.21	16.27	12.27	1	20.34	0.07	0	0.18	7.21	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.spw
File Creation Date : Sep 17, 2008 10:11:54
File Last Modified Date : Sep 17, 2008 10:11:55
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 17, 2008 10:11
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 06-92 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.txt (Sep 16, 2008 00:00)
Air Temperature : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2006	44	24.64	6.78	11.25	6.61	13.13	12.27	0.13	18.66	0.05	0	0.58	44.59	0
2007	44	25.11	7.22	11.07	6.82	14.33	12.27	0.99	18.79	0.12	0	0.38	28.93	0
2008	44.04	26.89	7.21	12.55	7.13	16.74	12.27	0.23	21.65	0.58	0	1.31	8.83	0
2009	44	25.62	7.12	12.05	6.45	13.46	12.27	1.01	18.26	-0.23	0	-0.68	14.47	0
2010	44	28.44	8.7	11.21	8.53	21.88	12.27	0.38	25.24	1.31	0	4.01	6.89	0
2011	44	27.9	8.33	12.09	7.48	16.16	12.27	2.24	18.71	-0.52	0	-1.19	4.2	0
2012	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
2020	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.02	7.87	11.95	7.2	15.86	12.27	0.89	20.04	0.06	0	0.16	11.06	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--07-93\Bur 15 yr--07-93.spw
File Creation Date : Sep 17, 2008 10:13:01
File Last Modified Date : Sep 17, 2008 10:13:01
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 17, 2008 10:13
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)
Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--07-93\Bur 15 yr--07-93.fld (Sep 17, 200800:00)
Climate : Dewey Burdock 07-93 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Air Temperature : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2007	44	24.65	7.09	10.74	6.82	14.33	12.27	0.99	18.79	0.13	0	0.83	38.98	0
2008	44.04	26.84	7.18	12.53	7.13	16.74	12.27	0.23	21.65	0.6	0	1.34	9.43	0
2009	44	25.58	7.11	12.02	6.45	13.46	12.27	1.01	18.26	-0.22	0	-0.64	15.06	0
2010	44	28.42	8.67	11.22	8.53	21.88	12.27	0.35	25.27	1.33	0	4.05	7.11	0
2011	44	27.89	8.32	12.09	7.48	16.16	12.27	2.24	18.72	-0.52	0	-1.18	4.2	0
2012	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
2020	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
2021	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.27	7.99	11.91	7.36	16.47	12.27	1.05	20.33	0.1	0	0.33	9.09	0

POWERTECH (USA) INC.

SPAW MODEL RESULTS

BURDOCK POND

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--80-94\Burd 80-94.pnd
File Creation Date : Sep 17, 2008 11:52:36
File Last Modified Date : Sep 17, 2008 11:52:36
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1980-1994
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 17, 2008 11:52
SPAW Interface Version : Sep 17, 2008 11:52:36
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--80-94\Bur 15 yr--80-94.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--80-94\Bur 15 yr--80-94.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1980	544.74	397.01	147.73	16.33	26.99	10.83	5.45	0	501.47	0	0	0	0	0	71.1	0	0	325.91	185.34	0	0
1981	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
1982	555.05	571.78	-16.73	21.88	37.96	11.67	5.32	0	500.1	0	0	0	0	0	75.03	0	0	496.75	14.5	0	0
1983	520.19	587.11	33.08	16.16	28.21	87.92	3.96	0	500.1	0	0	0	0	0	75.86	0	0	511.25	0	0	0
1984	579.21	587.99	-8.78	16.9	30.45	44.17	3.12	0	501.47	0	0	0	0	0	76.74	0	0	511.25	0	0	0
1985	565.29	587.31	-22.02	11.75	20.78	42.08	2.32	0	500.1	0	0	0	0	0	76.06	0	0	511.25	0	0	0
1986	605.18	584.11	21.07	23.59	40.81	57.5	6.77	0	500.1	0	0	0	0	0	75.46	0	0	508.65	2.6	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
574.85	563.56	11.29	16.29	28.44	40.89	4.06	0	501.47	0	0	0	0	0	75.27	0	0	488.3	22.95	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--81-95\Burd 81-95.pnd
File Creation Date : Sep 17, 2008 11:54:21
File Last Modified Date : Sep 17, 2008 11:54:21
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1981-1995
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 17, 2008 11:54
SPAW Interface Version : Sep 17, 2008 11:54:21
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1981	568.58	395.15	173.44	13.46	22.15	42.08	4.25	0	500.1	0	0	0	0	0	71.13	0	0	324.01	187.24	0	0
1982	555.05	571.78	-16.73	21.88	37.96	11.67	5.32	0	500.1	0	0	0	0	0	75.03	0	0	496.75	14.5	0	0
1983	605.14	586.77	18.37	16.16	28.1	72.92	4.02	0	500.1	0	0	0	0	0	75.52	0	0	511.25	0	0	0
1984	578.27	587.41	-9.14	16.9	30.23	43.33	3.23	0	501.47	0	0	0	0	0	76.16	0	0	511.25	0	0	0
1985	565.22	585.14	-19.92	11.75	20.63	42.08	2.4	0	500.1	0	0	0	0	0	75.51	0	0	509.64	1.61	0	0
1986	605.12	571.06	34.05	23.59	40.62	57.5	6.9	0	500.1	0	0	0	0	0	75.07	0	0	495.99	15.26	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
574.68	562.1	12.58	16.42	28.63	40.53	4.04	0	501.47	0	0	0	0	0	75.15	0	0	486.94	24.31	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--82-96\Burd 82-96.pnd
File Creation Date : Sep 17, 2008 11:55:58
File Last Modified Date : Sep 17, 2008 11:56:59
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1982-1996
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 17, 2008 11:56
SPAW Interface Version : Sep 17, 2008 11:56:59
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1982	554	397.29	156.71	21.83	35.72	11.67	6.51	0	500.1	0	0	0	0	0	70.95	0	0	326.35	184.9	0	0
1983	593.44	586.51	6.93	16.16	28.02	61.25	4.07	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
1984	577.35	586.95	-9.6	16.9	30.06	42.5	3.31	0	501.47	0	0	0	0	0	75.7	0	0	511.25	0	0	0
1985	565.17	573.2	-8.02	11.75	20.54	42.08	2.45	0	500.1	0	0	0	0	0	75.16	0	0	498.04	13.21	0	0
1986	605.12	571.06	34.05	23.59	40.62	57.5	6.9	0	500.1	0	0	0	0	0	75.07	0	0	495.99	15.26	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
573.59	562.4	11.19	16.69	29.04	38.94	4.14	0	501.47	0	0	0	0	0	75.1	0	0	487.29	23.96	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--83-97\Burd 83-97.pnd
File Creation Date : Sep 17, 2008 11:58:19
File Last Modified Date : Sep 17, 2008 11:58:19
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1983-1997
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 17, 2008 11:58
SPAW Interface Version : Sep 17, 2008 11:58:19
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1983	544.65	392.99	151.66	16.08	26.18	13.33	5.04	0	500.1	0	0	0	0	0	70.87	0	0	322.12	189.13	0	0
1984	553.01	558.71	-5.69	16.9	29.77	18.33	3.44	0	501.47	0	0	0	0	0	74.81	0	0	483.9	27.35	0	0
1985	565.14	565.1	0.04	11.75	20.47	42.08	2.49	0	500.1	0	0	0	0	0	74.92	0	0	490.18	21.07	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	559.72	586.97	-27.25	12.37	21.94	35	2.67	0	500.1	0	0	0	0	0	75.72	0	0	511.25	0	0	0
1988	546.73	555.69	-8.96	13.79	24	17.5	3.75	0	501.47	0	0	0	0	0	74.52	0	0	481.17	30.08	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
573.19	559.08	14.11	16.42	28.59	39.08	4.04	0	501.47	0	0	0	0	0	75.06	0	0	484.02	27.23	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--84-98\Burd 84-98.pnd
File Creation Date : Sep 17, 2008 11:59:48
File Last Modified Date : Sep 17, 2008 11:59:49
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1984-1998
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 17, 2008 11:59
SPAW Interface Version : Sep 17, 2008 11:59:48
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1984	549.55	403.58	145.97	15.65	25.94	18.33	3.81	0	501.47	0	0	0	0	0	71.16	0	0	332.42	178.83	0	0
1985	565.14	565.1	0.04	11.75	20.47	42.08	2.49	0	500.1	0	0	0	0	0	74.92	0	0	490.18	21.07	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	548.85	583.1	-34.25	12.37	21.89	24.17	2.7	0	500.1	0	0	0	0	0	75.43	0	0	507.67	3.58	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	577.84	575.99	1.86	19.14	33.22	39.17	5.35	0	500.1	0	0	0	0	0	74.78	0	0	501.21	10.04	0	0
1991	621.09	587.54	33.55	15.03	26.87	90.83	3.28	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
1992	540.28	581.25	-40.97	14.07	24.83	11.25	2.72	0	501.47	0	0	0	0	0	75.45	0	0	505.79	5.46	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.73	561.01	18.72	16.88	29.48	44.64	4.14	0	501.47	0	0	0	0	0	75.26	0	0	485.75	25.5	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--85-99\Burd 85-99.pnd
File Creation Date : Sep 17, 2008 14:35:30
File Last Modified Date : Sep 17, 2008 14:35:30
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1985-1999
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 17, 2008 14:35
SPAW Interface Version : Sep 17, 2008 14:35:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1985	564.68	418.67	146.01	11.75	19.44	42.08	3.06	0	500.1	0	0	0	0	0	71.38	0	0	347.3	163.95	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	545.51	579.76	-34.25	12.37	21.87	20.83	2.7	0	500.1	0	0	0	0	0	75.36	0	0	504.4	6.85	0	0
1988	546.7	548.68	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	577.43	575.57	1.86	19.14	33.22	38.75	5.35	0	500.1	0	0	0	0	0	74.77	0	0	500.8	10.45	0	0
1991	621.09	587.54	33.55	15.03	26.87	90.83	3.28	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
1992	540.28	581.25	-40.97	14.07	24.83	11.25	2.72	0	501.47	0	0	0	0	0	75.45	0	0	505.79	5.46	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
589.17	563.66	25.51	16.98	29.86	53.72	4.11	0	501.47	0	0	0	0	0	75.76	0	0	487.9	23.35	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--86-00\Burd 86-00.pnd
File Creation Date : Sep 17, 2008 14:37:09
File Last Modified Date : Sep 17, 2008 14:37:09
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1986-2000
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 17, 2008 14:37
SPAW Interface Version : Sep 17, 2008 14:37:09
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1986	594.88	414.81	180.07	22.02	36.14	51.25	7.38	0	500.1	0	0	0	0	0	71.36	0	0	343.45	167.8	0	0
1987	528.8	563.05	-34.25	12.37	21.81	4.17	2.72	0	500.1	0	0	0	0	0	75.03	0	0	488.02	23.23	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	574.92	573.06	1.86	19.14	33.2	36.25	5.36	0	500.1	0	0	0	0	0	74.72	0	0	498.35	12.9	0	0
1991	619.42	587.49	31.93	15.03	26.86	89.17	3.29	0	500.1	0	0	0	0	0	76.24	0	0	511.25	0	0	0
1992	540.27	579.62	-39.34	14.07	24.81	11.25	2.73	0	501.47	0	0	0	0	0	75.41	0	0	504.21	7.04	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
589.27	564.03	25.24	17.06	30.15	53.58	4.06	0	501.47	0	0	0	0	0	76.31	0	0	487.71	23.54	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--87-01\Burd 87-01.pnd
File Creation Date : Sep 17, 2008 14:38:50
File Last Modified Date : Sep 17, 2008 14:38:50
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1987-2001
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 17, 2008 14:38
SPAW Interface Version : Sep 17, 2008 14:38:50
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1987	527.35	381.54	145.81	12.37	20.28	3.33	3.63	0	500.1	0	0	0	0	0	70.88	0	0	310.66	200.59	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	598.94	586.92	12.02	15.03	26.73	68.75	3.36	0	500.1	0	0	0	0	0	75.67	0	0	511.25	0	0	0
1992	540.16	559.6	-19.44	14.07	24.59	11.25	2.84	0	501.47	0	0	0	0	0	74.83	0	0	484.77	26.48	0	0
1993	654.25	587.72	66.53	22.3	39.53	109.17	5.45	0	500.1	0	0	0	0	0	76.47	0	0	511.25	0	0	0
1994	531.43	587.23	-55.8	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	75.98	0	0	511.25	0	0	0
1995	557.32	538.9	18.42	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.54	0	0	464.36	46.89	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
586.74	561.87	24.87	16.8	29.94	51.5	3.83	0	501.47	0	0	0	0	0	76.72	0	0	485.15	26.1	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--88-02\Burd 88-02.pnd
File Creation Date : Sep 17, 2008 14:41:30
File Last Modified Date : Sep 17, 2008 14:41:30
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1988-2002
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 17, 2008 14:41
SPAW Interface Version : Sep 17, 2008 14:41:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1988	545.43	401.57	143.86	13.4	21.89	17.5	4.56	0	501.47	0	0	0	0	0	70.95	0	0	330.62	180.63	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	596.43	586.85	9.58	15.03	26.71	66.25	3.36	0	500.1	0	0	0	0	0	75.6	0	0	511.25	0	0	0
1992	540.15	557.14	-17	14.07	24.57	11.25	2.86	0	501.47	0	0	0	0	0	74.76	0	0	482.39	28.86	0	0
1993	654.25	587.72	66.53	22.3	39.53	109.17	5.45	0	500.1	0	0	0	0	0	76.47	0	0	511.25	0	0	0
1994	531.43	587.23	-55.8	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	75.98	0	0	511.25	0	0	0
1995	557.32	538.9	18.42	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.54	0	0	464.36	46.89	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
587.28	565.97	21.31	16.82	30.09	51.94	3.77	0	501.47	0	0	0	0	0	77.19	0	0	488.78	22.47	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--89-03\Burd 89-03.pnd
File Creation Date : Sep 17, 2008 14:43:40
File Last Modified Date : Sep 17, 2008 14:43:41
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1989-2003
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 17, 2008 14:43
SPAW Interface Version : Sep 17, 2008 14:43:40
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1989	531.5	381.97	149.53	15.49	25.19	1.25	4.96	0	500.1	0	0	0	0	0	70.86	0	0	311.11	200.14	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	588.49	586.63	1.86	15.03	26.66	58.33	3.39	0	500.1	0	0	0	0	0	75.38	0	0	511.25	0	0	0
1992	540.1	549.38	-9.28	14.07	24.48	11.25	2.9	0	501.47	0	0	0	0	0	74.54	0	0	474.84	36.41	0	0
1993	653.83	587.71	66.12	22.3	39.52	108.75	5.46	0	500.1	0	0	0	0	0	76.46	0	0	511.25	0	0	0
1994	531.43	587.22	-55.79	12	21.15	7.5	2.67	0	500.1	0	0	0	0	0	75.97	0	0	511.25	0	0	0
1995	557.32	538.51	18.82	18.32	31.75	21.25	4.21	0	500.1	0	0	0	0	0	74.53	0	0	463.97	47.28	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0
2003	540.1	591.03	-50.92	14.69	27.39	10	2.6	0	500.1	0	0	0	0	0	79.78	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
586.41	568.41	18	16.9	30.37	50.89	3.68	0	501.47	0	0	0	0	0	77.55	0	0	490.87	20.38	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--90-04\Burd 90-04.pnd
File Creation Date : Sep 17, 2008 14:46:05
File Last Modified Date : Sep 17, 2008 14:46:06
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1990-2004
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 17, 2008 14:46
SPAW Interface Version : Sep 17, 2008 14:46:05
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
	ac-ft	ac-ft	ac-ft	in	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
1990	564.96	413.58	151.39	19.11	31.34	27.08	6.43	0	500.1	0	0	0	0	0	70.98	0	0	342.59	168.66	0	0
1991	540.05	546.08	-6.03	15.03	26.47	10	3.48	0	500.1	0	0	0	0	0	74.43	0	0	471.65	39.6	0	0
1992	540.06	541.45	-1.39	14.07	24.39	11.25	2.94	0	501.47	0	0	0	0	0	74.32	0	0	467.13	44.12	0	0
1993	640.86	587.39	53.47	22.3	39.41	95.83	5.52	0	500.1	0	0	0	0	0	76.14	0	0	511.25	0	0	0
1994	531.38	579.65	-48.27	12	21.05	7.5	2.73	0	500.1	0	0	0	0	0	75.55	0	0	504.1	7.15	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0
2003	540.1	591.03	-50.92	14.69	27.39	10	2.6	0	500.1	0	0	0	0	0	79.78	0	0	511.25	0	0	0
2004	533.92	588.75	-54.84	12.19	21.43	8.75	2.26	0	501.47	0	0	0	0	0	77.5	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow	Outflow	Change	Precip	Precip Vol	WS Runoff	Bank Runc	Interflow	Ext Input	Seep In	Supply In	Drwdwn In	Pipe In	Spill In	Vol Evap	Vol Infil	Vol Seep	Irrig	Irrig Def	Sup Pump	Sup Pump
ac-ft	ac-ft	ac-ft	in	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
582.66	568.07	14.59	16.84	30.25	47.31	3.63	0	501.47	0	0	0	0	0	77.61	0	0	490.46	20.79	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--91-05\Burd 91-05.pnd
File Creation Date : Sep 17, 2008 14:47:30
File Last Modified Date : Sep 17, 2008 14:47:31
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1991-2005
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 17, 2008 14:47
SPAW Interface Version : Sep 17, 2008 14:47:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1991	539.32	393.96	145.36	14.99	24.82	10	4.4	0	500.1	0	0	0	0	0	70.96	0	0	323	188.25	0	0
1992	540.06	541.45	-1.39	14.07	24.39	11.25	2.94	0	501.47	0	0	0	0	0	74.32	0	0	467.13	44.12	0	0
1993	590.66	580.34	10.33	22.3	39.01	45.83	5.72	0	500.1	0	0	0	0	0	74.94	0	0	505.39	5.86	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	566.13	586.86	-20.72	17.59	30.84	29.58	4.23	0	501.47	0	0	0	0	0	75.61	0	0	511.25	0	0	0
1997	630.75	587.34	43.41	17.73	31.35	95.42	3.88	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1998	658.41	589.23	69.18	24.29	43.36	108.75	6.19	0	500.1	0	0	0	0	0	77.98	0	0	511.25	0	0	0
1999	693.94	593.4	100.54	17.17	32.71	158.33	2.8	0	500.1	0	0	0	0	0	82.15	0	0	511.25	0	0	0
2000	592.36	595	-2.64	14.51	28.31	60.83	1.74	0	501.47	0	0	0	0	0	83.75	0	0	511.25	0	0	0
2001	588.66	594.12	-5.47	18.1	34.9	50.83	2.82	0	500.1	0	0	0	0	0	82.87	0	0	511.25	0	0	0
2002	539.19	592.69	-53.5	13.1	24.62	12.5	1.97	0	500.1	0	0	0	0	0	81.44	0	0	511.25	0	0	0
2003	540.1	590.98	-50.88	14.69	27.38	10	2.61	0	500.1	0	0	0	0	0	79.73	0	0	511.25	0	0	0
2004	533.91	588.7	-54.79	12.19	21.42	8.75	2.27	0	501.47	0	0	0	0	0	77.45	0	0	511.25	0	0	0
2005	652.85	589.89	62.96	20.16	36.94	111.25	4.56	0	500.1	0	0	0	0	0	78.64	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
585	566.3	18.7	16.9	30.45	49.47	3.6	0	501.47	0	0	0	0	0	77.7	0	0	488.6	22.65	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--92-06\Burd 92-06.pnd
File Creation Date : Sep 17, 2008 14:52:08
File Last Modified Date : Sep 17, 2008 14:52:09
Description : 685 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1992-2006
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 17, 2008 14:52
SPAW Interface Version : Sep 17, 2008 14:52:08
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--92-06 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--92-06\Bur 15 yr--92-06.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--92-06 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--92-06\Bur 15 yr--92-06.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1992	539.38	395.41	143.97	14.07	22.97	11.25	3.69	0	501.47	0	0	0	0	0	71.01	0	0	324.4	186.85	0	0
1993	570.19	559.86	10.33	22.3	38.89	25.42	5.77	0	500.1	0	0	0	0	0	74.6	0	0	485.26	25.99	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	564.46	586.81	-22.35	17.59	30.83	27.92	4.24	0	501.47	0	0	0	0	0	75.56	0	0	511.25	0	0	0
1997	629.07	587.24	41.83	17.73	31.31	93.75	3.9	0	500.1	0	0	0	0	0	75.99	0	0	511.25	0	0	0
1998	658.39	589.11	69.28	24.29	43.3	108.75	6.23	0	500.1	0	0	0	0	0	77.86	0	0	511.25	0	0	0
1999	693.92	593.29	100.64	17.17	32.66	158.33	2.83	0	500.1	0	0	0	0	0	82.04	0	0	511.25	0	0	0
2000	592.34	594.89	-2.55	14.51	28.27	60.83	1.76	0	501.47	0	0	0	0	0	83.64	0	0	511.25	0	0	0
2001	588.64	594.02	-5.38	18.1	34.86	50.83	2.85	0	500.1	0	0	0	0	0	82.77	0	0	511.25	0	0	0
2002	539.18	592.59	-53.41	13.1	24.59	12.5	1.99	0	500.1	0	0	0	0	0	81.34	0	0	511.25	0	0	0
2003	540.08	590.87	-50.79	14.69	27.34	10	2.63	0	500.1	0	0	0	0	0	79.62	0	0	511.25	0	0	0
2004	533.89	588.6	-54.71	12.19	21.39	8.75	2.28	0	501.47	0	0	0	0	0	77.35	0	0	511.25	0	0	0
2005	652.84	589.79	63.05	20.16	36.9	111.25	4.59	0	500.1	0	0	0	0	0	78.54	0	0	511.25	0	0	0
2006	532.22	589.06	-56.84	13.22	23.97	5.42	2.73	0	500.1	0	0	0	0	0	77.81	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
582.88	568.13	14.75	16.79	30.27	47.58	3.56	0	501.47	0	0	0	0	0	77.84	0	0	490.29	20.96	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--93-07\Burd 93-07.pnd
File Creation Date : Sep 17, 2008 14:53:47
File Last Modified Date : Sep 17, 2008 14:53:47
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1993-2007
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 17, 2008 14:53
SPAW Interface Version : Sep 17, 2008 14:53:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
1993	555.41	401.11	154.3	21.42	35.2	13.33	6.77	0	500.1	0	0	0	0	0	71.04	0	0	330.07	181.18	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	556.93	581	-24.06	17.59	30.78	20.42	4.26	0	501.47	0	0	0	0	0	75.39	0	0	505.61	5.64	0	0
1997	623.61	587.02	36.59	17.73	31.24	88.33	3.94	0	500.1	0	0	0	0	0	75.77	0	0	511.25	0	0	0
1998	658.33	588.85	69.48	24.29	43.15	108.75	6.33	0	500.1	0	0	0	0	0	77.6	0	0	511.25	0	0	0
1999	693.89	593.04	100.84	17.17	32.57	158.33	2.88	0	500.1	0	0	0	0	0	81.79	0	0	511.25	0	0	0
2000	592.31	594.65	-2.35	14.51	28.19	60.83	1.81	0	501.47	0	0	0	0	0	83.4	0	0	511.25	0	0	0
2001	588.61	593.79	-5.18	18.1	34.76	50.83	2.91	0	500.1	0	0	0	0	0	82.54	0	0	511.25	0	0	0
2002	539.14	592.36	-53.22	13.1	24.52	12.5	2.02	0	500.1	0	0	0	0	0	81.11	0	0	511.25	0	0	0
2003	540.05	590.66	-50.61	14.69	27.27	10	2.67	0	500.1	0	0	0	0	0	79.41	0	0	511.25	0	0	0
2004	533.86	588.39	-54.53	12.19	21.33	8.75	2.3	0	501.47	0	0	0	0	0	77.14	0	0	511.25	0	0	0
2005	652.81	589.59	63.22	20.16	36.8	111.25	4.65	0	500.1	0	0	0	0	0	78.34	0	0	511.25	0	0	0
2006	532.19	588.86	-56.67	13.22	23.91	5.42	2.76	0	500.1	0	0	0	0	0	77.61	0	0	511.25	0	0	0
2007	570.49	587.66	-17.18	14.34	25.28	41.67	3.44	0	500.1	0	0	0	0	0	76.41	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
583.33	569.84	13.49	16.82	30.25	47.94	3.66	0	501.47	0	0	0	0	0	77.81	0	0	492.03	19.22	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--94-80\Burd 94-80.pnd
File Creation Date : Sep 17, 2008 14:55:27
File Last Modified Date : Sep 17, 2008 14:55:27
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1994-1980
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 17, 2008 14:55
SPAW Interface Version : Sep 17, 2008 14:55:27
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--94-80 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--94-80\Bur 15 yr--94-80.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--94-80 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--94-80\Bur 15 yr--94-80.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1994	530.71	381.54	149.17	12	19.64	7.5	3.47	0	500.1	0	0	0	0	0	70.9	0	0	310.64	200.61	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	556.51	580.58	-24.06	17.59	30.78	20	4.26	0	501.47	0	0	0	0	0	75.38	0	0	505.2	6.05	0	0
1997	582.21	585.57	-3.35	17.73	30.95	47.08	4.08	0	500.1	0	0	0	0	0	74.79	0	0	510.78	0.47	0	0
1998	657.2	587.34	69.86	24.29	42.31	107.92	6.87	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1999	693.66	591.6	102.05	17.17	32	158.33	3.22	0	500.1	0	0	0	0	0	80.35	0	0	511.25	0	0	0
2000	592.12	593.27	-1.16	14.51	27.74	60.83	2.07	0	501.47	0	0	0	0	0	82.02	0	0	511.25	0	0	0
2001	588.4	592.45	-4.04	18.1	34.21	50.83	3.26	0	500.1	0	0	0	0	0	81.2	0	0	511.25	0	0	0
2002	538.95	591.05	-52.1	13.1	24.13	12.5	2.22	0	500.1	0	0	0	0	0	79.8	0	0	511.25	0	0	0
2003	539.87	589.37	-49.5	14.69	26.84	10	2.92	0	500.1	0	0	0	0	0	78.12	0	0	511.25	0	0	0
2004	533.65	587.12	-53.46	12.19	20.97	8.75	2.46	0	501.47	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2005	652.62	588.37	64.25	20.16	36.25	111.25	5.02	0	500.1	0	0	0	0	0	77.12	0	0	511.25	0	0	0
2006	532.04	587.67	-55.64	13.22	23.55	5.42	2.97	0	500.1	0	0	0	0	0	76.42	0	0	511.25	0	0	0
2007	570.33	584.91	-14.57	14.34	24.9	41.67	3.66	0	500.1	0	0	0	0	0	75.27	0	0	509.63	1.62	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.34	568.21	11.14	16.43	29.3	44.83	3.74	0	501.47	0	0	0	0	0	76.87	0	0	491.33	19.92	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--95-81\Burd 95-81.pnd
File Creation Date : Sep 17, 2008 15:05:41
File Last Modified Date : Sep 17, 2008 15:05:41
Description : 685 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1995-1981
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 17, 2008 15:05
SPAW Interface Version : Sep 17, 2008 15:05:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runofl ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1995	556.04	382.91	173.12	18.14	29.89	21.25	4.8	0	500.1	0	0	0	0	0	71.07	0	0	311.84	199.41	0	0
1996	556.51	580.58	-24.06	17.59	30.78	20	4.26	0	501.47	0	0	0	0	0	75.38	0	0	505.2	6.05	0	0
1997	573.03	576.39	-3.35	17.73	30.92	37.92	4.09	0	500.1	0	0	0	0	0	74.69	0	0	501.7	9.55	0	0
1998	657.2	587.34	69.86	24.29	42.31	107.92	6.87	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1999	693.66	591.6	102.05	17.17	32	158.33	3.22	0	500.1	0	0	0	0	0	80.35	0	0	511.25	0	0	0
2000	592.12	593.27	-1.16	14.51	27.74	60.83	2.07	0	501.47	0	0	0	0	0	82.02	0	0	511.25	0	0	0
2001	588.4	592.45	-4.04	18.1	34.21	50.83	3.26	0	500.1	0	0	0	0	0	81.2	0	0	511.25	0	0	0
2002	538.95	591.05	-52.1	13.1	24.13	12.5	2.22	0	500.1	0	0	0	0	0	79.8	0	0	511.25	0	0	0
2003	539.87	589.37	-49.5	14.69	26.84	10	2.92	0	500.1	0	0	0	0	0	78.12	0	0	511.25	0	0	0
2004	533.65	587.12	-53.46	12.19	20.97	8.75	2.46	0	501.47	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2005	652.62	588.37	64.25	20.16	36.25	111.25	5.02	0	500.1	0	0	0	0	0	77.12	0	0	511.25	0	0	0
2006	532.04	587.67	-55.64	13.22	23.55	5.42	2.97	0	500.1	0	0	0	0	0	76.42	0	0	511.25	0	0	0
2007	570.33	584.91	-14.57	14.34	24.9	41.67	3.66	0	500.1	0	0	0	0	0	75.27	0	0	509.63	1.62	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runofl ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
581.21	568.36	12.85	16.52	29.43	46.53	3.78	0	501.47	0	0	0	0	0	76.89	0	0	491.47	19.78	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--96-82\Burd 96-82.pnd
File Creation Date : Sep 17, 2008 15:07:33
File Last Modified Date : Sep 17, 2008 15:07:33
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1996-1982
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 17, 2008 15:07
SPAW Interface Version : Sep 17, 2008 15:07:33
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--96-82 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--96-82\Bur 15 yr--96-82.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--96-82 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--96-82\Bur 15 yr--96-82.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1996	555.77	406.71	149.06	17.59	29.02	20	5.27	0	501.47	0	0	0	0	0	71.2	0	0	335.51	175.74	0	0
1997	553.02	556.37	-3.35	17.73	30.9	17.92	4.1	0	500.1	0	0	0	0	0	74.51	0	0	481.86	29.39	0	0
1998	632.5	586.73	45.77	24.29	42	83.33	7.07	0	500.1	0	0	0	0	0	75.48	0	0	511.25	0	0	0
1999	693.51	590.72	102.79	17.17	31.65	158.33	3.42	0	500.1	0	0	0	0	0	79.47	0	0	511.25	0	0	0
2000	592	592.43	-0.43	14.51	27.46	60.83	2.24	0	501.47	0	0	0	0	0	81.18	0	0	511.25	0	0	0
2001	588.28	591.62	-3.34	18.1	33.67	50.83	3.47	0	500.1	0	0	0	0	0	80.37	0	0	511.25	0	0	0
2002	538.83	590.24	-51.42	13.1	23.89	12.5	2.34	0	500.1	0	0	0	0	0	78.99	0	0	511.25	0	0	0
2003	539.75	588.58	-48.83	14.69	26.58	10	3.07	0	500.1	0	0	0	0	0	77.33	0	0	511.25	0	0	0
2004	533.55	567.72	-34.17	12.19	20.81	8.75	2.52	0	501.47	0	0	0	0	0	75.25	0	0	492.47	18.78	0	0
2005	652.61	588.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.51	567.31	12.2	16.77	29.72	44.36	3.96	0	501.47	0	0	0	0	0	76.51	0	0	490.8	20.45	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--97-83\Burd 97-83.pnd
File Creation Date : Sep 17, 2008 15:09:06
File Last Modified Date : Sep 17, 2008 15:09:06
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1997-1983
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 17, 2008 15:09
SPAW Interface Version : Sep 17, 2008 15:09:06
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1997	552.19	406.49	145.7	17.73	29.02	17.92	5.15	0	500.1	0	0	0	0	0	70.99	0	0	335.49	175.76	0	0
1998	589.89	559.46	30.44	24.29	41.72	40.83	7.24	0	500.1	0	0	0	0	0	74.77	0	0	484.69	26.56	0	0
1999	692.59	590.13	102.45	17.17	31.43	157.5	3.56	0	500.1	0	0	0	0	0	78.88	0	0	511.25	0	0	0
2000	591.92	591.86	0.07	14.51	27.27	60.83	2.35	0	501.47	0	0	0	0	0	80.61	0	0	511.25	0	0	0
2001	588.2	591.07	-2.87	18.1	33.64	50.83	3.62	0	500.1	0	0	0	0	0	79.82	0	0	511.25	0	0	0
2002	538.75	589.7	-50.96	13.1	23.72	12.5	2.42	0	500.1	0	0	0	0	0	78.45	0	0	511.25	0	0	0
2003	539.68	588.05	-48.37	14.69	26.4	10	3.17	0	500.1	0	0	0	0	0	76.8	0	0	511.25	0	0	0
2004	533.49	553.86	-20.38	12.19	20.7	8.75	2.56	0	501.47	0	0	0	0	0	74.86	0	0	479	32.25	0	0
2005	652.61	588.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
581.57	566.45	15.12	16.74	29.58	46.5	4.01	0	501.47	0	0	0	0	0	76.36	0	0	490.09	21.16	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-98-84\Burd 98-84.pnd
File Creation Date : Sep 17, 2008 15:13:03
File Last Modified Date : Sep 17, 2008 15:13:03
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1998-1984
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 17, 2008 15:13
SPAW Interface Version : Sep 17, 2008 15:13:03
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--98-84 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--98-84\Bur 15 yr--98-84.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--98-84 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--98-84\Bur 15 yr--98-84.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1998	589.16	413.02	176.14	24.29	39.83	40.83	8.39	0	500.1	0	0	0	0	0	71.29	0	0	341.73	169.52	0	0
1999	679.21	589.78	89.43	17.17	31.32	144.17	3.62	0	500.1	0	0	0	0	0	78.53	0	0	511.25	0	0	0
2000	591.86	591.38	0.48	14.51	27.11	60.83	2.44	0	501.47	0	0	0	0	0	80.13	0	0	511.25	0	0	0
2001	588.13	590.6	-2.48	18.1	33.45	50.83	3.74	0	500.1	0	0	0	0	0	79.35	0	0	511.25	0	0	0
2002	538.68	589.25	-50.57	13.1	23.59	12.5	2.49	0	500.1	0	0	0	0	0	78	0	0	511.25	0	0	0
2003	539.61	587.6	-47.99	14.69	26.25	10	3.26	0	500.1	0	0	0	0	0	76.35	0	0	511.25	0	0	0
2004	533.43	542.36	-8.92	12.19	20.62	8.75	2.59	0	501.47	0	0	0	0	0	74.54	0	0	467.81	43.44	0	0
2005	652.61	588.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2012	579.73	588.53	-8.8	16.9	30.66	44.58	3.02	0	501.47	0	0	0	0	0	77.28	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
582.2	567.9	14.3	16.62	29.38	47.39	3.95	0	501.47	0	0	0	0	0	76.37	0	0	491.53	19.72	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--99-85\Burd 99-85.pnd
File Creation Date : Sep 17, 2008 15:14:35
File Last Modified Date : Sep 17, 2008 15:14:35
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1999-1985
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 17, 2008 15:14
SPAW Interface Version : Sep 17, 2008 15:14:35
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.50
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1999	565.05	420.95	144.1	17.17	28.31	31.25	5.39	0	500.1	0	0	0	0	0	71.06	0	0	349.89	161.36	0	0
2000	591.23	586.87	4.37	14.51	25.62	60.83	3.31	0	501.47	0	0	0	0	0	75.62	0	0	511.25	0	0	0
2001	556.59	556.74	-0.15	18.1	31.56	20	4.92	0	500.1	0	0	0	0	0	74.56	0	0	482.18	29.07	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	648.85	588.23	60.62	20.16	36.2	107.5	5.05	0	500.1	0	0	0	0	0	76.98	0	0	511.25	0	0	0
2006	532.01	587.49	-55.48	13.22	23.49	5.42	3	0	500.1	0	0	0	0	0	76.24	0	0	511.25	0	0	0
2007	570.31	580.16	-9.85	14.34	24.86	41.67	3.69	0	500.1	0	0	0	0	0	75.13	0	0	505.02	6.23	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2012	579.73	588.53	-8.8	16.9	30.66	44.58	3.02	0	501.47	0	0	0	0	0	77.28	0	0	511.25	0	0	0
2013	565.36	587.84	-22.48	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.59	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.54	557.74	12.8	15.78	27.55	37.64	3.88	0	501.47	0	0	0	0	0	75.15	0	0	482.59	28.66	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--00-86\Burd 00-86.pnd
File Creation Date : Sep 17, 2008 15:16:36
File Last Modified Date : Sep 17, 2008 15:16:36
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2000-1986
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 17, 2008 15:16
SPAW Interface Version : Sep 17, 2008 15:16:36
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
2000	590.72	443.86	146.86	14.51	24.19	60.83	4.22	0	501.47	0	0	0	0	0	71.86	0	0	372	139.25	0	0
2001	554.49	553.03	1.46	18.1	31.54	17.92	4.93	0	500.1	0	0	0	0	0	74.49	0	0	478.54	32.71	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	644.25	588.11	56.14	20.16	36.16	102.92	5.07	0	500.1	0	0	0	0	0	76.86	0	0	511.25	0	0	0
2006	531.99	587.32	-55.33	13.22	23.44	5.42	3.03	0	500.1	0	0	0	0	0	76.07	0	0	511.25	0	0	0
2007	570.29	575.81	-5.51	14.34	24.81	41.67	3.71	0	500.1	0	0	0	0	0	75	0	0	500.8	10.45	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.35	586.5	-10.15	21.88	38.05	32.92	5.27	0	500.1	0	0	0	0	0	75.25	0	0	511.25	0	0	0
2011	627.76	587.53	40.23	16.16	28.36	95.42	3.88	0	500.1	0	0	0	0	0	76.28	0	0	511.25	0	0	0
2012	579.73	588.51	-8.79	16.9	30.65	44.58	3.02	0	501.47	0	0	0	0	0	77.26	0	0	511.25	0	0	0
2013	565.36	587.83	-22.47	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.58	0	0	511.25	0	0	0
2014	605.27	587.19	18.09	23.59	41.06	57.5	6.61	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac·ft	Outflow ac·ft	Change ac·ft	Precip in	Precip Vol ac·ft	WS Runoff ac·ft	Bank Runc ac·ft	Interflow ac·ft	Ext Input ac·ft	Seep In ac·ft	Supply In ac·ft	Drwdwn In ac·ft	Pipe In ac·ft	Spill In ac·ft	Vol Evap ac·ft	Vol Infil ac·ft	Vol Seep ac·ft	Irrig ac·ft	Irrig Def ac·ft	Sup Pump ac·ft	Sup Pump ac·ft
572.71	558.73	13.98	16.21	28.29	38.92	4.03	0	501.47	0	0	0	0	0	75.18	0	0	483.54	27.71	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--01-87\Burd 01-87.pnd
File Creation Date : Sep 17, 2008 15:19:00
File Last Modified Date : Sep 17, 2008 15:19:00
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2001-1987
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 17, 2008 15:19
SPAW Interface Version : Sep 17, 2008 15:19:00
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2001	553.86	405.55	148.32	18.1	29.69	17.92	6.15	0	500.1	0	0	0	0	0	71.02	0	0	334.52	176.73	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	643	588.08	54.92	20.16	36.15	101.67	5.08	0	500.1	0	0	0	0	0	76.83	0	0	511.25	0	0	0
2006	531.99	587.28	-55.29	13.22	23.43	5.42	3.04	0	500.1	0	0	0	0	0	76.03	0	0	511.25	0	0	0
2007	570.29	574.62	-4.33	14.34	24.8	41.67	3.72	0	500.1	0	0	0	0	0	74.97	0	0	499.65	11.6	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.35	586.5	-10.15	21.88	38.05	32.92	5.27	0	500.1	0	0	0	0	0	75.25	0	0	511.25	0	0	0
2011	627.76	587.53	40.23	16.16	28.36	95.42	3.88	0	500.1	0	0	0	0	0	76.28	0	0	511.25	0	0	0
2012	579.73	588.51	-8.79	16.9	30.65	44.58	3.02	0	501.47	0	0	0	0	0	77.26	0	0	511.25	0	0	0
2013	565.36	587.83	-22.47	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.58	0	0	511.25	0	0	0
2014	605.27	587.19	18.09	23.59	41.06	57.5	6.61	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0
2015	563.53	587.46	-23.93	12.37	22.07	38.75	2.6	0	500.1	0	0	0	0	0	76.21	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
571.01	558.39	12.62	16.14	28.15	37.36	4.03	0	501.47	0	0	0	0	0	75.24	0	0	483.15	28.1	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--02-88\Burd 02-88.pnd
File Creation Date : Sep 17, 2008 15:20:55
File Last Modified Date : Sep 17, 2008 15:20:56
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2002-1988
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 17, 2008 15:20
SPAW Interface Version : Sep 17, 2008 15:20:55
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2002	537.58	392.49	145.1	13.1	21.39	12.5	3.59	0	500.1	0	0	0	0	0	70.83	0	0	321.65	189.6	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	632.97	587.62	45.14	20.16	36.07	91.67	5.13	0	500.1	0	0	0	0	0	76.57	0	0	511.25	0	0	0
2006	531.94	586.91	-54.97	13.22	23.32	5.42	3.1	0	500.1	0	0	0	0	0	75.66	0	0	511.25	0	0	0
2007	570.25	565.12	5.12	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.7	0	0	490.43	20.82	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	575.51	586.48	-10.97	21.88	38.04	32.08	5.28	0	500.1	0	0	0	0	0	75.23	0	0	511.25	0	0	0
2011	627.75	587.5	40.26	16.16	28.35	95.42	3.88	0	500.1	0	0	0	0	0	76.25	0	0	511.25	0	0	0
2012	579.72	588.48	-8.76	16.9	30.64	44.58	3.02	0	501.47	0	0	0	0	0	77.23	0	0	511.25	0	0	0
2013	565.36	587.8	-22.44	11.75	20.91	42.08	2.26	0	500.1	0	0	0	0	0	76.55	0	0	511.25	0	0	0
2014	605.27	587.16	18.11	23.59	41.05	57.5	6.62	0	500.1	0	0	0	0	0	75.91	0	0	511.25	0	0	0
2015	563.53	587.44	-23.91	12.37	22.07	38.75	2.61	0	500.1	0	0	0	0	0	76.19	0	0	511.25	0	0	0
2016	546.77	568.63	-21.86	13.79	24.14	17.5	3.66	0	501.47	0	0	0	0	0	74.89	0	0	493.74	17.51	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.53	558.65	10.88	15.78	27.56	36.61	3.88	0	501.47	0	0	0	0	0	75.21	0	0	483.44	27.81	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--03-89\Burd 03-89.pnd
File Creation Date : Sep 17, 2008 15:22:40
File Last Modified Date : Sep 17, 2008 15:22:40
Description : 565 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2003-1989
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 17, 2008 15:22
SPAW Interface Version : Sep 17, 2008 15:22:40
Pond Model Version : 5.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2003	543.78	398.71	145.07	14.69	24.26	15	4.41	0	500.1	0	0	0	0	0	71.05	0	0	327.66	183.59	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	628.37	587.7	40.67	20.16	36.03	87.08	5.15	0	500.1	0	0	0	0	0	76.45	0	0	511.25	0	0	0
2006	531.92	582.72	-50.8	13.22	23.28	5.42	3.12	0	500.1	0	0	0	0	0	75.52	0	0	507.19	4.06	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	574.67	586.47	-11.79	21.88	38.04	31.25	5.28	0	500.1	0	0	0	0	0	75.22	0	0	511.25	0	0	0
2011	627.75	587.46	40.28	16.16	28.34	95.42	3.89	0	500.1	0	0	0	0	0	76.21	0	0	511.25	0	0	0
2012	579.72	588.45	-8.74	16.9	30.63	44.58	3.03	0	501.47	0	0	0	0	0	77.2	0	0	511.25	0	0	0
2013	565.35	587.77	-22.42	11.75	20.9	42.08	2.26	0	500.1	0	0	0	0	0	76.52	0	0	511.25	0	0	0
2014	605.26	587.13	18.13	23.59	41.03	57.5	6.63	0	500.1	0	0	0	0	0	75.88	0	0	511.25	0	0	0
2015	563.52	587.41	-23.88	12.37	22.06	38.75	2.61	0	500.1	0	0	0	0	0	76.16	0	0	511.25	0	0	0
2016	546.77	567.93	-21.16	13.79	24.13	17.5	3.66	0	501.47	0	0	0	0	0	74.87	0	0	493.06	18.19	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.1	557.85	11.26	15.94	27.8	35.83	4	0	501.47	0	0	0	0	0	75.17	0	0	482.67	28.58	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--04-90\Burd 04-90.pnd
File Creation Date : Sep 17, 2008 15:24:44
File Last Modified Date : Sep 17, 2008 15:24:44
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac. 2004-1990
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 17, 2008 15:24
SPAW Interface Version : Sep 17, 2008 15:24:44
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runofl ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2004	532.8	376.71	156.09	12.17	19.64	8.75	2.93	0	501.47	0	0	0	0	0	70.91	0	0	305.8	205.45	0	0
2005	622.52	587.55	34.96	20.16	35.99	81.25	5.18	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2006	531.9	576.99	-45.09	13.22	23.22	5.42	3.16	0	500.1	0	0	0	0	0	75.35	0	0	501.64	9.61	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	574.25	586.46	-12.2	21.88	38.03	30.83	5.28	0	500.1	0	0	0	0	0	75.21	0	0	511.25	0	0	0
2011	627.74	587.45	40.29	16.16	28.33	95.42	3.89	0	500.1	0	0	0	0	0	76.2	0	0	511.25	0	0	0
2012	579.71	588.44	-8.73	16.9	30.62	44.58	3.03	0	501.47	0	0	0	0	0	77.19	0	0	511.25	0	0	0
2013	565.35	587.75	-22.4	11.75	20.9	42.08	2.26	0	500.1	0	0	0	0	0	76.5	0	0	511.25	0	0	0
2014	605.26	587.12	18.14	23.59	41.02	57.5	6.63	0	500.1	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2015	563.52	587.4	-23.87	12.37	22.05	38.75	2.61	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
2016	546.77	567.58	-20.82	13.79	24.13	17.5	3.67	0	501.47	0	0	0	0	0	74.86	0	0	492.72	18.53	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runofl ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.97	559.59	11.38	16.24	28.31	37.08	4.1	0	501.47	0	0	0	0	0	75.19	0	0	484.4	26.85	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--05-91\Burd 05-91.pnd
File Creation Date : Sep 17, 2008 15:26:41
File Last Modified Date : Sep 17, 2008 15:26:41
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2005-1991
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 17, 2008 15:26
SPAW Interface Version : Sep 17, 2008 15:26:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:
DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2005	605.87	455.34	150.53	20.16	33.44	65.42	6.91	0	500.1	0	0	0	0	0	71.48	0	0	383.86	127.39	0	0
2006	531.74	536.31	-4.58	13.22	22.84	5.42	3.38	0	500.1	0	0	0	0	0	74.21	0	0	462.11	49.14	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	571.33	586.39	-15.07	21.88	38.01	27.92	5.3	0	500.1	0	0	0	0	0	75.14	0	0	511.25	0	0	0
2011	627.73	587.34	40.38	16.16	28.29	95.42	3.91	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
2012	579.69	588.33	-8.64	16.9	30.58	44.58	3.05	0	501.47	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2013	565.34	587.65	-22.32	11.75	20.87	42.08	2.28	0	500.1	0	0	0	0	0	76.4	0	0	511.25	0	0	0
2014	605.24	587.02	18.22	23.59	40.97	57.5	6.67	0	500.1	0	0	0	0	0	75.77	0	0	511.25	0	0	0
2015	563.51	587.3	-23.79	12.37	22.03	38.75	2.63	0	500.1	0	0	0	0	0	76.05	0	0	511.25	0	0	0
2016	546.76	565.13	-18.37	13.79	24.1	17.5	3.68	0	501.47	0	0	0	0	0	74.79	0	0	490.34	20.91	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.66	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
575.32	561.93	13.4	16.27	28.33	41.33	4.19	0	501.47	0	0	0	0	0	75.11	0	0	486.81	24.44	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--06-92\Burd 06-92.pnd
File Creation Date : Sep 17, 2008 15:28:07
File Last Modified Date : Sep 17, 2008 15:28:07
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2006-1992
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 17, 2008 15:28
SPAW Interface Version : Sep 17, 2008 15:28:07
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2006	531.05	385.1	145.96	13.13	21.42	5.42	4.11	0	500.1	0	0	0	0	0	70.85	0	0	314.24	197.01	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.38	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	558.8	575.53	-16.73	21.88	37.97	15.42	5.31	0	500.1	0	0	0	0	0	75.04	0	0	500.49	10.76	0	0
2011	626.04	587.24	38.8	16.16	28.25	93.75	3.93	0	500.1	0	0	0	0	0	75.99	0	0	511.25	0	0	0
2012	579.67	588.21	-8.54	16.9	30.54	44.58	3.08	0	501.47	0	0	0	0	0	76.96	0	0	511.25	0	0	0
2013	565.32	587.54	-22.21	11.75	20.84	42.08	2.29	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2014	605.22	586.9	18.31	23.59	40.91	57.5	6.71	0	500.1	0	0	0	0	0	75.65	0	0	511.25	0	0	0
2015	563.5	587.19	-23.69	12.37	22	38.75	2.65	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0
2016	546.75	562.27	-15.52	13.79	24.07	17.5	3.7	0	501.47	0	0	0	0	0	74.71	0	0	487.56	23.69	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2020	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.86	559.31	10.55	15.86	27.64	36.78	3.97	0	501.47	0	0	0	0	0	75.1	0	0	484.21	27.04	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:
John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:
File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--07-93\Burd 07-93.pnd
File Creation Date : Sep 17, 2008 15:29:28
File Last Modified Date : Sep 17, 2008 15:29:28
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2007-1993
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 17, 2008 15:29
SPAW Interface Version : Sep 17, 2008 15:29:28
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--07-93\Bur 15 yr--07-93.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--07-93\Bur 15 yr--07-93.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2007	569.76	418.38	151.38	14.34	23.44	41.67	4.55	0	500.1	0	0	0	0	0	71.18	0	0	347.2	164.05	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	557.13	573.87	-16.73	21.88	37.96	13.75	5.32	0	500.1	0	0	0	0	0	75.03	0	0	498.83	12.42	0	0
2011	625.21	587.22	37.98	16.16	28.25	92.92	3.94	0	500.1	0	0	0	0	0	75.97	0	0	511.25	0	0	0
2012	579.66	588.18	-8.52	16.9	30.52	44.58	3.08	0	501.47	0	0	0	0	0	76.93	0	0	511.25	0	0	0
2013	565.32	587.51	-22.19	11.75	20.83	42.08	2.3	0	500.1	0	0	0	0	0	76.26	0	0	511.25	0	0	0
2014	605.21	586.87	18.34	23.59	40.89	57.5	6.72	0	500.1	0	0	0	0	0	75.62	0	0	511.25	0	0	0
2015	563.49	587.16	-23.67	12.37	21.99	38.75	2.65	0	500.1	0	0	0	0	0	75.91	0	0	511.25	0	0	0
2016	546.75	561.54	-14.8	13.79	24.06	17.5	3.71	0	501.47	0	0	0	0	0	74.69	0	0	486.86	24.39	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.98	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2020	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
2021	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
577.9	562.89	15.01	16.47	28.76	43.56	4.11	0	501.47	0	0	0	0	0	75.23	0	0	487.66	23.59	0	0

POWERTECH (USA) INC.

APPENDIX 4.10-A

CULTURAL RESOURCES REPORT

(PLEASE SEE SUPPLIMENTAL SET OF 11 BINDERS)

POWERTECH (USA) INC.

APPENDIX 4.10-B

MEMORANDUM OF AGREEMENT

MEMORANDUM OF AGREEMENT

BETWEEN POWERTECH (USA) INC.

AND THE
ARCHAEOLOGICAL RESEARCH CENTER (ARC), A PROGRAM OF THE SOUTH DAKOTA STATE HISTORICAL SOCIETY,
REGARDING THE DEWEY-BURDOCK PROJECT
Located in Custer and Fall River Counties, South Dakota
Establishing Procedures to Avoid or Mitigate Potential Effects on Archeological and Historic Sites pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B

WHEREAS Powertech (USA) Inc. (Powertech) plans to seek a mining permit for the Dewey-Burdock Uranium In Situ Mining Project ("Project") pursuant to the South Dakota Mined Land Reclamation Act (SDCL ch. 45-6B);

WHEREAS the Project consists of construction, operation and reclamation of uranium in situ mining and recovery facilities in Custer and Fall River Counties;

WHEREAS, Powertech has defined the Project's area of potential effect ("APE") as described in Attachment A;

WHEREAS Powertech has determined that the Project may have an affect on archaeological or historic sites that contain or are likely to contain information significant to the state or local history or prehistory, and has consulted, and will continue to consult, with the ARC Archaeologist pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B;

WHEREAS, Powertech has also consulted with the South Dakota Department of Environment and Natural Resources (DENR) regarding the effects of the Project on archaeological or historic properties;

NOW, THEREFORE, Powertech and the ARC agree that the Project shall be implemented in accordance with the following stipulations in order to prevent or mitigate any effect of the Project on archeological or historic sites.

STIPULATIONS

Powertech shall ensure that the following measures are carried out:

I. Archaeological or historic sites threatened or potentially threatened by proposed ground disturbing activity in the current and projected phases of the Project will be investigated prior to the proposed activity to determine their significance or research potential.

II. Historic or archaeological sites located in the remainder of the APE that are not

proposed to be affected, and that were previously identified in the archaeological investigation conducted by Augustana Laboratory ("Augustana") entitled, *A Level III Cultural Resources Evaluation of Powertech (USA) Incorporated's Proposed Dewey-Burdock Uranium Project Locality within the Southern Black Hills, Custer and Fall River Counties, South Dakota* by Kruse *et al*, that was provided to the ARC, will be avoided. If surface disturbance of a site becomes necessary, the ARC will be notified at least 30 days in advance of surface disturbance.

III. Augustana will be authorized to proceed with the evaluation of the selected sites pursuant to the scope of work described in Attachment WWW upon execution of this MOA.

IV. Each quarter during the first year and each year thereafter following the execution of this MOA until it expires or is terminated, Powertech shall provide ARC a summary report detailing work undertaken pursuant to its terms. Such report shall include any scheduling changes proposed, any problems encountered, and any disputes and objections received in Powertech's efforts to carry out the terms of this MOA.

V. DURATION

This MOA will be null and void if its terms are not carried out within five (5) years from the date of its execution. Prior to such time, Powertech may consult with the other signatory to reconsider the terms of the MOA and amend it in accordance with Stipulation VIII below.

VI. UNANTICIPATED DISCOVERIES

If historic or archaeological sites are discovered or unanticipated effects on historic or archeological sites are found during any phase of the Project, Powertech shall temporarily halt any surface disturbing activities in the immediate vicinity and contact ARC. Powertech will not resume its activities in the area until and unless the unanticipated effects or sites are investigated and clearance to proceed is granted by ARC.

VII. REPORTING

Refer to article IV in this MOA.

VIII. DISPUTE RESOLUTION

Should either party to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, Powertech and ARC shall consult to resolve the objection. If Powertech determines the objection cannot be resolved, Powertech will:

A. File a petition for a contested case hearing that includes all documentation relevant to the dispute, including Powertech's proposed resolution, with the South

Dakota Board of Minerals and Environment (BME), which is the entity with jurisdiction over such mining activities pursuant to SDCL ch. 45-6B, and including 45-6B-33.3 to -33.8, inclusive. The BME shall timely schedule a hearing on the issues and shall notify all parties of the hearing. All parties shall be allowed to present evidence and argument to the BME at the hearing. Powertech will proceed in accordance with the final decision of the BME.

B. Powertech may not proceed until the BME has issued a final decision on the dispute.

C. Powertech's responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remain unchanged.

IX. AMENDMENTS

This MOA may be amended when such an amendment is agreed to in writing by both parties. The amendment will be effective on the date a copy signed by ARC.

X. TERMINATION

If either party to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation VIII, above. If within thirty (30) days (or another time period agreed to by both parties) an amendment cannot be reached, either party may terminate the MOA upon written notification to the other signatories.

Execution of this MOA by Powertech and ARC and implementation of its terms constitute evidence that Powertech has taken into account the effects of this Project on potential significant historic and archaeological sites and is committed to working closely with ARC to avoid and/or mitigate any potential affects on such properties.

This MOA does not supersede any future Federal involvement in the Project and does not constitute compliance with Federal laws such as the National Historic Preservation Act or the National Environmental Policy Act.

SIGNATORIES:

Powertech (USA) Inc.

Date 9/10/08

Richard E. Blubaugh
Vice President-Environmental, Health and Safety Resources

Archaeological Research Center

Date 9.15.08

James Haug
State Archaeologist

ATTACHMENT A

Powertech (USA) Inc.'s Dewey-Burdock Project in Custer and Fall River Counties, South Dakota is outlined by its proposed **Project Boundary** in Figure A (Confidential), following this Attachment. The Project Boundary encompasses the following sections (or portions thereof):

T6S, R1E:
Sections 20, 21, and 27 – 35

T7S, R1E:
Sections 1 – 5, 10 – 12, and 15

The **Area of Potential Effect (APE)** is defined as the areas that would potentially be affected by the surface-disturbing activities of the project and is a much smaller area than the area encompassed by the Project Boundary. The APE is based on known mining resources and is subject to change as additional resources are identified. The APE is depicted in Figure A (Confidential) and is generally described as follows:

T6S, R1E:
Sections (or portions thereof): 28, 29, 32, 33, 35

T7S, R1E:
Sections (or portions thereof): 1 – 3, 10 - 12

FIRST AMENDMENT
TO
MEMORANDUM OF AGREEMENT
BETWEEN POWERTECH (USA) INC.
AND THE
ARCHAEOLOGICAL RESEARCH CENTER (ARC),
A PROGRAM OF THE SOUTH DAKOTA STATE HISTORICAL SOCIETY,
REGARDING THE DEWEY – BURDOCK PROJECT
Located in Custer and Fall River Counties, South Dakota
Establishing Procedures to Avoid or Mitigate Potential Effects on
Archaeological and Historic Sites
pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B

RECITALS

1. The ARC and POWERTECH (USA) INC. ("Powertech") previously entered into a Memorandum of Agreement ("MOA") regarding Powertech's proposed Dewey-Burdock Uranium In-Situ Mining Project ("Project") in Custer and Fall River Counties, South Dakota.

2. The sections containing the lands enclosed within the Project Boundary were described in Attachment A to the MOA.

3. It has come to the attention of Powertech that a minor change in the Project Boundary has resulted in the inclusion of approximately 280 additional acres within the Project Boundary that are not covered by the description in said Attachment A.

4. The parties desire to amend the MOA to include the description of the section containing the additional acres.

NOW, THEREFORE, Powertech and the ARC hereby amend the MOA as follows:

1. **Description of Lands to be Added to Attachment A.** The description of the sections encompassed within the Project Boundary, as described in Attachment A to the MOA, is hereby amended to include Section 14, T7S, R1E, B.H.M., Fall River County, South Dakota.

2. **Ratification.** In all other respects, the MOA is hereby ratified and confirmed.

Dated by Powertech 2/10, 2009.

POWERTECH (USA) INC.

By: _____

Richard E. Blubaugh, Vice President-Environmental, Health and Safety Resources

Dated by the ARC 1.28.09, 2009.

ARCHAEOLOGICAL RESEARCH CENTER

By: _____

James Haug, State Archaeologist

POWERTECH (USA) INC.

APPENDIX 4.14-A

MILDOS AREA STIMULATION FOR LAND APPLICATION

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1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21

JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.46786,0.23973,0.15172,0.09302,0.03668,0.01100

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTALS
STABILITY CLASS 1																	
1.5	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0260
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0520
STABILITY CLASS 2																	
1.5	0.3930	0.2360	0.1310	0.1050	0.0790	0.1830	0.1570	0.3410	0.7340	0.7340	0.7860	0.4980	0.8650	0.8390	0.9170	0.7080	7.7060
5.5	0.0520	0.0000	0.0000	0.0260	0.0000	0.0260	0.0000	0.0520	0.0790	0.0790	0.0520	0.1050	0.2620	0.0790	0.1830	0.1050	1.1000
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0790	0.0000	0.0000	0.0790
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.4450	0.2360	0.1310	0.1310	0.0790	0.2090	0.1570	0.3930	0.8130	0.8130	0.8380	0.6030	1.1270	0.9970	1.1000	0.8130	8.8850
STABILITY CLASS 3																	
1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.0520	0.0000	0.0260	0.0000	0.0260	0.0790	0.3410	0.2360	0.3140	0.0260	0.1050	0.2880	0.6290	1.1010	0.8650	0.6810	4.7690
10.0	0.0000	0.0000	0.0000	0.0000	0.1050	0.0260	0.2880	0.2360	0.0260	0.0000	0.0260	0.0260	0.1310	0.8390	0.6810	0.4450	2.8290
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0520	0.0000	0.0260	0.0000	0.1310	0.1050	0.6290	0.4720	0.3400	0.0260	0.1310	0.3140	0.7600	1.9400	1.5460	1.1260	7.5980
STABILITY CLASS 4																	
1.5	1.7600	0.4720	0.1830	0.1570	0.2620	0.2100	0.2880	0.6290	0.8120	0.4720	0.4980	0.6550	0.5770	0.4980	0.9430	1.1790	9.5950
5.5	1.0200	0.1570	0.1570	0.3410	0.8390	0.6290	0.5240	0.6290	0.2360	0.2360	0.0260	0.1570	0.4980	1.3890	2.0960	1.8870	10.8210
10.0	0.3140	0.1050	0.1050	0.6030	1.0740	0.5240	0.5500	0.1830	0.0000	0.0000	0.1310	0.0790	0.4720	2.4630	4.1930	1.4680	12.2640
15.5	0.0260	0.0000	0.0260	0.3930	0.5770	0.1050	0.1050	0.0790	0.0000	0.0000	0.1830	0.1830	0.3140	1.7300	4.7690	0.8120	9.3020
21.5	0.0000	0.0000	0.0000	0.0520	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0790	0.1830	0.6550	2.5160	0.1570	3.6680
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0260	0.0520	0.9700	0.0260	1.1000
ALL	3.1200	0.7340	0.4710	1.5460	2.7780	1.4680	1.4670	1.5200	1.0480	0.7080	0.8380	1.1790	2.0700	6.7870	15.4870	5.5290	46.7500
STABILITY CLASS 5																	
1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.8120	0.0790	0.1310	0.1830	0.2100	0.1570	0.2620	0.2880	0.0260	0.0000	0.0260	0.0000	0.0520	0.2880	0.6030	0.8650	3.9820
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.8120	0.0790	0.1310	0.1830	0.2100	0.1570	0.2620	0.2880	0.0260	0.0000	0.0260	0.0000	0.0520	0.2880	0.6030	0.8650	3.9820
STABILITY CLASS 6																	
1.5	5.5600	3.3540	2.0700	1.2050	0.8650	0.8390	0.8910	1.2050	1.1270	0.7860	0.5240	0.5770	0.9430	1.4940	2.5940	5.4250	29.4590
5.5	0.7600	0.1570	0.1050	0.1050	0.1310	0.2100	0.0790	0.1310	0.1830	0.0000	0.0520	0.0260	0.1050	0.1830	0.2880	0.7600	3.2750
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	6.3200	3.5110	2.1750	1.3100	0.9960	1.0490	0.9700	1.3360	1.3100	0.7860	0.5760	0.6030	1.0480	1.6770	2.8820	6.1850	32.7340
ALL	10.7750	4.5600	2.9340	3.1700	4.1940	2.9880	3.4850	4.0090	3.5370	2.3330	2.4090	2.7250	5.0570	11.6890	21.6180	14.5180	100.0010

INDIVIDUAL RECEPTOR LOCATION DATA, 41 LOCATIONS INPUT THIS RUN

I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE
1	CPP N	0.07	2.84	0.00	2.84	10	22	SF SSE	-3.69	0.23	0.00	3.70	10
2	CPP NNE	1.25	2.81	0.00	3.08	10	23	SF SE	-2.79	1.26	0.00	3.06	10
3	CPP NE	1.25	1.19	0.00	1.73	10	24	SF S	-5.06	-0.34	0.00	5.07	10
4	CPP ENE	2.86	1.10	0.00	3.06	10	25	SF SSW	-5.97	1.30	0.00	6.11	10
5	CPP E	2.83	-0.07	0.00	2.83	10	26	SF SW	-6.05	2.53	0.00	6.56	10
6	CPP ESE	2.81	-1.25	0.00	3.08	10	27	SF WSW	-6.03	3.15	0.00	6.80	10
7	CPP SSE	0.96	-2.49	0.00	2.67	10	28	SF W	-6.02	3.57	0.00	7.00	10
8	CPP SE	1.99	-2.09	0.00	2.89	10	29	SF WNW	-5.39	3.71	0.00	6.54	10
9	CPP S	-0.05	-2.88	0.00	2.88	10	30	SF NW	-5.22	3.77	0.00	6.44	10
10	CPP SSW	-1.27	-2.86	0.00	3.13	10	31	SF NNW	-5.21	4.07	0.00	6.61	10
11	CPP SW	-2.13	-2.02	0.00	2.94	10	32	SF ESE	-2.81	2.60	0.00	3.83	10
12	CPP WSW	-1.27	-0.49	0.00	1.36	10	33	Daniels Ranch	2.13	0.02	0.00	2.13	10
13	CPP W	-2.07	0.04	0.00	2.07	10	34	Spencer Ranch	-2.00	1.21	0.00	2.34	10
14	CPP WNW	-2.06	0.90	0.00	2.25	10	35	BC Ranch	-6.64	3.81	0.00	7.66	10
15	CPP NW	-2.37	2.48	0.00	3.43	10	36	Puttman Ranch	-5.16	7.23	0.00	8.88	10
16	CPP NNW	-1.10	2.87	0.00	3.07	10	37	Englebert Ranch	0.30	-4.83	0.00	4.84	10
17	SF N	-4.98	4.56	0.00	6.75	10	38	Burdock School	-2.25	-1.96	0.00	2.98	10
18	SF NNE	-4.57	4.55	0.00	6.45	10	39	Heck Ranch	1.73	-6.38	0.00	6.61	10
19	SF NE	-3.98	4.54	0.00	6.04	10	40	Edgemont	11.03	-18.59	0.00	21.62	10
20	SF ENE	-3.18	4.24	0.00	5.30	10	41	Background	-5.25	-3.00	0.00	6.05	10
21	SF E	-2.79	3.48	0.00	4.46	10							

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2008.00	0.50	0.50	0.50	0.50	0.00	0.00	0.00	2.50

IPACT EQUALS 0, 0, 0, 0, 0, 0, 0, 1,

JC EQUALS 1, 1, 1, 1, 0, 0, 1, 0, 1, 0

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1
2		100.00	1

XRHO EQUALS 1.5, 2.5, 3.5, 4.5, 7.5, 15.0, 25.0, 35.0, 45.0, 55.0, 65.0, 75.0,

HDP EQUALS 50.0

POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0- 3.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0-10.0	0	0	0	0	0	0	0	2	11	3	0	0	0	8	6	2
10.0-20.0	26	12	10	0	24	21	12	18	0	7	0	19	0	6	2	0
20.0-30.0	165	8	15	154	47	26	342	649	7	0	0	14	0	2	0	35
30.0-40.0	54	59	494	282	501	76	18	52	6	2	29	15	2	2	10	234
40.0-50.0	25	64	3852	21	4651	329	32	7	18	2	18	4	10	18	22	4129
50.0-60.0	25	229	391	73	278	183	12	30	2	25	21	28	0	57	30	121
60.0-70.0	39	780	1825	268	70	143	13	20	17	21	23	8	22	58	50	316
70.0-80.0	58	386	3427	539	95	136	34	30	44	48	61	9	18	33	72	77
1.0-80.0	392	1538	10014	1337	5666	914	463	808	106	108	152	103	52	184	192	4914

TOTAL 1-80 KM POPULATION IS 26943 PERSONS

NUMBER OF SOURCES= 8

NO.	KM X	KM Y	M Z	KM2 AREA	U-238	Th-230	CI/YEAR Ra-226	Pb-210	Rn-222	ID	PSIZE SET	M/SEC EXIT VEL	SOURCE NAME
1	-5.00	3.54	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1001	1	3.30E+00	SF
2	1.83	-0.56	0.00	0.9130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	2001	1	0.00E+00	CPP Wellfield
3	-3.86	3.48	0.00	0.8380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	2002	1	0.00E+00	SF Wellfield
4	-5.36	3.92	0.00	1.3600	4.24E-01	1.48E-01	8.88E-02	1.48E-02	2.77E+00	1002	1	0.00E+00	SF Land App
5	-0.37	1.26	0.00	0.8160	2.56E-01	8.88E-02	5.33E-02	8.88E-03	2.05E+00	1003	1	0.00E+00	CPP LA 1
6	-0.81	-0.75	0.00	0.2720	8.52E-02	2.96E-02	1.78E-02	2.96E-03	6.84E-01	1004	1	0.00E+00	CPP LA 2
7	-0.54	-2.46	0.00	0.2720	8.52E-02	2.96E-02	1.78E-02	2.96E-03	6.84E-01	1005	1	0.00E+00	CPP LA 3
8	0.00	0.00	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1006	1	3.30E+00	CPP

INPUT TAILS ACTIVITIES, PCI/G

SET	URANIUM	THORIUM	RADIUM	LEAD
1	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AMAD AND FRACTIONAL DISTRIBUTION

SET	1.5	3.0	7.7	54.0
1	0.000	1.000	0.000	0.000
2	1.000	0.000	0.000	0.000
3	0.000	0.000	0.300	0.700

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 100.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
6	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 100.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
6	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	1.000E+00	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	3.953E-02	1.372E-02	8.231E-03	8.231E-03	2.090E+01	2.052E+01	1.375E+01	9.127E+00	2.226E-05	1.249E-04
2.5	4.633E-03	1.611E-03	9.667E-04	9.667E-04	1.449E+01	1.445E+01	1.133E+01	8.489E+00	2.125E-05	1.040E-04
3.5	3.025E-03	1.052E-03	6.315E-04	6.315E-04	1.158E+01	1.156E+01	9.789E+00	7.946E+00	2.301E-05	9.117E-05
4.5	1.996E-03	6.945E-04	4.168E-04	4.168E-04	8.481E+00	8.478E+00	7.560E+00	6.493E+00	2.276E-05	7.128E-05
7.5	7.947E-04	2.766E-04	1.660E-04	1.660E-04	4.908E+00	4.910E+00	4.713E+00	4.446E+00	2.706E-05	4.553E-05
15.0	2.157E-04	7.509E-05	4.507E-05	4.507E-05	2.240E+00	2.241E+00	2.236E+00	2.218E+00	3.430E-05	2.192E-05
25.0	6.321E-05	2.201E-05	1.321E-05	1.321E-05	1.273E+00	1.274E+00	1.278E+00	1.278E+00	3.725E-05	1.256E-05
35.0	2.610E-05	9.085E-06	5.453E-06	5.453E-06	8.510E-01	8.515E-01	8.553E-01	8.577E-01	3.745E-05	8.413E-06
45.0	1.314E-05	4.574E-06	2.745E-06	2.745E-06	6.233E-01	6.236E-01	6.266E-01	6.288E-01	3.695E-05	6.165E-06
55.0	7.434E-06	2.588E-06	1.553E-06	1.553E-06	4.832E-01	4.835E-01	4.859E-01	4.876E-01	3.627E-05	4.780E-06
65.0	4.493E-06	1.564E-06	9.388E-07	9.388E-07	3.893E-01	3.895E-01	3.914E-01	3.928E-01	3.553E-05	3.851E-06
75.0	2.827E-06	9.842E-07	5.907E-07	5.907E-07	3.223E-01	3.225E-01	3.241E-01	3.252E-01	3.480E-05	3.188E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	4.120E+05	1.429E+05	8.439E+04	8.439E+04	0.000E+00	8.440E+04	8.440E+04	8.440E+04	4.636E+01
2.5	4.830E+04	1.679E+04	9.912E+03	9.912E+03	0.000E+00	9.923E+03	9.923E+03	9.923E+03	4.426E+01
3.5	3.153E+04	1.097E+04	6.475E+03	6.475E+03	0.000E+00	6.484E+03	6.484E+03	6.484E+03	4.793E+01
4.5	2.080E+04	7.237E+03	4.273E+03	4.273E+03	0.000E+00	4.280E+03	4.280E+03	4.280E+03	4.741E+01
7.5	8.284E+03	2.882E+03	1.702E+03	1.702E+03	0.000E+00	1.706E+03	1.706E+03	1.706E+03	5.636E+01
15.0	2.249E+03	7.825E+02	4.621E+02	4.621E+02	0.000E+00	4.638E+02	4.638E+02	4.638E+02	7.145E+01
25.0	6.589E+02	2.293E+02	1.354E+02	1.354E+02	0.000E+00	1.364E+02	1.364E+02	1.364E+02	7.760E+01
35.0	2.720E+02	9.467E+01	5.590E+01	5.590E+01	0.000E+00	5.658E+01	5.658E+01	5.658E+01	7.801E+01
45.0	1.370E+02	4.766E+01	2.815E+01	2.815E+01	0.000E+00	2.864E+01	2.864E+01	2.864E+01	7.698E+01
55.0	7.749E+01	2.696E+01	1.592E+01	1.592E+01	0.000E+00	1.631E+01	1.631E+01	1.631E+01	7.554E+01
65.0	4.684E+01	1.630E+01	9.625E+00	9.625E+00	0.000E+00	9.934E+00	9.934E+00	9.934E+00	7.401E+01
75.0	2.947E+01	1.026E+01	6.056E+00	6.056E+00	0.000E+00	6.312E+00	6.312E+00	6.312E+00	7.248E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	3.953E-04	1.372E-04	8.231E-05	8.237E-05
2.5	4.633E-05	1.611E-05	9.667E-06	9.731E-06
3.5	3.025E-05	1.052E-05	6.315E-06	6.384E-06
4.5	1.996E-05	6.945E-06	4.168E-06	4.236E-06
7.5	7.947E-06	2.766E-06	1.660E-06	1.741E-06
15.0	2.157E-06	7.509E-07	4.507E-07	5.536E-07
25.0	6.321E-07	2.201E-07	1.321E-07	2.438E-07
35.0	2.610E-07	9.085E-08	5.453E-08	1.669E-07
45.0	1.314E-07	4.574E-08	2.745E-08	1.383E-07
55.0	7.434E-08	2.588E-08	1.553E-08	1.243E-07
65.0	4.493E-08	1.564E-08	9.388E-09	1.160E-07
75.0	2.827E-08	9.842E-09	5.907E-09	1.103E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.481E-03	2.599E-03	1.560E-03	1.560E-03	2.830E+01	2.724E+01	1.267E+01	6.790E+00	2.446E-05	1.176E-04
2.5	4.745E-03	1.649E-03	9.897E-04	9.897E-04	2.122E+01	2.080E+01	1.106E+01	6.519E+00	2.552E-05	1.018E-04
3.5	3.134E-03	1.089E-03	6.538E-04	6.538E-04	1.381E+01	1.365E+01	9.630E+00	6.729E+00	2.855E-05	8.799E-05
4.5	2.159E-03	7.508E-04	4.506E-04	4.506E-04	1.010E+01	1.006E+01	8.132E+00	6.430E+00	3.137E-05	7.557E-05
7.5	1.128E-03	3.923E-04	2.354E-04	2.354E-04	5.018E+00	5.017E+00	4.634E+00	4.260E+00	3.430E-05	4.455E-05
15.0	4.277E-04	1.488E-04	8.933E-05	8.933E-05	2.292E+00	2.294E+00	2.237E+00	2.163E+00	3.760E-05	2.177E-05
25.0	1.753E-04	6.103E-05	3.663E-05	3.663E-05	1.270E+00	1.271E+00	1.262E+00	1.246E+00	3.722E-05	1.236E-05
35.0	8.995E-05	3.131E-05	1.879E-05	1.879E-05	8.527E-01	8.531E-01	8.530E-01	8.490E-01	3.629E-05	8.370E-06
45.0	5.216E-05	1.816E-05	1.090E-05	1.090E-05	6.287E-01	6.290E-01	6.305E-01	6.299E-01	3.530E-05	6.194E-06
55.0	3.260E-05	1.135E-05	6.810E-06	6.810E-06	4.904E-01	4.907E-01	4.924E-01	4.929E-01	3.437E-05	4.841E-06
65.0	2.142E-05	7.457E-06	4.476E-06	4.476E-06	3.973E-01	3.976E-01	3.992E-01	4.000E-01	3.351E-05	3.925E-06
75.0	1.461E-05	5.087E-06	3.053E-06	3.053E-06	3.307E-01	3.309E-01	3.324E-01	3.333E-01	3.271E-05	3.269E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.798E+04	2.708E+04	1.599E+04	1.599E+04	0.000E+00	1.601E+04	1.601E+04	1.601E+04	5.096E+01
2.5	4.946E+04	1.718E+04	1.015E+04	1.015E+04	0.000E+00	1.016E+04	1.016E+04	1.016E+04	5.316E+01
3.5	3.266E+04	1.135E+04	6.704E+03	6.704E+03	0.000E+00	6.714E+03	6.714E+03	6.714E+03	5.948E+01
4.5	2.250E+04	7.823E+03	4.620E+03	4.620E+03	0.000E+00	4.628E+03	4.628E+03	4.628E+03	6.534E+01
7.5	1.176E+04	4.088E+03	2.414E+03	2.414E+03	0.000E+00	2.418E+03	2.418E+03	2.418E+03	7.144E+01
15.0	4.458E+03	1.551E+03	9.159E+02	9.159E+02	0.000E+00	9.177E+02	9.177E+02	9.177E+02	7.832E+01
25.0	1.828E+03	6.359E+02	3.755E+02	3.755E+02	0.000E+00	3.765E+02	3.765E+02	3.765E+02	7.753E+01
35.0	9.377E+02	3.263E+02	1.927E+02	1.927E+02	0.000E+00	1.934E+02	1.934E+02	1.934E+02	7.558E+01
45.0	5.437E+02	1.892E+02	1.117E+02	1.117E+02	0.000E+00	1.122E+02	1.122E+02	1.122E+02	7.353E+01
55.0	3.398E+02	1.182E+02	6.982E+01	6.982E+01	0.000E+00	7.021E+01	7.021E+01	7.021E+01	7.159E+01
65.0	2.233E+02	7.770E+01	4.589E+01	4.589E+01	0.000E+00	4.620E+01	4.620E+01	4.620E+01	6.979E+01
75.0	1.523E+02	5.301E+01	3.130E+01	3.130E+01	0.000E+00	3.157E+01	3.157E+01	3.157E+01	6.813E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.481E-05	2.599E-05	1.560E-05	1.567E-05
2.5	4.745E-05	1.649E-05	9.897E-06	9.973E-06
3.5	3.134E-05	1.089E-05	6.538E-06	6.624E-06
4.5	2.159E-05	7.508E-06	4.506E-06	4.600E-06
7.5	1.128E-05	3.923E-06	2.354E-06	2.457E-06
15.0	4.277E-06	1.488E-06	8.933E-07	1.006E-06
25.0	1.753E-06	6.103E-07	3.663E-07	4.779E-07
35.0	8.995E-07	3.131E-07	1.879E-07	2.968E-07
45.0	5.216E-07	1.816E-07	1.090E-07	2.149E-07
55.0	3.260E-07	1.135E-07	6.810E-08	1.712E-07
65.0	2.142E-07	7.457E-08	4.476E-08	1.453E-07
75.0	1.461E-07	5.087E-08	3.053E-08	1.287E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.210E-02	4.205E-03	2.526E-03	2.526E-03	4.362E+01	4.322E+01	2.664E+01	1.562E+01	4.300E-05	2.379E-04
2.5	1.407E-02	4.890E-03	2.939E-03	2.939E-03	3.222E+01	3.215E+01	2.503E+01	1.819E+01	5.851E-05	2.278E-04
3.5	8.991E-03	3.125E-03	1.878E-03	1.878E-03	2.512E+01	2.512E+01	2.170E+01	1.783E+01	7.268E-05	2.024E-04
4.5	4.164E-03	1.448E-03	8.697E-04	8.697E-04	2.131E+01	2.131E+01	1.951E+01	1.725E+01	8.752E-05	1.852E-04
7.5	1.536E-03	5.345E-04	3.209E-04	3.209E-04	1.313E+01	1.313E+01	1.279E+01	1.232E+01	1.092E-04	1.243E-04
15.0	4.213E-04	1.466E-04	8.802E-05	8.802E-05	6.424E+00	6.428E+00	6.405E+00	6.346E+00	1.206E-04	6.276E-05
25.0	1.520E-04	5.293E-05	3.177E-05	3.177E-05	3.569E+00	3.571E+00	3.581E+00	3.579E+00	1.183E-04	3.518E-05
35.0	7.138E-05	2.485E-05	1.492E-05	1.492E-05	2.365E+00	2.366E+00	2.376E+00	2.381E+00	1.136E-04	2.337E-05
45.0	3.851E-05	1.341E-05	8.049E-06	8.049E-06	1.719E+00	1.720E+00	1.728E+00	1.733E+00	1.090E-04	1.700E-05
55.0	2.259E-05	7.868E-06	4.722E-06	4.722E-06	1.323E+00	1.323E+00	1.330E+00	1.334E+00	1.047E-04	1.308E-05
65.0	1.405E-05	4.893E-06	2.936E-06	2.936E-06	1.058E+00	1.058E+00	1.064E+00	1.067E+00	1.010E-04	1.046E-05
75.0	9.172E-06	3.194E-06	1.917E-06	1.917E-06	8.698E-01	8.703E-01	8.745E-01	8.776E-01	9.758E-05	8.604E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	1.261E+05	4.381E+04	2.590E+04	2.590E+04	0.000E+00	2.593E+04	2.593E+04	2.593E+04	8.956E+01
2.5	1.467E+05	5.095E+04	3.013E+04	3.013E+04	0.000E+00	3.015E+04	3.015E+04	3.015E+04	1.219E+02
3.5	9.372E+04	3.256E+04	1.925E+04	1.925E+04	0.000E+00	1.927E+04	1.927E+04	1.927E+04	1.514E+02
4.5	4.340E+04	1.509E+04	8.917E+03	8.917E+03	0.000E+00	8.934E+03	8.934E+03	8.934E+03	1.823E+02
7.5	1.601E+04	5.569E+03	3.290E+03	3.290E+03	0.000E+00	3.301E+03	3.301E+03	3.301E+03	2.274E+02
15.0	4.391E+03	1.528E+03	9.025E+02	9.025E+02	0.000E+00	9.076E+02	9.076E+02	9.076E+02	2.512E+02
25.0	1.585E+03	5.515E+02	3.257E+02	3.257E+02	0.000E+00	3.285E+02	3.285E+02	3.285E+02	2.465E+02
35.0	7.440E+02	2.590E+02	1.529E+02	1.529E+02	0.000E+00	1.548E+02	1.548E+02	1.548E+02	2.366E+02
45.0	4.014E+02	1.397E+02	8.253E+01	8.253E+01	0.000E+00	8.389E+01	8.389E+01	8.389E+01	2.270E+02
55.0	2.355E+02	8.199E+01	4.842E+01	4.842E+01	0.000E+00	4.946E+01	4.946E+01	4.946E+01	2.182E+02
65.0	1.464E+02	5.098E+01	3.011E+01	3.011E+01	0.000E+00	3.095E+01	3.095E+01	3.095E+01	2.103E+02
75.0	9.561E+01	3.328E+01	1.966E+01	1.966E+01	0.000E+00	2.034E+01	2.034E+01	2.034E+01	2.033E+02

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	1.210E-04	4.205E-05	2.526E-05	2.539E-05
2.5	1.407E-04	4.890E-05	2.939E-05	2.956E-05
3.5	8.991E-05	3.125E-05	1.878E-05	1.900E-05
4.5	4.164E-05	1.448E-05	8.697E-06	8.960E-06
7.5	1.536E-05	5.345E-06	3.209E-06	3.537E-06
15.0	4.213E-06	1.466E-06	8.802E-07	1.242E-06
25.0	1.520E-06	5.293E-07	3.177E-07	6.727E-07
35.0	7.138E-07	2.485E-07	1.492E-07	4.900E-07
45.0	3.851E-07	1.341E-07	8.049E-08	4.074E-07
55.0	2.259E-07	7.868E-08	4.722E-08	3.615E-07
65.0	1.405E-07	4.893E-08	2.936E-08	3.323E-07
75.0	9.172E-08	3.194E-08	1.917E-08	3.119E-07

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.166E-03	2.493E-03	1.497E-03	1.497E-03	2.169E+01	2.126E+01	1.527E+01	1.141E+01	3.253E-05	1.419E-04
2.5	4.706E-03	1.639E-03	9.839E-04	9.839E-04	2.583E+01	2.568E+01	2.061E+01	1.608E+01	4.191E-05	1.909E-04
3.5	4.211E-03	1.468E-03	8.808E-04	8.808E-04	2.714E+01	2.710E+01	2.248E+01	1.763E+01	4.461E-05	2.077E-04
4.5	3.330E-03	1.161E-03	6.966E-04	6.966E-04	2.397E+01	2.395E+01	2.016E+01	1.586E+01	4.069E-05	1.860E-04
7.5	9.519E-04	3.316E-04	1.990E-04	1.990E-04	8.250E+00	8.252E+00	7.601E+00	6.713E+00	2.843E-05	7.208E-05
15.0	3.075E-04	1.071E-04	6.425E-05	6.425E-05	1.829E+00	1.830E+00	1.756E+00	1.678E+00	2.200E-05	1.705E-05
25.0	1.395E-04	4.857E-05	2.915E-05	2.915E-05	8.966E-01	8.971E-01	8.823E-01	8.591E-01	2.097E-05	8.602E-06
35.0	7.893E-05	2.748E-05	1.649E-05	1.649E-05	5.670E-01	5.673E-01	5.644E-01	5.571E-01	1.978E-05	5.524E-06
45.0	4.941E-05	1.720E-05	1.032E-05	1.032E-05	4.045E-01	4.047E-01	4.048E-01	4.026E-01	1.880E-05	3.971E-06
55.0	3.289E-05	1.145E-05	6.872E-06	6.872E-06	3.093E-01	3.095E-01	3.102E-01	3.098E-01	1.799E-05	3.047E-06
65.0	2.282E-05	7.943E-06	4.768E-06	4.768E-06	2.473E-01	2.475E-01	2.484E-01	2.486E-01	1.729E-05	2.441E-06
75.0	1.632E-05	5.682E-06	3.411E-06	3.411E-06	2.041E-01	2.042E-01	2.050E-01	2.055E-01	1.669E-05	2.016E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.470E+04	2.598E+04	1.535E+04	1.535E+04	0.000E+00	1.537E+04	1.537E+04	1.537E+04	6.776E+01
2.5	4.906E+04	1.708E+04	1.009E+04	1.009E+04	0.000E+00	1.011E+04	1.011E+04	1.011E+04	8.730E+01
3.5	4.390E+04	1.530E+04	9.031E+03	9.031E+03	0.000E+00	9.052E+03	9.052E+03	9.052E+03	9.292E+01
4.5	3.471E+04	1.210E+04	7.142E+03	7.142E+03	0.000E+00	7.161E+03	7.161E+03	7.161E+03	8.476E+01
7.5	9.922E+03	3.455E+03	2.040E+03	2.040E+03	0.000E+00	2.047E+03	2.047E+03	2.047E+03	5.923E+01
15.0	3.205E+03	1.115E+03	6.587E+02	6.587E+02	0.000E+00	6.602E+02	6.602E+02	6.602E+02	4.583E+01
25.0	1.454E+03	5.062E+02	2.989E+02	2.989E+02	0.000E+00	2.996E+02	2.996E+02	2.996E+02	4.368E+01
35.0	8.228E+02	2.863E+02	1.691E+02	1.691E+02	0.000E+00	1.696E+02	1.696E+02	1.696E+02	4.121E+01
45.0	5.150E+02	1.792E+02	1.059E+02	1.059E+02	0.000E+00	1.062E+02	1.062E+02	1.062E+02	3.916E+01
55.0	3.428E+02	1.193E+02	7.046E+01	7.046E+01	0.000E+00	7.070E+01	7.070E+01	7.070E+01	3.746E+01
65.0	2.378E+02	8.277E+01	4.888E+01	4.888E+01	0.000E+00	4.908E+01	4.908E+01	4.908E+01	3.602E+01
75.0	1.701E+02	5.921E+01	3.497E+01	3.497E+01	0.000E+00	3.513E+01	3.513E+01	3.513E+01	3.476E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.166E-05	2.493E-05	1.497E-05	1.507E-05
2.5	4.706E-05	1.639E-05	9.839E-06	9.964E-06
3.5	4.211E-05	1.468E-05	8.808E-06	8.942E-06
4.5	3.330E-05	1.161E-05	6.966E-06	7.088E-06
7.5	9.519E-06	3.316E-06	1.990E-06	2.075E-06
15.0	3.075E-06	1.071E-06	6.425E-07	7.085E-07
25.0	1.395E-06	4.857E-07	2.915E-07	3.545E-07
35.0	7.893E-07	2.748E-07	1.649E-07	2.243E-07
45.0	4.941E-07	1.720E-07	1.032E-07	1.596E-07
55.0	3.289E-07	1.145E-07	6.872E-08	1.227E-07
65.0	2.282E-07	7.943E-08	4.768E-08	9.955E-08
75.0	1.632E-07	5.682E-08	3.411E-08	8.417E-08

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.576E-03	2.635E-03	1.582E-03	1.582E-03	2.260E+01	2.229E+01	1.594E+01	1.162E+01	2.945E-05	1.471E-04
2.5	6.107E-03	2.127E-03	1.277E-03	1.277E-03	2.739E+01	2.711E+01	2.000E+01	1.423E+01	2.940E-05	1.824E-04
3.5	6.589E-03	2.297E-03	1.378E-03	1.378E-03	3.990E+01	3.942E+01	2.705E+01	1.718E+01	2.839E-05	2.418E-04
4.5	7.683E-03	2.680E-03	1.608E-03	1.608E-03	4.933E+01	4.887E+01	3.041E+01	1.674E+01	2.361E-05	2.670E-04
7.5	2.281E-03	7.955E-04	4.773E-04	4.773E-04	9.239E+00	9.140E+00	6.617E+00	4.617E+00	1.525E-05	6.019E-05
15.0	3.802E-04	1.325E-04	7.950E-05	7.950E-05	1.907E+00	1.908E+00	1.813E+00	1.714E+00	2.026E-05	1.755E-05
25.0	1.243E-04	4.330E-05	2.598E-05	2.598E-05	8.602E-01	8.606E-01	8.515E-01	8.348E-01	2.012E-05	8.318E-06
35.0	5.860E-05	2.041E-05	1.225E-05	1.225E-05	5.303E-01	5.306E-01	5.303E-01	5.272E-01	1.923E-05	5.202E-06
45.0	3.255E-05	1.134E-05	6.803E-06	6.803E-06	3.740E-01	3.742E-01	3.753E-01	3.751E-01	1.845E-05	3.687E-06
55.0	1.980E-05	6.895E-06	4.138E-06	4.138E-06	2.837E-01	2.839E-01	2.850E-01	2.855E-01	1.775E-05	2.802E-06
65.0	1.275E-05	4.441E-06	2.666E-06	2.666E-06	2.259E-01	2.260E-01	2.270E-01	2.276E-01	1.716E-05	2.233E-06
75.0	8.550E-06	2.977E-06	1.787E-06	1.787E-06	1.856E-01	1.857E-01	1.866E-01	1.872E-01	1.664E-05	1.836E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.896E+04	2.746E+04	1.622E+04	1.622E+04	0.000E+00	1.623E+04	1.623E+04	1.623E+04	6.134E+01
2.5	6.366E+04	2.217E+04	1.309E+04	1.309E+04	0.000E+00	1.311E+04	1.311E+04	1.311E+04	6.124E+01
3.5	6.868E+04	2.394E+04	1.413E+04	1.413E+04	0.000E+00	1.416E+04	1.416E+04	1.416E+04	5.913E+01
4.5	8.009E+04	2.793E+04	1.649E+04	1.649E+04	0.000E+00	1.652E+04	1.652E+04	1.652E+04	4.918E+01
7.5	2.378E+04	8.290E+03	4.894E+03	4.894E+03	0.000E+00	4.901E+03	4.901E+03	4.901E+03	3.176E+01
15.0	3.963E+03	1.381E+03	8.151E+02	8.151E+02	0.000E+00	8.166E+02	8.166E+02	8.166E+02	4.219E+01
25.0	1.296E+03	4.512E+02	2.664E+02	2.664E+02	0.000E+00	2.671E+02	2.671E+02	2.671E+02	4.191E+01
35.0	6.108E+02	2.127E+02	1.256E+02	1.256E+02	0.000E+00	1.260E+02	1.260E+02	1.260E+02	4.006E+01
45.0	3.393E+02	1.181E+02	6.975E+01	6.975E+01	0.000E+00	7.005E+01	7.005E+01	7.005E+01	3.842E+01
55.0	2.064E+02	7.185E+01	4.243E+01	4.243E+01	0.000E+00	4.265E+01	4.265E+01	4.265E+01	3.697E+01
65.0	1.330E+02	4.628E+01	2.733E+01	2.733E+01	0.000E+00	2.751E+01	2.751E+01	2.751E+01	3.575E+01
75.0	8.912E+01	3.102E+01	1.832E+01	1.832E+01	0.000E+00	1.847E+01	1.847E+01	1.847E+01	3.466E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.576E-05	2.635E-05	1.582E-05	1.590E-05
2.5	6.107E-05	2.127E-05	1.277E-05	1.285E-05
3.5	6.589E-05	2.297E-05	1.378E-05	1.387E-05
4.5	7.683E-05	2.680E-05	1.608E-05	1.615E-05
7.5	2.281E-05	7.955E-06	4.773E-06	4.819E-06
15.0	3.802E-06	1.325E-06	7.950E-07	8.558E-07
25.0	1.243E-06	4.330E-07	2.598E-07	3.202E-07
35.0	5.860E-07	2.041E-07	1.225E-07	1.802E-07
45.0	3.255E-07	1.134E-07	6.803E-08	1.234E-07
55.0	1.980E-07	6.895E-08	4.138E-08	9.463E-08
65.0	1.275E-07	4.441E-08	2.666E-08	7.815E-08
75.0	8.550E-08	2.977E-08	1.787E-08	6.778E-08

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.465E-03	1.421E-02	2.007E-03	5.010E-04	3.115E-04	3.326E-04	3.641E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.459E-03	4.572E-04	1.370E-03	7.768E-04	1.727E-03	4.097E-03	1.531E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.141E-03	9.846E-04	1.509E-02	6.777E-02	4.528E-03	1.514E-02	2.161E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.601E-02	1.438E-02	6.176E-04	1.370E-03	3.443E-03	5.003E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.361E-02	1.100E-02	6.079E-02	3.321E-01	1.265E-02	2.150E-03	2.059E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.209E-02	1.305E-02	2.197E-02	6.049E-02	2.276E-02	1.255E-02	8.709E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.783E-02	2.644E-01	8.568E-03	1.024E-02	2.724E-03	2.176E-03	4.316E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.844E-03	1.927E-02	2.973E-01	1.281E-02	1.053E-03	2.968E-03	1.372E-03	1.487E-03
S	0.000E+00	1.856E-02	0.000E+00	0.000E+00	2.238E-02	0.000E+00	1.465E-03	6.149E-04	1.058E-03	7.495E-05	4.408E-04	8.470E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.213E-03	1.791E-03	0.000E+00	6.529E-05	3.650E-05	2.973E-04	1.814E-04	3.251E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.460E-04	2.077E-04	1.670E-04	1.362E-04	2.846E-04
WSW	0.000E+00	0.000E+00	2.493E-02	0.000E+00	0.000E+00	3.487E-03	1.216E-03	7.678E-04	1.336E-04	6.508E-04	1.351E-04	1.141E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.112E-04	6.657E-04	0.000E+00	6.901E-04	4.096E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.410E-02	3.020E-03	3.310E-04	1.575E-04	7.974E-04	1.563E-03	1.049E-03	4.125E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.210E-02	1.112E-03	0.000E+00	9.263E-04	1.187E-03	1.029E-03	1.153E-03	1.164E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.585E-03	0.000E+00	5.365E-03	1.687E-02	1.694E-01	3.136E-03	5.546E-03	9.606E-04

TOTAL DOSE COMMITMENT IS 1.815E+00 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.957E-02	5.765E-02	8.495E-03	2.248E-03	1.499E-03	1.728E-03	2.045E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.757E-03	1.867E-03	5.899E-03	3.602E-03	8.707E-03	2.248E-02	9.097E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.478E-03	3.985E-03	6.317E-02	2.961E-01	2.076E-02	7.310E-02	1.099E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.417E-02	5.878E-02	2.591E-03	5.941E-03	1.552E-02	2.356E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.367E-02	4.370E-02	2.441E-01	1.354E+00	5.258E-02	9.154E-03	9.030E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.696E-02	5.157E-02	8.724E-02	2.417E-01	9.164E-02	5.104E-02	3.583E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.020E-02	1.045E+00	3.399E-02	4.082E-02	1.093E-02	8.787E-03	1.757E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.298E-02	7.623E-02	1.189E+00	5.198E-02	4.353E-03	1.256E-02	5.974E-03	6.691E-03
S	0.000E+00	7.277E-02	0.000E+00	0.000E+00	8.816E-02	0.000E+00	6.002E-03	2.622E-03	4.753E-03	3.582E-04	2.254E-03	4.634E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.270E-02	7.224E-03	0.000E+00	2.997E-04	1.831E-04	1.631E-03	1.079E-03	2.071E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.508E-03	1.024E-03	8.819E-04	7.680E-04	1.704E-03
WSW	0.000E+00	0.000E+00	9.799E-02	0.000E+00	0.000E+00	1.386E-02	4.890E-03	3.129E-03	5.531E-04	2.742E-03	5.810E-04	5.021E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.409E-04	2.670E-03	0.000E+00	2.825E-03	1.699E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.473E-02	1.190E-02	1.312E-03	6.299E-04	3.232E-03	6.445E-03	4.421E-03	1.787E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.262E-01	4.381E-03	0.000E+00	3.701E-03	4.795E-03	4.215E-03	4.810E-03	4.967E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.409E-02	0.000E+00	2.143E-02	6.862E-02	7.055E-01	1.346E-02	2.467E-02	4.456E-03

TOTAL DOSE COMMITMENT IS 7.395E+00 PERSON-REM/YR

1REGION: De[redacted]urdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21/[redacted]

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.145E-02	9.572E-02	1.294E-02	3.022E-03	1.713E-03	1.621E-03	1.524E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.693E-02	3.061E-03	8.669E-03	4.497E-03	8.855E-03	1.802E-02	5.587E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-02	6.648E-03	9.848E-02	4.220E-01	2.659E-02	8.293E-02	1.091E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.092E-01	9.618E-02	4.020E-03	8.604E-03	2.065E-02	2.836E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.415E-02	7.559E-02	4.135E-01	2.227E+00	8.320E-02	1.378E-02	1.276E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.531E-01	9.010E-02	1.510E-01	4.134E-01	1.544E-01	8.437E-02	5.784E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.235E-01	1.826E+00	5.894E-02	7.011E-02	1.855E-02	1.472E-02	2.896E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.053E-02	1.329E-01	2.030E+00	8.624E-02	6.954E-03	1.913E-02	8.573E-03	8.939E-03
S	0.000E+00	1.290E-01	0.000E+00	0.000E+00	1.550E-01	0.000E+00	9.768E-03	3.934E-03	6.377E-03	4.165E-04	2.208E-03	3.745E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.220E-02	1.214E-02	0.000E+00	3.831E-04	1.886E-04	1.308E-03	6.607E-04	9.594E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.199E-03	1.103E-03	7.902E-04	5.647E-04	1.018E-03
WSW	0.000E+00	0.000E+00	1.731E-01	0.000E+00	0.000E+00	2.394E-02	8.255E-03	5.147E-03	8.820E-04	4.217E-03	8.561E-04	7.040E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.448E-03	4.534E-03	0.000E+00	4.608E-03	2.698E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.674E-01	2.093E-02	2.281E-03	1.075E-03	5.377E-03	1.036E-02	6.795E-03	2.593E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	7.706E-03	0.000E+00	6.334E-03	8.031E-03	6.863E-03	7.551E-03	7.442E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.490E-02	0.000E+00	3.669E-02	1.134E-01	1.111E+00	1.992E-02	3.381E-02	5.556E-03

TOTAL DOSE COMMITMENT IS 1.217E+01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.281E-02	2.626E-01	5.744E-02	1.948E-02	1.510E-02	1.898E-02	2.337E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.527E-02	9.404E-03	4.607E-02	3.644E-02	1.007E-01	2.755E-01	1.126E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E-02	1.550E-02	3.436E-01	1.974E+00	1.561E-01	5.893E-01	9.189E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E-01	2.083E-01	1.132E-02	3.043E-02	8.990E-02	1.496E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.877E-02	7.460E-02	5.340E-01	3.655E+00	1.704E-01	3.477E-02	3.927E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.029E-02	6.049E-02	1.179E-01	3.764E-01	1.639E-01	1.045E-01	8.354E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.672E-02	1.205E+00	4.296E-02	5.692E-02	1.684E-02	1.495E-02	3.291E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E-02	1.486E-01	2.947E+00	1.571E-01	1.547E-02	5.134E-02	2.754E-02	3.416E-02
S	0.000E+00	4.027E-02	0.000E+00	0.000E+00	1.805E-01	0.000E+00	3.123E-02	1.774E-02	3.868E-02	3.307E-03	2.248E-02	4.784E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.805E-02	4.011E-02	0.000E+00	3.603E-03	2.505E-03	2.330E-02	1.525E-02	2.804E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.141E-02	1.348E-02	1.168E-02	9.948E-03	2.122E-02
WSW	0.000E+00	0.000E+00	1.439E-01	0.000E+00	0.000E+00	4.933E-02	1.733E-02	1.139E-02	2.111E-03	1.105E-02	2.477E-03	2.261E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.417E-03	5.057E-03	0.000E+00	6.802E-03	4.591E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.239E-02	1.430E-02	2.150E-03	1.326E-03	8.415E-03	2.022E-02	1.638E-02	7.657E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.047E-01	5.588E-03	0.000E+00	7.317E-03	1.133E-02	1.172E-02	1.555E-02	1.849E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-02	0.000E+00	5.843E-02	2.455E-01	3.075E+00	6.859E-02	1.425E-01	2.851E-02

TOTAL DOSE COMMITMENT IS 2.104E+01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.379E-03	4.457E-03	6.093E-04	1.445E-04	8.370E-05	8.153E-05	7.974E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.831E-04	1.428E-04	4.102E-04	2.174E-04	4.409E-04	9.329E-04	3.048E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-04	3.091E-04	4.616E-03	1.999E-02	1.275E-03	4.038E-03	5.410E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.059E-03	4.477E-03	1.882E-04	4.058E-04	9.834E-04	1.366E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.343E-03	3.493E-03	1.916E-02	1.035E-01	3.882E-03	6.461E-04	6.026E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.055E-03	4.157E-03	6.974E-03	1.912E-02	7.149E-03	3.914E-03	2.690E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.694E-03	8.424E-02	2.722E-03	3.240E-03	8.583E-04	6.817E-04	1.344E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.870E-03	6.143E-03	9.404E-02	4.007E-03	3.244E-04	8.968E-04	4.044E-04	4.249E-04
S	0.000E+00	5.942E-03	0.000E+00	0.000E+00	7.157E-03	0.000E+00	4.561E-04	1.855E-04	3.048E-04	2.027E-05	1.101E-04	1.926E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.027E-03	5.657E-04	0.000E+00	1.854E-05	9.423E-06	6.812E-05	3.630E-05	5.631E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E-04	5.467E-05	4.026E-05	2.976E-05	5.588E-05
WSW	0.000E+00	0.000E+00	7.990E-03	0.000E+00	0.000E+00	1.109E-03	3.832E-04	2.395E-04	4.116E-05	1.975E-04	4.025E-05	3.327E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-05	2.099E-04	0.000E+00	2.142E-04	1.257E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.725E-03	9.659E-04	1.054E-04	4.979E-05	2.497E-04	4.828E-04	3.181E-04	1.221E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.029E-02	3.557E-04	0.000E+00	2.931E-04	3.725E-04	3.193E-04	3.526E-04	3.491E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.148E-03	0.000E+00	1.700E-03	5.274E-03	5.196E-02	9.378E-04	1.605E-03	2.667E-04

TOTAL DOSE COMMITMENT IS 5.658E-01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.321E-04	2.310E-03	5.070E-04	1.721E-04	1.334E-04	1.677E-04	2.065E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.200E-04	8.274E-05	4.065E-04	3.218E-04	8.898E-04	2.434E-03	9.949E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.575E-04	1.357E-04	3.021E-03	1.740E-02	1.378E-03	5.203E-03	8.116E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.497E-03	1.828E-03	9.959E-05	2.683E-04	7.932E-04	1.321E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.709E-04	6.424E-04	4.661E-03	3.209E-02	1.500E-03	3.065E-04	3.466E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.056E-04	5.037E-04	1.010E-03	3.271E-03	1.435E-03	9.181E-04	7.358E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.964E-04	9.882E-03	3.628E-04	4.890E-04	1.461E-04	1.306E-04	2.886E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.835E-04	1.254E-03	2.554E-02	1.375E-03	1.360E-04	4.524E-04	2.430E-04	3.016E-04
S	0.000E+00	2.086E-04	0.000E+00	0.000E+00	1.491E-03	0.000E+00	2.743E-04	1.564E-04	3.415E-04	2.921E-05	1.986E-04	4.227E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.205E-04	3.509E-04	0.000E+00	3.181E-05	2.213E-05	2.059E-04	1.347E-04	2.478E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.771E-04	1.191E-04	1.031E-04	8.789E-05	1.875E-04
WSW	0.000E+00	0.000E+00	9.926E-04	0.000E+00	0.000E+00	4.227E-04	1.502E-04	9.954E-05	1.853E-05	9.729E-05	2.184E-05	1.995E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.222E-05	4.411E-05	0.000E+00	5.988E-05	4.049E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.267E-04	1.135E-04	1.833E-05	1.155E-05	7.393E-05	1.782E-04	1.445E-04	6.762E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.952E-04	4.488E-05	0.000E+00	6.376E-05	9.951E-05	1.033E-04	1.372E-04	1.633E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E-04	0.000E+00	5.087E-04	2.157E-03	2.711E-02	6.054E-04	1.259E-03	2.519E-04

TOTAL DOSE COMMITMENT IS 1.821E-01 PERSON-REM/YR

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.563E+00	8.143E+00	1.292E+01	1.289E+00	1.057E+00	2.179E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	1.060E+01	1.178E+02	1.475E+01	9.328E+00	9.095E+00	7.295E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	2	3.598E-03	1.251E-03	7.510E-04	1.248E-04	3.381E+03	1.176E+03	7.049E+02	7.049E+02
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.598E-03	1.251E-03	7.510E-04	1.248E-04	3.381E+03	1.176E+03	7.049E+02	7.049E+02
2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	2	2.485E-03	8.643E-04	5.188E-04	8.623E-05	2.335E+03	8.121E+02	4.870E+02	4.870E+02
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.485E-03	8.643E-04	5.188E-04	8.623E-05	2.335E+03	8.121E+02	4.870E+02	4.870E+02
3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	2	6.488E-03	2.254E-03	1.353E-03	2.249E-04	6.096E+03	2.118E+03	1.270E+03	1.270E+03
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.488E-03	2.254E-03	1.353E-03	2.249E-04	6.096E+03	2.118E+03	1.270E+03	1.270E+03
4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	2	2.934E-03	1.020E-03	6.123E-04	1.018E-04	2.757E+03	9.585E+02	5.748E+02	5.748E+02
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.934E-03	1.020E-03	6.123E-04	1.018E-04	2.757E+03	9.585E+02	5.748E+02	5.748E+02
5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	2	4.175E-03	1.451E-03	8.709E-04	1.447E-04	3.923E+03	1.363E+03	8.174E+02	8.174E+02
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.175E-03	1.451E-03	8.709E-04	1.447E-04	3.923E+03	1.363E+03	8.174E+02	8.174E+02
6	CPP ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	2	4.177E-03	1.452E-03	8.717E-04	1.448E-04	3.925E+03	1.364E+03	8.182E+02	8.182E+02
6	CPP ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.177E-03	1.452E-03	8.717E-04	1.448E-04	3.925E+03	1.364E+03	8.182E+02	8.182E+02
7	CPP SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	2	7.375E-03	2.564E-03	1.540E-03	2.558E-04	6.930E+03	2.409E+03	1.446E+03	1.446E+03
7	CPP SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		7.375E-03	2.564E-03	1.540E-03	2.558E-04	6.930E+03	2.409E+03	1.446E+03	1.446E+03
8	CPP SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	2	4.915E-03	1.709E-03	1.026E-03	1.704E-04	4.618E+03	1.605E+03	9.630E+02	9.630E+02
8	CPP SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.915E-03	1.709E-03	1.026E-03	1.704E-04	4.618E+03	1.605E+03	9.630E+02	9.630E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	2	1.633E-02	5.676E-03	3.412E-03	5.663E-04	1.535E+04	5.333E+03	3.203E+03	3.203E+03
9	CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.633E-02	5.676E-03	3.412E-03	5.663E-04	1.535E+04	5.333E+03	3.203E+03	3.203E+03
10	CPP SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	2	4.991E-03	1.736E-03	1.043E-03	1.732E-04	4.690E+03	1.631E+03	9.790E+02	9.790E+02
10	CPP SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.991E-03	1.736E-03	1.043E-03	1.732E-04	4.690E+03	1.631E+03	9.790E+02	9.790E+02
11	CPP SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	2	3.546E-03	1.234E-03	7.413E-04	1.232E-04	3.332E+03	1.160E+03	6.959E+02	6.959E+02
11	CPP SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.546E-03	1.234E-03	7.413E-04	1.232E-04	3.332E+03	1.160E+03	6.959E+02	6.959E+02
12	CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	2	9.320E-03	3.241E-03	1.947E-03	3.233E-04	8.758E+03	3.045E+03	1.828E+03	1.828E+03
12	CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		9.320E-03	3.241E-03	1.947E-03	3.233E-04	8.758E+03	3.045E+03	1.828E+03	1.828E+03
13	CPP W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	2	5.325E-03	1.854E-03	1.113E-03	1.850E-04	5.003E+03	1.742E+03	1.045E+03	1.045E+03
13	CPP W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.325E-03	1.854E-03	1.113E-03	1.850E-04	5.003E+03	1.742E+03	1.045E+03	1.045E+03
14	CPP WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	2	6.027E-03	2.099E-03	1.260E-03	2.094E-04	5.664E+03	1.972E+03	1.183E+03	1.183E+03
14	CPP WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.027E-03	2.099E-03	1.260E-03	2.094E-04	5.664E+03	1.972E+03	1.183E+03	1.183E+03
15	CPP NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	2	6.095E-03	2.124E-03	1.275E-03	2.119E-04	5.727E+03	1.996E+03	1.196E+03	1.196E+03
15	CPP NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.095E-03	2.124E-03	1.275E-03	2.119E-04	5.727E+03	1.996E+03	1.196E+03	1.196E+03
16	CPP NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	2	4.579E-03	1.593E-03	9.563E-04	1.590E-04	4.303E+03	1.497E+03	8.977E+02	8.977E+02
16	CPP NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.579E-03	1.593E-03	9.563E-04	1.590E-04	4.303E+03	1.497E+03	8.977E+02	8.977E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	2	4.344E-03	1.515E-03	9.093E-04	1.512E-04	4.081E+03	1.424E+03	8.535E+02	8.535E+02
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.344E-03	1.515E-03	9.093E-04	1.512E-04	4.081E+03	1.424E+03	8.535E+02	8.535E+02
18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	2	4.870E-03	1.699E-03	1.020E-03	1.695E-04	4.576E+03	1.596E+03	9.570E+02	9.570E+02
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.870E-03	1.699E-03	1.020E-03	1.695E-04	4.576E+03	1.596E+03	9.570E+02	9.570E+02
19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	2	4.651E-03	1.622E-03	9.734E-04	1.618E-04	4.370E+03	1.524E+03	9.137E+02	9.137E+02
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.651E-03	1.622E-03	9.734E-04	1.618E-04	4.370E+03	1.524E+03	9.137E+02	9.137E+02
20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	2	3.961E-03	1.381E-03	8.288E-04	1.378E-04	3.722E+03	1.298E+03	7.779E+02	7.779E+02
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.961E-03	1.381E-03	8.288E-04	1.378E-04	3.722E+03	1.298E+03	7.779E+02	7.779E+02
21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	2	5.309E-03	1.851E-03	1.111E-03	1.847E-04	4.989E+03	1.739E+03	1.043E+03	1.043E+03
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.309E-03	1.851E-03	1.111E-03	1.847E-04	4.989E+03	1.739E+03	1.043E+03	1.043E+03
22	SF SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	2	4.467E-03	1.557E-03	9.347E-04	1.554E-04	4.198E+03	1.463E+03	8.774E+02	8.774E+02
22	SF SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.467E-03	1.557E-03	9.347E-04	1.554E-04	4.198E+03	1.463E+03	8.774E+02	8.774E+02
23	SF SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	2	6.510E-03	2.269E-03	1.362E-03	2.264E-04	6.117E+03	2.132E+03	1.278E+03	1.278E+03
23	SF SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.510E-03	2.269E-03	1.362E-03	2.264E-04	6.117E+03	2.132E+03	1.278E+03	1.278E+03
24	SF S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	2	2.502E-03	8.724E-04	5.236E-04	8.703E-05	2.351E+03	8.197E+02	4.914E+02	4.914E+02
24	SF S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.502E-03	8.724E-04	5.236E-04	8.703E-05	2.351E+03	8.197E+02	4.914E+02	4.914E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	2	3.258E-03	1.136E-03	6.817E-04	1.133E-04	3.061E+03	1.067E+03	6.399E+02	6.399E+02
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.258E-03	1.136E-03	6.817E-04	1.133E-04	3.061E+03	1.067E+03	6.399E+02	6.399E+02
26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	2	5.429E-03	1.894E-03	1.137E-03	1.890E-04	5.102E+03	1.780E+03	1.067E+03	1.067E+03
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.429E-03	1.894E-03	1.137E-03	1.890E-04	5.102E+03	1.780E+03	1.067E+03	1.067E+03
27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	2	6.451E-03	2.251E-03	1.351E-03	2.246E-04	6.062E+03	2.115E+03	1.268E+03	1.268E+03
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.451E-03	2.251E-03	1.351E-03	2.246E-04	6.062E+03	2.115E+03	1.268E+03	1.268E+03
28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	2	1.066E-02	3.719E-03	2.231E-03	3.710E-04	1.001E+04	3.494E+03	2.094E+03	2.094E+03
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.066E-02	3.719E-03	2.231E-03	3.710E-04	1.001E+04	3.494E+03	2.094E+03	2.094E+03
29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	2	3.903E-02	1.362E-02	8.173E-03	1.359E-03	3.667E+04	1.280E+04	7.672E+03	7.672E+03
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.903E-02	1.362E-02	8.173E-03	1.359E-03	3.667E+04	1.280E+04	7.672E+03	7.672E+03
30	SF NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	2	4.013E-02	1.400E-02	8.403E-03	1.397E-03	3.770E+04	1.316E+04	7.887E+03	7.887E+03
30	SF NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.013E-02	1.400E-02	8.403E-03	1.397E-03	3.770E+04	1.316E+04	7.887E+03	7.887E+03
31	SF NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	2	3.917E-02	1.367E-02	8.202E-03	1.364E-03	3.680E+04	1.284E+04	7.699E+03	7.699E+03
31	SF NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.917E-02	1.367E-02	8.202E-03	1.364E-03	3.680E+04	1.284E+04	7.699E+03	7.699E+03
32	SF ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	2	6.571E-03	2.291E-03	1.375E-03	2.286E-04	6.174E+03	2.153E+03	1.291E+03	1.291E+03
32	SF ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.571E-03	2.291E-03	1.375E-03	2.286E-04	6.174E+03	2.153E+03	1.291E+03	1.291E+03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	2	5.421E-03	1.883E-03	1.131E-03	1.879E-04	5.093E+03	1.770E+03	1.061E+03	1.061E+03
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.421E-03	1.883E-03	1.131E-03	1.879E-04	5.093E+03	1.770E+03	1.061E+03	1.061E+03
34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	2	6.126E-03	2.133E-03	1.280E-03	2.128E-04	5.756E+03	2.004E+03	1.202E+03	1.202E+03
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.126E-03	2.133E-03	1.280E-03	2.128E-04	5.756E+03	2.004E+03	1.202E+03	1.202E+03
35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	2	4.235E-03	1.478E-03	8.866E-04	1.474E-04	3.980E+03	1.388E+03	8.322E+02	8.322E+02
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.235E-03	1.478E-03	8.866E-04	1.474E-04	3.980E+03	1.388E+03	8.322E+02	8.322E+02
36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	2	1.675E-03	5.840E-04	3.505E-04	5.826E-05	1.574E+03	5.488E+02	3.290E+02	3.290E+02
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.675E-03	5.840E-04	3.505E-04	5.826E-05	1.574E+03	5.488E+02	3.290E+02	3.290E+02
37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	2	3.672E-03	1.277E-03	7.672E-04	1.274E-04	3.450E+03	1.200E+03	7.201E+02	7.201E+02
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.672E-03	1.277E-03	7.672E-04	1.274E-04	3.450E+03	1.200E+03	7.201E+02	7.201E+02
38	Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	2	3.359E-03	1.170E-03	7.023E-04	1.167E-04	3.156E+03	1.099E+03	6.593E+02	6.593E+02
38	Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.359E-03	1.170E-03	7.023E-04	1.167E-04	3.156E+03	1.099E+03	6.593E+02	6.593E+02
39	Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	2	2.292E-03	7.971E-04	4.788E-04	7.952E-05	2.153E+03	7.490E+02	4.494E+02	4.494E+02
39	Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.292E-03	7.971E-04	4.788E-04	7.952E-05	2.153E+03	7.490E+02	4.494E+02	4.494E+02
40	Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	2	5.689E-04	1.979E-04	1.188E-04	1.975E-05	5.345E+02	1.860E+02	1.116E+02	1.116E+02
40	Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.689E-04	1.979E-04	1.188E-04	1.975E-05	5.345E+02	1.860E+02	1.116E+02	1.116E+02

1REGION: De[illegible]urdock CODE: MILDOS-AREA (02/97) PAGE [illegible]
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TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
41	*Background*	*1*	*0.000E+00*	*0.000E+00*	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	2	1.215E-03	4.234E-04	2.541E-04	4.224E-05	1.141E+03	3.979E+02	2.386E+02	2.386E+02
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.215E-03	4.234E-04	2.541E-04	4.224E-05	1.141E+03	3.979E+02	2.386E+02	2.386E+02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	1.279E+01	1.277E+01	1.037E+01	8.044E+00	2.128E-05	6.198E-08	5.088E-12	9.570E-05	1.011E+01	1.011E+01	1.011E+01	9.022E+00
2	1.050E+01	1.050E+01	8.838E+00	7.092E+00	2.235E-05	8.076E-08	8.457E-12	8.207E-05	8.313E+00	8.313E+00	8.313E+00	9.475E+00
3	1.774E+01	1.761E+01	1.199E+01	7.841E+00	2.317E-05	9.676E-08	1.183E-11	1.082E-04	1.395E+01	1.395E+01	1.395E+01	9.823E+00
4	1.171E+01	1.168E+01	8.757E+00	6.270E+00	2.417E-05	1.309E-07	2.061E-11	7.982E-05	9.249E+00	9.249E+00	9.249E+00	1.025E+01
5	1.985E+01	1.935E+01	1.089E+01	6.586E+00	2.617E-05	1.551E-07	2.627E-11	9.971E-05	1.532E+01	1.532E+01	1.532E+01	1.110E+01
6	4.158E+01	3.988E+01	1.970E+01	1.020E+01	3.339E-05	2.030E-07	3.667E-11	1.790E-04	3.159E+01	3.159E+01	3.159E+01	1.416E+01
7	3.771E+01	3.759E+01	2.757E+01	1.876E+01	5.589E-05	2.778E-07	4.444E-11	2.485E-04	2.977E+01	2.977E+01	2.977E+01	2.370E+01
8	4.922E+01	4.840E+01	2.912E+01	1.671E+01	4.677E-05	2.554E-07	4.434E-11	2.598E-04	3.833E+01	3.833E+01	3.833E+01	1.983E+01
9	2.796E+01	2.791E+01	2.282E+01	1.763E+01	6.335E-05	3.136E-07	4.731E-11	2.102E-04	2.211E+01	2.211E+01	2.211E+01	2.686E+01
10	2.010E+01	2.010E+01	1.782E+01	1.522E+01	6.789E-05	3.418E-07	4.817E-11	1.678E-04	1.592E+01	1.592E+01	1.592E+01	2.878E+01
11	1.911E+01	1.910E+01	1.692E+01	1.456E+01	5.958E-05	2.574E-07	3.032E-11	1.598E-04	1.512E+01	1.512E+01	1.512E+01	2.526E+01
12	2.142E+01	2.108E+01	1.519E+01	1.133E+01	3.562E-05	1.268E-07	1.251E-11	1.409E-04	1.670E+01	1.670E+01	1.670E+01	1.510E+01
13	2.352E+01	2.332E+01	1.816E+01	1.401E+01	3.733E-05	1.071E-07	8.437E-12	1.683E-04	1.847E+01	1.847E+01	1.847E+01	1.583E+01
14	2.475E+01	2.450E+01	1.815E+01	1.313E+01	2.860E-05	6.902E-08	4.668E-12	1.662E-04	1.940E+01	1.940E+01	1.940E+01	1.213E+01
15	2.841E+01	2.761E+01	1.656E+01	9.609E+00	1.570E-05	3.589E-08	2.695E-12	1.482E-04	2.187E+01	2.187E+01	2.187E+01	6.657E+00
16	1.584E+01	1.569E+01	1.174E+01	8.515E+00	1.899E-05	4.766E-08	3.404E-12	1.074E-04	1.242E+01	1.242E+01	1.242E+01	8.049E+00
17	2.109E+01	2.067E+01	1.003E+01	4.668E+00	1.171E-05	6.336E-08	1.046E-11	8.957E-05	1.637E+01	1.637E+01	1.637E+01	4.965E+00
18	2.017E+01	1.982E+01	9.654E+00	4.445E+00	1.134E-05	6.001E-08	9.505E-12	8.594E-05	1.570E+01	1.570E+01	1.570E+01	4.806E+00
19	2.118E+01	2.077E+01	1.010E+01	4.720E+00	1.179E-05	5.779E-08	8.489E-12	9.022E-05	1.645E+01	1.645E+01	1.645E+01	4.998E+00
20	1.810E+01	1.780E+01	9.266E+00	4.881E+00	1.271E-05	5.396E-08	6.846E-12	8.352E-05	1.410E+01	1.410E+01	1.410E+01	5.387E+00
21	2.620E+01	2.490E+01	1.223E+01	6.224E+00	1.259E-05	4.187E-08	4.399E-12	1.109E-04	1.972E+01	1.972E+01	1.972E+01	5.339E+00
22	2.937E+01	2.932E+01	2.388E+01	1.818E+01	4.228E-05	1.075E-07	7.768E-12	2.191E-04	2.322E+01	2.322E+01	2.322E+01	1.793E+01
23	3.458E+01	3.415E+01	2.403E+01	1.595E+01	2.844E-05	6.041E-08	3.896E-12	2.165E-04	2.705E+01	2.705E+01	2.705E+01	1.206E+01
24	1.982E+01	1.982E+01	1.738E+01	1.437E+01	4.313E-05	1.393E-07	1.289E-11	1.621E-04	1.570E+01	1.570E+01	1.570E+01	1.828E+01
25	1.716E+01	1.715E+01	1.358E+01	9.642E+00	2.239E-05	7.637E-08	9.284E-12	1.225E-04	1.358E+01	1.358E+01	1.358E+01	9.493E+00
26	1.626E+01	1.615E+01	1.035E+01	6.095E+00	1.482E-05	6.873E-08	1.066E-11	9.184E-05	1.279E+01	1.279E+01	1.279E+01	6.285E+00
27	1.464E+01	1.409E+01	7.815E+00	4.407E+00	1.260E-05	6.663E-08	1.099E-11	7.058E-05	1.116E+01	1.116E+01	1.116E+01	5.343E+00
28	1.466E+01	1.362E+01	6.918E+00	3.894E+00	1.203E-05	6.672E-08	1.132E-11	6.363E-05	1.079E+01	1.079E+01	1.079E+01	5.100E+00
29	1.965E+01	1.597E+01	6.255E+00	3.248E+00	1.069E-05	5.957E-08	9.638E-12	6.028E-05	1.265E+01	1.265E+01	1.265E+01	4.532E+00
30	2.435E+01	1.782E+01	6.274E+00	3.144E+00	1.044E-05	5.810E-08	9.283E-12	6.189E-05	1.411E+01	1.411E+01	1.411E+01	4.425E+00
31	2.470E+01	2.198E+01	7.945E+00	3.565E+00	1.080E-05	6.063E-08	9.897E-12	7.622E-05	1.741E+01	1.741E+01	1.741E+01	4.580E+00
32	4.020E+01	3.868E+01	1.976E+01	9.736E+00	1.421E-05	3.506E-08	3.038E-12	1.763E-04	3.064E+01	3.064E+01	3.064E+01	6.023E+00
33	2.198E+01	2.153E+01	1.093E+01	6.370E+00	2.489E-05	1.377E-07	2.131E-11	1.013E-04	1.705E+01	1.705E+01	1.705E+01	1.055E+01
34	2.533E+01	2.501E+01	1.806E+01	1.272E+01	2.604E-05	5.987E-08	3.899E-12	1.648E-04	1.981E+01	1.981E+01	1.981E+01	1.104E+01
35	1.024E+01	1.000E+01	6.369E+00	4.098E+00	1.347E-05	7.748E-08	1.406E-11	5.788E-05	7.924E+00	7.924E+00	7.924E+00	5.711E+00
36	7.573E+00	7.573E+00	6.621E+00	5.521E+00	2.323E-05	1.340E-07	2.492E-11	6.196E-05	5.998E+00	5.998E+00	5.998E+00	9.847E+00
37	2.022E+01	2.022E+01	1.863E+01	1.664E+01	8.878E-05	5.541E-07	1.021E-10	1.773E-04	1.602E+01	1.602E+01	1.602E+01	3.764E+01
38	1.892E+01	1.890E+01	1.678E+01	1.448E+01	5.890E-05	2.511E-07	2.911E-11	1.586E-04	1.497E+01	1.497E+01	1.497E+01	2.497E+01
39	1.707E+01	1.708E+01	1.611E+01	1.499E+01	1.036E-04	7.856E-07	1.732E-10	1.552E-04	1.353E+01	1.353E+01	1.353E+01	4.393E+01
40	4.033E+00	4.035E+00	3.967E+00	3.873E+00	9.921E-05	2.362E-06	1.446E-09	3.872E-05	3.196E+00	3.196E+00	3.196E+00	4.206E+01
41	1.155E+01	1.155E+01	1.106E+01	1.042E+01	5.927E-05	3.173E-07	4.421E-11	1.069E-04	9.150E+00	9.150E+00	9.150E+00	2.513E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.01E+01	2.05E+01	1.58E+02	5.64E-01	6.24E-01	0.00E+00
INFANT	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
INFANT	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.02E+01	2.05E+01	1.58E+02	5.77E-01	6.37E-01	1.28E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.83E+00	1.77E+01	7.58E+01	2.36E-01	2.39E-01	0.00E+00
CHILD	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
CHILD	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
CHILD	VEG. ING	7.96E-02	1.04E+00	6.35E-02	6.35E-02	2.51E-01	0.00E+00
CHILD	MEAT ING	7.84E-03	1.08E-01	1.06E-02	1.06E-02	2.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.93E+00	1.89E+01	7.59E+01	3.23E-01	5.27E-01	1.28E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.49E+00	1.88E+01	3.95E+01	1.12E-01	1.31E-01	0.00E+00
TEENAGE	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
TEENAGE	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
TEENAGE	VEG. ING	1.32E-01	1.72E+00	1.05E-01	1.05E-01	4.16E-01	0.00E+00
TEENAGE	MEAT ING	1.27E-02	1.75E-01	1.72E-02	1.72E-02	3.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.64E+00	2.07E+01	3.96E+01	2.46E-01	5.98E-01	1.28E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.67E+00	1.82E+01	3.29E+01	9.37E-02	1.04E-01	0.00E+00
ADULT	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
ADULT	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
ADULT	VEG. ING	1.82E-01	2.37E+00	1.45E-01	1.45E-01	5.74E-01	0.00E+00
ADULT	MEAT ING	2.22E-02	3.06E-01	3.01E-02	3.01E-02	6.59E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.88E+00	2.09E+01	3.31E+01	2.81E-01	7.57E-01	1.28E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.11E+01	2.05E+01	1.58E+02	6.24E-01	6.47E-01	1.60E+01
INFANT	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
INFANT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.13E+01	2.07E+01	1.58E+02	8.56E-01	8.79E-01	1.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+01	1.77E+01	7.58E+01	2.63E-01	2.50E-01	1.60E+01
CHILD	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
CHILD	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
CHILD	VEG. ING	8.04E-02	1.05E+00	6.62E-02	6.62E-02	2.54E-01	0.00E+00
CHILD	MEAT ING	7.97E-03	1.09E-01	1.10E-02	1.10E-02	2.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+01	1.91E+01	7.61E+01	5.72E-01	7.59E-01	1.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.45E+00	1.88E+01	3.95E+01	1.23E-01	1.37E-01	1.60E+01
TEENAGE	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
TEENAGE	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
TEENAGE	VEG. ING	1.33E-01	1.73E+00	1.09E-01	1.09E-01	4.20E-01	0.00E+00
TEENAGE	MEAT ING	1.29E-02	1.77E-01	1.79E-02	1.79E-02	3.83E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.83E+00	2.10E+01	3.99E+01	4.82E-01	8.26E-01	1.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.63E+00	1.82E+01	3.29E+01	1.03E-01	1.09E-01	1.60E+01
ADULT	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
ADULT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
ADULT	VEG. ING	1.84E-01	2.39E+00	1.51E-01	1.51E-01	5.79E-01	0.00E+00
ADULT	MEAT ING	2.26E-02	3.10E-01	3.13E-02	3.13E-02	6.69E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.07E+00	2.12E+01	3.33E+01	5.17E-01	9.87E-01	1.62E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.39E+01	1.42E+01	1.09E+02	3.90E-01	4.31E-01	0.00E+00
INFANT	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
INFANT	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.39E+01	1.42E+01	1.09E+02	3.99E-01	4.40E-01	8.83E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.79E+00	1.22E+01	5.24E+01	1.63E-01	1.65E-01	0.00E+00
CHILD	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
CHILD	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
CHILD	VEG. ING	5.50E-02	7.18E-01	4.39E-02	4.39E-02	1.74E-01	0.00E+00
CHILD	MEAT ING	5.42E-03	7.45E-02	7.33E-03	7.33E-03	1.60E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.86E+00	1.30E+01	5.24E+01	2.23E-01	3.64E-01	8.83E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.79E+00	1.30E+01	2.73E+01	7.71E-02	9.05E-02	0.00E+00
TEENAGE	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
TEENAGE	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
TEENAGE	VEG. ING	9.10E-02	1.19E+00	7.24E-02	7.24E-02	2.87E-01	0.00E+00
TEENAGE	MEAT ING	8.79E-03	1.21E-01	1.19E-02	1.19E-02	2.60E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.90E+00	1.43E+01	2.74E+01	1.70E-01	4.13E-01	8.83E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.22E+00	1.26E+01	2.27E+01	6.47E-02	7.18E-02	0.00E+00
ADULT	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
ADULT	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
ADULT	VEG. ING	1.26E-01	1.64E+00	9.99E-02	9.99E-02	3.97E-01	0.00E+00
ADULT	MEAT ING	1.54E-02	2.11E-01	2.08E-02	2.08E-02	4.55E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.37E+00	1.44E+01	2.28E+01	1.94E-01	5.23E-01	8.83E-03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.47E+01	1.42E+01	1.09E+02	4.52E-01	4.55E-01	1.31E+01
INFANT	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
INFANT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.49E+01	1.43E+01	1.09E+02	6.30E-01	6.33E-01	1.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.58E+00	1.22E+01	5.24E+01	1.91E-01	1.77E-01	1.31E+01
CHILD	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
CHILD	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
CHILD	VEG. ING	5.58E-02	7.27E-01	4.67E-02	4.67E-02	1.76E-01	0.00E+00
CHILD	MEAT ING	5.55E-03	7.60E-02	7.78E-03	7.78E-03	1.64E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.82E+00	1.32E+01	5.26E+01	4.23E-01	5.47E-01	1.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.58E+00	1.30E+01	2.73E+01	8.90E-02	9.63E-02	1.31E+01
TEENAGE	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
TEENAGE	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
TEENAGE	VEG. ING	9.23E-02	1.20E+00	7.70E-02	7.70E-02	2.91E-01	0.00E+00
TEENAGE	MEAT ING	9.00E-03	1.23E-01	1.26E-02	1.26E-02	2.66E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.86E+00	1.45E+01	2.76E+01	3.56E-01	5.91E-01	1.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.01E+00	1.26E+01	2.27E+01	7.47E-02	7.66E-02	1.31E+01
ADULT	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
ADULT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
ADULT	VEG. ING	1.27E-01	1.66E+00	1.06E-01	1.06E-01	4.02E-01	0.00E+00
ADULT	MEAT ING	1.57E-02	2.16E-01	2.21E-02	2.21E-02	4.65E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.33E+00	1.47E+01	2.30E+01	3.81E-01	7.03E-01	1.33E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.63E+01	3.69E+01	2.85E+02	1.02E+00	1.12E+00	0.00E+00
INFANT	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
INFANT	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.64E+01	3.69E+01	2.85E+02	1.04E+00	1.15E+00	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.77E+01	3.19E+01	1.37E+02	4.26E-01	4.31E-01	0.00E+00
CHILD	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
CHILD	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
CHILD	VEG. ING	1.44E-01	1.87E+00	1.14E-01	1.14E-01	4.53E-01	0.00E+00
CHILD	MEAT ING	1.41E-02	1.94E-01	1.91E-02	1.91E-02	4.19E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.79E+01	3.40E+01	1.37E+02	5.82E-01	9.50E-01	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.89E+00	3.38E+01	7.12E+01	2.01E-01	2.36E-01	0.00E+00
TEENAGE	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
TEENAGE	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
TEENAGE	VEG. ING	2.37E-01	3.10E+00	1.89E-01	1.89E-01	7.50E-01	0.00E+00
TEENAGE	MEAT ING	2.29E-02	3.16E-01	3.10E-02	3.10E-02	6.79E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.02E+01	3.73E+01	7.15E+01	4.44E-01	1.08E+00	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.41E+00	3.28E+01	5.93E+01	1.69E-01	1.87E-01	0.00E+00
ADULT	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
ADULT	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
ADULT	VEG. ING	3.28E-01	4.28E+00	2.61E-01	2.61E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.01E-02	5.52E-01	5.42E-02	5.42E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.80E+00	3.77E+01	5.96E+01	5.07E-01	1.36E+00	2.31E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.77E+01	3.69E+01	2.85E+02	1.08E+00	1.15E+00	2.22E+01
INFANT	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
INFANT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.80E+01	3.73E+01	2.85E+02	1.43E+00	1.49E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.91E+01	3.19E+01	1.37E+02	4.55E-01	4.43E-01	2.22E+01
CHILD	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
CHILD	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
CHILD	VEG. ING	1.44E-01	1.88E+00	1.17E-01	1.17E-01	4.56E-01	0.00E+00
CHILD	MEAT ING	1.43E-02	1.96E-01	1.96E-02	1.96E-02	4.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.96E+01	3.43E+01	1.37E+02	9.36E-01	1.29E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.39E+01	7.12E+01	2.13E-01	2.42E-01	2.22E+01
TEENAGE	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
TEENAGE	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
TEENAGE	VEG. ING	2.39E-01	3.11E+00	1.94E-01	1.94E-01	7.54E-01	0.00E+00
TEENAGE	MEAT ING	2.32E-02	3.18E-01	3.18E-02	3.18E-02	6.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	3.76E+01	7.18E+01	7.83E-01	1.41E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.75E+00	3.28E+01	5.93E+01	1.79E-01	1.92E-01	2.22E+01
ADULT	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
ADULT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
ADULT	VEG. ING	3.30E-01	4.30E+00	2.67E-01	2.67E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.05E-02	5.56E-01	5.56E-02	5.56E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.05E+01	3.80E+01	5.99E+01	8.46E-01	1.70E+00	2.25E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.64E+01	1.67E+01	1.29E+02	4.60E-01	5.09E-01	0.00E+00
INFANT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
INFANT	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.64E+01	1.67E+01	1.29E+02	4.71E-01	5.19E-01	1.04E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.02E+00	1.44E+01	6.18E+01	1.93E-01	1.95E-01	0.00E+00
CHILD	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
CHILD	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
CHILD	VEG. ING	6.49E-02	8.47E-01	5.18E-02	5.18E-02	2.05E-01	0.00E+00
CHILD	MEAT ING	6.39E-03	8.80E-02	8.65E-03	8.65E-03	1.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.10E+00	1.54E+01	6.19E+01	2.64E-01	4.30E-01	1.04E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.47E+00	1.53E+01	3.22E+01	9.10E-02	1.07E-01	0.00E+00
TEENAGE	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
TEENAGE	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
TEENAGE	VEG. ING	1.07E-01	1.40E+00	8.54E-02	8.54E-02	3.39E-01	0.00E+00
TEENAGE	MEAT ING	1.04E-02	1.43E-01	1.40E-02	1.40E-02	3.07E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.60E+00	1.69E+01	3.23E+01	2.01E-01	4.87E-01	1.04E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.81E+00	1.49E+01	2.68E+01	7.64E-02	8.48E-02	0.00E+00
ADULT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
ADULT	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
ADULT	VEG. ING	1.48E-01	1.93E+00	1.18E-01	1.18E-01	4.68E-01	0.00E+00
ADULT	MEAT ING	1.81E-02	2.50E-01	2.45E-02	2.45E-02	5.37E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.98E+00	1.71E+01	2.70E+01	2.29E-01	6.17E-01	1.04E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.73E+01	1.67E+01	1.29E+02	5.28E-01	5.35E-01	1.46E+01
INFANT	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.75E+01	1.69E+01	1.29E+02	7.15E-01	7.22E-01	1.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.90E+00	1.44E+01	6.18E+01	2.23E-01	2.08E-01	1.46E+01
CHILD	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
CHILD	VEG. ING	6.58E-02	8.58E-01	5.48E-02	5.48E-02	2.08E-01	0.00E+00
CHILD	MEAT ING	6.54E-03	8.96E-02	9.14E-03	9.14E-03	1.93E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.16E+00	1.56E+01	6.21E+01	4.74E-01	6.21E-01	1.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.35E+00	1.53E+01	3.22E+01	1.04E-01	1.13E-01	1.46E+01
TEENAGE	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
TEENAGE	VEG. ING	1.09E-01	1.42E+00	9.04E-02	9.04E-02	3.43E-01	0.00E+00
TEENAGE	MEAT ING	1.06E-02	1.45E-01	1.48E-02	1.48E-02	3.14E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.66E+00	1.71E+01	3.25E+01	3.96E-01	6.75E-01	1.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.69E+00	1.49E+01	2.68E+01	8.71E-02	9.00E-02	1.46E+01
ADULT	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
ADULT	VEG. ING	1.50E-01	1.96E+00	1.25E-01	1.25E-01	4.74E-01	0.00E+00
ADULT	MEAT ING	1.85E-02	2.54E-01	2.59E-02	2.59E-02	5.48E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.04E+00	1.73E+01	2.71E+01	4.25E-01	8.06E-01	1.48E+01

1REGION: De[redacted]urdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.34E+01	2.38E+01	1.83E+02	6.54E-01	7.24E-01	0.00E+00
INFANT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
INFANT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.34E+01	2.38E+01	1.83E+02	6.69E-01	7.39E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.14E+01	2.05E+01	8.80E+01	2.74E-01	2.78E-01	0.00E+00
CHILD	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
CHILD	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
CHILD	VEG. ING	9.24E-02	1.21E+00	7.36E-02	7.36E-02	2.92E-01	0.00E+00
CHILD	MEAT ING	9.10E-03	1.25E-01	1.23E-02	1.23E-02	2.69E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	2.19E+01	8.81E+01	3.75E-01	6.11E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.36E+00	2.18E+01	4.58E+01	1.29E-01	1.52E-01	0.00E+00
TEENAGE	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
TEENAGE	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
TEENAGE	VEG. ING	1.53E-01	1.99E+00	1.21E-01	1.21E-01	4.83E-01	0.00E+00
TEENAGE	MEAT ING	1.48E-02	2.03E-01	2.00E-02	2.00E-02	4.37E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.55E+00	2.40E+01	4.60E+01	2.86E-01	6.93E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.41E+00	2.11E+01	3.81E+01	1.09E-01	1.21E-01	0.00E+00
ADULT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
ADULT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
ADULT	VEG. ING	2.11E-01	2.75E+00	1.68E-01	1.68E-01	6.66E-01	0.00E+00
ADULT	MEAT ING	2.58E-02	3.55E-01	3.49E-02	3.49E-02	7.64E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.67E+00	2.43E+01	3.84E+01	3.26E-01	8.78E-01	1.48E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.49E+01	2.38E+01	1.83E+02	7.28E-01	7.52E-01	2.48E+01
INFANT	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
INFANT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.51E+01	2.40E+01	1.83E+02	9.69E-01	9.94E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.29E+01	2.05E+01	8.80E+01	3.07E-01	2.91E-01	2.48E+01
CHILD	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
CHILD	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
CHILD	VEG. ING	9.33E-02	1.22E+00	7.69E-02	7.69E-02	2.94E-01	0.00E+00
CHILD	MEAT ING	9.25E-03	1.27E-01	1.28E-02	1.28E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+01	2.21E+01	8.83E+01	6.38E-01	8.55E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.86E+00	2.18E+01	4.58E+01	1.43E-01	1.59E-01	2.48E+01
TEENAGE	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
TEENAGE	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
TEENAGE	VEG. ING	1.54E-01	2.01E+00	1.27E-01	1.27E-01	4.87E-01	0.00E+00
TEENAGE	MEAT ING	1.50E-02	2.06E-01	2.08E-02	2.08E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.27E+00	2.43E+01	4.62E+01	5.33E-01	9.32E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.90E+00	2.11E+01	3.81E+01	1.20E-01	1.26E-01	2.48E+01
ADULT	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
ADULT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
ADULT	VEG. ING	2.13E-01	2.78E+00	1.75E-01	1.75E-01	6.73E-01	0.00E+00
ADULT	MEAT ING	2.62E-02	3.60E-01	3.64E-02	3.64E-02	7.76E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.39E+00	2.45E+01	3.86E+01	5.74E-01	1.12E+00	2.51E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.34E+01	2.38E+01	1.83E+02	6.55E-01	7.24E-01	0.00E+00
INFANT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
INFANT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.34E+01	2.38E+01	1.83E+02	6.70E-01	7.39E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.14E+01	2.05E+01	8.80E+01	2.74E-01	2.78E-01	0.00E+00
CHILD	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
CHILD	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
CHILD	VEG. ING	9.24E-02	1.21E+00	7.37E-02	7.37E-02	2.92E-01	0.00E+00
CHILD	MEAT ING	9.10E-03	1.25E-01	1.23E-02	1.23E-02	2.70E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	2.19E+01	8.81E+01	3.75E-01	6.12E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.37E+00	2.18E+01	4.59E+01	1.29E-01	1.52E-01	0.00E+00
TEENAGE	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
TEENAGE	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
TEENAGE	VEG. ING	1.53E-01	2.00E+00	1.22E-01	1.22E-01	4.83E-01	0.00E+00
TEENAGE	MEAT ING	1.48E-02	2.03E-01	2.00E-02	2.00E-02	4.37E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.55E+00	2.40E+01	4.60E+01	2.86E-01	6.94E-01	1.48E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.42E+00	2.11E+01	3.82E+01	1.09E-01	1.21E-01	0.00E+00
ADULT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
ADULT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
ADULT	VEG. ING	2.11E-01	2.75E+00	1.68E-01	1.68E-01	6.67E-01	0.00E+00
ADULT	MEAT ING	2.58E-02	3.55E-01	3.49E-02	3.49E-02	7.65E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.67E+00	2.43E+01	3.84E+01	3.26E-01	8.79E-01	1.48E-02

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.65E+01	2.38E+01	1.83E+02	7.48E-01	7.61E-01	5.20E+01
INFANT	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
INFANT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.68E+01	2.41E+01	1.84E+02	1.04E+00	1.05E+00	5.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.05E+01	8.80E+01	3.16E-01	2.95E-01	5.20E+01
CHILD	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
CHILD	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
CHILD	VEG. ING	9.37E-02	1.22E+00	7.79E-02	7.79E-02	2.95E-01	0.00E+00
CHILD	MEAT ING	9.30E-03	1.27E-01	1.30E-02	1.30E-02	2.75E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.49E+01	2.22E+01	8.84E+01	6.98E-01	9.09E-01	5.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.49E+00	2.18E+01	4.59E+01	1.47E-01	1.61E-01	5.20E+01
TEENAGE	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
TEENAGE	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
TEENAGE	VEG. ING	1.55E-01	2.02E+00	1.29E-01	1.29E-01	4.89E-01	0.00E+00
TEENAGE	MEAT ING	1.51E-02	2.07E-01	2.11E-02	2.11E-02	4.46E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.95E+00	2.44E+01	4.63E+01	5.88E-01	9.86E-01	5.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.54E+00	2.12E+01	3.82E+01	1.24E-01	1.28E-01	5.20E+01
ADULT	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
ADULT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
ADULT	VEG. ING	2.14E-01	2.79E+00	1.77E-01	1.77E-01	6.75E-01	0.00E+00
ADULT	MEAT ING	2.64E-02	3.62E-01	3.68E-02	3.68E-02	7.80E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.07E+00	2.46E+01	3.87E+01	6.29E-01	1.17E+00	5.23E+01

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 7 NAME=CPP SSE X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.13E+01	4.20E+01	3.24E+02	1.16E+00	1.28E+00	0.00E+00
INFANT	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
INFANT	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.13E+01	4.20E+01	3.24E+02	1.18E+00	1.31E+00	2.62E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.01E+01	3.63E+01	1.55E+02	4.84E-01	4.91E-01	0.00E+00
CHILD	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
CHILD	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
CHILD	VEG. ING	1.63E-01	2.13E+00	1.30E-01	1.30E-01	5.15E-01	0.00E+00
CHILD	MEAT ING	1.61E-02	2.21E-01	2.18E-02	2.18E-02	4.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.04E+01	3.86E+01	1.56E+02	6.62E-01	1.08E+00	2.62E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.85E+01	8.10E+01	2.29E-01	2.69E-01	0.00E+00
TEENAGE	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
TEENAGE	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
TEENAGE	VEG. ING	2.70E-01	3.52E+00	2.15E-01	2.15E-01	8.53E-01	0.00E+00
TEENAGE	MEAT ING	2.61E-02	3.59E-01	3.53E-02	3.53E-02	7.72E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.16E+01	4.24E+01	8.13E+01	5.05E-01	1.22E+00	2.62E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.56E+00	3.73E+01	6.74E+01	1.92E-01	2.13E-01	0.00E+00
ADULT	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
ADULT	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
ADULT	VEG. ING	3.73E-01	4.86E+00	2.96E-01	2.96E-01	1.18E+00	0.00E+00
ADULT	MEAT ING	4.56E-02	6.28E-01	6.17E-02	6.17E-02	1.35E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.00E+01	4.29E+01	6.78E+01	5.76E-01	1.55E+00	2.62E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 7 NAME=CPP SSE X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.41E+01	4.20E+01	3.24E+02	1.31E+00	1.34E+00	4.71E+01
INFANT	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
INFANT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.46E+01	4.25E+01	3.24E+02	1.82E+00	1.85E+00	4.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.30E+01	3.63E+01	1.55E+02	5.54E-01	5.19E-01	4.71E+01
CHILD	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
CHILD	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
CHILD	VEG. ING	1.65E-01	2.15E+00	1.37E-01	1.37E-01	5.21E-01	0.00E+00
CHILD	MEAT ING	1.64E-02	2.25E-01	2.29E-02	2.29E-02	4.85E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.37E+01	3.92E+01	1.56E+02	1.22E+00	1.60E+00	4.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.41E+01	3.86E+01	8.10E+01	2.58E-01	2.83E-01	4.71E+01
TEENAGE	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
TEENAGE	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
TEENAGE	VEG. ING	2.73E-01	3.56E+00	2.26E-01	2.26E-01	8.62E-01	0.00E+00
TEENAGE	MEAT ING	2.66E-02	3.65E-01	3.71E-02	3.71E-02	7.87E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.49E+01	4.30E+01	8.17E+01	1.03E+00	1.73E+00	4.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.24E+01	3.74E+01	6.74E+01	2.17E-01	2.25E-01	4.71E+01
ADULT	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
ADULT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
ADULT	VEG. ING	3.77E-01	4.92E+00	3.13E-01	3.13E-01	1.19E+00	0.00E+00
ADULT	MEAT ING	4.65E-02	6.38E-01	6.49E-02	6.49E-02	1.38E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.34E+01	6.83E+01	1.10E+00	2.06E+00	4.76E+01

1REGION: D[redacted] Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.75E+01	2.80E+01	2.16E+02	7.71E-01	8.52E-01	0.00E+00
INFANT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
INFANT	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.75E+01	2.80E+01	2.16E+02	7.88E-01	8.70E-01	1.75E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.34E+01	2.42E+01	1.04E+02	3.23E-01	3.27E-01	0.00E+00
CHILD	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
CHILD	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
CHILD	VEG. ING	1.09E-01	1.42E+00	8.67E-02	8.67E-02	3.44E-01	0.00E+00
CHILD	MEAT ING	1.07E-02	1.47E-01	1.45E-02	1.45E-02	3.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.36E+01	2.57E+01	1.04E+02	4.41E-01	7.20E-01	1.75E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.49E+00	2.57E+01	5.40E+01	1.52E-01	1.79E-01	0.00E+00
TEENAGE	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
TEENAGE	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
TEENAGE	VEG. ING	1.80E-01	2.35E+00	1.43E-01	1.43E-01	5.68E-01	0.00E+00
TEENAGE	MEAT ING	1.74E-02	2.39E-01	2.35E-02	2.35E-02	5.15E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.71E+00	2.83E+01	5.41E+01	3.36E-01	8.16E-01	1.75E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.37E+00	2.49E+01	4.49E+01	1.28E-01	1.42E-01	0.00E+00
ADULT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
ADULT	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
ADULT	VEG. ING	2.48E-01	3.24E+00	1.98E-01	1.98E-01	7.85E-01	0.00E+00
ADULT	MEAT ING	3.04E-02	4.18E-01	4.11E-02	4.11E-02	9.00E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.67E+00	2.86E+01	4.52E+01	3.84E-01	1.03E+00	1.75E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.12E+01	2.80E+01	2.16E+02	9.02E-01	9.03E-01	6.15E+01
INFANT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.16E+01	2.84E+01	2.16E+02	1.30E+00	1.30E+00	6.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.71E+01	2.42E+01	1.04E+02	3.81E-01	3.51E-01	6.15E+01
CHILD	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	1.10E-01	1.44E+00	9.26E-02	9.26E-02	3.48E-01	0.00E+00
CHILD	MEAT ING	1.10E-02	1.51E-01	1.54E-02	1.54E-02	3.25E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.76E+01	2.62E+01	1.04E+02	8.86E-01	1.13E+00	6.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	2.57E+01	5.40E+01	1.77E-01	1.91E-01	6.15E+01
TEENAGE	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	1.83E-01	2.38E+00	1.53E-01	1.53E-01	5.76E-01	0.00E+00
TEENAGE	MEAT ING	1.78E-02	2.44E-01	2.50E-02	2.50E-02	5.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	2.87E+01	5.45E+01	7.52E-01	1.22E+00	6.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	2.49E+01	4.49E+01	1.49E-01	1.52E-01	6.15E+01
ADULT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	2.52E-01	3.29E+00	2.11E-01	2.11E-01	7.96E-01	0.00E+00
ADULT	MEAT ING	3.12E-02	4.27E-01	4.38E-02	4.38E-02	9.21E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.07E+01	2.90E+01	4.56E+01	8.00E-01	1.44E+00	6.19E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 9 NAME=CPP S X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.15E+01	9.30E+01	7.17E+02	2.56E+00	2.83E+00	0.00E+00
INFANT	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
INFANT	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.15E+01	9.30E+01	7.17E+02	2.62E+00	2.89E+00	5.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.46E+01	8.03E+01	3.44E+02	1.07E+00	1.09E+00	0.00E+00
CHILD	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
CHILD	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
CHILD	VEG. ING	3.62E-01	4.72E+00	2.88E-01	2.88E-01	1.14E+00	0.00E+00
CHILD	MEAT ING	3.56E-02	4.90E-01	4.82E-02	4.82E-02	1.05E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.51E+01	8.55E+01	3.45E+02	1.47E+00	2.39E+00	5.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.49E+01	8.52E+01	1.79E+02	5.06E-01	5.95E-01	0.00E+00
TEENAGE	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
TEENAGE	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
TEENAGE	VEG. ING	5.98E-01	7.80E+00	4.75E-01	4.75E-01	1.89E+00	0.00E+00
TEENAGE	MEAT ING	5.78E-02	7.95E-01	7.82E-02	7.82E-02	1.71E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.56E+01	9.39E+01	1.80E+02	1.12E+00	2.71E+00	5.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.12E+01	8.27E+01	1.49E+02	4.25E-01	4.72E-01	0.00E+00
ADULT	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
ADULT	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
ADULT	VEG. ING	8.25E-01	1.08E+01	6.56E-01	6.56E-01	2.61E+00	0.00E+00
ADULT	MEAT ING	1.01E-01	1.39E+00	1.37E-01	1.37E-01	2.99E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.22E+01	9.49E+01	1.50E+02	1.28E+00	3.44E+00	5.80E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 9 NAME=CPP S X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.36E+01	9.30E+01	7.17E+02	2.74E+00	2.90E+00	3.50E+01
INFANT	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.44E+01	9.38E+01	7.17E+02	3.57E+00	3.74E+00	3.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.67E+01	8.03E+01	3.44E+02	1.15E+00	1.12E+00	3.50E+01
CHILD	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	3.64E-01	4.75E+00	2.96E-01	2.96E-01	1.15E+00	0.00E+00
CHILD	MEAT ING	3.60E-02	4.94E-01	4.94E-02	4.94E-02	1.06E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.80E+01	8.64E+01	3.45E+02	2.33E+00	3.21E+00	3.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.70E+01	8.53E+01	1.79E+02	5.40E-01	6.11E-01	3.50E+01
TEENAGE	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	6.02E-01	7.85E+00	4.89E-01	4.89E-01	1.90E+00	0.00E+00
TEENAGE	MEAT ING	5.84E-02	8.02E-01	8.02E-02	8.02E-02	1.73E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.85E+01	9.48E+01	1.81E+02	1.94E+00	3.52E+00	3.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.33E+01	8.27E+01	1.49E+02	4.53E-01	4.86E-01	3.50E+01
ADULT	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	8.31E-01	1.08E+01	6.75E-01	6.75E-01	2.62E+00	0.00E+00
ADULT	MEAT ING	1.02E-01	1.40E+00	1.40E-01	1.40E-01	3.02E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.51E+01	9.58E+01	1.51E+02	2.10E+00	4.24E+00	3.58E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 10 NAME=CPP SSW X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.80E+01	2.84E+01	2.19E+02	7.83E-01	8.66E-01	0.00E+00
INFANT	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
INFANT	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.80E+01	2.84E+01	2.19E+02	8.01E-01	8.83E-01	1.77E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.45E+01	1.05E+02	3.28E-01	3.32E-01	0.00E+00
CHILD	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
CHILD	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
CHILD	VEG. ING	1.11E-01	1.44E+00	8.81E-02	8.81E-02	3.49E-01	0.00E+00
CHILD	MEAT ING	1.09E-02	1.50E-01	1.47E-02	1.47E-02	3.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.62E+01	1.05E+02	4.49E-01	7.31E-01	1.77E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.61E+00	2.61E+01	5.48E+01	1.55E-01	1.82E-01	0.00E+00
TEENAGE	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
TEENAGE	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
TEENAGE	VEG. ING	1.83E-01	2.39E+00	1.45E-01	1.45E-01	5.77E-01	0.00E+00
TEENAGE	MEAT ING	1.77E-02	2.43E-01	2.39E-02	2.39E-02	5.23E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.83E+00	2.87E+01	5.50E+01	3.42E-01	8.29E-01	1.77E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.47E+00	2.53E+01	4.56E+01	1.30E-01	1.44E-01	0.00E+00
ADULT	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
ADULT	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
ADULT	VEG. ING	2.52E-01	3.29E+00	2.01E-01	2.01E-01	7.97E-01	0.00E+00
ADULT	MEAT ING	3.09E-02	4.25E-01	4.18E-02	4.18E-02	9.14E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.77E+00	2.90E+01	4.59E+01	3.90E-01	1.05E+00	1.77E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 10 NAME=CPP SSW X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.95E+01	2.85E+01	2.19E+02	9.73E-01	9.40E-01	2.51E+01
INFANT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
INFANT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	2.88E+01	2.19E+02	1.34E+00	1.31E+00	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.51E+01	2.46E+01	1.05E+02	4.12E-01	3.67E-01	2.51E+01
CHILD	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
CHILD	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	VEG. ING	1.13E-01	1.47E+00	9.67E-02	9.67E-02	3.56E-01	0.00E+00
CHILD	MEAT ING	1.13E-02	1.54E-01	1.61E-02	1.61E-02	3.33E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.56E+01	2.66E+01	1.06E+02	8.91E-01	1.12E+00	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.12E+00	2.61E+01	5.48E+01	1.91E-01	1.99E-01	2.51E+01
TEENAGE	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
TEENAGE	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	VEG. ING	1.87E-01	2.43E+00	1.59E-01	1.59E-01	5.89E-01	0.00E+00
TEENAGE	MEAT ING	1.83E-02	2.50E-01	2.61E-02	2.61E-02	5.41E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.70E+00	2.92E+01	5.54E+01	7.43E-01	1.21E+00	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.99E+00	2.53E+01	4.56E+01	1.60E-01	1.59E-01	2.51E+01
ADULT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
ADULT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	VEG. ING	2.58E-01	3.36E+00	2.20E-01	2.20E-01	8.13E-01	0.00E+00
ADULT	MEAT ING	3.20E-02	4.38E-01	4.56E-02	4.56E-02	9.45E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.64E+00	2.95E+01	4.62E+01	7.92E-01	1.43E+00	2.55E+01

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21/[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.99E+01	2.02E+01	1.56E+02	5.57E-01	6.15E-01	0.00E+00
INFANT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
INFANT	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.99E+01	2.02E+01	1.56E+02	5.69E-01	6.28E-01	1.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.69E+00	1.75E+01	7.47E+01	2.33E-01	2.36E-01	0.00E+00
CHILD	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
CHILD	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
CHILD	VEG. ING	7.85E-02	1.03E+00	6.27E-02	6.27E-02	2.48E-01	0.00E+00
CHILD	MEAT ING	7.74E-03	1.06E-01	1.05E-02	1.05E-02	2.29E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.79E+00	1.86E+01	7.48E+01	3.19E-01	5.19E-01	1.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.41E+00	1.85E+01	3.89E+01	1.10E-01	1.29E-01	0.00E+00
TEENAGE	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
TEENAGE	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
TEENAGE	VEG. ING	1.30E-01	1.70E+00	1.03E-01	1.03E-01	4.10E-01	0.00E+00
TEENAGE	MEAT ING	1.26E-02	1.73E-01	1.70E-02	1.70E-02	3.72E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.56E+00	2.04E+01	3.91E+01	2.43E-01	5.89E-01	1.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.60E+00	1.80E+01	3.24E+01	9.24E-02	1.03E-01	0.00E+00
ADULT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
ADULT	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
ADULT	VEG. ING	1.79E-01	2.34E+00	1.43E-01	1.43E-01	5.66E-01	0.00E+00
ADULT	MEAT ING	2.19E-02	3.02E-01	2.97E-02	2.97E-02	6.49E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.81E+00	2.06E+01	3.26E+01	2.77E-01	7.46E-01	1.26E-02

1REGION: D[redacted] Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.13E+01	2.02E+01	1.56E+02	7.24E-01	6.80E-01	2.39E+01
INFANT	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.16E+01	2.05E+01	1.56E+02	1.03E+00	9.83E-01	2.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.11E+01	1.75E+01	7.47E+01	3.07E-01	2.67E-01	2.39E+01
CHILD	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
CHILD	VEG. ING	8.07E-02	1.05E+00	7.02E-02	7.02E-02	2.54E-01	0.00E+00
CHILD	MEAT ING	8.08E-03	1.10E-01	1.17E-02	1.17E-02	2.39E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	1.89E+01	7.51E+01	6.92E-01	8.47E-01	2.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.85E+00	1.86E+01	3.89E+01	1.42E-01	1.45E-01	2.39E+01
TEENAGE	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
TEENAGE	VEG. ING	1.34E-01	1.74E+00	1.16E-01	1.16E-01	4.20E-01	0.00E+00
TEENAGE	MEAT ING	1.31E-02	1.79E-01	1.89E-02	1.89E-02	3.87E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.30E+00	2.08E+01	3.94E+01	5.79E-01	9.06E-01	2.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.04E+00	1.80E+01	3.24E+01	1.19E-01	1.15E-01	2.39E+01
ADULT	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
ADULT	VEG. ING	1.84E-01	2.40E+00	1.60E-01	1.60E-01	5.80E-01	0.00E+00
ADULT	MEAT ING	2.29E-02	3.13E-01	3.31E-02	3.31E-02	6.77E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.55E+00	2.10E+01	3.29E+01	6.14E-01	1.07E+00	2.42E+01

1REGION: De[redacted]urdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21/[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.22E+01	5.31E+01	4.09E+02	1.46E+00	1.62E+00	0.00E+00
INFANT	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
INFANT	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.22E+01	5.31E+01	4.09E+02	1.50E+00	1.65E+00	3.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.55E+01	4.58E+01	1.96E+02	6.12E-01	6.20E-01	0.00E+00
CHILD	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
CHILD	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
CHILD	VEG. ING	2.06E-01	2.69E+00	1.65E-01	1.65E-01	6.51E-01	0.00E+00
CHILD	MEAT ING	2.03E-02	2.80E-01	2.75E-02	2.75E-02	6.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.57E+01	4.88E+01	1.97E+02	8.37E-01	1.36E+00	3.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.42E+01	4.87E+01	1.02E+02	2.89E-01	3.40E-01	0.00E+00
TEENAGE	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
TEENAGE	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
TEENAGE	VEG. ING	3.41E-01	4.45E+00	2.71E-01	2.71E-01	1.08E+00	0.00E+00
TEENAGE	MEAT ING	3.30E-02	4.54E-01	4.46E-02	4.46E-02	9.76E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.46E+01	5.36E+01	1.03E+02	6.38E-01	1.55E+00	3.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.21E+01	4.72E+01	8.52E+01	2.43E-01	2.69E-01	0.00E+00
ADULT	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
ADULT	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
ADULT	VEG. ING	4.71E-01	6.15E+00	3.75E-01	3.75E-01	1.49E+00	0.00E+00
ADULT	MEAT ING	5.76E-02	7.93E-01	7.80E-02	7.80E-02	1.71E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.27E+01	5.42E+01	8.56E+01	7.29E-01	1.96E+00	3.31E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.38E+01	5.31E+01	4.09E+02	1.56E+00	1.66E+00	2.68E+01
INFANT	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
INFANT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.43E+01	5.36E+01	4.09E+02	2.05E+00	2.15E+00	2.73E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.71E+01	4.58E+01	1.96E+02	6.57E-01	6.38E-01	2.68E+01
CHILD	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
CHILD	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
CHILD	VEG. ING	2.08E-01	2.71E+00	1.69E-01	1.69E-01	6.55E-01	0.00E+00
CHILD	MEAT ING	2.05E-02	2.82E-01	2.82E-02	2.82E-02	6.07E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.78E+01	4.93E+01	1.97E+02	1.35E+00	1.85E+00	2.73E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.58E+01	4.87E+01	1.02E+02	3.08E-01	3.49E-01	2.68E+01
TEENAGE	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
TEENAGE	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
TEENAGE	VEG. ING	3.43E-01	4.48E+00	2.79E-01	2.79E-01	1.08E+00	0.00E+00
TEENAGE	MEAT ING	3.33E-02	4.58E-01	4.58E-02	4.58E-02	9.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.67E+01	5.41E+01	1.03E+02	1.12E+00	2.02E+00	2.73E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.37E+01	4.72E+01	8.52E+01	2.59E-01	2.77E-01	2.68E+01
ADULT	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
ADULT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
ADULT	VEG. ING	4.74E-01	6.18E+00	3.85E-01	3.85E-01	1.50E+00	0.00E+00
ADULT	MEAT ING	5.82E-02	8.00E-01	8.00E-02	8.00E-02	1.72E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.47E+01	5.47E+01	8.61E+01	1.22E+00	2.44E+00	2.73E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 13 NAME=CPP W X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.98E+01	3.04E+01	2.34E+02	8.36E-01	9.24E-01	0.00E+00
INFANT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
INFANT	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	3.04E+01	2.34E+02	8.55E-01	9.43E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.46E+01	2.62E+01	1.12E+02	3.50E-01	3.55E-01	0.00E+00
CHILD	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
CHILD	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
CHILD	VEG. ING	1.18E-01	1.54E+00	9.41E-02	9.41E-02	3.72E-01	0.00E+00
CHILD	MEAT ING	1.16E-02	1.60E-01	1.57E-02	1.57E-02	3.44E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.79E+01	1.12E+02	4.79E-01	7.80E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.12E+00	2.78E+01	5.85E+01	1.65E-01	1.94E-01	0.00E+00
TEENAGE	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
TEENAGE	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
TEENAGE	VEG. ING	1.95E-01	2.55E+00	1.55E-01	1.55E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	1.89E-02	2.59E-01	2.55E-02	2.55E-02	5.58E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.36E+00	3.07E+01	5.87E+01	3.65E-01	8.85E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.91E+00	2.70E+01	4.87E+01	1.39E-01	1.54E-01	0.00E+00
ADULT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
ADULT	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
ADULT	VEG. ING	2.69E-01	3.51E+00	2.14E-01	2.14E-01	8.50E-01	0.00E+00
ADULT	MEAT ING	3.30E-02	4.53E-01	4.46E-02	4.46E-02	9.75E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.23E+00	3.10E+01	4.89E+01	4.17E-01	1.12E+00	1.89E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 13 NAME=CPP W X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.16E+01	3.04E+01	2.34E+02	9.41E-01	9.65E-01	2.94E+01
INFANT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
INFANT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.20E+01	3.08E+01	2.34E+02	1.31E+00	1.33E+00	2.98E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.63E+01	2.62E+01	1.12E+02	3.97E-01	3.74E-01	2.94E+01
CHILD	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
CHILD	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
CHILD	VEG. ING	1.19E-01	1.56E+00	9.88E-02	9.88E-02	3.76E-01	0.00E+00
CHILD	MEAT ING	1.18E-02	1.62E-01	1.65E-02	1.65E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.68E+01	2.83E+01	1.13E+02	8.80E-01	1.15E+00	2.98E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.89E+00	2.79E+01	5.85E+01	1.85E-01	2.04E-01	2.94E+01
TEENAGE	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
TEENAGE	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
TEENAGE	VEG. ING	1.97E-01	2.57E+00	1.63E-01	1.63E-01	6.22E-01	0.00E+00
TEENAGE	MEAT ING	1.92E-02	2.64E-01	2.67E-02	2.67E-02	5.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.05E+01	3.11E+01	5.90E+01	7.43E-01	1.25E+00	2.98E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.68E+00	2.70E+01	4.87E+01	1.55E-01	1.62E-01	2.94E+01
ADULT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
ADULT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
ADULT	VEG. ING	2.72E-01	3.55E+00	2.25E-01	2.25E-01	8.59E-01	0.00E+00
ADULT	MEAT ING	3.36E-02	4.61E-01	4.67E-02	4.67E-02	9.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.35E+00	3.14E+01	4.93E+01	7.95E-01	1.49E+00	2.98E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.38E+01	3.44E+01	2.64E+02	9.47E-01	1.05E+00	0.00E+00
INFANT	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
INFANT	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.38E+01	3.44E+01	2.65E+02	9.68E-01	1.07E+00	2.14E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.97E+01	1.27E+02	3.96E-01	4.01E-01	0.00E+00
CHILD	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
CHILD	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.07E-01	1.07E-01	4.21E-01	0.00E+00
CHILD	MEAT ING	1.31E-02	1.81E-01	1.78E-02	1.78E-02	3.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.66E+01	3.16E+01	1.27E+02	5.42E-01	8.83E-01	2.14E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.19E+00	3.15E+01	6.62E+01	1.87E-01	2.20E-01	0.00E+00
TEENAGE	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
TEENAGE	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
TEENAGE	VEG. ING	2.21E-01	2.88E+00	1.76E-01	1.76E-01	6.97E-01	0.00E+00
TEENAGE	MEAT ING	2.13E-02	2.94E-01	2.89E-02	2.89E-02	6.32E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.46E+00	3.47E+01	6.64E+01	4.13E-01	1.00E+00	2.14E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.82E+00	3.06E+01	5.51E+01	1.57E-01	1.74E-01	0.00E+00
ADULT	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
ADULT	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
ADULT	VEG. ING	3.05E-01	3.98E+00	2.43E-01	2.43E-01	9.63E-01	0.00E+00
ADULT	MEAT ING	3.73E-02	5.13E-01	5.05E-02	5.05E-02	1.10E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.18E+00	3.51E+01	5.54E+01	4.72E-01	1.27E+00	2.14E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.56E+01	3.44E+01	2.64E+02	1.03E+00	1.08E+00	3.09E+01
INFANT	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
INFANT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.60E+01	3.48E+01	2.65E+02	1.41E+00	1.46E+00	3.13E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.83E+01	2.97E+01	1.27E+02	4.32E-01	4.16E-01	3.09E+01
CHILD	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
CHILD	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
CHILD	VEG. ING	1.35E-01	1.75E+00	1.10E-01	1.10E-01	4.24E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.83E-01	1.84E-02	1.84E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.89E+01	3.20E+01	1.28E+02	9.48E-01	1.27E+00	3.13E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.11E+01	3.15E+01	6.62E+01	2.02E-01	2.27E-01	3.09E+01
TEENAGE	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
TEENAGE	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
TEENAGE	VEG. ING	2.23E-01	2.90E+00	1.82E-01	1.82E-01	7.02E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.97E-01	2.98E-02	2.98E-02	6.39E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.17E+01	3.51E+01	6.68E+01	8.01E-01	1.38E+00	3.13E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.68E+00	3.06E+01	5.51E+01	1.70E-01	1.80E-01	3.09E+01
ADULT	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
ADULT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
ADULT	VEG. ING	3.07E-01	4.01E+00	2.51E-01	2.51E-01	9.69E-01	0.00E+00
ADULT	MEAT ING	3.78E-02	5.19E-01	5.21E-02	5.21E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.04E+01	3.55E+01	5.58E+01	8.60E-01	1.65E+00	3.13E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 15 NAME=CPP NW X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.41E+01	3.48E+01	2.67E+02	9.58E-01	1.06E+00	0.00E+00
INFANT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
INFANT	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.42E+01	3.48E+01	2.67E+02	9.80E-01	1.08E+00	2.17E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.67E+01	3.00E+01	1.28E+02	4.01E-01	4.06E-01	0.00E+00
CHILD	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
CHILD	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
CHILD	VEG. ING	1.35E-01	1.76E+00	1.08E-01	1.08E-01	4.26E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.83E-01	1.80E-02	1.80E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.68E+01	3.20E+01	1.29E+02	5.49E-01	8.93E-01	2.17E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.30E+00	3.19E+01	6.69E+01	1.89E-01	2.22E-01	0.00E+00
TEENAGE	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
TEENAGE	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
TEENAGE	VEG. ING	2.23E-01	2.91E+00	1.78E-01	1.78E-01	7.05E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.97E-01	2.92E-02	2.92E-02	6.39E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.57E+00	3.51E+01	6.72E+01	4.18E-01	1.01E+00	2.17E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.91E+00	3.09E+01	5.57E+01	1.59E-01	1.76E-01	0.00E+00
ADULT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
ADULT	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
ADULT	VEG. ING	3.08E-01	4.02E+00	2.46E-01	2.46E-01	9.73E-01	0.00E+00
ADULT	MEAT ING	3.77E-02	5.19E-01	5.11E-02	5.11E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.28E+00	3.55E+01	5.60E+01	4.77E-01	1.28E+00	2.17E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 15 NAME=CPP NW X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.63E+01	3.48E+01	2.67E+02	1.00E+00	1.08E+00	3.55E+01
INFANT	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.66E+01	3.51E+01	2.68E+02	1.36E+00	1.43E+00	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+01	3.00E+01	1.28E+02	4.21E-01	4.14E-01	3.55E+01
CHILD	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	1.36E-01	1.77E+00	1.10E-01	1.10E-01	4.28E-01	0.00E+00
CHILD	MEAT ING	1.34E-02	1.84E-01	1.83E-02	1.83E-02	3.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.93E+01	3.23E+01	1.29E+02	9.03E-01	1.24E+00	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.14E+01	3.19E+01	6.69E+01	1.98E-01	2.26E-01	3.55E+01
TEENAGE	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	2.24E-01	2.93E+00	1.81E-01	1.81E-01	7.08E-01	0.00E+00
TEENAGE	MEAT ING	2.17E-02	2.99E-01	2.98E-02	2.98E-02	6.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.20E+01	3.55E+01	6.75E+01	7.63E-01	1.35E+00	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.00E+01	3.09E+01	5.57E+01	1.66E-01	1.80E-01	3.55E+01
ADULT	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	3.10E-01	4.04E+00	2.50E-01	2.50E-01	9.77E-01	0.00E+00
ADULT	MEAT ING	3.80E-02	5.22E-01	5.20E-02	5.20E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.07E+01	3.59E+01	5.64E+01	8.22E-01	1.62E+00	3.59E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 16 NAME=CPP NNW X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.56E+01	2.61E+01	2.01E+02	7.19E-01	7.94E-01	0.00E+00
INFANT	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
INFANT	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.57E+01	2.61E+01	2.01E+02	7.35E-01	8.11E-01	1.63E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.25E+01	2.25E+01	9.65E+01	3.01E-01	3.05E-01	0.00E+00
CHILD	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
CHILD	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
CHILD	VEG. ING	1.01E-01	1.32E+00	8.09E-02	8.09E-02	3.20E-01	0.00E+00
CHILD	MEAT ING	9.99E-03	1.37E-01	1.35E-02	1.35E-02	2.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.26E+01	2.40E+01	9.66E+01	4.12E-01	6.71E-01	1.63E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.98E+00	2.39E+01	5.03E+01	1.42E-01	1.67E-01	0.00E+00
TEENAGE	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
TEENAGE	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
TEENAGE	VEG. ING	1.68E-01	2.19E+00	1.33E-01	1.33E-01	5.29E-01	0.00E+00
TEENAGE	MEAT ING	1.62E-02	2.23E-01	2.19E-02	2.19E-02	4.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.18E+00	2.64E+01	5.05E+01	3.14E-01	7.61E-01	1.63E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.94E+00	2.32E+01	4.18E+01	1.19E-01	1.32E-01	0.00E+00
ADULT	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
ADULT	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
ADULT	VEG. ING	2.32E-01	3.02E+00	1.84E-01	1.84E-01	7.31E-01	0.00E+00
ADULT	MEAT ING	2.83E-02	3.90E-01	3.83E-02	3.83E-02	8.39E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.22E+00	2.66E+01	4.21E+01	3.58E-01	9.64E-01	1.63E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 16 NAME=CPP NNW X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.68E+01	2.61E+01	2.01E+02	7.72E-01	8.15E-01	1.98E+01
INFANT	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
INFANT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.71E+01	2.64E+01	2.01E+02	1.05E+00	1.09E+00	2.01E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.37E+01	2.25E+01	9.65E+01	3.25E-01	3.14E-01	1.98E+01
CHILD	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
CHILD	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
CHILD	VEG. ING	1.02E-01	1.33E+00	8.33E-02	8.33E-02	3.22E-01	0.00E+00
CHILD	MEAT ING	1.01E-02	1.39E-01	1.39E-02	1.39E-02	2.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.41E+01	2.43E+01	9.69E+01	6.98E-01	9.43E-01	2.01E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.17E+00	2.39E+01	5.03E+01	1.52E-01	1.72E-01	1.98E+01
TEENAGE	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
TEENAGE	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
TEENAGE	VEG. ING	1.69E-01	2.20E+00	1.37E-01	1.37E-01	5.33E-01	0.00E+00
TEENAGE	MEAT ING	1.64E-02	2.25E-01	2.26E-02	2.26E-02	4.85E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.64E+00	2.66E+01	5.07E+01	5.89E-01	1.03E+00	2.01E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.13E+00	2.32E+01	4.18E+01	1.28E-01	1.36E-01	1.98E+01
ADULT	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
ADULT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
ADULT	VEG. ING	2.33E-01	3.04E+00	1.90E-01	1.90E-01	7.36E-01	0.00E+00
ADULT	MEAT ING	2.86E-02	3.93E-01	3.94E-02	3.94E-02	8.47E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.67E+00	2.69E+01	4.24E+01	6.34E-01	1.23E+00	2.01E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 17 NAME=SF N X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.43E+01	2.48E+01	1.91E+02	6.83E-01	7.55E-01	0.00E+00
INFANT	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
INFANT	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.44E+01	2.48E+01	1.91E+02	6.99E-01	7.70E-01	1.54E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.19E+01	2.14E+01	9.16E+01	2.86E-01	2.89E-01	0.00E+00
CHILD	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
CHILD	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
CHILD	VEG. ING	9.63E-02	1.26E+00	7.69E-02	7.69E-02	3.04E-01	0.00E+00
CHILD	MEAT ING	9.49E-03	1.31E-01	1.29E-02	1.29E-02	2.81E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	2.28E+01	9.17E+01	3.91E-01	6.37E-01	1.54E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.63E+00	2.28E+01	4.77E+01	1.35E-01	1.59E-01	0.00E+00
TEENAGE	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
TEENAGE	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
TEENAGE	VEG. ING	1.59E-01	2.08E+00	1.27E-01	1.27E-01	5.02E-01	0.00E+00
TEENAGE	MEAT ING	1.54E-02	2.12E-01	2.09E-02	2.09E-02	4.56E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.82E+00	2.51E+01	4.79E+01	2.98E-01	7.22E-01	1.54E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.64E+00	2.21E+01	3.97E+01	1.13E-01	1.26E-01	0.00E+00
ADULT	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
ADULT	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
ADULT	VEG. ING	2.20E-01	2.87E+00	1.75E-01	1.75E-01	6.94E-01	0.00E+00
ADULT	MEAT ING	2.69E-02	3.70E-01	3.65E-02	3.65E-02	7.96E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.90E+00	2.53E+01	3.99E+01	3.41E-01	9.15E-01	1.54E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 17 NAME=SF N X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.59E+01	2.48E+01	1.91E+02	7.16E-01	7.67E-01	2.64E+01
INFANT	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
INFANT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.62E+01	2.50E+01	1.91E+02	9.46E-01	9.97E-01	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.35E+01	2.14E+01	9.16E+01	3.01E-01	2.95E-01	2.64E+01
CHILD	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
CHILD	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
CHILD	VEG. ING	9.67E-02	1.26E+00	7.84E-02	7.84E-02	3.05E-01	0.00E+00
CHILD	MEAT ING	9.56E-03	1.31E-01	1.31E-02	1.31E-02	2.83E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.31E+01	9.19E+01	6.22E-01	8.58E-01	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.21E+00	2.28E+01	4.77E+01	1.41E-01	1.62E-01	2.64E+01
TEENAGE	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
TEENAGE	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
TEENAGE	VEG. ING	1.60E-01	2.09E+00	1.29E-01	1.29E-01	5.04E-01	0.00E+00
TEENAGE	MEAT ING	1.55E-02	2.13E-01	2.12E-02	2.12E-02	4.59E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.62E+00	2.53E+01	4.81E+01	5.21E-01	9.41E-01	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.22E+00	2.21E+01	3.97E+01	1.19E-01	1.28E-01	2.64E+01
ADULT	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
ADULT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
ADULT	VEG. ING	2.21E-01	2.88E+00	1.79E-01	1.79E-01	6.97E-01	0.00E+00
ADULT	MEAT ING	2.71E-02	3.73E-01	3.71E-02	3.71E-02	8.02E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.70E+00	2.56E+01	4.02E+01	5.64E-01	1.13E+00	2.66E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 18 NAME=SF NNE X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.73E+01	2.78E+01	2.14E+02	7.66E-01	8.46E-01	0.00E+00
INFANT	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
INFANT	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.73E+01	2.78E+01	2.14E+02	7.84E-01	8.64E-01	1.73E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.33E+01	2.40E+01	1.03E+02	3.21E-01	3.25E-01	0.00E+00
CHILD	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
CHILD	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
CHILD	VEG. ING	1.08E-01	1.41E+00	8.62E-02	8.62E-02	3.41E-01	0.00E+00
CHILD	MEAT ING	1.06E-02	1.46E-01	1.44E-02	1.44E-02	3.15E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.35E+01	2.56E+01	1.03E+02	4.39E-01	7.14E-01	1.73E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.43E+00	2.55E+01	5.35E+01	1.52E-01	1.78E-01	0.00E+00
TEENAGE	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
TEENAGE	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
TEENAGE	VEG. ING	1.79E-01	2.33E+00	1.42E-01	1.42E-01	5.63E-01	0.00E+00
TEENAGE	MEAT ING	1.73E-02	2.38E-01	2.34E-02	2.34E-02	5.11E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.65E+00	2.81E+01	5.37E+01	3.34E-01	8.10E-01	1.73E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.32E+00	2.47E+01	4.45E+01	1.27E-01	1.41E-01	0.00E+00
ADULT	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
ADULT	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
ADULT	VEG. ING	2.47E-01	3.22E+00	1.96E-01	1.96E-01	7.78E-01	0.00E+00
ADULT	MEAT ING	3.02E-02	4.15E-01	4.09E-02	4.09E-02	8.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.62E+00	2.84E+01	4.48E+01	3.82E-01	1.03E+00	1.73E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 18 NAME=SF NNE X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.88E+01	2.78E+01	2.14E+02	7.98E-01	8.59E-01	2.52E+01
INFANT	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
INFANT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.91E+01	2.81E+01	2.14E+02	1.05E+00	1.11E+00	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.40E+01	1.03E+02	3.35E-01	3.30E-01	2.52E+01
CHILD	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
CHILD	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
CHILD	VEG. ING	1.08E-01	1.41E+00	8.77E-02	8.77E-02	3.42E-01	0.00E+00
CHILD	MEAT ING	1.07E-02	1.47E-01	1.46E-02	1.46E-02	3.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.52E+01	2.58E+01	1.03E+02	6.84E-01	9.51E-01	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.95E+00	2.55E+01	5.35E+01	1.58E-01	1.81E-01	2.52E+01
TEENAGE	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
TEENAGE	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
TEENAGE	VEG. ING	1.79E-01	2.34E+00	1.45E-01	1.45E-01	5.65E-01	0.00E+00
TEENAGE	MEAT ING	1.74E-02	2.39E-01	2.38E-02	2.38E-02	5.14E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.39E+00	2.83E+01	5.39E+01	5.73E-01	1.04E+00	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.84E+00	2.48E+01	4.45E+01	1.32E-01	1.43E-01	2.52E+01
ADULT	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
ADULT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
ADULT	VEG. ING	2.48E-01	3.23E+00	2.00E-01	2.00E-01	7.81E-01	0.00E+00
ADULT	MEAT ING	3.04E-02	4.17E-01	4.15E-02	4.15E-02	8.98E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.36E+00	2.86E+01	4.50E+01	6.21E-01	1.26E+00	2.55E+01

1REGION: D[redacted] Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 19 NAME=SF NE X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.61E+01	2.66E+01	2.04E+02	7.32E-01	8.08E-01	0.00E+00
INFANT	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
INFANT	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.61E+01	2.66E+01	2.04E+02	7.48E-01	8.25E-01	1.65E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.27E+01	2.29E+01	9.81E+01	3.06E-01	3.10E-01	0.00E+00
CHILD	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
CHILD	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
CHILD	VEG. ING	1.03E-01	1.35E+00	8.23E-02	8.23E-02	3.25E-01	0.00E+00
CHILD	MEAT ING	1.02E-02	1.40E-01	1.38E-02	1.38E-02	3.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.28E+01	2.44E+01	9.82E+01	4.19E-01	6.82E-01	1.65E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.10E+00	2.44E+01	5.11E+01	1.45E-01	1.70E-01	0.00E+00
TEENAGE	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
TEENAGE	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
TEENAGE	VEG. ING	1.71E-01	2.23E+00	1.36E-01	1.36E-01	5.38E-01	0.00E+00
TEENAGE	MEAT ING	1.65E-02	2.27E-01	2.23E-02	2.23E-02	4.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.30E+00	2.68E+01	5.13E+01	3.19E-01	7.73E-01	1.65E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.04E+00	2.36E+01	4.25E+01	1.21E-01	1.35E-01	0.00E+00
ADULT	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
ADULT	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
ADULT	VEG. ING	2.35E-01	3.07E+00	1.88E-01	1.88E-01	7.43E-01	0.00E+00
ADULT	MEAT ING	2.88E-02	3.96E-01	3.90E-02	3.90E-02	8.52E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.32E+00	2.71E+01	4.28E+01	3.65E-01	9.79E-01	1.65E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 19 NAME=SF NE X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.77E+01	2.66E+01	2.04E+02	7.65E-01	8.21E-01	2.65E+01
INFANT	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
INFANT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.79E+01	2.68E+01	2.04E+02	1.01E+00	1.06E+00	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.43E+01	2.29E+01	9.81E+01	3.21E-01	3.16E-01	2.65E+01
CHILD	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
CHILD	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
CHILD	VEG. ING	1.04E-01	1.35E+00	8.38E-02	8.38E-02	3.26E-01	0.00E+00
CHILD	MEAT ING	1.02E-02	1.41E-01	1.40E-02	1.40E-02	3.02E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.47E+01	9.84E+01	6.61E-01	9.15E-01	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.69E+00	2.44E+01	5.11E+01	1.51E-01	1.73E-01	2.65E+01
TEENAGE	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
TEENAGE	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
TEENAGE	VEG. ING	1.71E-01	2.23E+00	1.38E-01	1.38E-01	5.40E-01	0.00E+00
TEENAGE	MEAT ING	1.66E-02	2.28E-01	2.27E-02	2.27E-02	4.91E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.12E+00	2.71E+01	5.15E+01	5.54E-01	1.00E+00	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.63E+00	2.36E+01	4.25E+01	1.27E-01	1.37E-01	2.65E+01
ADULT	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
ADULT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
ADULT	VEG. ING	2.36E-01	3.08E+00	1.91E-01	1.91E-01	7.46E-01	0.00E+00
ADULT	MEAT ING	2.90E-02	3.99E-01	3.97E-02	3.97E-02	8.58E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.13E+00	2.74E+01	4.30E+01	5.99E-01	1.21E+00	2.67E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+01	2.26E+01	1.74E+02	6.23E-01	6.88E-01	0.00E+00
INFANT	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
INFANT	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+01	2.26E+01	1.74E+02	6.37E-01	7.02E-01	1.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+01	1.95E+01	8.35E+01	2.61E-01	2.64E-01	0.00E+00
CHILD	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
CHILD	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
CHILD	VEG. ING	8.78E-02	1.15E+00	7.01E-02	7.01E-02	2.77E-01	0.00E+00
CHILD	MEAT ING	8.65E-03	1.19E-01	1.17E-02	1.17E-02	2.56E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.09E+01	2.08E+01	8.36E+01	3.57E-01	5.81E-01	1.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.04E+00	2.07E+01	4.35E+01	1.23E-01	1.45E-01	0.00E+00
TEENAGE	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
TEENAGE	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
TEENAGE	VEG. ING	1.45E-01	1.89E+00	1.16E-01	1.16E-01	4.58E-01	0.00E+00
TEENAGE	MEAT ING	1.40E-02	1.93E-01	1.90E-02	1.90E-02	4.15E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.22E+00	2.28E+01	4.37E+01	2.72E-01	6.58E-01	1.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.14E+00	2.01E+01	3.62E+01	1.03E-01	1.15E-01	0.00E+00
ADULT	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
ADULT	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
ADULT	VEG. ING	2.00E-01	2.62E+00	1.60E-01	1.60E-01	6.33E-01	0.00E+00
ADULT	MEAT ING	2.45E-02	3.38E-01	3.32E-02	3.32E-02	7.26E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.38E+00	2.31E+01	3.64E+01	3.10E-01	8.34E-01	1.41E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.26E+01	1.74E+02	6.59E-01	7.02E-01	2.26E+01
INFANT	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
INFANT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.28E+01	1.74E+02	8.74E-01	9.17E-01	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.22E+01	1.95E+01	8.35E+01	2.77E-01	2.70E-01	2.26E+01
CHILD	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
CHILD	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
CHILD	VEG. ING	8.83E-02	1.15E+00	7.17E-02	7.17E-02	2.78E-01	0.00E+00
CHILD	MEAT ING	8.72E-03	1.20E-01	1.20E-02	1.20E-02	2.58E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.25E+01	2.10E+01	8.38E+01	5.76E-01	7.90E-01	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.40E+00	2.08E+01	4.35E+01	1.30E-01	1.48E-01	2.26E+01
TEENAGE	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
TEENAGE	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
TEENAGE	VEG. ING	1.46E-01	1.90E+00	1.18E-01	1.18E-01	4.60E-01	0.00E+00
TEENAGE	MEAT ING	1.42E-02	1.95E-01	1.94E-02	1.94E-02	4.19E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.78E+00	2.31E+01	4.39E+01	4.83E-01	8.65E-01	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.50E+00	2.01E+01	3.62E+01	1.09E-01	1.17E-01	2.26E+01
ADULT	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
ADULT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
ADULT	VEG. ING	2.02E-01	2.63E+00	1.63E-01	1.63E-01	6.36E-01	0.00E+00
ADULT	MEAT ING	2.47E-02	3.40E-01	3.40E-02	3.40E-02	7.32E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.94E+00	2.33E+01	3.66E+01	5.22E-01	1.04E+00	2.28E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 21 NAME=SF E X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.97E+01	3.03E+01	2.33E+02	8.35E-01	9.22E-01	0.00E+00
INFANT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
INFANT	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	3.03E+01	2.33E+02	8.54E-01	9.41E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.62E+01	1.12E+02	3.50E-01	3.54E-01	0.00E+00
CHILD	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
CHILD	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
CHILD	VEG. ING	1.18E-01	1.54E+00	9.40E-02	9.40E-02	3.71E-01	0.00E+00
CHILD	MEAT ING	1.16E-02	1.59E-01	1.57E-02	1.57E-02	3.43E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.79E+01	1.12E+02	4.78E-01	7.78E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.10E+00	2.78E+01	5.83E+01	1.65E-01	1.94E-01	0.00E+00
TEENAGE	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
TEENAGE	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
TEENAGE	VEG. ING	1.95E-01	2.54E+00	1.55E-01	1.55E-01	6.14E-01	0.00E+00
TEENAGE	MEAT ING	1.88E-02	2.59E-01	2.55E-02	2.55E-02	5.57E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.33E+00	3.06E+01	5.85E+01	3.64E-01	8.82E-01	1.89E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.89E+00	2.70E+01	4.85E+01	1.39E-01	1.54E-01	0.00E+00
ADULT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
ADULT	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
ADULT	VEG. ING	2.69E-01	3.51E+00	2.14E-01	2.14E-01	8.48E-01	0.00E+00
ADULT	MEAT ING	3.29E-02	4.52E-01	4.45E-02	4.45E-02	9.73E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.21E+00	3.09E+01	4.88E+01	4.16E-01	1.12E+00	1.89E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 21 NAME=SF E X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.17E+01	3.03E+01	2.33E+02	8.70E-01	9.36E-01	3.28E+01
INFANT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
INFANT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.20E+01	3.06E+01	2.33E+02	1.16E+00	1.22E+00	3.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.62E+01	1.12E+02	3.65E-01	3.60E-01	3.28E+01
CHILD	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
CHILD	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
CHILD	VEG. ING	1.18E-01	1.54E+00	9.55E-02	9.55E-02	3.73E-01	0.00E+00
CHILD	MEAT ING	1.17E-02	1.60E-01	1.60E-02	1.60E-02	3.45E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.82E+01	1.12E+02	7.62E-01	1.05E+00	3.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	2.78E+01	5.83E+01	1.72E-01	1.97E-01	3.28E+01
TEENAGE	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
TEENAGE	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
TEENAGE	VEG. ING	1.95E-01	2.55E+00	1.58E-01	1.58E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	1.89E-02	2.60E-01	2.59E-02	2.59E-02	5.60E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.09E+01	5.88E+01	6.41E-01	1.15E+00	3.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.86E+00	2.70E+01	4.85E+01	1.44E-01	1.56E-01	3.28E+01
ADULT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
ADULT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
ADULT	VEG. ING	2.70E-01	3.52E+00	2.18E-01	2.18E-01	8.51E-01	0.00E+00
ADULT	MEAT ING	3.31E-02	4.55E-01	4.53E-02	4.53E-02	9.79E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.45E+00	3.12E+01	4.91E+01	6.92E-01	1.39E+00	3.30E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 22 NAME=SF SSE X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.50E+01	2.55E+01	1.96E+02	7.02E-01	7.76E-01	0.00E+00
INFANT	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
INFANT	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.50E+01	2.55E+01	1.96E+02	7.18E-01	7.92E-01	1.59E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.22E+01	2.20E+01	9.42E+01	2.94E-01	2.98E-01	0.00E+00
CHILD	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
CHILD	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
CHILD	VEG. ING	9.90E-02	1.29E+00	7.91E-02	7.91E-02	3.12E-01	0.00E+00
CHILD	MEAT ING	9.75E-03	1.34E-01	1.32E-02	1.32E-02	2.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.23E+01	2.35E+01	9.43E+01	4.02E-01	6.55E-01	1.59E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.82E+00	2.34E+01	4.91E+01	1.39E-01	1.63E-01	0.00E+00
TEENAGE	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
TEENAGE	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
TEENAGE	VEG. ING	1.64E-01	2.14E+00	1.30E-01	1.30E-01	5.17E-01	0.00E+00
TEENAGE	MEAT ING	1.58E-02	2.18E-01	2.14E-02	2.14E-02	4.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.01E+00	2.58E+01	4.92E+01	3.07E-01	7.42E-01	1.59E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.80E+00	2.27E+01	4.08E+01	1.17E-01	1.29E-01	0.00E+00
ADULT	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
ADULT	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
ADULT	VEG. ING	2.26E-01	2.95E+00	1.80E-01	1.80E-01	7.14E-01	0.00E+00
ADULT	MEAT ING	2.77E-02	3.81E-01	3.75E-02	3.75E-02	8.19E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.07E+00	2.60E+01	4.11E+01	3.50E-01	9.41E-01	1.59E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 22 NAME=SF SSE X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.72E+01	2.55E+01	1.96E+02	8.21E-01	8.22E-01	3.67E+01
INFANT	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.76E+01	2.59E+01	1.96E+02	1.20E+00	1.21E+00	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.44E+01	2.20E+01	9.42E+01	3.47E-01	3.19E-01	3.67E+01
CHILD	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
CHILD	VEG. ING	1.01E-01	1.31E+00	8.44E-02	8.44E-02	3.17E-01	0.00E+00
CHILD	MEAT ING	1.00E-02	1.37E-01	1.41E-02	1.41E-02	2.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.49E+01	2.39E+01	9.47E+01	8.29E-01	1.05E+00	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.02E+00	2.34E+01	4.91E+01	1.61E-01	1.74E-01	3.67E+01
TEENAGE	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
TEENAGE	VEG. ING	1.66E-01	2.17E+00	1.39E-01	1.39E-01	5.24E-01	0.00E+00
TEENAGE	MEAT ING	1.62E-02	2.22E-01	2.28E-02	2.28E-02	4.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.59E+00	2.62E+01	4.96E+01	7.07E-01	1.13E+00	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.00E+00	2.27E+01	4.08E+01	1.35E-01	1.38E-01	3.67E+01
ADULT	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
ADULT	VEG. ING	2.30E-01	2.99E+00	1.92E-01	1.92E-01	7.23E-01	0.00E+00
ADULT	MEAT ING	2.84E-02	3.89E-01	3.99E-02	3.99E-02	8.38E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.65E+00	2.65E+01	4.15E+01	7.51E-01	1.33E+00	3.71E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.65E+01	3.72E+01	2.86E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
INFANT	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.65E+01	3.72E+01	2.86E+02	1.05E+00	1.15E+00	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.78E+01	3.21E+01	1.37E+02	4.29E-01	4.34E-01	0.00E+00
CHILD	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
CHILD	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
CHILD	VEG. ING	1.44E-01	1.88E+00	1.15E-01	1.15E-01	4.55E-01	0.00E+00
CHILD	MEAT ING	1.42E-02	1.96E-01	1.92E-02	1.92E-02	4.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.80E+01	3.42E+01	1.37E+02	5.86E-01	9.54E-01	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.93E+00	3.41E+01	7.15E+01	2.02E-01	2.37E-01	0.00E+00
TEENAGE	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
TEENAGE	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
TEENAGE	VEG. ING	2.39E-01	3.11E+00	1.90E-01	1.90E-01	7.53E-01	0.00E+00
TEENAGE	MEAT ING	2.31E-02	3.17E-01	3.12E-02	3.12E-02	6.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.02E+01	3.75E+01	7.18E+01	4.47E-01	1.08E+00	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.45E+00	3.30E+01	5.95E+01	1.70E-01	1.88E-01	0.00E+00
ADULT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
ADULT	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
ADULT	VEG. ING	3.29E-01	4.30E+00	2.62E-01	2.62E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.03E-02	5.55E-01	5.46E-02	5.46E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.84E+00	3.79E+01	5.98E+01	5.10E-01	1.37E+00	2.31E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.91E+01	3.72E+01	2.86E+02	1.10E+00	1.16E+00	4.32E+01
INFANT	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
INFANT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.95E+01	3.76E+01	2.86E+02	1.55E+00	1.60E+00	4.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.04E+01	3.21E+01	1.37E+02	4.64E-01	4.48E-01	4.32E+01
CHILD	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
CHILD	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	VEG. ING	1.45E-01	1.89E+00	1.19E-01	1.19E-01	4.58E-01	0.00E+00
CHILD	MEAT ING	1.44E-02	1.97E-01	1.98E-02	1.98E-02	4.25E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.10E+01	3.46E+01	1.38E+02	1.04E+00	1.39E+00	4.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.25E+01	3.41E+01	7.15E+01	2.18E-01	2.45E-01	4.32E+01
TEENAGE	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
TEENAGE	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	VEG. ING	2.40E-01	3.13E+00	1.96E-01	1.96E-01	7.58E-01	0.00E+00
TEENAGE	MEAT ING	2.33E-02	3.20E-01	3.22E-02	3.22E-02	6.90E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.32E+01	3.80E+01	7.22E+01	8.88E-01	1.51E+00	4.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.10E+01	3.31E+01	5.95E+01	1.83E-01	1.94E-01	4.32E+01
ADULT	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
ADULT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	VEG. ING	3.32E-01	4.33E+00	2.70E-01	2.70E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.08E-02	5.60E-01	5.62E-02	5.62E-02	1.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.19E+01	3.84E+01	6.03E+01	9.52E-01	1.80E+00	4.37E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.40E+01	1.43E+01	1.10E+02	3.93E-01	4.35E-01	0.00E+00
INFANT	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
INFANT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.40E+01	1.43E+01	1.10E+02	4.02E-01	4.44E-01	8.90E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.84E+00	1.23E+01	5.28E+01	1.65E-01	1.67E-01	0.00E+00
CHILD	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
CHILD	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
CHILD	VEG. ING	5.55E-02	7.24E-01	4.43E-02	4.43E-02	1.75E-01	0.00E+00
CHILD	MEAT ING	5.46E-03	7.52E-02	7.40E-03	7.40E-03	1.62E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.91E+00	1.31E+01	5.28E+01	2.25E-01	3.67E-01	8.90E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.82E+00	1.31E+01	2.75E+01	7.78E-02	9.13E-02	0.00E+00
TEENAGE	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
TEENAGE	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
TEENAGE	VEG. ING	9.17E-02	1.20E+00	7.30E-02	7.30E-02	2.89E-01	0.00E+00
TEENAGE	MEAT ING	8.87E-03	1.22E-01	1.20E-02	1.20E-02	2.62E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.93E+00	1.44E+01	2.76E+01	1.72E-01	4.16E-01	8.90E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.25E+00	1.27E+01	2.29E+01	6.53E-02	7.24E-02	0.00E+00
ADULT	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
ADULT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
ADULT	VEG. ING	1.27E-01	1.65E+00	1.01E-01	1.01E-01	4.00E-01	0.00E+00
ADULT	MEAT ING	1.55E-02	2.13E-01	2.10E-02	2.10E-02	4.59E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.40E+00	1.46E+01	2.30E+01	1.96E-01	5.27E-01	8.90E-03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.55E+01	1.43E+01	1.10E+02	5.14E-01	4.82E-01	2.48E+01
INFANT	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.58E+01	1.46E+01	1.10E+02	7.75E-01	7.43E-01	2.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.33E+00	1.24E+01	5.28E+01	2.18E-01	1.89E-01	2.48E+01
CHILD	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	5.70E-02	7.42E-01	4.97E-02	4.97E-02	1.79E-01	0.00E+00
CHILD	MEAT ING	5.71E-03	7.81E-02	8.26E-03	8.26E-03	1.69E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.65E+00	1.34E+01	5.31E+01	5.38E-01	6.46E-01	2.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.31E+00	1.31E+01	2.75E+01	1.01E-01	1.02E-01	2.48E+01
TEENAGE	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	9.43E-02	1.23E+00	8.20E-02	8.20E-02	2.97E-01	0.00E+00
TEENAGE	MEAT ING	9.28E-03	1.27E-01	1.34E-02	1.34E-02	2.74E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.67E+00	1.48E+01	2.78E+01	4.57E-01	6.88E-01	2.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.74E+00	1.27E+01	2.29E+01	8.45E-02	8.16E-02	2.48E+01
ADULT	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.30E-01	1.69E+00	1.13E-01	1.13E-01	4.10E-01	0.00E+00
ADULT	MEAT ING	1.62E-02	2.21E-01	2.34E-02	2.34E-02	4.79E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.15E+00	1.49E+01	2.33E+01	4.82E-01	8.00E-01	2.50E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SF SSW X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.83E+01	1.86E+01	1.43E+02	5.12E-01	5.66E-01	0.00E+00
INFANT	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
INFANT	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.83E+01	1.86E+01	1.43E+02	5.24E-01	5.77E-01	1.16E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.91E+00	1.61E+01	6.87E+01	2.15E-01	2.17E-01	0.00E+00
CHILD	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
CHILD	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
CHILD	VEG. ING	7.22E-02	9.42E-01	5.77E-02	5.77E-02	2.28E-01	0.00E+00
CHILD	MEAT ING	7.11E-03	9.79E-02	9.63E-03	9.63E-03	2.10E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.00E+00	1.71E+01	6.88E+01	2.93E-01	4.77E-01	1.16E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.97E+00	1.71E+01	3.58E+01	1.01E-01	1.19E-01	0.00E+00
TEENAGE	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
TEENAGE	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
TEENAGE	VEG. ING	1.19E-01	1.56E+00	9.51E-02	9.51E-02	3.77E-01	0.00E+00
TEENAGE	MEAT ING	1.15E-02	1.59E-01	1.56E-02	1.56E-02	3.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.11E+00	1.88E+01	3.59E+01	2.24E-01	5.41E-01	1.16E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.23E+00	1.65E+01	2.98E+01	8.51E-02	9.43E-02	0.00E+00
ADULT	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
ADULT	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
ADULT	VEG. ING	1.65E-01	2.15E+00	1.31E-01	1.31E-01	5.20E-01	0.00E+00
ADULT	MEAT ING	2.02E-02	2.78E-01	2.73E-02	2.73E-02	5.97E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.43E+00	1.90E+01	2.99E+01	2.55E-01	6.86E-01	1.16E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SF SSW X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.95E+01	1.86E+01	1.43E+02	5.75E-01	5.90E-01	2.14E+01
INFANT	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.98E+01	1.89E+01	1.43E+02	8.15E-01	8.30E-01	2.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.02E+01	1.61E+01	6.87E+01	2.42E-01	2.29E-01	2.14E+01
CHILD	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	7.30E-02	9.52E-01	6.05E-02	6.05E-02	2.30E-01	0.00E+00
CHILD	MEAT ING	7.24E-03	9.94E-02	1.01E-02	1.01E-02	2.14E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.05E+01	1.74E+01	6.90E+01	5.52E-01	7.19E-01	2.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.26E+00	1.71E+01	3.58E+01	1.13E-01	1.25E-01	2.14E+01
TEENAGE	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	1.21E-01	1.57E+00	9.98E-02	9.98E-02	3.81E-01	0.00E+00
TEENAGE	MEAT ING	1.18E-02	1.61E-01	1.64E-02	1.64E-02	3.48E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.63E+00	1.91E+01	3.61E+01	4.69E-01	7.79E-01	2.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.52E+00	1.66E+01	2.98E+01	9.50E-02	9.91E-02	2.14E+01
ADULT	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	1.67E-01	2.17E+00	1.38E-01	1.38E-01	5.26E-01	0.00E+00
ADULT	MEAT ING	2.06E-02	2.82E-01	2.86E-02	2.86E-02	6.07E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.94E+00	1.93E+01	3.02E+01	5.01E-01	9.25E-01	2.17E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.04E+01	3.10E+01	2.38E+02	8.54E-01	9.43E-01	0.00E+00
INFANT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
INFANT	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.04E+01	3.10E+01	2.38E+02	8.74E-01	9.63E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.68E+01	1.14E+02	3.58E-01	3.62E-01	0.00E+00
CHILD	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
CHILD	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
CHILD	VEG. ING	1.20E-01	1.57E+00	9.61E-02	9.61E-02	3.80E-01	0.00E+00
CHILD	MEAT ING	1.19E-02	1.63E-01	1.61E-02	1.61E-02	3.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.50E+01	2.85E+01	1.15E+02	4.89E-01	7.96E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.29E+00	2.84E+01	5.96E+01	1.69E-01	1.98E-01	0.00E+00
TEENAGE	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
TEENAGE	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
TEENAGE	VEG. ING	1.99E-01	2.60E+00	1.59E-01	1.59E-01	6.28E-01	0.00E+00
TEENAGE	MEAT ING	1.93E-02	2.65E-01	2.61E-02	2.61E-02	5.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.52E+00	3.13E+01	5.99E+01	3.73E-01	9.02E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.05E+00	2.76E+01	4.96E+01	1.42E-01	1.57E-01	0.00E+00
ADULT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
ADULT	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
ADULT	VEG. ING	2.75E-01	3.59E+00	2.19E-01	2.19E-01	8.67E-01	0.00E+00
ADULT	MEAT ING	3.36E-02	4.63E-01	4.56E-02	4.56E-02	9.95E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.38E+00	3.17E+01	4.99E+01	4.26E-01	1.14E+00	1.93E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.16E+01	3.10E+01	2.38E+02	8.96E-01	9.60E-01	2.03E+01
INFANT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
INFANT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.19E+01	3.13E+01	2.39E+02	1.18E+00	1.24E+00	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.61E+01	2.68E+01	1.14E+02	3.76E-01	3.69E-01	2.03E+01
CHILD	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
CHILD	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
CHILD	VEG. ING	1.21E-01	1.58E+00	9.80E-02	9.80E-02	3.81E-01	0.00E+00
CHILD	MEAT ING	1.19E-02	1.64E-01	1.64E-02	1.64E-02	3.53E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.65E+01	2.88E+01	1.15E+02	7.76E-01	1.07E+00	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.51E+00	2.85E+01	5.96E+01	1.77E-01	2.02E-01	2.03E+01
TEENAGE	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
TEENAGE	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
TEENAGE	VEG. ING	2.00E-01	2.61E+00	1.62E-01	1.62E-01	6.31E-01	0.00E+00
TEENAGE	MEAT ING	1.94E-02	2.66E-01	2.66E-02	2.66E-02	5.73E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.00E+01	3.16E+01	6.01E+01	6.50E-01	1.17E+00	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.27E+00	2.76E+01	4.96E+01	1.48E-01	1.60E-01	2.03E+01
ADULT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
ADULT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
ADULT	VEG. ING	2.76E-01	3.60E+00	2.23E-01	2.23E-01	8.71E-01	0.00E+00
ADULT	MEAT ING	3.39E-02	4.66E-01	4.64E-02	4.64E-02	1.00E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.86E+00	3.19E+01	5.02E+01	7.03E-01	1.42E+00	2.06E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 27 NAME=SF WSW X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.62E+01	3.69E+01	2.83E+02	1.02E+00	1.12E+00	0.00E+00
INFANT	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
INFANT	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.62E+01	3.69E+01	2.83E+02	1.04E+00	1.14E+00	2.29E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.76E+01	3.18E+01	1.36E+02	4.25E-01	4.30E-01	0.00E+00
CHILD	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
CHILD	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
CHILD	VEG. ING	1.43E-01	1.87E+00	1.14E-01	1.14E-01	4.51E-01	0.00E+00
CHILD	MEAT ING	1.41E-02	1.94E-01	1.91E-02	1.91E-02	4.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.78E+01	3.39E+01	1.36E+02	5.82E-01	9.46E-01	2.29E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.85E+00	3.38E+01	7.09E+01	2.01E-01	2.35E-01	0.00E+00
TEENAGE	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
TEENAGE	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
TEENAGE	VEG. ING	2.37E-01	3.09E+00	1.88E-01	1.88E-01	7.46E-01	0.00E+00
TEENAGE	MEAT ING	2.29E-02	3.15E-01	3.10E-02	3.10E-02	6.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	3.72E+01	7.11E+01	4.43E-01	1.07E+00	2.29E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.38E+00	3.28E+01	5.90E+01	1.69E-01	1.87E-01	0.00E+00
ADULT	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
ADULT	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
ADULT	VEG. ING	3.27E-01	4.26E+00	2.60E-01	2.60E-01	1.03E+00	0.00E+00
ADULT	MEAT ING	4.00E-02	5.50E-01	5.42E-02	5.42E-02	1.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.77E+00	3.76E+01	5.93E+01	5.06E-01	1.36E+00	2.29E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 27 NAME=SF WSW X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.73E+01	3.69E+01	2.83E+02	1.05E+00	1.13E+00	1.83E+01
INFANT	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
INFANT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.76E+01	3.72E+01	2.83E+02	1.36E+00	1.44E+00	1.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.87E+01	3.18E+01	1.36E+02	4.41E-01	4.36E-01	1.83E+01
CHILD	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
CHILD	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
CHILD	VEG. ING	1.44E-01	1.87E+00	1.16E-01	1.16E-01	4.53E-01	0.00E+00
CHILD	MEAT ING	1.42E-02	1.95E-01	1.93E-02	1.93E-02	4.19E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.42E+01	1.36E+02	8.81E-01	1.24E+00	1.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.09E+01	3.38E+01	7.09E+01	2.07E-01	2.39E-01	1.83E+01
TEENAGE	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
TEENAGE	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
TEENAGE	VEG. ING	2.37E-01	3.10E+00	1.91E-01	1.91E-01	7.48E-01	0.00E+00
TEENAGE	MEAT ING	2.30E-02	3.16E-01	3.14E-02	3.14E-02	6.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	3.75E+01	7.14E+01	7.34E-01	1.36E+00	1.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.47E+00	3.28E+01	5.90E+01	1.74E-01	1.89E-01	1.83E+01
ADULT	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
ADULT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
ADULT	VEG. ING	3.28E-01	4.27E+00	2.64E-01	2.64E-01	1.03E+00	0.00E+00
ADULT	MEAT ING	4.02E-02	5.52E-01	5.49E-02	5.49E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.01E+01	3.79E+01	5.96E+01	7.97E-01	1.65E+00	1.86E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 28 NAME=SF W X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.97E+01	6.09E+01	4.68E+02	1.68E+00	1.85E+00	0.00E+00
INFANT	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
INFANT	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.98E+01	6.09E+01	4.68E+02	1.72E+00	1.89E+00	3.79E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.91E+01	5.26E+01	2.25E+02	7.02E-01	7.10E-01	0.00E+00
CHILD	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
CHILD	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
CHILD	VEG. ING	2.36E-01	3.08E+00	1.89E-01	1.89E-01	7.45E-01	0.00E+00
CHILD	MEAT ING	2.33E-02	3.20E-01	3.15E-02	3.15E-02	6.88E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.94E+01	5.60E+01	2.25E+02	9.61E-01	1.56E+00	3.79E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.63E+01	5.58E+01	1.17E+02	3.32E-01	3.89E-01	0.00E+00
TEENAGE	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
TEENAGE	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
TEENAGE	VEG. ING	3.91E-01	5.10E+00	3.11E-01	3.11E-01	1.23E+00	0.00E+00
TEENAGE	MEAT ING	3.78E-02	5.20E-01	5.12E-02	5.12E-02	1.12E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.67E+01	6.15E+01	1.17E+02	7.32E-01	1.77E+00	3.79E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.38E+01	5.42E+01	9.74E+01	2.78E-01	3.09E-01	0.00E+00
ADULT	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
ADULT	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
ADULT	VEG. ING	5.40E-01	7.04E+00	4.30E-01	4.30E-01	1.70E+00	0.00E+00
ADULT	MEAT ING	6.60E-02	9.09E-01	8.95E-02	8.95E-02	1.95E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.45E+01	6.21E+01	9.80E+01	8.36E-01	2.24E+00	3.79E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 28 NAME=SF W X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.08E+01	6.09E+01	4.68E+02	1.71E+00	1.86E+00	1.83E+01
INFANT	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
INFANT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.13E+01	6.14E+01	4.68E+02	2.17E+00	2.33E+00	1.88E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.02E+01	5.26E+01	2.25E+02	7.17E-01	7.16E-01	1.83E+01
CHILD	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
CHILD	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
CHILD	VEG. ING	2.37E-01	3.09E+00	1.90E-01	1.90E-01	7.46E-01	0.00E+00
CHILD	MEAT ING	2.33E-02	3.21E-01	3.18E-02	3.18E-02	6.90E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.10E+01	5.65E+01	2.25E+02	1.40E+00	1.99E+00	1.88E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.74E+01	5.58E+01	1.17E+02	3.38E-01	3.92E-01	1.83E+01
TEENAGE	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
TEENAGE	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
TEENAGE	VEG. ING	3.92E-01	5.11E+00	3.14E-01	3.14E-01	1.23E+00	0.00E+00
TEENAGE	MEAT ING	3.79E-02	5.21E-01	5.16E-02	5.16E-02	1.12E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.83E+01	6.19E+01	1.18E+02	1.16E+00	2.20E+00	1.88E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.49E+01	5.42E+01	9.74E+01	2.84E-01	3.11E-01	1.83E+01
ADULT	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
ADULT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
ADULT	VEG. ING	5.41E-01	7.05E+00	4.33E-01	4.33E-01	1.71E+00	0.00E+00
ADULT	MEAT ING	6.62E-02	9.11E-01	9.02E-02	9.02E-02	1.96E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.60E+01	6.26E+01	9.84E+01	1.27E+00	2.67E+00	1.88E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.19E+02	2.23E+02	1.71E+03	6.14E+00	6.78E+00	0.00E+00
INFANT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.19E+02	2.23E+02	1.71E+03	6.28E+00	6.92E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+02	1.93E+02	8.23E+02	2.57E+00	2.60E+00	0.00E+00
CHILD	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
CHILD	VEG. ING	8.66E-01	1.13E+01	6.91E-01	6.91E-01	2.73E+00	0.00E+00
CHILD	MEAT ING	8.53E-02	1.17E+00	1.16E-01	1.16E-01	2.52E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.08E+02	2.05E+02	8.24E+02	3.52E+00	5.72E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.96E+01	2.05E+02	4.29E+02	1.21E+00	1.42E+00	0.00E+00
TEENAGE	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
TEENAGE	VEG. ING	1.43E+00	1.87E+01	1.14E+00	1.14E+00	4.52E+00	0.00E+00
TEENAGE	MEAT ING	1.38E-01	1.90E+00	1.88E-01	1.88E-01	4.09E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.13E+01	2.25E+02	4.30E+02	2.68E+00	6.49E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.07E+01	1.98E+02	3.57E+02	1.02E+00	1.13E+00	0.00E+00
ADULT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
ADULT	VEG. ING	1.98E+00	2.58E+01	1.57E+00	1.57E+00	6.24E+00	0.00E+00
ADULT	MEAT ING	2.42E-01	3.33E+00	3.28E-01	3.28E-01	7.15E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.30E+01	2.28E+02	3.59E+02	3.06E+00	8.22E+00	1.39E-01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.20E+02	2.23E+02	1.71E+03	6.17E+00	6.79E+00	2.46E+01
INFANT	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
INFANT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+02	2.25E+02	1.71E+03	7.73E+00	8.35E+00	2.61E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.93E+02	8.23E+02	2.59E+00	2.61E+00	2.46E+01
CHILD	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
CHILD	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
CHILD	VEG. ING	8.66E-01	1.13E+01	6.93E-01	6.93E-01	2.73E+00	0.00E+00
CHILD	MEAT ING	8.53E-02	1.17E+00	1.16E-01	1.16E-01	2.52E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.07E+02	8.25E+02	4.95E+00	7.14E+00	2.61E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.10E+01	2.05E+02	4.29E+02	1.22E+00	1.43E+00	2.46E+01
TEENAGE	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
TEENAGE	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
TEENAGE	VEG. ING	1.43E+00	1.87E+01	1.14E+00	1.14E+00	4.52E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.88E-01	1.88E-01	4.10E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.42E+01	2.27E+02	4.32E+02	4.10E+00	7.91E+00	2.61E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.21E+01	1.98E+02	3.57E+02	1.02E+00	1.13E+00	2.46E+01
ADULT	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
ADULT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
ADULT	VEG. ING	1.98E+00	2.58E+01	1.58E+00	1.58E+00	6.24E+00	0.00E+00
ADULT	MEAT ING	2.42E-01	3.33E+00	3.28E-01	3.28E-01	7.16E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.59E+01	2.29E+02	3.60E+02	4.48E+00	9.64E+00	2.61E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 30 NAME=SF NW X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.25E+02	2.29E+02	1.76E+03	6.32E+00	6.97E+00	0.00E+00
INFANT	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
INFANT	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.25E+02	2.29E+02	1.76E+03	6.46E+00	7.12E+00	1.43E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.10E+02	1.98E+02	8.46E+02	2.65E+00	2.67E+00	0.00E+00
CHILD	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
CHILD	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
CHILD	VEG. ING	8.90E-01	1.16E+01	7.11E-01	7.11E-01	2.81E+00	0.00E+00
CHILD	MEAT ING	8.77E-02	1.21E+00	1.19E-01	1.19E-01	2.59E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.11E+02	8.47E+02	3.62E+00	5.88E+00	1.43E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.12E+01	2.10E+02	4.41E+02	1.25E+00	1.46E+00	0.00E+00
TEENAGE	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
TEENAGE	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
TEENAGE	VEG. ING	1.47E+00	1.92E+01	1.17E+00	1.17E+00	4.64E+00	0.00E+00
TEENAGE	MEAT ING	1.42E-01	1.96E+00	1.93E-01	1.93E-01	4.21E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.30E+01	2.32E+02	4.42E+02	2.76E+00	6.67E+00	1.43E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.21E+01	2.04E+02	3.67E+02	1.05E+00	1.16E+00	0.00E+00
ADULT	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
ADULT	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
ADULT	VEG. ING	2.03E+00	2.65E+01	1.62E+00	1.62E+00	6.41E+00	0.00E+00
ADULT	MEAT ING	2.49E-01	3.42E+00	3.37E-01	3.37E-01	7.36E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.45E+01	2.34E+02	3.69E+02	3.15E+00	8.45E+00	1.43E-01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 30 NAME=SF NW X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E+02	2.29E+02	1.76E+03	6.35E+00	6.98E+00	3.04E+01
INFANT	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
INFANT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.28E+02	2.31E+02	1.76E+03	7.94E+00	8.58E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+02	1.98E+02	8.46E+02	2.66E+00	2.68E+00	3.04E+01
CHILD	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
CHILD	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
CHILD	VEG. ING	8.90E-01	1.16E+01	7.12E-01	7.12E-01	2.81E+00	0.00E+00
CHILD	MEAT ING	8.77E-02	1.21E+00	1.19E-01	1.19E-01	2.59E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.14E+02	2.12E+02	8.48E+02	5.08E+00	7.34E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.31E+01	2.10E+02	4.41E+02	1.25E+00	1.47E+00	3.04E+01
TEENAGE	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
TEENAGE	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
TEENAGE	VEG. ING	1.47E+00	1.92E+01	1.17E+00	1.17E+00	4.64E+00	0.00E+00
TEENAGE	MEAT ING	1.42E-01	1.96E+00	1.93E-01	1.93E-01	4.21E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.63E+01	2.33E+02	4.44E+02	4.22E+00	8.13E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.39E+01	2.04E+02	3.67E+02	1.05E+00	1.16E+00	3.04E+01
ADULT	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
ADULT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
ADULT	VEG. ING	2.03E+00	2.65E+01	1.62E+00	1.62E+00	6.41E+00	0.00E+00
ADULT	MEAT ING	2.49E-01	3.42E+00	3.38E-01	3.38E-01	7.36E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.78E+01	2.36E+02	3.70E+02	4.61E+00	9.91E+00	3.20E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 31 NAME=SF NNW X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.20E+02	2.24E+02	1.72E+03	6.17E+00	6.81E+00	0.00E+00
INFANT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.20E+02	2.24E+02	1.72E+03	6.31E+00	6.95E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+02	1.93E+02	8.26E+02	2.58E+00	2.61E+00	0.00E+00
CHILD	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
CHILD	VEG. ING	8.69E-01	1.13E+01	6.94E-01	6.94E-01	2.74E+00	0.00E+00
CHILD	MEAT ING	8.56E-02	1.18E+00	1.16E-01	1.16E-01	2.53E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.08E+02	2.06E+02	8.27E+02	3.53E+00	5.74E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.98E+01	2.05E+02	4.30E+02	1.22E+00	1.43E+00	0.00E+00
TEENAGE	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
TEENAGE	VEG. ING	1.44E+00	1.87E+01	1.14E+00	1.14E+00	4.53E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.88E-01	1.88E-01	4.11E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.15E+01	2.26E+02	4.32E+02	2.69E+00	6.51E+00	1.39E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.09E+01	1.99E+02	3.58E+02	1.02E+00	1.13E+00	0.00E+00
ADULT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
ADULT	VEG. ING	1.98E+00	2.59E+01	1.58E+00	1.58E+00	6.26E+00	0.00E+00
ADULT	MEAT ING	2.43E-01	3.34E+00	3.29E-01	3.29E-01	7.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.32E+01	2.28E+02	3.60E+02	3.07E+00	8.25E+00	1.39E-01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 31 NAME=SF NNW X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+02	2.24E+02	1.72E+03	6.20E+00	6.82E+00	3.09E+01
INFANT	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
INFANT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.23E+02	2.25E+02	1.72E+03	7.76E+00	8.38E+00	3.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+02	1.93E+02	8.26E+02	2.60E+00	2.62E+00	3.09E+01
CHILD	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
CHILD	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
CHILD	VEG. ING	8.69E-01	1.13E+01	6.95E-01	6.95E-01	2.74E+00	0.00E+00
CHILD	MEAT ING	8.56E-02	1.18E+00	1.16E-01	1.16E-01	2.53E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.07E+02	8.28E+02	4.97E+00	7.17E+00	3.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.16E+01	2.05E+02	4.30E+02	1.22E+00	1.43E+00	3.09E+01
TEENAGE	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
TEENAGE	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
TEENAGE	VEG. ING	1.44E+00	1.88E+01	1.15E+00	1.15E+00	4.53E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.89E-01	1.89E-01	4.11E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.48E+01	2.27E+02	4.33E+02	4.12E+00	7.94E+00	3.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.27E+01	1.99E+02	3.58E+02	1.03E+00	1.14E+00	3.09E+01
ADULT	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
ADULT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
ADULT	VEG. ING	1.98E+00	2.59E+01	1.58E+00	1.58E+00	6.26E+00	0.00E+00
ADULT	MEAT ING	2.43E-01	3.34E+00	3.30E-01	3.30E-01	7.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.65E+01	2.30E+02	3.62E+02	4.51E+00	9.68E+00	3.24E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 32 NAME=SF ESE X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.68E+01	3.75E+01	2.88E+02	1.03E+00	1.14E+00	0.00E+00
INFANT	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
INFANT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.68E+01	3.75E+01	2.88E+02	1.06E+00	1.16E+00	2.34E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.80E+01	3.24E+01	1.39E+02	4.33E-01	4.38E-01	0.00E+00
CHILD	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
CHILD	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
CHILD	VEG. ING	1.46E-01	1.90E+00	1.16E-01	1.16E-01	4.59E-01	0.00E+00
CHILD	MEAT ING	1.43E-02	1.97E-01	1.94E-02	1.94E-02	4.24E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.81E+01	3.45E+01	1.39E+02	5.92E-01	9.63E-01	2.34E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	3.44E+01	7.22E+01	2.04E-01	2.40E-01	0.00E+00
TEENAGE	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
TEENAGE	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
TEENAGE	VEG. ING	2.41E-01	3.14E+00	1.92E-01	1.92E-01	7.60E-01	0.00E+00
TEENAGE	MEAT ING	2.33E-02	3.20E-01	3.15E-02	3.15E-02	6.89E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.03E+01	3.79E+01	7.24E+01	4.51E-01	1.09E+00	2.34E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.53E+00	3.34E+01	6.01E+01	1.72E-01	1.90E-01	0.00E+00
ADULT	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
ADULT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
ADULT	VEG. ING	3.33E-01	4.34E+00	2.65E-01	2.65E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.07E-02	5.60E-01	5.51E-02	5.51E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.93E+00	3.83E+01	6.04E+01	5.15E-01	1.38E+00	2.34E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 32 NAME=SF ESE X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.98E+01	3.75E+01	2.88E+02	1.07E+00	1.16E+00	5.03E+01
INFANT	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.02E+01	3.79E+01	2.89E+02	1.45E+00	1.54E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.10E+01	3.24E+01	1.39E+02	4.50E-01	4.45E-01	5.03E+01
CHILD	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	1.46E-01	1.91E+00	1.18E-01	1.18E-01	4.61E-01	0.00E+00
CHILD	MEAT ING	1.44E-02	1.98E-01	1.97E-02	1.97E-02	4.27E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.15E+01	3.49E+01	1.39E+02	9.68E-01	1.33E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.30E+01	3.44E+01	7.22E+01	2.12E-01	2.43E-01	5.03E+01
TEENAGE	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	2.42E-01	3.15E+00	1.95E-01	1.95E-01	7.62E-01	0.00E+00
TEENAGE	MEAT ING	2.34E-02	3.22E-01	3.20E-02	3.20E-02	6.93E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.37E+01	3.83E+01	7.28E+01	8.19E-01	1.46E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.15E+01	3.34E+01	6.01E+01	1.78E-01	1.93E-01	5.03E+01
ADULT	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	3.34E-01	4.35E+00	2.69E-01	2.69E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.09E-02	5.63E-01	5.59E-02	5.59E-02	1.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.23E+01	3.87E+01	6.08E+01	8.83E-01	1.75E+00	5.06E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.04E+01	3.08E+01	2.38E+02	8.50E-01	9.40E-01	0.00E+00
INFANT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
INFANT	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.04E+01	3.09E+01	2.38E+02	8.69E-01	9.59E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.66E+01	1.14E+02	3.56E-01	3.60E-01	0.00E+00
CHILD	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
CHILD	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
CHILD	VEG. ING	1.20E-01	1.57E+00	9.56E-02	9.56E-02	3.79E-01	0.00E+00
CHILD	MEAT ING	1.18E-02	1.62E-01	1.60E-02	1.60E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.50E+01	2.84E+01	1.14E+02	4.87E-01	7.94E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.26E+00	2.83E+01	5.95E+01	1.68E-01	1.97E-01	0.00E+00
TEENAGE	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
TEENAGE	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
TEENAGE	VEG. ING	1.98E-01	2.59E+00	1.58E-01	1.58E-01	6.27E-01	0.00E+00
TEENAGE	MEAT ING	1.92E-02	2.64E-01	2.59E-02	2.59E-02	5.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.50E+00	3.12E+01	5.97E+01	3.71E-01	9.00E-01	1.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.03E+00	2.74E+01	4.95E+01	1.41E-01	1.57E-01	0.00E+00
ADULT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
ADULT	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
ADULT	VEG. ING	2.74E-01	3.57E+00	2.18E-01	2.18E-01	8.65E-01	0.00E+00
ADULT	MEAT ING	3.35E-02	4.61E-01	4.53E-02	4.53E-02	9.92E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.36E+00	3.15E+01	4.98E+01	4.23E-01	1.14E+00	1.93E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.20E+01	3.09E+01	2.38E+02	9.19E-01	9.67E-01	2.75E+01
INFANT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
INFANT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.23E+01	3.11E+01	2.38E+02	1.21E+00	1.25E+00	2.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.66E+01	1.14E+02	3.87E-01	3.73E-01	2.75E+01
CHILD	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
CHILD	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
CHILD	VEG. ING	1.21E-01	1.58E+00	9.87E-02	9.87E-02	3.81E-01	0.00E+00
CHILD	MEAT ING	1.20E-02	1.64E-01	1.65E-02	1.65E-02	3.54E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.87E+01	1.15E+02	7.90E-01	1.08E+00	2.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.91E+00	2.83E+01	5.95E+01	1.81E-01	2.04E-01	2.75E+01
TEENAGE	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
TEENAGE	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
TEENAGE	VEG. ING	2.00E-01	2.61E+00	1.63E-01	1.63E-01	6.31E-01	0.00E+00
TEENAGE	MEAT ING	1.94E-02	2.66E-01	2.67E-02	2.67E-02	5.74E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.04E+01	3.15E+01	6.00E+01	6.59E-01	1.18E+00	2.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.68E+00	2.74E+01	4.95E+01	1.52E-01	1.62E-01	2.75E+01
ADULT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
ADULT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
ADULT	VEG. ING	2.76E-01	3.60E+00	2.25E-01	2.25E-01	8.71E-01	0.00E+00
ADULT	MEAT ING	3.39E-02	4.66E-01	4.67E-02	4.67E-02	1.00E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.28E+00	3.18E+01	5.01E+01	7.12E-01	1.42E+00	2.78E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.43E+01	3.49E+01	2.69E+02	9.62E-01	1.06E+00	0.00E+00
INFANT	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
INFANT	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.43E+01	3.49E+01	2.69E+02	9.84E-01	1.08E+00	2.18E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.67E+01	3.02E+01	1.29E+02	4.03E-01	4.08E-01	0.00E+00
CHILD	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
CHILD	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
CHILD	VEG. ING	1.36E-01	1.77E+00	1.08E-01	1.08E-01	4.28E-01	0.00E+00
CHILD	MEAT ING	1.34E-02	1.84E-01	1.81E-02	1.81E-02	3.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	3.21E+01	1.29E+02	5.51E-01	8.97E-01	2.18E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.34E+00	3.20E+01	6.73E+01	1.90E-01	2.23E-01	0.00E+00
TEENAGE	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
TEENAGE	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
TEENAGE	VEG. ING	2.24E-01	2.93E+00	1.79E-01	1.79E-01	7.08E-01	0.00E+00
TEENAGE	MEAT ING	2.17E-02	2.98E-01	2.94E-02	2.94E-02	6.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.61E+00	3.53E+01	6.75E+01	4.20E-01	1.02E+00	2.18E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.95E+00	3.11E+01	5.60E+01	1.60E-01	1.77E-01	0.00E+00
ADULT	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
ADULT	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
ADULT	VEG. ING	3.10E-01	4.04E+00	2.47E-01	2.47E-01	9.78E-01	0.00E+00
ADULT	MEAT ING	3.79E-02	5.22E-01	5.13E-02	5.13E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.32E+00	3.56E+01	5.63E+01	4.79E-01	1.29E+00	2.18E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.62E+01	3.49E+01	2.69E+02	1.03E+00	1.09E+00	3.17E+01
INFANT	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
INFANT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.66E+01	3.53E+01	2.69E+02	1.42E+00	1.48E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.86E+01	3.02E+01	1.29E+02	4.35E-01	4.21E-01	3.17E+01
CHILD	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
CHILD	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
CHILD	VEG. ING	1.37E-01	1.78E+00	1.12E-01	1.12E-01	4.31E-01	0.00E+00
CHILD	MEAT ING	1.35E-02	1.86E-01	1.86E-02	1.86E-02	4.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.25E+01	1.30E+02	9.52E-01	1.28E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.21E+01	6.73E+01	2.04E-01	2.30E-01	3.17E+01
TEENAGE	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
TEENAGE	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
TEENAGE	VEG. ING	2.26E-01	2.95E+00	1.84E-01	1.84E-01	7.13E-01	0.00E+00
TEENAGE	MEAT ING	2.19E-02	3.01E-01	3.02E-02	3.02E-02	6.49E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.19E+01	3.57E+01	6.79E+01	8.05E-01	1.39E+00	3.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.85E+00	3.11E+01	5.60E+01	1.71E-01	1.83E-01	3.17E+01
ADULT	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
ADULT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
ADULT	VEG. ING	3.12E-01	4.07E+00	2.54E-01	2.54E-01	9.84E-01	0.00E+00
ADULT	MEAT ING	3.83E-02	5.27E-01	5.28E-02	5.28E-02	1.13E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	3.61E+01	5.67E+01	8.65E-01	1.67E+00	3.20E+01

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.37E+01	2.42E+01	1.86E+02	6.66E-01	7.36E-01	0.00E+00
INFANT	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
INFANT	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.86E+02	6.82E-01	7.51E-01	1.51E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.16E+01	2.09E+01	8.93E+01	2.79E-01	2.82E-01	0.00E+00
CHILD	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
CHILD	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
CHILD	VEG. ING	9.39E-02	1.23E+00	7.50E-02	7.50E-02	2.96E-01	0.00E+00
CHILD	MEAT ING	9.25E-03	1.27E-01	1.25E-02	1.25E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.17E+01	2.23E+01	8.94E+01	3.82E-01	6.21E-01	1.51E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.46E+00	2.22E+01	4.65E+01	1.32E-01	1.55E-01	0.00E+00
TEENAGE	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
TEENAGE	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
TEENAGE	VEG. ING	1.55E-01	2.03E+00	1.24E-01	1.24E-01	4.90E-01	0.00E+00
TEENAGE	MEAT ING	1.50E-02	2.07E-01	2.03E-02	2.03E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.65E+00	2.44E+01	4.67E+01	2.91E-01	7.04E-01	1.51E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.50E+00	2.15E+01	3.87E+01	1.11E-01	1.23E-01	0.00E+00
ADULT	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
ADULT	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
ADULT	VEG. ING	2.14E-01	2.80E+00	1.71E-01	1.71E-01	6.77E-01	0.00E+00
ADULT	MEAT ING	2.62E-02	3.61E-01	3.56E-02	3.56E-02	7.76E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.75E+00	2.47E+01	3.89E+01	3.32E-01	8.92E-01	1.51E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.45E+01	2.42E+01	1.86E+02	7.04E-01	7.51E-01	1.28E+01
INFANT	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
INFANT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.47E+01	2.44E+01	1.86E+02	9.17E-01	9.64E-01	1.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	2.09E+01	8.93E+01	2.96E-01	2.89E-01	1.28E+01
CHILD	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
CHILD	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
CHILD	VEG. ING	9.44E-02	1.23E+00	7.67E-02	7.67E-02	2.98E-01	0.00E+00
CHILD	MEAT ING	9.33E-03	1.28E-01	1.28E-02	1.28E-02	2.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.25E+01	8.96E+01	5.99E-01	8.28E-01	1.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.23E+00	2.22E+01	4.65E+01	1.39E-01	1.58E-01	1.28E+01
TEENAGE	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
TEENAGE	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
TEENAGE	VEG. ING	1.56E-01	2.04E+00	1.26E-01	1.26E-01	4.92E-01	0.00E+00
TEENAGE	MEAT ING	1.51E-02	2.08E-01	2.08E-02	2.08E-02	4.48E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.62E+00	2.47E+01	4.69E+01	5.00E-01	9.08E-01	1.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.27E+00	2.15E+01	3.87E+01	1.17E-01	1.25E-01	1.28E+01
ADULT	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
ADULT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
ADULT	VEG. ING	2.16E-01	2.81E+00	1.75E-01	1.75E-01	6.80E-01	0.00E+00
ADULT	MEAT ING	2.65E-02	3.64E-01	3.63E-02	3.63E-02	7.83E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.72E+00	2.49E+01	3.91E+01	5.41E-01	1.10E+00	1.30E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.39E+00	9.56E+00	7.35E+01	2.63E-01	2.91E-01	0.00E+00
INFANT	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
INFANT	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.39E+00	9.57E+00	7.35E+01	2.69E-01	2.97E-01	5.95E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.58E+00	8.26E+00	3.53E+01	1.10E-01	1.12E-01	0.00E+00
CHILD	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
CHILD	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
CHILD	VEG. ING	3.71E-02	4.84E-01	2.96E-02	2.96E-02	1.17E-01	0.00E+00
CHILD	MEAT ING	3.66E-03	5.03E-02	4.95E-03	4.95E-03	1.08E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.63E+00	8.80E+00	3.54E+01	1.51E-01	2.45E-01	5.95E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.56E+00	8.77E+00	1.84E+01	5.21E-02	6.11E-02	0.00E+00
TEENAGE	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
TEENAGE	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
TEENAGE	VEG. ING	6.14E-02	8.01E-01	4.89E-02	4.89E-02	1.94E-01	0.00E+00
TEENAGE	MEAT ING	5.94E-03	8.17E-02	8.04E-03	8.04E-03	1.76E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.63E+00	9.66E+00	1.85E+01	1.15E-01	2.78E-01	5.95E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.17E+00	8.51E+00	1.53E+01	4.37E-02	4.85E-02	0.00E+00
ADULT	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
ADULT	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
ADULT	VEG. ING	8.48E-02	1.11E+00	6.75E-02	6.75E-02	2.68E-01	0.00E+00
ADULT	MEAT ING	1.04E-02	1.43E-01	1.41E-02	1.41E-02	3.07E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.28E+00	9.76E+00	1.54E+01	1.31E-01	3.53E-01	5.95E-03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.96E+00	9.58E+00	7.35E+01	3.28E-01	3.16E-01	9.47E+00
INFANT	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
INFANT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.01E+01	9.70E+00	7.36E+01	4.56E-01	4.44E-01	9.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.15E+00	8.27E+00	3.53E+01	1.39E-01	1.23E-01	9.47E+00
CHILD	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
CHILD	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
CHILD	VEG. ING	3.80E-02	4.94E-01	3.26E-02	3.26E-02	1.20E-01	0.00E+00
CHILD	MEAT ING	3.79E-03	5.19E-02	5.42E-03	5.42E-03	1.12E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.32E+00	8.94E+00	3.55E+01	3.05E-01	3.82E-01	9.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.13E+00	8.79E+00	1.84E+01	6.45E-02	6.71E-02	9.47E+00
TEENAGE	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
TEENAGE	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
TEENAGE	VEG. ING	6.28E-02	8.18E-01	5.37E-02	5.37E-02	1.98E-01	0.00E+00
TEENAGE	MEAT ING	6.16E-03	8.42E-02	8.80E-03	8.80E-03	1.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.32E+00	9.82E+00	1.86E+01	2.55E-01	4.11E-01	9.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.74E+00	8.52E+00	1.53E+01	5.41E-02	5.34E-02	9.47E+00
ADULT	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
ADULT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
ADULT	VEG. ING	8.67E-02	1.13E+00	7.42E-02	7.42E-02	2.73E-01	0.00E+00
ADULT	MEAT ING	1.08E-02	1.47E-01	1.54E-02	1.54E-02	3.18E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.97E+00	9.92E+00	1.55E+01	2.71E-01	4.86E-01	9.59E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.06E+01	2.09E+01	1.61E+02	5.76E-01	6.37E-01	0.00E+00
INFANT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
INFANT	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.06E+01	2.09E+01	1.61E+02	5.89E-01	6.50E-01	1.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.00E+01	1.81E+01	7.74E+01	2.41E-01	2.44E-01	0.00E+00
CHILD	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
CHILD	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
CHILD	VEG. ING	8.13E-02	1.06E+00	6.48E-02	6.48E-02	2.57E-01	0.00E+00
CHILD	MEAT ING	8.01E-03	1.10E-01	1.08E-02	1.08E-02	2.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.01E+01	1.92E+01	7.75E+01	3.30E-01	5.38E-01	1.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.60E+00	1.92E+01	4.03E+01	1.14E-01	1.34E-01	0.00E+00
TEENAGE	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
TEENAGE	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
TEENAGE	VEG. ING	1.34E-01	1.75E+00	1.07E-01	1.07E-01	4.25E-01	0.00E+00
TEENAGE	MEAT ING	1.30E-02	1.79E-01	1.76E-02	1.76E-02	3.85E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.76E+00	2.11E+01	4.05E+01	2.51E-01	6.10E-01	1.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.76E+00	1.86E+01	3.36E+01	9.56E-02	1.06E-01	0.00E+00
ADULT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
ADULT	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
ADULT	VEG. ING	1.86E-01	2.42E+00	1.48E-01	1.48E-01	5.86E-01	0.00E+00
ADULT	MEAT ING	2.27E-02	3.13E-01	3.07E-02	3.07E-02	6.72E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.98E+00	2.13E+01	3.37E+01	2.87E-01	7.73E-01	1.30E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+01	2.10E+01	1.61E+02	8.25E-01	7.33E-01	2.53E+01
INFANT	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
INFANT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.24E+01	2.13E+01	1.61E+02	1.15E+00	1.06E+00	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.16E+01	1.81E+01	7.74E+01	3.52E-01	2.90E-01	2.53E+01
CHILD	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
CHILD	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
CHILD	VEG. ING	8.46E-02	1.10E+00	7.60E-02	7.60E-02	2.66E-01	0.00E+00
CHILD	MEAT ING	8.52E-03	1.16E-01	1.26E-02	1.26E-02	2.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	1.96E+01	7.78E+01	7.70E-01	9.10E-01	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.12E+00	1.93E+01	4.03E+01	1.61E-01	1.57E-01	2.53E+01
TEENAGE	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
TEENAGE	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
TEENAGE	VEG. ING	1.40E-01	1.82E+00	1.25E-01	1.25E-01	4.40E-01	0.00E+00
TEENAGE	MEAT ING	1.38E-02	1.89E-01	2.05E-02	2.05E-02	4.08E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.61E+00	2.16E+01	4.08E+01	6.37E-01	9.67E-01	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.29E+00	1.87E+01	3.36E+01	1.35E-01	1.25E-01	2.53E+01
ADULT	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
ADULT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
ADULT	VEG. ING	1.93E-01	2.51E+00	1.73E-01	1.73E-01	6.07E-01	0.00E+00
ADULT	MEAT ING	2.42E-02	3.30E-01	3.58E-02	3.58E-02	7.13E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.83E+00	2.18E+01	3.41E+01	6.74E-01	1.13E+00	2.56E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.88E+01	1.92E+01	1.47E+02	5.28E-01	5.83E-01	0.00E+00
INFANT	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
INFANT	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.88E+01	1.92E+01	1.47E+02	5.40E-01	5.95E-01	1.19E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.18E+00	1.65E+01	7.08E+01	2.21E-01	2.24E-01	0.00E+00
CHILD	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
CHILD	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
CHILD	VEG. ING	7.44E-02	9.71E-01	5.94E-02	5.94E-02	2.35E-01	0.00E+00
CHILD	MEAT ING	7.33E-03	1.01E-01	9.92E-03	9.92E-03	2.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.27E+00	1.76E+01	7.09E+01	3.02E-01	4.92E-01	1.19E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.12E+00	1.76E+01	3.69E+01	1.04E-01	1.22E-01	0.00E+00
TEENAGE	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
TEENAGE	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
TEENAGE	VEG. ING	1.23E-01	1.61E+00	9.79E-02	9.79E-02	3.88E-01	0.00E+00
TEENAGE	MEAT ING	1.19E-02	1.64E-01	1.61E-02	1.61E-02	3.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.27E+00	1.93E+01	3.70E+01	2.30E-01	5.58E-01	1.19E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.36E+00	1.70E+01	3.07E+01	8.76E-02	9.72E-02	0.00E+00
ADULT	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
ADULT	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
ADULT	VEG. ING	1.70E-01	2.22E+00	1.35E-01	1.35E-01	5.36E-01	0.00E+00
ADULT	MEAT ING	2.08E-02	2.86E-01	2.81E-02	2.81E-02	6.15E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.56E+00	1.96E+01	3.09E+01	2.63E-01	7.07E-01	1.19E-02

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.02E+01	1.92E+01	1.47E+02	6.92E-01	6.47E-01	2.36E+01
INFANT	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.05E+01	1.95E+01	1.48E+02	9.87E-01	9.41E-01	2.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.06E+01	1.66E+01	7.08E+01	2.94E-01	2.54E-01	2.36E+01
CHILD	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	7.66E-02	9.96E-01	6.68E-02	6.68E-02	2.41E-01	0.00E+00
CHILD	MEAT ING	7.67E-03	1.05E-01	1.11E-02	1.11E-02	2.26E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.10E+01	1.80E+01	7.12E+01	6.66E-01	8.12E-01	2.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.55E+00	1.76E+01	3.69E+01	1.36E-01	1.38E-01	2.36E+01
TEENAGE	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.27E-01	1.65E+00	1.10E-01	1.10E-01	3.98E-01	0.00E+00
TEENAGE	MEAT ING	1.25E-02	1.70E-01	1.80E-02	1.80E-02	3.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.98E+00	1.97E+01	3.73E+01	5.58E-01	8.67E-01	2.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.78E+00	1.71E+01	3.07E+01	1.14E-01	1.10E-01	2.36E+01
ADULT	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.75E-01	2.27E+00	1.52E-01	1.52E-01	5.50E-01	0.00E+00
ADULT	MEAT ING	2.18E-02	2.97E-01	3.15E-02	3.15E-02	6.43E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.27E+00	1.99E+01	3.12E+01	5.92E-01	1.02E+00	2.39E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.28E+01	1.31E+01	1.01E+02	3.60E-01	3.97E-01	0.00E+00
INFANT	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
INFANT	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.28E+01	1.31E+01	1.01E+02	3.68E-01	4.06E-01	8.14E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.26E+00	1.13E+01	4.83E+01	1.51E-01	1.52E-01	0.00E+00
CHILD	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
CHILD	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
CHILD	VEG. ING	5.07E-02	6.62E-01	4.05E-02	4.05E-02	1.60E-01	0.00E+00
CHILD	MEAT ING	5.00E-03	6.88E-02	6.76E-03	6.76E-03	1.48E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.32E+00	1.20E+01	4.83E+01	2.06E-01	3.36E-01	8.14E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.49E+00	1.20E+01	2.52E+01	7.11E-02	8.35E-02	0.00E+00
TEENAGE	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
TEENAGE	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
TEENAGE	VEG. ING	8.39E-02	1.10E+00	6.67E-02	6.67E-02	2.65E-01	0.00E+00
TEENAGE	MEAT ING	8.11E-03	1.12E-01	1.10E-02	1.10E-02	2.40E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.59E+00	1.32E+01	2.52E+01	1.57E-01	3.81E-01	8.14E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.97E+00	1.16E+01	2.09E+01	5.97E-02	6.62E-02	0.00E+00
ADULT	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
ADULT	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
ADULT	VEG. ING	1.16E-01	1.51E+00	9.22E-02	9.22E-02	3.66E-01	0.00E+00
ADULT	MEAT ING	1.42E-02	1.95E-01	1.92E-02	1.92E-02	4.20E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.11E+00	1.33E+01	2.11E+01	1.79E-01	4.82E-01	8.14E-03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.41E+01	1.31E+01	1.01E+02	6.50E-01	5.10E-01	2.13E+01
INFANT	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.44E+01	1.34E+01	1.01E+02	9.06E-01	7.67E-01	2.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.55E+00	1.13E+01	4.83E+01	2.80E-01	2.06E-01	2.13E+01
CHILD	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	5.45E-02	7.06E-01	5.35E-02	5.35E-02	1.71E-01	0.00E+00
CHILD	MEAT ING	5.60E-03	7.57E-02	8.84E-03	8.84E-03	1.65E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.87E+00	1.24E+01	4.86E+01	5.99E-01	6.50E-01	2.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.78E+00	1.21E+01	2.52E+01	1.26E-01	1.10E-01	2.13E+01
TEENAGE	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	9.02E-02	1.17E+00	8.83E-02	8.83E-02	2.83E-01	0.00E+00
TEENAGE	MEAT ING	9.09E-03	1.23E-01	1.43E-02	1.43E-02	2.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.14E+00	1.36E+01	2.55E+01	4.86E-01	6.76E-01	2.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.26E+00	1.17E+01	2.09E+01	1.06E-01	8.84E-02	2.13E+01
ADULT	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	1.25E-01	1.61E+00	1.22E-01	1.22E-01	3.90E-01	0.00E+00
ADULT	MEAT ING	1.59E-02	2.15E-01	2.51E-02	2.51E-02	4.68E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.66E+00	1.38E+01	2.13E+01	5.09E-01	7.82E-01	2.16E+01

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+00	3.24E+00	2.50E+01	8.93E-02	9.87E-02	0.00E+00
INFANT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
INFANT	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.19E+00	3.24E+00	2.50E+01	9.13E-02	1.01E-01	2.02E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.55E+00	2.80E+00	1.20E+01	3.74E-02	3.79E-02	0.00E+00
CHILD	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
CHILD	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
CHILD	VEG. ING	1.26E-02	1.64E-01	1.00E-02	1.00E-02	3.98E-02	0.00E+00
CHILD	MEAT ING	1.24E-03	1.71E-02	1.68E-03	1.68E-03	3.67E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.57E+00	2.98E+00	1.20E+01	5.11E-02	8.33E-02	2.02E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.68E-01	2.97E+00	6.25E+00	1.77E-02	2.07E-02	0.00E+00
TEENAGE	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
TEENAGE	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
TEENAGE	VEG. ING	2.08E-02	2.72E-01	1.66E-02	1.66E-02	6.58E-02	0.00E+00
TEENAGE	MEAT ING	2.01E-03	2.77E-02	2.73E-03	2.73E-03	5.96E-03	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.92E-01	3.27E+00	6.27E+00	3.90E-02	9.45E-02	2.02E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.38E-01	2.88E+00	5.20E+00	1.48E-02	1.64E-02	0.00E+00
ADULT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
ADULT	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
ADULT	VEG. ING	2.88E-02	3.75E-01	2.29E-02	2.29E-02	9.08E-02	0.00E+00
ADULT	MEAT ING	3.52E-03	4.84E-02	4.76E-03	4.76E-03	1.04E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.72E-01	3.31E+00	5.23E+00	4.45E-02	1.20E-01	2.02E-03

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.51E+00	3.29E+00	2.50E+01	3.67E-01	2.07E-01	5.04E+00
INFANT	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
INFANT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.57E+00	3.36E+00	2.50E+01	4.32E-01	2.72E-01	5.11E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.87E+00	2.84E+00	1.20E+01	1.61E-01	8.87E-02	5.04E+00
CHILD	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
CHILD	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
CHILD	VEG. ING	1.62E-02	2.06E-01	2.25E-02	2.25E-02	4.99E-02	0.00E+00
CHILD	MEAT ING	1.82E-03	2.38E-02	3.67E-03	3.67E-03	5.29E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.95E+00	3.13E+00	1.21E+01	2.52E-01	2.09E-01	5.11E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.18E+00	3.07E+00	6.25E+00	7.06E-02	4.61E-02	5.04E+00
TEENAGE	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
TEENAGE	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
TEENAGE	VEG. ING	2.68E-02	3.41E-01	3.72E-02	3.72E-02	8.26E-02	0.00E+00
TEENAGE	MEAT ING	2.95E-03	3.86E-02	5.95E-03	5.95E-03	8.59E-03	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.27E+00	3.52E+00	6.36E+00	1.79E-01	2.02E-01	5.11E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.05E+00	2.94E+00	5.20E+00	5.89E-02	3.76E-02	5.04E+00
ADULT	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
ADULT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
ADULT	VEG. ING	3.71E-02	4.71E-01	5.14E-02	5.14E-02	1.14E-01	0.00E+00
ADULT	MEAT ING	5.16E-03	6.74E-02	1.04E-02	1.04E-02	1.50E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.16E+00	3.55E+00	5.33E+00	1.86E-01	2.32E-01	5.11E+00

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.81E+00	6.93E+00	5.33E+01	1.91E-01	2.11E-01	0.00E+00
INFANT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
INFANT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.81E+00	6.94E+00	5.33E+01	1.95E-01	2.15E-01	4.32E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.32E+00	5.99E+00	2.56E+01	8.00E-02	8.09E-02	0.00E+00
CHILD	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
CHILD	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
CHILD	VEG. ING	2.69E-02	3.51E-01	2.15E-02	2.15E-02	8.49E-02	0.00E+00
CHILD	MEAT ING	2.65E-03	3.65E-02	3.59E-03	3.59E-03	7.85E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.35E+00	6.38E+00	2.56E+01	1.09E-01	1.78E-01	4.32E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.85E+00	6.36E+00	1.33E+01	3.78E-02	4.43E-02	0.00E+00
TEENAGE	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
TEENAGE	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
TEENAGE	VEG. ING	4.45E-02	5.81E-01	3.54E-02	3.54E-02	1.41E-01	0.00E+00
TEENAGE	MEAT ING	4.30E-03	5.92E-02	5.83E-03	5.83E-03	1.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.91E+00	7.00E+00	1.34E+01	8.34E-02	2.02E-01	4.32E-03

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.58E+00	6.17E+00	1.11E+01	3.17E-02	3.52E-02	0.00E+00
ADULT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
ADULT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
ADULT	VEG. ING	6.15E-02	8.02E-01	4.90E-02	4.90E-02	1.94E-01	0.00E+00
ADULT	MEAT ING	7.52E-03	1.04E-01	1.02E-02	1.02E-02	2.23E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.65E+00	7.08E+00	1.12E+01	9.52E-02	2.56E-01	4.32E-03

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.68E+00	6.97E+00	5.33E+01	3.57E-01	2.75E-01	1.44E+01
INFANT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.85E+00	7.13E+00	5.35E+01	5.21E-01	4.39E-01	1.46E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.19E+00	6.01E+00	2.56E+01	1.54E-01	1.11E-01	1.44E+01
CHILD	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	2.91E-02	3.76E-01	2.90E-02	2.90E-02	9.10E-02	0.00E+00
CHILD	MEAT ING	3.00E-03	4.05E-02	4.78E-03	4.78E-03	8.81E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.39E+00	6.59E+00	2.58E+01	3.51E-01	3.75E-01	1.46E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.72E+00	6.42E+00	1.33E+01	6.94E-02	5.95E-02	1.44E+01
TEENAGE	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	4.81E-02	6.23E-01	4.78E-02	4.78E-02	1.51E-01	0.00E+00
TEENAGE	MEAT ING	4.87E-03	6.57E-02	7.76E-03	7.76E-03	1.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.94E+00	7.27E+00	1.36E+01	2.89E-01	3.88E-01	1.46E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.45E+00	6.20E+00	1.11E+01	5.80E-02	4.78E-02	1.44E+01
ADULT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	6.64E-02	8.60E-01	6.60E-02	6.60E-02	2.08E-01	0.00E+00
ADULT	MEAT ING	8.50E-03	1.15E-01	1.36E-02	1.36E-02	2.50E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.69E+00	7.34E+00	1.13E+01	3.01E-01	4.44E-01	1.46E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	3.953E-02	1.372E-02	8.231E-03	8.231E-03	2.090E+01	2.052E+01	1.375E+01	9.127E+00	2.226E-05	1.249E-04
2.5	4.633E-03	1.611E-03	9.667E-04	9.667E-04	1.449E+01	1.445E+01	1.133E+01	8.489E+00	2.125E-05	1.040E-04
3.5	3.025E-03	1.052E-03	6.315E-04	6.315E-04	1.158E+01	1.156E+01	9.789E+00	7.946E+00	2.301E-05	9.117E-05
4.5	1.996E-03	6.945E-04	4.168E-04	4.168E-04	8.481E+00	8.478E+00	7.560E+00	6.493E+00	2.276E-05	7.128E-05
7.5	7.947E-04	2.766E-04	1.660E-04	1.660E-04	4.908E+00	4.910E+00	4.713E+00	4.446E+00	2.706E-05	4.553E-05
15.0	2.157E-04	7.509E-05	4.507E-05	4.507E-05	2.240E+00	2.241E+00	2.236E+00	2.218E+00	3.430E-05	2.192E-05
25.0	6.321E-05	2.201E-05	1.321E-05	1.321E-05	1.273E+00	1.274E+00	1.278E+00	1.278E+00	3.725E-05	1.256E-05
35.0	2.610E-05	9.085E-06	5.453E-06	5.453E-06	8.510E-01	8.515E-01	8.553E-01	8.577E-01	3.745E-05	8.413E-06
45.0	1.314E-05	4.574E-06	2.745E-06	2.745E-06	6.233E-01	6.236E-01	6.266E-01	6.288E-01	3.695E-05	6.165E-06
55.0	7.434E-06	2.588E-06	1.553E-06	1.553E-06	4.832E-01	4.835E-01	4.859E-01	4.876E-01	3.627E-05	4.780E-06
65.0	4.493E-06	1.564E-06	9.388E-07	9.388E-07	3.893E-01	3.895E-01	3.914E-01	3.928E-01	3.553E-05	3.851E-06
75.0	2.827E-06	9.842E-07	5.907E-07	5.907E-07	3.223E-01	3.225E-01	3.241E-01	3.252E-01	3.480E-05	3.188E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	4.120E+05	1.429E+05	8.439E+04	8.439E+04	0.000E+00	8.440E+04	8.440E+04	8.440E+04	4.636E+01
2.5	4.830E+04	1.679E+04	9.912E+03	9.912E+03	0.000E+00	9.923E+03	9.923E+03	9.923E+03	4.426E+01
3.5	3.153E+04	1.097E+04	6.475E+03	6.475E+03	0.000E+00	6.484E+03	6.484E+03	6.484E+03	4.793E+01
4.5	2.080E+04	7.237E+03	4.273E+03	4.273E+03	0.000E+00	4.280E+03	4.280E+03	4.280E+03	4.741E+01
7.5	8.284E+03	2.882E+03	1.702E+03	1.702E+03	0.000E+00	1.706E+03	1.706E+03	1.706E+03	5.636E+01
15.0	2.249E+03	7.825E+02	4.621E+02	4.621E+02	0.000E+00	4.638E+02	4.638E+02	4.638E+02	7.145E+01
25.0	6.589E+02	2.293E+02	1.354E+02	1.354E+02	0.000E+00	1.364E+02	1.364E+02	1.364E+02	7.760E+01
35.0	2.720E+02	9.467E+01	5.590E+01	5.590E+01	0.000E+00	5.658E+01	5.658E+01	5.658E+01	7.801E+01
45.0	1.370E+02	4.766E+01	2.815E+01	2.815E+01	0.000E+00	2.864E+01	2.864E+01	2.864E+01	7.698E+01
55.0	7.749E+01	2.696E+01	1.592E+01	1.592E+01	0.000E+00	1.631E+01	1.631E+01	1.631E+01	7.554E+01
65.0	4.684E+01	1.630E+01	9.625E+00	9.625E+00	0.000E+00	9.934E+00	9.934E+00	9.934E+00	7.401E+01
75.0	2.947E+01	1.026E+01	6.056E+00	6.056E+00	0.000E+00	6.312E+00	6.312E+00	6.312E+00	7.248E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	3.953E-04	1.372E-04	8.231E-05	8.237E-05
2.5	4.633E-05	1.611E-05	9.667E-06	9.731E-06
3.5	3.025E-05	1.052E-05	6.315E-06	6.384E-06
4.5	1.996E-05	6.945E-06	4.168E-06	4.236E-06
7.5	7.947E-06	2.766E-06	1.660E-06	1.741E-06
15.0	2.157E-06	7.509E-07	4.507E-07	5.536E-07
25.0	6.321E-07	2.201E-07	1.321E-07	2.438E-07
35.0	2.610E-07	9.085E-08	5.453E-08	1.669E-07
45.0	1.314E-07	4.574E-08	2.745E-08	1.383E-07
55.0	7.434E-08	2.588E-08	1.553E-08	1.243E-07
65.0	4.493E-08	1.564E-08	9.388E-09	1.160E-07
75.0	2.827E-08	9.842E-09	5.907E-09	1.103E-07

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.481E-03	2.599E-03	1.560E-03	1.560E-03	2.830E+01	2.724E+01	1.267E+01	6.790E+00	2.446E-05	1.176E-04
2.5	4.745E-03	1.649E-03	9.897E-04	9.897E-04	2.122E+01	2.080E+01	1.106E+01	6.519E+00	2.552E-05	1.018E-04
3.5	3.134E-03	1.089E-03	6.538E-04	6.538E-04	1.381E+01	1.365E+01	9.630E+00	6.729E+00	2.855E-05	8.799E-05
4.5	2.159E-03	7.508E-04	4.506E-04	4.506E-04	1.010E+01	1.006E+01	8.132E+00	6.430E+00	3.137E-05	7.557E-05
7.5	1.128E-03	3.923E-04	2.354E-04	2.354E-04	5.018E+00	5.017E+00	4.634E+00	4.260E+00	3.430E-05	4.455E-05
15.0	4.277E-04	1.488E-04	8.933E-05	8.933E-05	2.292E+00	2.294E+00	2.237E+00	2.163E+00	3.760E-05	2.177E-05
25.0	1.753E-04	6.103E-05	3.663E-05	3.663E-05	1.270E+00	1.271E+00	1.262E+00	1.246E+00	3.722E-05	1.236E-05
35.0	8.995E-05	3.131E-05	1.879E-05	1.879E-05	8.527E-01	8.531E-01	8.530E-01	8.490E-01	3.629E-05	8.370E-06
45.0	5.216E-05	1.816E-05	1.090E-05	1.090E-05	6.287E-01	6.290E-01	6.305E-01	6.299E-01	3.530E-05	6.194E-06
55.0	3.260E-05	1.135E-05	6.810E-06	6.810E-06	4.904E-01	4.907E-01	4.924E-01	4.929E-01	3.437E-05	4.841E-06
65.0	2.142E-05	7.457E-06	4.476E-06	4.476E-06	3.973E-01	3.976E-01	3.992E-01	4.000E-01	3.351E-05	3.925E-06
75.0	1.461E-05	5.087E-06	3.053E-06	3.053E-06	3.307E-01	3.309E-01	3.324E-01	3.333E-01	3.271E-05	3.269E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.798E+04	2.708E+04	1.599E+04	1.599E+04	0.000E+00	1.601E+04	1.601E+04	1.601E+04	5.096E+01
2.5	4.946E+04	1.718E+04	1.015E+04	1.015E+04	0.000E+00	1.016E+04	1.016E+04	1.016E+04	5.316E+01
3.5	3.266E+04	1.135E+04	6.704E+03	6.704E+03	0.000E+00	6.714E+03	6.714E+03	6.714E+03	5.948E+01
4.5	2.250E+04	7.823E+03	4.620E+03	4.620E+03	0.000E+00	4.628E+03	4.628E+03	4.628E+03	6.534E+01
7.5	1.176E+04	4.088E+03	2.414E+03	2.414E+03	0.000E+00	2.418E+03	2.418E+03	2.418E+03	7.144E+01
15.0	4.458E+03	1.551E+03	9.159E+02	9.159E+02	0.000E+00	9.177E+02	9.177E+02	9.177E+02	7.832E+01
25.0	1.828E+03	6.359E+02	3.755E+02	3.755E+02	0.000E+00	3.765E+02	3.765E+02	3.765E+02	7.753E+01
35.0	9.377E+02	3.263E+02	1.927E+02	1.927E+02	0.000E+00	1.934E+02	1.934E+02	1.934E+02	7.558E+01
45.0	5.437E+02	1.892E+02	1.117E+02	1.117E+02	0.000E+00	1.122E+02	1.122E+02	1.122E+02	7.353E+01
55.0	3.398E+02	1.182E+02	6.982E+01	6.982E+01	0.000E+00	7.021E+01	7.021E+01	7.021E+01	7.159E+01
65.0	2.233E+02	7.770E+01	4.589E+01	4.589E+01	0.000E+00	4.620E+01	4.620E+01	4.620E+01	6.979E+01
75.0	1.523E+02	5.301E+01	3.130E+01	3.130E+01	0.000E+00	3.157E+01	3.157E+01	3.157E+01	6.813E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.481E-05	2.599E-05	1.560E-05	1.567E-05
2.5	4.745E-05	1.649E-05	9.897E-06	9.973E-06
3.5	3.134E-05	1.089E-05	6.538E-06	6.624E-06
4.5	2.159E-05	7.508E-06	4.506E-06	4.600E-06
7.5	1.128E-05	3.923E-06	2.354E-06	2.457E-06
15.0	4.277E-06	1.488E-06	8.933E-07	1.006E-06
25.0	1.753E-06	6.103E-07	3.663E-07	4.779E-07
35.0	8.995E-07	3.131E-07	1.879E-07	2.968E-07
45.0	5.216E-07	1.816E-07	1.090E-07	2.149E-07
55.0	3.260E-07	1.135E-07	6.810E-08	1.712E-07
65.0	2.142E-07	7.457E-08	4.476E-08	1.453E-07
75.0	1.461E-07	5.087E-08	3.053E-08	1.287E-07

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.210E-02	4.205E-03	2.526E-03	2.526E-03	4.362E+01	4.322E+01	2.664E+01	1.562E+01	4.300E-05	2.379E-04
2.5	1.407E-02	4.890E-03	2.939E-03	2.939E-03	3.222E+01	3.215E+01	2.503E+01	1.819E+01	5.851E-05	2.278E-04
3.5	8.991E-03	3.125E-03	1.878E-03	1.878E-03	2.512E+01	2.512E+01	2.170E+01	1.783E+01	7.268E-05	2.024E-04
4.5	4.164E-03	1.448E-03	8.697E-04	8.697E-04	2.131E+01	2.131E+01	1.951E+01	1.725E+01	8.752E-05	1.852E-04
7.5	1.536E-03	5.345E-04	3.209E-04	3.209E-04	1.313E+01	1.313E+01	1.279E+01	1.232E+01	1.092E-04	1.243E-04
15.0	4.213E-04	1.466E-04	8.802E-05	8.802E-05	6.424E+00	6.428E+00	6.405E+00	6.346E+00	1.206E-04	6.276E-05
25.0	1.520E-04	5.293E-05	3.177E-05	3.177E-05	3.569E+00	3.571E+00	3.581E+00	3.579E+00	1.183E-04	3.518E-05
35.0	7.138E-05	2.485E-05	1.492E-05	1.492E-05	2.365E+00	2.366E+00	2.376E+00	2.381E+00	1.136E-04	2.337E-05
45.0	3.851E-05	1.341E-05	8.049E-06	8.049E-06	1.719E+00	1.720E+00	1.728E+00	1.733E+00	1.090E-04	1.700E-05
55.0	2.259E-05	7.868E-06	4.722E-06	4.722E-06	1.323E+00	1.323E+00	1.330E+00	1.334E+00	1.047E-04	1.308E-05
65.0	1.405E-05	4.893E-06	2.936E-06	2.936E-06	1.058E+00	1.058E+00	1.064E+00	1.067E+00	1.010E-04	1.046E-05
75.0	9.172E-06	3.194E-06	1.917E-06	1.917E-06	8.698E-01	8.703E-01	8.745E-01	8.776E-01	9.758E-05	8.604E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	1.261E+05	4.381E+04	2.590E+04	2.590E+04	0.000E+00	2.593E+04	2.593E+04	2.593E+04	8.956E+01
2.5	1.467E+05	5.095E+04	3.013E+04	3.013E+04	0.000E+00	3.015E+04	3.015E+04	3.015E+04	1.219E+02
3.5	9.372E+04	3.256E+04	1.925E+04	1.925E+04	0.000E+00	1.927E+04	1.927E+04	1.927E+04	1.514E+02
4.5	4.340E+04	1.509E+04	8.917E+03	8.917E+03	0.000E+00	8.934E+03	8.934E+03	8.934E+03	1.823E+02
7.5	1.601E+04	5.569E+03	3.290E+03	3.290E+03	0.000E+00	3.301E+03	3.301E+03	3.301E+03	2.274E+02
15.0	4.391E+03	1.528E+03	9.025E+02	9.025E+02	0.000E+00	9.076E+02	9.076E+02	9.076E+02	2.512E+02
25.0	1.585E+03	5.515E+02	3.257E+02	3.257E+02	0.000E+00	3.285E+02	3.285E+02	3.285E+02	2.465E+02
35.0	7.440E+02	2.590E+02	1.529E+02	1.529E+02	0.000E+00	1.548E+02	1.548E+02	1.548E+02	2.366E+02
45.0	4.014E+02	1.397E+02	8.253E+01	8.253E+01	0.000E+00	8.389E+01	8.389E+01	8.389E+01	2.270E+02
55.0	2.355E+02	8.199E+01	4.842E+01	4.842E+01	0.000E+00	4.946E+01	4.946E+01	4.946E+01	2.182E+02
65.0	1.464E+02	5.098E+01	3.011E+01	3.011E+01	0.000E+00	3.095E+01	3.095E+01	3.095E+01	2.103E+02
75.0	9.561E+01	3.328E+01	1.966E+01	1.966E+01	0.000E+00	2.034E+01	2.034E+01	2.034E+01	2.033E+02

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	1.210E-04	4.205E-05	2.526E-05	2.539E-05
2.5	1.407E-04	4.890E-05	2.939E-05	2.956E-05
3.5	8.991E-05	3.125E-05	1.878E-05	1.900E-05
4.5	4.164E-05	1.448E-05	8.697E-06	8.960E-06
7.5	1.536E-05	5.345E-06	3.209E-06	3.537E-06
15.0	4.213E-06	1.466E-06	8.802E-07	1.242E-06
25.0	1.520E-06	5.293E-07	3.177E-07	6.727E-07
35.0	7.138E-07	2.485E-07	1.492E-07	4.900E-07
45.0	3.851E-07	1.341E-07	8.049E-08	4.074E-07
55.0	2.259E-07	7.868E-08	4.722E-08	3.615E-07
65.0	1.405E-07	4.893E-08	2.936E-08	3.323E-07
75.0	9.172E-08	3.194E-08	1.917E-08	3.119E-07

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.166E-03	2.493E-03	1.497E-03	1.497E-03	2.169E+01	2.126E+01	1.527E+01	1.141E+01	3.253E-05	1.419E-04
2.5	4.706E-03	1.639E-03	9.839E-04	9.839E-04	2.583E+01	2.568E+01	2.061E+01	1.608E+01	4.191E-05	1.909E-04
3.5	4.211E-03	1.468E-03	8.808E-04	8.808E-04	2.714E+01	2.710E+01	2.248E+01	1.763E+01	4.461E-05	2.077E-04
4.5	3.330E-03	1.161E-03	6.966E-04	6.966E-04	2.397E+01	2.395E+01	2.016E+01	1.586E+01	4.069E-05	1.860E-04
7.5	9.519E-04	3.316E-04	1.990E-04	1.990E-04	8.250E+00	8.252E+00	7.601E+00	6.713E+00	2.843E-05	7.208E-05
15.0	3.075E-04	1.071E-04	6.425E-05	6.425E-05	1.829E+00	1.830E+00	1.756E+00	1.678E+00	2.200E-05	1.705E-05
25.0	1.395E-04	4.857E-05	2.915E-05	2.915E-05	8.966E-01	8.971E-01	8.823E-01	8.591E-01	2.097E-05	8.602E-06
35.0	7.893E-05	2.748E-05	1.649E-05	1.649E-05	5.670E-01	5.673E-01	5.644E-01	5.571E-01	1.978E-05	5.524E-06
45.0	4.941E-05	1.720E-05	1.032E-05	1.032E-05	4.045E-01	4.047E-01	4.048E-01	4.026E-01	1.880E-05	3.971E-06
55.0	3.289E-05	1.145E-05	6.872E-06	6.872E-06	3.093E-01	3.095E-01	3.102E-01	3.098E-01	1.799E-05	3.047E-06
65.0	2.282E-05	7.943E-06	4.768E-06	4.768E-06	2.473E-01	2.475E-01	2.484E-01	2.486E-01	1.729E-05	2.441E-06
75.0	1.632E-05	5.682E-06	3.411E-06	3.411E-06	2.041E-01	2.042E-01	2.050E-01	2.055E-01	1.669E-05	2.016E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.470E+04	2.598E+04	1.535E+04	1.535E+04	0.000E+00	1.537E+04	1.537E+04	1.537E+04	6.776E+01
2.5	4.906E+04	1.708E+04	1.009E+04	1.009E+04	0.000E+00	1.011E+04	1.011E+04	1.011E+04	8.730E+01
3.5	4.390E+04	1.530E+04	9.031E+03	9.031E+03	0.000E+00	9.052E+03	9.052E+03	9.052E+03	9.292E+01
4.5	3.471E+04	1.210E+04	7.142E+03	7.142E+03	0.000E+00	7.161E+03	7.161E+03	7.161E+03	8.476E+01
7.5	9.922E+03	3.455E+03	2.040E+03	2.040E+03	0.000E+00	2.047E+03	2.047E+03	2.047E+03	5.923E+01
15.0	3.205E+03	1.115E+03	6.587E+02	6.587E+02	0.000E+00	6.602E+02	6.602E+02	6.602E+02	4.583E+01
25.0	1.454E+03	5.062E+02	2.989E+02	2.989E+02	0.000E+00	2.996E+02	2.996E+02	2.996E+02	4.368E+01
35.0	8.228E+02	2.863E+02	1.691E+02	1.691E+02	0.000E+00	1.696E+02	1.696E+02	1.696E+02	4.121E+01
45.0	5.150E+02	1.792E+02	1.059E+02	1.059E+02	0.000E+00	1.062E+02	1.062E+02	1.062E+02	3.916E+01
55.0	3.428E+02	1.193E+02	7.046E+01	7.046E+01	0.000E+00	7.070E+01	7.070E+01	7.070E+01	3.746E+01
65.0	2.378E+02	8.277E+01	4.888E+01	4.888E+01	0.000E+00	4.908E+01	4.908E+01	4.908E+01	3.602E+01
75.0	1.701E+02	5.921E+01	3.497E+01	3.497E+01	0.000E+00	3.513E+01	3.513E+01	3.513E+01	3.476E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.166E-05	2.493E-05	1.497E-05	1.507E-05
2.5	4.706E-05	1.639E-05	9.839E-06	9.964E-06
3.5	4.211E-05	1.468E-05	8.808E-06	8.942E-06
4.5	3.330E-05	1.161E-05	6.966E-06	7.088E-06
7.5	9.519E-06	3.316E-06	1.990E-06	2.075E-06
15.0	3.075E-06	1.071E-06	6.425E-07	7.085E-07
25.0	1.395E-06	4.857E-07	2.915E-07	3.545E-07
35.0	7.893E-07	2.748E-07	1.649E-07	2.243E-07
45.0	4.941E-07	1.720E-07	1.032E-07	1.596E-07
55.0	3.289E-07	1.145E-07	6.872E-08	1.227E-07
65.0	2.282E-07	7.943E-08	4.768E-08	9.955E-08
75.0	1.632E-07	5.682E-08	3.411E-08	8.417E-08

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.576E-03	2.635E-03	1.582E-03	1.582E-03	2.260E+01	2.229E+01	1.594E+01	1.162E+01	2.945E-05	1.471E-04
2.5	6.107E-03	2.127E-03	1.277E-03	1.277E-03	2.739E+01	2.711E+01	2.000E+01	1.423E+01	2.940E-05	1.824E-04
3.5	6.589E-03	2.297E-03	1.378E-03	1.378E-03	3.990E+01	3.942E+01	2.705E+01	1.718E+01	2.839E-05	2.418E-04
4.5	7.683E-03	2.680E-03	1.608E-03	1.608E-03	4.933E+01	4.887E+01	3.041E+01	1.674E+01	2.361E-05	2.670E-04
7.5	2.281E-03	7.955E-04	4.773E-04	4.773E-04	9.239E+00	9.140E+00	6.617E+00	4.617E+00	1.525E-05	6.019E-05
15.0	3.802E-04	1.325E-04	7.950E-05	7.950E-05	1.907E+00	1.908E+00	1.813E+00	1.714E+00	2.026E-05	1.755E-05
25.0	1.243E-04	4.330E-05	2.598E-05	2.598E-05	8.602E-01	8.606E-01	8.515E-01	8.348E-01	2.012E-05	8.318E-06
35.0	5.860E-05	2.041E-05	1.225E-05	1.225E-05	5.303E-01	5.306E-01	5.303E-01	5.272E-01	1.923E-05	5.202E-06
45.0	3.255E-05	1.134E-05	6.803E-06	6.803E-06	3.740E-01	3.742E-01	3.753E-01	3.751E-01	1.845E-05	3.687E-06
55.0	1.980E-05	6.895E-06	4.138E-06	4.138E-06	2.837E-01	2.839E-01	2.850E-01	2.855E-01	1.775E-05	2.802E-06
65.0	1.275E-05	4.441E-06	2.666E-06	2.666E-06	2.259E-01	2.260E-01	2.270E-01	2.276E-01	1.716E-05	2.233E-06
75.0	8.550E-06	2.977E-06	1.787E-06	1.787E-06	1.856E-01	1.857E-01	1.866E-01	1.872E-01	1.664E-05	1.836E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.896E+04	2.746E+04	1.622E+04	1.622E+04	0.000E+00	1.623E+04	1.623E+04	1.623E+04	6.134E+01
2.5	6.366E+04	2.217E+04	1.309E+04	1.309E+04	0.000E+00	1.311E+04	1.311E+04	1.311E+04	6.124E+01
3.5	6.868E+04	2.394E+04	1.413E+04	1.413E+04	0.000E+00	1.416E+04	1.416E+04	1.416E+04	5.913E+01
4.5	8.009E+04	2.793E+04	1.649E+04	1.649E+04	0.000E+00	1.652E+04	1.652E+04	1.652E+04	4.918E+01
7.5	2.378E+04	8.290E+03	4.894E+03	4.894E+03	0.000E+00	4.901E+03	4.901E+03	4.901E+03	3.176E+01
15.0	3.963E+03	1.381E+03	8.151E+02	8.151E+02	0.000E+00	8.166E+02	8.166E+02	8.166E+02	4.219E+01
25.0	1.296E+03	4.512E+02	2.664E+02	2.664E+02	0.000E+00	2.671E+02	2.671E+02	2.671E+02	4.191E+01
35.0	6.108E+02	2.127E+02	1.256E+02	1.256E+02	0.000E+00	1.260E+02	1.260E+02	1.260E+02	4.006E+01
45.0	3.393E+02	1.181E+02	6.975E+01	6.975E+01	0.000E+00	7.005E+01	7.005E+01	7.005E+01	3.842E+01
55.0	2.064E+02	7.185E+01	4.243E+01	4.243E+01	0.000E+00	4.265E+01	4.265E+01	4.265E+01	3.697E+01
65.0	1.330E+02	4.628E+01	2.733E+01	2.733E+01	0.000E+00	2.751E+01	2.751E+01	2.751E+01	3.575E+01
75.0	8.912E+01	3.102E+01	1.832E+01	1.832E+01	0.000E+00	1.847E+01	1.847E+01	1.847E+01	3.466E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.576E-05	2.635E-05	1.582E-05	1.590E-05
2.5	6.107E-05	2.127E-05	1.277E-05	1.285E-05
3.5	6.589E-05	2.297E-05	1.378E-05	1.387E-05
4.5	7.683E-05	2.680E-05	1.608E-05	1.615E-05
7.5	2.281E-05	7.955E-06	4.773E-06	4.819E-06
15.0	3.802E-06	1.325E-06	7.950E-07	8.558E-07
25.0	1.243E-06	4.330E-07	2.598E-07	3.202E-07
35.0	5.860E-07	2.041E-07	1.225E-07	1.802E-07
45.0	3.255E-07	1.134E-07	6.803E-08	1.234E-07
55.0	1.980E-07	6.895E-08	4.138E-08	9.463E-08
65.0	1.275E-07	4.441E-08	2.666E-08	7.815E-08
75.0	8.550E-08	2.977E-08	1.787E-08	6.778E-08

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.465E-03	1.421E-02	2.007E-03	5.010E-04	3.115E-04	3.326E-04	3.641E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.459E-03	4.572E-04	1.370E-03	7.768E-04	1.727E-03	4.097E-03	1.531E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.141E-03	9.846E-04	1.509E-02	6.777E-02	4.528E-03	1.514E-02	2.161E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.601E-02	1.438E-02	6.176E-04	1.370E-03	3.443E-03	5.003E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.361E-02	1.100E-02	6.079E-02	3.321E-01	1.265E-02	2.150E-03	2.059E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.209E-02	1.305E-02	2.197E-02	6.049E-02	2.276E-02	1.255E-02	8.709E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.783E-02	2.644E-01	8.568E-03	1.024E-02	2.724E-03	2.176E-03	4.316E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.844E-03	1.927E-02	2.973E-01	1.281E-02	1.053E-03	2.968E-03	1.372E-03	1.487E-03
S	0.000E+00	1.856E-02	0.000E+00	0.000E+00	2.238E-02	0.000E+00	1.465E-03	6.149E-04	1.058E-03	7.495E-05	4.408E-04	8.470E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.213E-03	1.791E-03	0.000E+00	6.529E-05	3.650E-05	2.973E-04	1.814E-04	3.251E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.460E-04	2.077E-04	1.670E-04	1.362E-04	2.846E-04
WSW	0.000E+00	0.000E+00	2.493E-02	0.000E+00	0.000E+00	3.487E-03	1.216E-03	7.678E-04	1.336E-04	6.508E-04	1.351E-04	1.141E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.112E-04	6.657E-04	0.000E+00	6.901E-04	4.096E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.410E-02	3.020E-03	3.310E-04	1.575E-04	7.974E-04	1.563E-03	1.049E-03	4.125E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.210E-02	1.112E-03	0.000E+00	9.263E-04	1.187E-03	1.029E-03	1.153E-03	1.164E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.585E-03	0.000E+00	5.365E-03	1.687E-02	1.694E-01	3.136E-03	5.546E-03	9.606E-04

TOTAL DOSE COMMITMENT IS 1.815E+00 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.957E-02	5.765E-02	8.495E-03	2.248E-03	1.499E-03	1.728E-03	2.045E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.757E-03	1.867E-03	5.899E-03	3.602E-03	8.707E-03	2.248E-02	9.097E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.478E-03	3.985E-03	6.317E-02	2.961E-01	2.076E-02	7.310E-02	1.099E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.417E-02	5.878E-02	2.591E-03	5.941E-03	1.552E-02	2.356E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.367E-02	4.370E-02	2.441E-01	1.354E+00	5.258E-02	9.154E-03	9.030E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.696E-02	5.157E-02	8.724E-02	2.417E-01	9.164E-02	5.104E-02	3.583E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.020E-02	1.045E+00	3.399E-02	4.082E-02	1.093E-02	8.787E-03	1.757E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.298E-02	7.623E-02	1.189E+00	5.198E-02	4.353E-03	1.256E-02	5.974E-03	6.691E-03
S	0.000E+00	7.277E-02	0.000E+00	0.000E+00	8.816E-02	0.000E+00	6.002E-03	2.622E-03	4.753E-03	3.582E-04	2.254E-03	4.634E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.270E-02	7.224E-03	0.000E+00	2.997E-04	1.831E-04	1.631E-03	1.079E-03	2.071E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.508E-03	1.024E-03	8.819E-04	7.680E-04	1.704E-03
WSW	0.000E+00	0.000E+00	9.799E-02	0.000E+00	0.000E+00	1.386E-02	4.890E-03	3.129E-03	5.531E-04	2.742E-03	5.810E-04	5.021E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.409E-04	2.670E-03	0.000E+00	2.825E-03	1.699E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.473E-02	1.190E-02	1.312E-03	6.299E-04	3.232E-03	6.445E-03	4.421E-03	1.787E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.262E-01	4.381E-03	0.000E+00	3.701E-03	4.795E-03	4.215E-03	4.810E-03	4.967E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.409E-02	0.000E+00	2.143E-02	6.862E-02	7.055E-01	1.346E-02	2.467E-02	4.456E-03

TOTAL DOSE COMMITMENT IS 7.395E+00 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.145E-02	9.572E-02	1.294E-02	3.022E-03	1.713E-03	1.621E-03	1.524E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.693E-02	3.061E-03	8.669E-03	4.497E-03	8.855E-03	1.802E-02	5.587E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-02	6.648E-03	9.848E-02	4.220E-01	2.659E-02	8.293E-02	1.091E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.092E-01	9.618E-02	4.020E-03	8.604E-03	2.065E-02	2.836E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.415E-02	7.559E-02	4.135E-01	2.227E+00	8.320E-02	1.378E-02	1.276E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.531E-01	9.010E-02	1.510E-01	4.134E-01	1.544E-01	8.437E-02	5.784E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.235E-01	1.826E+00	5.894E-02	7.011E-02	1.855E-02	1.472E-02	2.896E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.053E-02	1.329E-01	2.030E+00	8.624E-02	6.954E-03	1.913E-02	8.573E-03	8.939E-03
S	0.000E+00	1.290E-01	0.000E+00	0.000E+00	1.550E-01	0.000E+00	9.768E-03	3.934E-03	6.377E-03	4.165E-04	2.208E-03	3.745E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.220E-02	1.214E-02	0.000E+00	3.831E-04	1.886E-04	1.308E-03	6.607E-04	9.594E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.199E-03	1.103E-03	7.902E-04	5.647E-04	1.018E-03
WSW	0.000E+00	0.000E+00	1.731E-01	0.000E+00	0.000E+00	2.394E-02	8.255E-03	5.147E-03	8.820E-04	4.217E-03	8.561E-04	7.040E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.448E-03	4.534E-03	0.000E+00	4.608E-03	2.698E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.674E-01	2.093E-02	2.281E-03	1.075E-03	5.377E-03	1.036E-02	6.795E-03	2.593E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	7.706E-03	0.000E+00	6.334E-03	8.031E-03	6.863E-03	7.551E-03	7.442E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.490E-02	0.000E+00	3.669E-02	1.134E-01	1.111E+00	1.992E-02	3.381E-02	5.556E-03

TOTAL DOSE COMMITMENT IS 1.217E+01 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.281E-02	2.626E-01	5.744E-02	1.948E-02	1.510E-02	1.898E-02	2.337E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.527E-02	9.404E-03	4.607E-02	3.644E-02	1.007E-01	2.755E-01	1.126E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E-02	1.550E-02	3.436E-01	1.974E+00	1.561E-01	5.893E-01	9.189E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E-01	2.083E-01	1.132E-02	3.043E-02	8.990E-02	1.496E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.877E-02	7.460E-02	5.340E-01	3.655E+00	1.704E-01	3.477E-02	3.927E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.029E-02	6.049E-02	1.179E-01	3.764E-01	1.639E-01	1.045E-01	8.354E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.672E-02	1.205E+00	4.296E-02	5.692E-02	1.684E-02	1.495E-02	3.291E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E-02	1.486E-01	2.947E+00	1.571E-01	1.547E-02	5.134E-02	2.754E-02	3.416E-02
S	0.000E+00	4.027E-02	0.000E+00	0.000E+00	1.805E-01	0.000E+00	3.123E-02	1.774E-02	3.868E-02	3.307E-03	2.248E-02	4.784E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.805E-02	4.011E-02	0.000E+00	3.603E-03	2.505E-03	2.330E-02	1.525E-02	2.804E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.141E-02	1.348E-02	1.168E-02	9.948E-03	2.122E-02
WSW	0.000E+00	0.000E+00	1.439E-01	0.000E+00	0.000E+00	4.933E-02	1.733E-02	1.139E-02	2.111E-03	1.105E-02	2.477E-03	2.261E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.417E-03	5.057E-03	0.000E+00	6.802E-03	4.591E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.239E-02	1.430E-02	2.150E-03	1.326E-03	8.415E-03	2.022E-02	1.638E-02	7.657E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.047E-01	5.588E-03	0.000E+00	7.317E-03	1.133E-02	1.172E-02	1.555E-02	1.849E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-02	0.000E+00	5.843E-02	2.455E-01	3.075E+00	6.859E-02	1.425E-01	2.851E-02

TOTAL DOSE COMMITMENT IS 2.104E+01 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.379E-03	4.457E-03	6.093E-04	1.445E-04	8.370E-05	8.153E-05	7.974E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.831E-04	1.428E-04	4.102E-04	2.174E-04	4.409E-04	9.329E-04	3.048E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-04	3.091E-04	4.616E-03	1.999E-02	1.275E-03	4.038E-03	5.410E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.059E-03	4.477E-03	1.882E-04	4.058E-04	9.834E-04	1.366E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.343E-03	3.493E-03	1.916E-02	1.035E-01	3.882E-03	6.461E-04	6.026E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.055E-03	4.157E-03	6.974E-03	1.912E-02	7.149E-03	3.914E-03	2.690E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.694E-03	8.424E-02	2.722E-03	3.240E-03	8.583E-04	6.817E-04	1.344E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.870E-03	6.143E-03	9.404E-02	4.007E-03	3.244E-04	8.968E-04	4.044E-04	4.249E-04
S	0.000E+00	5.942E-03	0.000E+00	0.000E+00	7.157E-03	0.000E+00	4.561E-04	1.855E-04	3.048E-04	2.027E-05	1.101E-04	1.926E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.027E-03	5.657E-04	0.000E+00	1.854E-05	9.423E-06	6.812E-05	3.630E-05	5.631E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E-04	5.467E-05	4.026E-05	2.976E-05	5.588E-05
WSW	0.000E+00	0.000E+00	7.990E-03	0.000E+00	0.000E+00	1.109E-03	3.832E-04	2.395E-04	4.116E-05	1.975E-04	4.025E-05	3.327E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-05	2.099E-04	0.000E+00	2.142E-04	1.257E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.725E-03	9.659E-04	1.054E-04	4.979E-05	2.497E-04	4.828E-04	3.181E-04	1.221E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.029E-02	3.557E-04	0.000E+00	2.931E-04	3.725E-04	3.193E-04	3.526E-04	3.491E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.148E-03	0.000E+00	1.700E-03	5.274E-03	5.196E-02	9.378E-04	1.605E-03	2.667E-04

TOTAL DOSE COMMITMENT IS 5.658E-01 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.321E-04	2.310E-03	5.070E-04	1.721E-04	1.334E-04	1.677E-04	2.065E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.200E-04	8.274E-05	4.065E-04	3.218E-04	8.898E-04	2.434E-03	9.949E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.575E-04	1.357E-04	3.021E-03	1.740E-02	1.378E-03	5.203E-03	8.116E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.497E-03	1.828E-03	9.959E-05	2.683E-04	7.932E-04	1.321E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.709E-04	6.424E-04	4.661E-03	3.209E-02	1.500E-03	3.065E-04	3.466E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.056E-04	5.037E-04	1.010E-03	3.271E-03	1.435E-03	9.181E-04	7.358E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.964E-04	9.882E-03	3.628E-04	4.890E-04	1.461E-04	1.306E-04	2.886E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.835E-04	1.254E-03	2.554E-02	1.375E-03	1.360E-04	4.524E-04	2.430E-04	3.016E-04
S	0.000E+00	2.086E-04	0.000E+00	0.000E+00	1.491E-03	0.000E+00	2.743E-04	1.564E-04	3.415E-04	2.921E-05	1.986E-04	4.227E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.205E-04	3.509E-04	0.000E+00	3.181E-05	2.213E-05	2.059E-04	1.347E-04	2.478E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.771E-04	1.191E-04	1.031E-04	8.789E-05	1.875E-04
WSW	0.000E+00	0.000E+00	9.926E-04	0.000E+00	0.000E+00	4.227E-04	1.502E-04	9.954E-05	1.853E-05	9.729E-05	2.184E-05	1.995E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.222E-05	4.411E-05	0.000E+00	5.988E-05	4.049E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.267E-04	1.135E-04	1.833E-05	1.155E-05	7.393E-05	1.782E-04	1.445E-04	6.762E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.952E-04	4.488E-05	0.000E+00	6.376E-05	9.951E-05	1.033E-04	1.372E-04	1.633E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E-04	0.000E+00	5.087E-04	2.157E-03	2.711E-02	6.054E-04	1.259E-03	2.519E-04

TOTAL DOSE COMMITMENT IS 1.821E-01 PERSON-REM/YR

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.563E+00	8.143E+00	1.292E+01	1.289E+00	1.057E+00	2.179E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	1.060E+01	1.178E+02	1.475E+01	9.328E+00	9.095E+00	7.295E+01

COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	1.281E+01	4.071E+01	6.461E+01	6.445E+00	5.283E+00	1.090E+02
2	2013.00	2113.00	100.00	TOTALS	2.563E+02	8.143E+02	1.292E+03	1.289E+02	1.057E+02	2.179E+03
TOTALS OVER ALL 2 TIME STEPS					2.691E+02	8.550E+02	1.357E+03	1.353E+02	1.109E+02	2.288E+03

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	4.019E+01	5.481E+02	9.135E+00	4.019E+01	4.019E+01	2.558E+02
2	2013.00	2113.00	100.00	TOTALS	8.039E+02	1.096E+04	1.827E+02	8.039E+02	8.039E+02	5.116E+03
TOTALS OVER ALL 2 TIME STEPS					8.441E+02	1.151E+04	1.918E+02	8.441E+02	8.441E+02	5.371E+03

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL POPULATIONS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	5.301E+01	5.888E+02	7.374E+01	4.664E+01	4.548E+01	3.647E+02
2	2013.00	2113.00	100.00	TOTALS	1.060E+03	1.178E+04	1.475E+03	9.328E+02	9.095E+02	7.295E+03
TOTALS OVER ALL 2 TIME STEPS					1.113E+03	1.236E+04	1.549E+03	9.794E+02	9.550E+02	7.659E+03

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	2	3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04	7.941E+03	7.941E+03
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04	7.941E+03	7.941E+03
2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	2	2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03	5.486E+03	5.486E+03
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03	5.486E+03	5.486E+03
3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	2	6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04	1.431E+04	1.431E+04
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04	1.431E+04	1.431E+04
4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	2	2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04	6.475E+03	6.475E+03
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04	6.475E+03	6.475E+03
5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	2	4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04	9.208E+03	9.208E+03
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04	9.208E+03	9.208E+03
6	CPP ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	2	4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04	9.217E+03	9.217E+03
6	CPP ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04	9.217E+03	9.217E+03
7	CPP SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	2	7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04	1.629E+04	1.629E+04
7	CPP SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04	1.629E+04	1.629E+04
8	CPP SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	2	4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04	1.085E+04	1.085E+04
8	CPP SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04	1.085E+04	1.085E+04

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	2	1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	3.608E+04	3.608E+04
9	CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	3.608E+04	3.608E+04
10	CPP SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	2	5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04	1.103E+04	1.103E+04
10	CPP SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04	1.103E+04	1.103E+04
11	CPP SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	2	3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04	7.839E+03	7.839E+03
11	CPP SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04	7.839E+03	7.839E+03
12	CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	2	9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04	2.059E+04	2.059E+04
12	CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04	2.059E+04	2.059E+04
13	CPP W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	2	5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04	1.177E+04	1.177E+04
13	CPP W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04	1.177E+04	1.177E+04
14	CPP WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	2	6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04	1.332E+04	1.332E+04
14	CPP WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04	1.332E+04	1.332E+04
15	CPP NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	2	6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04	1.348E+04	1.348E+04
15	CPP NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04	1.348E+04	1.348E+04
16	CPP NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	2	4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04	1.011E+04	1.011E+04
16	CPP NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04	1.011E+04	1.011E+04

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	2	4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04	9.614E+03	9.614E+03
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04	9.614E+03	9.614E+03
18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	2	4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04	1.078E+04	1.078E+04
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04	1.078E+04	1.078E+04
19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	2	4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04	1.029E+04	1.029E+04
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04	1.029E+04	1.029E+04
20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	2	4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04	8.763E+03	8.763E+03
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04	8.763E+03	8.763E+03
21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	2	5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04	1.175E+04	1.175E+04
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04	1.175E+04	1.175E+04
22	SF SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	2	4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04	9.883E+03	9.883E+03
22	SF SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04	9.883E+03	9.883E+03
23	SF SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	2	6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04	1.440E+04	1.440E+04
23	SF SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04	1.440E+04	1.440E+04
24	SF S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	2	2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03	5.536E+03	5.536E+03
24	SF S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03	5.536E+03	5.536E+03

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	2	3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04	7.208E+03	7.208E+03
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04	7.208E+03	7.208E+03
26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	2	5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04	1.202E+04	1.202E+04
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04	1.202E+04	1.202E+04
27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	2	6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04	1.428E+04	1.428E+04
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04	1.428E+04	1.428E+04
28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	2	1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04	2.359E+04	2.359E+04
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04	2.359E+04	2.359E+04
29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	2	3.941E-02	1.376E-02	8.252E-03	1.365E-03	4.199E+05	1.465E+05	8.642E+04	8.642E+04
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.941E-02	1.376E-02	8.252E-03	1.365E-03	4.199E+05	1.465E+05	8.642E+04	8.642E+04
30	SF NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	2	4.052E-02	1.414E-02	8.484E-03	1.404E-03	4.317E+05	1.506E+05	8.885E+04	8.885E+04
30	SF NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.052E-02	1.414E-02	8.484E-03	1.404E-03	4.317E+05	1.506E+05	8.885E+04	8.885E+04
31	SF NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	2	3.955E-02	1.380E-02	8.281E-03	1.370E-03	4.214E+05	1.470E+05	8.673E+04	8.673E+04
31	SF NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.955E-02	1.380E-02	8.281E-03	1.370E-03	4.214E+05	1.470E+05	8.673E+04	8.673E+04
32	SF ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	2	6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04	1.454E+04	1.454E+04
32	SF ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04	1.454E+04	1.454E+04

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	2	5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04	1.195E+04	1.195E+04
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04	1.195E+04	1.195E+04
34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	2	6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04	1.354E+04	1.354E+04
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04	1.354E+04	1.354E+04
35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	2	4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04	9.375E+03	9.375E+03
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04	9.375E+03	9.375E+03
36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	2	1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03	3.706E+03	3.706E+03
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03	3.706E+03	3.706E+03
37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	2	3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04	8.112E+03	8.112E+03
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04	8.112E+03	8.112E+03
38	Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	2	3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04	7.426E+03	7.426E+03
38	Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04	7.426E+03	7.426E+03
39	Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	2	2.314E-03	8.049E-04	4.834E-04	7.990E-05	2.465E+04	8.573E+03	5.062E+03	5.062E+03
39	Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		2.314E-03	8.049E-04	4.834E-04	7.990E-05	2.465E+04	8.573E+03	5.062E+03	5.062E+03
40	Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	2	5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03	1.257E+03	1.257E+03
40	Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03	1.257E+03	1.257E+03

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TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
41	Background	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	2	1.227E-03	4.276E-04	2.566E-04	4.244E-05	1.307E+04	4.554E+03	2.687E+03	2.687E+03
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		1.227E-03	4.276E-04	2.566E-04	4.244E-05	1.307E+04	4.554E+03	2.687E+03	2.687E+03

1REGION: De[redacted]urdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
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TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

NO.	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	1.279E+01	1.277E+01	1.037E+01	8.044E+00	2.128E-05	6.198E-08	5.088E-12	9.570E-05	1.011E+01	1.011E+01	1.011E+01	4.443E+01
2	1.050E+01	1.050E+01	8.838E+00	7.092E+00	2.235E-05	8.076E-08	8.457E-12	8.207E-05	8.313E+00	8.313E+00	8.313E+00	4.665E+01
3	1.774E+01	1.761E+01	1.199E+01	7.841E+00	2.317E-05	9.676E-08	1.183E-11	1.082E-04	1.395E+01	1.395E+01	1.395E+01	4.837E+01
4	1.171E+01	1.168E+01	8.757E+00	6.270E+00	2.417E-05	1.309E-07	2.061E-11	7.982E-05	9.249E+00	9.249E+00	9.249E+00	5.047E+01
5	1.985E+01	1.935E+01	1.089E+01	6.586E+00	2.617E-05	1.551E-07	2.627E-11	9.971E-05	1.532E+01	1.532E+01	1.532E+01	5.464E+01
6	4.158E+01	3.988E+01	1.970E+01	1.020E+01	3.339E-05	2.030E-07	3.667E-11	1.790E-04	3.159E+01	3.159E+01	3.159E+01	6.970E+01
7	3.771E+01	3.759E+01	2.757E+01	1.876E+01	5.589E-05	2.778E-07	4.444E-11	2.485E-04	2.977E+01	2.977E+01	2.977E+01	1.167E+02
8	4.922E+01	4.840E+01	2.912E+01	1.671E+01	4.677E-05	2.554E-07	4.434E-11	2.598E-04	3.833E+01	3.833E+01	3.833E+01	9.764E+01
9	2.796E+01	2.791E+01	2.282E+01	1.763E+01	6.335E-05	3.136E-07	4.731E-11	2.102E-04	2.211E+01	2.211E+01	2.211E+01	1.323E+02
10	2.010E+01	2.010E+01	1.782E+01	1.522E+01	6.789E-05	3.418E-07	4.817E-11	1.678E-04	1.592E+01	1.592E+01	1.592E+01	1.417E+02
11	1.911E+01	1.910E+01	1.692E+01	1.456E+01	5.958E-05	2.574E-07	3.032E-11	1.598E-04	1.512E+01	1.512E+01	1.512E+01	1.244E+02
12	2.142E+01	2.108E+01	1.519E+01	1.133E+01	3.562E-05	1.268E-07	1.251E-11	1.409E-04	1.670E+01	1.670E+01	1.670E+01	7.437E+01
13	2.352E+01	2.332E+01	1.816E+01	1.401E+01	3.733E-05	1.071E-07	8.437E-12	1.683E-04	1.847E+01	1.847E+01	1.847E+01	7.794E+01
14	2.475E+01	2.450E+01	1.815E+01	1.313E+01	2.860E-05	6.902E-08	4.668E-12	1.662E-04	1.940E+01	1.940E+01	1.940E+01	5.971E+01
15	2.841E+01	2.761E+01	1.656E+01	9.609E+00	1.570E-05	3.589E-08	2.695E-12	1.482E-04	2.187E+01	2.187E+01	2.187E+01	3.278E+01
16	1.584E+01	1.569E+01	1.174E+01	8.515E+00	1.899E-05	4.766E-08	3.404E-12	1.074E-04	1.242E+01	1.242E+01	1.242E+01	3.964E+01
17	2.109E+01	2.067E+01	1.003E+01	4.668E+00	1.171E-05	6.336E-08	1.046E-11	8.957E-05	1.637E+01	1.637E+01	1.637E+01	2.445E+01
18	2.017E+01	1.982E+01	9.654E+00	4.445E+00	1.134E-05	6.001E-08	9.505E-12	8.594E-05	1.570E+01	1.570E+01	1.570E+01	2.367E+01
19	2.118E+01	2.077E+01	1.010E+01	4.720E+00	1.179E-05	5.779E-08	8.489E-12	9.022E-05	1.645E+01	1.645E+01	1.645E+01	2.461E+01
20	1.810E+01	1.780E+01	9.266E+00	4.881E+00	1.271E-05	5.396E-08	6.846E-12	8.352E-05	1.410E+01	1.410E+01	1.410E+01	2.653E+01
21	2.620E+01	2.490E+01	1.223E+01	6.224E+00	1.259E-05	4.187E-08	4.399E-12	1.109E-04	1.972E+01	1.972E+01	1.972E+01	2.629E+01
22	2.937E+01	2.932E+01	2.388E+01	1.818E+01	4.228E-05	1.075E-07	7.768E-12	2.191E-04	2.322E+01	2.322E+01	2.322E+01	8.827E+01
23	3.458E+01	3.415E+01	2.403E+01	1.595E+01	2.844E-05	6.041E-08	3.896E-12	2.165E-04	2.705E+01	2.705E+01	2.705E+01	5.937E+01
24	1.982E+01	1.982E+01	1.738E+01	1.437E+01	4.313E-05	1.393E-07	1.289E-11	1.621E-04	1.570E+01	1.570E+01	1.570E+01	9.004E+01
25	1.716E+01	1.715E+01	1.358E+01	9.642E+00	2.239E-05	7.637E-08	9.284E-12	1.225E-04	1.358E+01	1.358E+01	1.358E+01	4.675E+01
26	1.626E+01	1.615E+01	1.035E+01	6.095E+00	1.482E-05	6.873E-08	1.066E-11	9.184E-05	1.279E+01	1.279E+01	1.279E+01	3.095E+01
27	1.464E+01	1.409E+01	7.815E+00	4.407E+00	1.260E-05	6.663E-08	1.099E-11	7.058E-05	1.116E+01	1.116E+01	1.116E+01	2.631E+01
28	1.466E+01	1.362E+01	6.918E+00	3.894E+00	1.203E-05	6.672E-08	1.132E-11	6.363E-05	1.079E+01	1.079E+01	1.079E+01	2.512E+01
29	1.965E+01	1.597E+01	6.255E+00	3.248E+00	1.069E-05	5.957E-08	9.638E-12	6.028E-05	1.265E+01	1.265E+01	1.265E+01	2.231E+01
30	2.435E+01	1.782E+01	6.274E+00	3.144E+00	1.044E-05	5.810E-08	9.283E-12	6.189E-05	1.411E+01	1.411E+01	1.411E+01	2.179E+01
31	2.470E+01	2.198E+01	7.945E+00	3.565E+00	1.080E-05	6.063E-08	9.897E-12	7.622E-05	1.741E+01	1.741E+01	1.741E+01	2.255E+01
32	4.020E+01	3.868E+01	1.976E+01	9.736E+00	1.421E-05	3.506E-08	3.038E-12	1.763E-04	3.064E+01	3.064E+01	3.064E+01	2.966E+01
33	2.198E+01	2.153E+01	1.093E+01	6.370E+00	2.489E-05	1.377E-07	2.131E-11	1.013E-04	1.705E+01	1.705E+01	1.705E+01	5.197E+01
34	2.533E+01	2.501E+01	1.806E+01	1.272E+01	2.604E-05	5.987E-08	3.899E-12	1.648E-04	1.981E+01	1.981E+01	1.981E+01	5.437E+01
35	1.024E+01	1.000E+01	6.369E+00	4.098E+00	1.347E-05	7.748E-08	1.406E-11	5.788E-05	7.924E+00	7.924E+00	7.924E+00	2.812E+01
36	7.573E+00	7.573E+00	6.621E+00	5.521E+00	2.323E-05	1.340E-07	2.492E-11	6.196E-05	5.998E+00	5.998E+00	5.998E+00	4.849E+01
37	2.022E+01	2.022E+01	1.863E+01	1.664E+01	8.878E-05	5.541E-07	1.021E-10	1.773E-04	1.602E+01	1.602E+01	1.602E+01	1.854E+02
38	1.892E+01	1.890E+01	1.678E+01	1.448E+01	5.890E-05	2.511E-07	2.911E-11	1.586E-04	1.497E+01	1.497E+01	1.497E+01	1.230E+02
39	1.707E+01	1.708E+01	1.611E+01	1.499E+01	1.036E-04	7.856E-07	1.732E-10	1.552E-04	1.353E+01	1.353E+01	1.353E+01	2.163E+02
40	4.033E+00	4.035E+00	3.967E+00	3.873E+00	9.921E-05	2.362E-06	1.446E-09	3.872E-05	3.196E+00	3.196E+00	3.196E+00	2.071E+02
41	1.155E+01	1.155E+01	1.106E+01	1.042E+01	5.927E-05	3.173E-07	4.421E-11	1.069E-04	9.150E+00	9.150E+00	9.150E+00	1.237E+02

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.03E+01	2.07E+01	1.59E+02	5.68E-01	6.28E-01	0.00E+00
INFANT	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
INFANT	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.05E+01	2.08E+01	1.60E+02	7.14E-01	7.74E-01	1.46E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.93E+00	1.79E+01	7.66E+01	2.38E-01	2.41E-01	0.00E+00
CHILD	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
CHILD	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
CHILD	VEG. ING	1.16E-01	1.50E+00	1.36E-01	1.36E-01	3.41E-01	0.00E+00
CHILD	MEAT ING	1.61E-02	2.14E-01	3.39E-02	3.39E-02	4.30E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.02E+01	1.97E+01	7.69E+01	5.53E-01	7.71E-01	1.46E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.54E+00	1.90E+01	3.99E+01	1.12E-01	1.32E-01	0.00E+00
TEENAGE	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
TEENAGE	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
TEENAGE	VEG. ING	1.89E-01	2.46E+00	2.20E-01	2.20E-01	5.59E-01	0.00E+00
TEENAGE	MEAT ING	2.61E-02	3.47E-01	5.50E-02	5.50E-02	6.97E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.90E+00	2.19E+01	4.03E+01	5.33E-01	9.07E-01	1.46E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.71E+00	1.84E+01	3.32E+01	9.43E-02	1.05E-01	0.00E+00
ADULT	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
ADULT	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
ADULT	VEG. ING	2.61E-01	3.39E+00	3.04E-01	3.04E-01	7.72E-01	0.00E+00
ADULT	MEAT ING	4.56E-02	6.07E-01	9.62E-02	9.62E-02	1.22E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.17E+00	2.25E+01	3.37E+01	6.40E-01	1.14E+00	1.46E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.13E+01	2.07E+01	1.59E+02	6.27E-01	6.52E-01	1.60E+01
INFANT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
INFANT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.30E+01	2.24E+01	1.61E+02	2.29E+00	2.31E+00	1.77E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+01	1.79E+01	7.66E+01	2.64E-01	2.52E-01	1.60E+01
CHILD	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
CHILD	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
CHILD	VEG. ING	1.17E-01	1.51E+00	1.39E-01	1.39E-01	3.44E-01	0.00E+00
CHILD	MEAT ING	1.62E-02	2.16E-01	3.44E-02	3.44E-02	4.34E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.13E+01	7.84E+01	2.10E+00	2.30E+00	1.77E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.50E+00	1.90E+01	3.99E+01	1.24E-01	1.38E-01	1.60E+01
TEENAGE	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
TEENAGE	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
TEENAGE	VEG. ING	1.91E-01	2.48E+00	2.25E-01	2.25E-01	5.63E-01	0.00E+00
TEENAGE	MEAT ING	2.64E-02	3.50E-01	5.59E-02	5.59E-02	7.04E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.38E+00	2.35E+01	4.18E+01	2.06E+00	2.43E+00	1.77E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.67E+00	1.84E+01	3.32E+01	1.04E-01	1.09E-01	1.60E+01
ADULT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
ADULT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
ADULT	VEG. ING	2.63E-01	3.41E+00	3.11E-01	3.11E-01	7.78E-01	0.00E+00
ADULT	MEAT ING	4.61E-02	6.12E-01	9.77E-02	9.77E-02	1.23E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.64E+00	2.41E+01	3.53E+01	2.17E+00	2.67E+00	1.77E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.41E+01	1.43E+01	1.10E+02	3.92E-01	4.34E-01	0.00E+00
INFANT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
INFANT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.42E+01	1.44E+01	1.10E+02	4.93E-01	5.35E-01	1.01E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.86E+00	1.23E+01	5.29E+01	1.64E-01	1.67E-01	0.00E+00
CHILD	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
CHILD	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
CHILD	VEG. ING	7.99E-02	1.04E+00	9.38E-02	9.38E-02	2.36E-01	0.00E+00
CHILD	MEAT ING	1.11E-02	1.48E-01	2.34E-02	2.34E-02	2.97E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.05E+00	1.36E+01	5.31E+01	3.82E-01	5.33E-01	1.01E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.83E+00	1.31E+01	2.76E+01	7.76E-02	9.12E-02	0.00E+00
TEENAGE	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
TEENAGE	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
TEENAGE	VEG. ING	1.31E-01	1.70E+00	1.52E-01	1.52E-01	3.86E-01	0.00E+00
TEENAGE	MEAT ING	1.80E-02	2.40E-01	3.80E-02	3.80E-02	4.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.08E+00	1.51E+01	2.78E+01	3.68E-01	6.26E-01	1.01E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.25E+00	1.27E+01	2.29E+01	6.52E-02	7.24E-02	0.00E+00
ADULT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
ADULT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
ADULT	VEG. ING	1.80E-01	2.34E+00	2.10E-01	2.10E-01	5.33E-01	0.00E+00
ADULT	MEAT ING	3.15E-02	4.19E-01	6.64E-02	6.64E-02	8.42E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.57E+00	1.56E+01	2.33E+01	4.42E-01	7.91E-01	1.01E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.48E+01	1.43E+01	1.10E+02	4.55E-01	4.58E-01	1.31E+01
INFANT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
INFANT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.60E+01	1.55E+01	1.11E+02	1.62E+00	1.62E+00	1.43E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.65E+00	1.24E+01	5.29E+01	1.92E-01	1.78E-01	1.31E+01
CHILD	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
CHILD	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
CHILD	VEG. ING	8.08E-02	1.05E+00	9.69E-02	9.69E-02	2.38E-01	0.00E+00
CHILD	MEAT ING	1.13E-02	1.50E-01	2.40E-02	2.40E-02	3.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.90E+00	1.47E+01	5.42E+01	1.48E+00	1.61E+00	1.43E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.62E+00	1.31E+01	2.76E+01	8.95E-02	9.70E-02	1.31E+01
TEENAGE	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
TEENAGE	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
TEENAGE	VEG. ING	1.32E-01	1.72E+00	1.57E-01	1.57E-01	3.90E-01	0.00E+00
TEENAGE	MEAT ING	1.83E-02	2.43E-01	3.89E-02	3.89E-02	4.89E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.93E+00	1.62E+01	2.89E+01	1.45E+00	1.70E+00	1.43E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.04E+00	1.27E+01	2.29E+01	7.51E-02	7.72E-02	1.31E+01
ADULT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
ADULT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
ADULT	VEG. ING	1.82E-01	2.36E+00	2.17E-01	2.17E-01	5.39E-01	0.00E+00
ADULT	MEAT ING	3.20E-02	4.25E-01	6.80E-02	6.80E-02	8.55E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.42E+00	1.67E+01	2.44E+01	1.52E+00	1.86E+00	1.43E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.67E+01	3.73E+01	2.87E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
INFANT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.69E+01	3.75E+01	2.88E+02	1.29E+00	1.40E+00	2.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.79E+01	3.22E+01	1.38E+02	4.28E-01	4.35E-01	0.00E+00
CHILD	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
CHILD	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
CHILD	VEG. ING	2.08E-01	2.70E+00	2.45E-01	2.45E-01	6.15E-01	0.00E+00
CHILD	MEAT ING	2.90E-02	3.86E-01	6.11E-02	6.11E-02	7.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.84E+01	3.55E+01	1.39E+02	9.97E-01	1.39E+00	2.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.99E+00	3.42E+01	7.19E+01	2.02E-01	2.38E-01	0.00E+00
TEENAGE	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
TEENAGE	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.96E-01	3.96E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.91E-02	9.91E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.95E+01	7.27E+01	9.61E-01	1.63E+00	2.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.50E+00	3.32E+01	5.99E+01	1.70E-01	1.89E-01	0.00E+00
ADULT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
ADULT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
ADULT	VEG. ING	4.71E-01	6.11E+00	5.47E-01	5.47E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.22E-02	1.09E+00	1.73E-01	1.73E-01	2.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.31E+00	4.06E+01	6.08E+01	1.15E+00	2.06E+00	2.63E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.80E+01	3.73E+01	2.87E+02	1.09E+00	1.16E+00	2.22E+01
INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
INFANT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.09E+01	4.02E+01	2.90E+02	4.00E+00	4.07E+00	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.92E+01	3.22E+01	1.38E+02	4.57E-01	4.47E-01	2.22E+01
CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
CHILD	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
CHILD	VEG. ING	2.09E-01	2.72E+00	2.48E-01	2.48E-01	6.18E-01	0.00E+00
CHILD	MEAT ING	2.92E-02	3.88E-01	6.17E-02	6.17E-02	7.79E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.24E+01	3.82E+01	1.41E+02	3.68E+00	4.06E+00	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	3.42E+01	7.19E+01	2.15E-01	2.44E-01	2.22E+01
TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
TEENAGE	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
TEENAGE	VEG. ING	3.43E-01	4.45E+00	4.01E-01	4.01E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.73E-02	6.29E-01	1.00E-01	1.00E-01	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.46E+01	4.22E+01	7.53E+01	3.63E+00	4.30E+00	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.83E+00	3.32E+01	5.99E+01	1.80E-01	1.94E-01	2.22E+01
ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
ADULT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
ADULT	VEG. ING	4.73E-01	6.13E+00	5.55E-01	5.55E-01	1.40E+00	0.00E+00
ADULT	MEAT ING	8.27E-02	1.10E+00	1.75E-01	1.75E-01	2.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.33E+01	6.35E+01	3.82E+00	4.73E+00	2.51E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.66E+01	1.69E+01	1.30E+02	4.63E-01	5.12E-01	0.00E+00
INFANT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
INFANT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.67E+01	1.70E+01	1.30E+02	5.82E-01	6.31E-01	1.19E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.09E+00	1.46E+01	6.24E+01	1.94E-01	1.97E-01	0.00E+00
CHILD	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
CHILD	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
CHILD	VEG. ING	9.43E-02	1.22E+00	1.11E-01	1.11E-01	2.78E-01	0.00E+00
CHILD	MEAT ING	1.31E-02	1.74E-01	2.76E-02	2.76E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.32E+00	1.61E+01	6.27E+01	4.51E-01	6.29E-01	1.19E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.52E+00	1.55E+01	3.25E+01	9.16E-02	1.08E-01	0.00E+00
TEENAGE	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
TEENAGE	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
TEENAGE	VEG. ING	1.54E-01	2.00E+00	1.79E-01	1.79E-01	4.56E-01	0.00E+00
TEENAGE	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.81E+00	1.79E+01	3.29E+01	4.35E-01	7.39E-01	1.19E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.84E+00	1.50E+01	2.71E+01	7.69E-02	8.55E-02	0.00E+00
ADULT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
ADULT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
ADULT	VEG. ING	2.13E-01	2.76E+00	2.48E-01	2.48E-01	6.30E-01	0.00E+00
ADULT	MEAT ING	3.72E-02	4.95E-01	7.84E-02	7.84E-02	9.94E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.21E+00	1.84E+01	2.75E+01	5.22E-01	9.34E-01	1.19E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.75E+01	1.69E+01	1.30E+02	5.31E-01	5.39E-01	1.46E+01
INFANT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
INFANT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.88E+01	1.82E+01	1.31E+02	1.88E+00	1.89E+00	1.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.97E+00	1.46E+01	6.24E+01	2.24E-01	2.09E-01	1.46E+01
CHILD	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
CHILD	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
CHILD	VEG. ING	9.53E-02	1.24E+00	1.14E-01	1.14E-01	2.81E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.77E-01	2.82E-02	2.82E-02	3.55E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.04E+01	1.73E+01	6.39E+01	1.72E+00	1.88E+00	1.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.40E+00	1.55E+01	3.25E+01	1.04E-01	1.14E-01	1.46E+01
TEENAGE	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
TEENAGE	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
TEENAGE	VEG. ING	1.56E-01	2.02E+00	1.85E-01	1.85E-01	4.60E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.87E-01	4.59E-02	4.59E-02	5.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.93E+00	1.92E+01	3.41E+01	1.69E+00	1.98E+00	1.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.72E+00	1.50E+01	2.71E+01	8.76E-02	9.06E-02	1.46E+01
ADULT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
ADULT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
ADULT	VEG. ING	2.15E-01	2.79E+00	2.55E-01	2.55E-01	6.36E-01	0.00E+00
ADULT	MEAT ING	3.77E-02	5.01E-01	8.01E-02	8.01E-02	1.01E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.33E+00	1.97E+01	2.88E+01	1.77E+00	2.18E+00	1.60E+01

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.40E+01	1.85E+02	6.58E-01	7.29E-01	0.00E+00
INFANT	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
INFANT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.98E-01	1.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.15E+01	2.07E+01	8.88E+01	2.76E-01	2.80E-01	0.00E+00
CHILD	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
CHILD	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.57E-01	1.57E-01	3.96E-01	0.00E+00
CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.98E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.18E+01	2.29E+01	8.92E+01	6.42E-01	8.95E-01	1.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01	0.00E+00
TEENAGE	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
TEENAGE	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.48E-01	0.00E+00
TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.38E-02	6.38E-02	8.09E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.85E+00	2.54E+01	4.68E+01	6.18E-01	1.05E+00	1.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.47E+00	2.13E+01	3.85E+01	1.09E-01	1.22E-01	0.00E+00
ADULT	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
ADULT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
ADULT	VEG. ING	3.03E-01	3.93E+00	3.52E-01	3.52E-01	8.96E-01	0.00E+00
ADULT	MEAT ING	5.29E-02	7.04E-01	1.12E-01	1.12E-01	1.41E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.99E+00	2.61E+01	3.91E+01	7.43E-01	1.33E+00	1.69E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.51E+01	2.40E+01	1.85E+02	7.32E-01	7.57E-01	2.48E+01
INFANT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
INFANT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.70E+01	2.59E+01	1.87E+02	2.63E+00	2.65E+00	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.30E+01	2.07E+01	8.88E+01	3.08E-01	2.93E-01	2.48E+01
CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
CHILD	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
CHILD	VEG. ING	1.35E-01	1.75E+00	1.61E-01	1.61E-01	3.99E-01	0.00E+00
CHILD	MEAT ING	1.89E-02	2.50E-01	4.00E-02	4.00E-02	5.04E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.46E+01	9.09E+01	2.41E+00	2.64E+00	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.92E+00	2.20E+01	4.63E+01	1.44E-01	1.60E-01	2.48E+01
TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
TEENAGE	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
TEENAGE	VEG. ING	2.21E-01	2.87E+00	2.61E-01	2.61E-01	6.53E-01	0.00E+00
TEENAGE	MEAT ING	3.06E-02	4.06E-01	6.49E-02	6.49E-02	8.17E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	2.72E+01	4.85E+01	2.37E+00	2.79E+00	2.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.96E+00	2.14E+01	3.85E+01	1.21E-01	1.27E-01	2.48E+01
ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
ADULT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
ADULT	VEG. ING	3.05E-01	3.96E+00	3.61E-01	3.61E-01	9.03E-01	0.00E+00
ADULT	MEAT ING	5.35E-02	7.10E-01	1.13E-01	1.13E-01	1.43E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.21E+00	2.79E+01	4.09E+01	2.49E+00	3.07E+00	2.67E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.40E+01	1.85E+02	6.59E-01	7.29E-01	0.00E+00
INFANT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.99E-01	1.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.15E+01	2.07E+01	8.89E+01	2.76E-01	2.80E-01	0.00E+00
CHILD	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.58E-01	1.58E-01	3.96E-01	0.00E+00
CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.18E+01	2.29E+01	8.93E+01	6.42E-01	8.95E-01	1.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01	0.00E+00
TEENAGE	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.49E-01	0.00E+00
TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.39E-02	6.39E-02	8.09E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.85E+00	2.54E+01	4.68E+01	6.19E-01	1.05E+00	1.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.47E+00	2.14E+01	3.85E+01	1.09E-01	1.22E-01	0.00E+00
ADULT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
ADULT	VEG. ING	3.03E-01	3.93E+00	3.53E-01	3.53E-01	8.96E-01	0.00E+00
ADULT	MEAT ING	5.30E-02	7.05E-01	1.12E-01	1.12E-01	1.41E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.00E+00	2.62E+01	3.92E+01	7.43E-01	1.33E+00	1.70E-01

1REGION: D[redacted] Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.67E+01	2.40E+01	1.85E+02	7.52E-01	7.66E-01	5.20E+01
INFANT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
INFANT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.87E+01	2.60E+01	1.87E+02	2.70E+00	2.71E+00	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.46E+01	2.07E+01	8.89E+01	3.18E-01	2.97E-01	5.20E+01
CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
CHILD	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
CHILD	VEG. ING	1.36E-01	1.76E+00	1.62E-01	1.62E-01	4.00E-01	0.00E+00
CHILD	MEAT ING	1.89E-02	2.51E-01	4.02E-02	4.02E-02	5.05E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.67E+01	2.47E+01	9.10E+01	2.47E+00	2.70E+00	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.55E+00	2.20E+01	4.63E+01	1.48E-01	1.62E-01	5.20E+01
TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
TEENAGE	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
TEENAGE	VEG. ING	2.22E-01	2.88E+00	2.63E-01	2.63E-01	6.55E-01	0.00E+00
TEENAGE	MEAT ING	3.07E-02	4.08E-01	6.52E-02	6.52E-02	8.20E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	2.73E+01	4.86E+01	2.42E+00	2.85E+00	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.59E+00	2.14E+01	3.85E+01	1.24E-01	1.29E-01	5.20E+01
ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
ADULT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
ADULT	VEG. ING	3.06E-01	3.97E+00	3.63E-01	3.63E-01	9.05E-01	0.00E+00
ADULT	MEAT ING	5.37E-02	7.13E-01	1.14E-01	1.14E-01	1.43E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.09E+01	2.80E+01	4.10E+01	2.55E+00	3.12E+00	5.39E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.17E+01	4.24E+01	3.27E+02	1.16E+00	1.29E+00	0.00E+00
INFANT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
INFANT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.20E+01	4.27E+01	3.27E+02	1.46E+00	1.59E+00	2.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.03E+01	3.66E+01	1.57E+02	4.87E-01	4.94E-01	0.00E+00
CHILD	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
CHILD	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
CHILD	VEG. ING	2.37E-01	3.08E+00	2.78E-01	2.78E-01	6.99E-01	0.00E+00
CHILD	MEAT ING	3.30E-02	4.39E-01	6.95E-02	6.95E-02	8.81E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.09E+01	4.04E+01	1.58E+02	1.13E+00	1.58E+00	2.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.14E+01	3.89E+01	8.18E+01	2.30E-01	2.71E-01	0.00E+00
TEENAGE	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
TEENAGE	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
TEENAGE	VEG. ING	3.88E-01	5.04E+00	4.51E-01	4.51E-01	1.15E+00	0.00E+00
TEENAGE	MEAT ING	5.35E-02	7.12E-01	1.13E-01	1.13E-01	1.43E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.21E+01	4.49E+01	8.26E+01	1.09E+00	1.86E+00	2.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.66E+00	3.77E+01	6.80E+01	1.93E-01	2.15E-01	0.00E+00
ADULT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
ADULT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
ADULT	VEG. ING	5.35E-01	6.95E+00	6.23E-01	6.23E-01	1.58E+00	0.00E+00
ADULT	MEAT ING	9.36E-02	1.24E+00	1.97E-01	1.97E-01	2.50E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	4.62E+01	6.92E+01	1.31E+00	2.35E+00	2.99E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.45E+01	4.24E+01	3.27E+02	1.32E+00	1.35E+00	4.71E+01
INFANT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
INFANT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.80E+01	4.59E+01	3.30E+02	4.75E+00	4.78E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.32E+01	3.66E+01	1.57E+02	5.57E-01	5.23E-01	4.71E+01
CHILD	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
CHILD	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
CHILD	VEG. ING	2.39E-01	3.10E+00	2.86E-01	2.86E-01	7.06E-01	0.00E+00
CHILD	MEAT ING	3.34E-02	4.43E-01	7.09E-02	7.09E-02	8.92E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.69E+01	4.36E+01	1.61E+02	4.35E+00	4.75E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.42E+01	3.89E+01	8.18E+01	2.60E-01	2.85E-01	4.71E+01
TEENAGE	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
TEENAGE	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
TEENAGE	VEG. ING	3.92E-01	5.08E+00	4.64E-01	4.64E-01	1.16E+00	0.00E+00
TEENAGE	MEAT ING	5.42E-02	7.20E-01	1.15E-01	1.15E-01	1.45E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.81E+01	4.82E+01	8.58E+01	4.27E+00	5.02E+00	5.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.25E+01	3.77E+01	6.80E+01	2.18E-01	2.27E-01	4.71E+01
ADULT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
ADULT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
ADULT	VEG. ING	5.41E-01	7.01E+00	6.41E-01	6.41E-01	1.60E+00	0.00E+00
ADULT	MEAT ING	9.48E-02	1.26E+00	2.01E-01	2.01E-01	2.53E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.66E+01	4.94E+01	7.23E+01	4.49E+00	5.51E+00	5.06E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.78E+01	2.83E+01	2.18E+02	7.75E-01	8.58E-01	0.00E+00
INFANT	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
INFANT	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.80E+01	2.85E+01	2.18E+02	9.75E-01	1.06E+00	1.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.44E+01	1.05E+02	3.25E-01	3.29E-01	0.00E+00
CHILD	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
CHILD	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
CHILD	VEG. ING	1.58E-01	2.05E+00	1.85E-01	1.85E-01	4.66E-01	0.00E+00
CHILD	MEAT ING	2.20E-02	2.92E-01	4.63E-02	4.63E-02	5.87E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.39E+01	2.69E+01	1.05E+02	7.56E-01	1.05E+00	1.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.57E+00	2.59E+01	5.45E+01	1.53E-01	1.80E-01	0.00E+00
TEENAGE	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
TEENAGE	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
TEENAGE	VEG. ING	2.59E-01	3.36E+00	3.00E-01	3.00E-01	7.63E-01	0.00E+00
TEENAGE	MEAT ING	3.57E-02	4.74E-01	7.52E-02	7.52E-02	9.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.06E+00	2.99E+01	5.51E+01	7.28E-01	1.24E+00	1.99E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.44E+00	2.51E+01	4.53E+01	1.29E-01	1.43E-01	0.00E+00
ADULT	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
ADULT	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
ADULT	VEG. ING	3.57E-01	4.63E+00	4.15E-01	4.15E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.24E-02	8.29E-01	1.31E-01	1.31E-01	1.66E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.06E+00	3.08E+01	4.61E+01	8.75E-01	1.56E+00	1.99E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.15E+01	2.83E+01	2.18E+02	9.06E-01	9.09E-01	6.15E+01
INFANT	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.38E+01	3.06E+01	2.20E+02	3.25E+00	3.25E+00	6.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.73E+01	2.44E+01	1.05E+02	3.83E-01	3.53E-01	6.15E+01
CHILD	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	1.60E-01	2.07E+00	1.92E-01	1.92E-01	4.71E-01	0.00E+00
CHILD	MEAT ING	2.23E-02	2.96E-01	4.75E-02	4.75E-02	5.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.98E+01	2.91E+01	1.07E+02	2.97E+00	3.23E+00	6.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	2.60E+01	5.45E+01	1.78E-01	1.92E-01	6.15E+01
TEENAGE	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	2.62E-01	3.40E+00	3.11E-01	3.11E-01	7.72E-01	0.00E+00
TEENAGE	MEAT ING	3.62E-02	4.81E-01	7.71E-02	7.71E-02	9.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.39E+01	3.22E+01	5.72E+01	2.91E+00	3.41E+00	6.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	2.52E+01	4.53E+01	1.50E-01	1.53E-01	6.15E+01
ADULT	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	3.61E-01	4.68E+00	4.30E-01	4.30E-01	1.07E+00	0.00E+00
ADULT	MEAT ING	6.33E-02	8.41E-01	1.35E-01	1.35E-01	1.69E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.29E+01	3.30E+01	4.83E+01	3.06E+00	3.74E+00	6.39E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 9 NAME=CPP S X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.24E+01	9.39E+01	7.24E+02	2.58E+00	2.85E+00	0.00E+00
INFANT	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
INFANT	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.30E+01	9.45E+01	7.24E+02	3.24E+00	3.51E+00	6.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.51E+01	8.11E+01	3.48E+02	1.08E+00	1.09E+00	0.00E+00
CHILD	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
CHILD	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
CHILD	VEG. ING	5.25E-01	6.82E+00	6.16E-01	6.16E-01	1.55E+00	0.00E+00
CHILD	MEAT ING	7.31E-02	9.72E-01	1.54E-01	1.54E-01	1.95E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.63E+01	8.95E+01	3.49E+02	2.51E+00	3.50E+00	6.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.51E+01	8.61E+01	1.81E+02	5.10E-01	5.99E-01	0.00E+00
TEENAGE	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
TEENAGE	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
TEENAGE	VEG. ING	8.60E-01	1.12E+01	9.98E-01	9.98E-01	2.54E+00	0.00E+00
TEENAGE	MEAT ING	1.19E-01	1.58E+00	2.50E-01	2.50E-01	3.17E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.68E+01	9.95E+01	1.83E+02	2.42E+00	4.12E+00	6.63E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.14E+01	8.35E+01	1.51E+02	4.28E-01	4.76E-01	0.00E+00
ADULT	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
ADULT	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
ADULT	VEG. ING	1.19E+00	1.54E+01	1.38E+00	1.38E+00	3.51E+00	0.00E+00
ADULT	MEAT ING	2.07E-01	2.76E+00	4.37E-01	4.37E-01	5.53E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.34E+01	1.02E+02	1.53E+02	2.91E+00	5.20E+00	6.63E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 9 NAME=CPP S X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.45E+01	9.39E+01	7.24E+02	2.75E+00	2.92E+00	3.50E+01
INFANT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.02E+02	1.01E+02	7.31E+02	1.01E+01	1.02E+01	4.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.72E+01	8.11E+01	3.48E+02	1.16E+00	1.13E+00	3.50E+01
CHILD	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	5.28E-01	6.85E+00	6.25E-01	6.25E-01	1.56E+00	0.00E+00
CHILD	MEAT ING	7.35E-02	9.77E-01	1.56E-01	1.56E-01	1.96E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.51E+01	9.62E+01	3.56E+02	9.26E+00	1.02E+01	4.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.72E+01	8.61E+01	1.81E+02	5.43E-01	6.16E-01	3.50E+01
TEENAGE	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	8.64E-01	1.12E+01	1.01E+00	1.01E+00	2.55E+00	0.00E+00
TEENAGE	MEAT ING	1.19E-01	1.59E+00	2.52E-01	2.52E-01	3.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.55E+01	1.06E+02	1.90E+02	9.13E+00	1.08E+01	4.23E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.35E+01	8.35E+01	1.51E+02	4.56E-01	4.89E-01	3.50E+01
ADULT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	1.19E+00	1.55E+01	1.40E+00	1.40E+00	3.52E+00	0.00E+00
ADULT	MEAT ING	2.09E-01	2.77E+00	4.41E-01	4.41E-01	5.57E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.22E+01	1.09E+02	1.60E+02	9.61E+00	1.19E+01	4.23E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 10 NAME=CPP SSW X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.82E+01	2.87E+01	2.21E+02	7.88E-01	8.72E-01	0.00E+00
INFANT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
INFANT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.84E+01	2.89E+01	2.21E+02	9.90E-01	1.07E+00	2.03E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.38E+01	2.48E+01	1.06E+02	3.30E-01	3.35E-01	0.00E+00
CHILD	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
CHILD	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
CHILD	VEG. ING	1.61E-01	2.08E+00	1.88E-01	1.88E-01	4.73E-01	0.00E+00
CHILD	MEAT ING	2.23E-02	2.97E-01	4.71E-02	4.71E-02	5.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.42E+01	2.74E+01	1.07E+02	7.68E-01	1.07E+00	2.03E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.69E+00	2.63E+01	5.53E+01	1.56E-01	1.83E-01	0.00E+00
TEENAGE	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
TEENAGE	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
TEENAGE	VEG. ING	2.63E-01	3.41E+00	3.05E-01	3.05E-01	7.75E-01	0.00E+00
TEENAGE	MEAT ING	3.63E-02	4.82E-01	7.64E-02	7.64E-02	9.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.19E+00	3.04E+01	5.59E+01	7.40E-01	1.26E+00	2.03E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.54E+00	2.55E+01	4.61E+01	1.31E-01	1.45E-01	0.00E+00
ADULT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
ADULT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
ADULT	VEG. ING	3.62E-01	4.70E+00	4.22E-01	4.22E-01	1.07E+00	0.00E+00
ADULT	MEAT ING	6.34E-02	8.43E-01	1.34E-01	1.34E-01	1.69E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.17E+00	3.13E+01	4.68E+01	8.89E-01	1.59E+00	2.03E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 10 NAME=CPP SSW X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.97E+01	2.87E+01	2.21E+02	9.78E-01	9.46E-01	2.51E+01
INFANT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
INFANT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.21E+01	3.11E+01	2.23E+02	3.32E+00	3.29E+00	2.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.53E+01	2.48E+01	1.06E+02	4.14E-01	3.69E-01	2.51E+01
CHILD	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
CHILD	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	VEG. ING	1.63E-01	2.12E+00	1.98E-01	1.98E-01	4.81E-01	0.00E+00
CHILD	MEAT ING	2.28E-02	3.03E-01	4.88E-02	4.88E-02	6.10E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.78E+01	2.96E+01	1.09E+02	3.01E+00	3.26E+00	2.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.20E+00	2.64E+01	5.53E+01	1.92E-01	2.01E-01	2.51E+01
TEENAGE	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
TEENAGE	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	VEG. ING	2.67E-01	3.47E+00	3.21E-01	3.21E-01	7.88E-01	0.00E+00
TEENAGE	MEAT ING	3.71E-02	4.92E-01	7.92E-02	7.92E-02	9.90E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.19E+01	3.27E+01	5.81E+01	2.94E+00	3.44E+00	2.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.05E+00	2.56E+01	4.61E+01	1.61E-01	1.60E-01	2.51E+01
ADULT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
ADULT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	VEG. ING	3.69E-01	4.78E+00	4.44E-01	4.44E-01	1.09E+00	0.00E+00
ADULT	MEAT ING	6.48E-02	8.59E-01	1.38E-01	1.38E-01	1.73E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.08E+01	3.36E+01	4.90E+01	3.09E+00	3.77E+00	2.75E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.01E+01	2.04E+01	1.57E+02	5.60E-01	6.20E-01	0.00E+00
INFANT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
INFANT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.02E+01	2.06E+01	1.57E+02	7.04E-01	7.64E-01	1.44E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.79E+00	1.76E+01	7.55E+01	2.35E-01	2.38E-01	0.00E+00
CHILD	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
CHILD	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
CHILD	VEG. ING	1.14E-01	1.48E+00	1.34E-01	1.34E-01	3.36E-01	0.00E+00
CHILD	MEAT ING	1.59E-02	2.11E-01	3.35E-02	3.35E-02	4.24E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.01E+01	1.95E+01	7.58E+01	5.46E-01	7.61E-01	1.44E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.46E+00	1.87E+01	3.93E+01	1.11E-01	1.30E-01	0.00E+00
TEENAGE	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
TEENAGE	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
TEENAGE	VEG. ING	1.87E-01	2.43E+00	2.17E-01	2.17E-01	5.51E-01	0.00E+00
TEENAGE	MEAT ING	2.58E-02	3.43E-01	5.43E-02	5.43E-02	6.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.82E+00	2.16E+01	3.97E+01	5.26E-01	8.94E-01	1.44E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.65E+00	1.82E+01	3.27E+01	9.31E-02	1.03E-01	0.00E+00
ADULT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
ADULT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
ADULT	VEG. ING	2.58E-01	3.34E+00	3.00E-01	3.00E-01	7.61E-01	0.00E+00
ADULT	MEAT ING	4.50E-02	5.99E-01	9.49E-02	9.49E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.09E+00	2.22E+01	3.33E+01	6.32E-01	1.13E+00	1.44E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.15E+01	2.04E+01	1.57E+02	7.27E-01	6.85E-01	2.39E+01
INFANT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.32E+01	2.22E+01	1.59E+02	2.44E+00	2.40E+00	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+01	1.77E+01	7.55E+01	3.09E-01	2.68E-01	2.39E+01
CHILD	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
CHILD	VEG. ING	1.17E-01	1.51E+00	1.42E-01	1.42E-01	3.43E-01	0.00E+00
CHILD	MEAT ING	1.63E-02	2.16E-01	3.50E-02	3.50E-02	4.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.31E+01	2.11E+01	7.74E+01	2.20E+00	2.37E+00	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.90E+00	1.88E+01	3.93E+01	1.43E-01	1.46E-01	2.39E+01
TEENAGE	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
TEENAGE	VEG. ING	1.91E-01	2.47E+00	2.31E-01	2.31E-01	5.62E-01	0.00E+00
TEENAGE	MEAT ING	2.65E-02	3.51E-01	5.68E-02	5.68E-02	7.08E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.83E+00	2.33E+01	4.13E+01	2.14E+00	2.49E+00	2.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.08E+00	1.82E+01	3.27E+01	1.20E-01	1.16E-01	2.39E+01
ADULT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
ADULT	VEG. ING	2.63E-01	3.41E+00	3.19E-01	3.19E-01	7.77E-01	0.00E+00
ADULT	MEAT ING	4.63E-02	6.13E-01	9.92E-02	9.92E-02	1.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.10E+00	2.39E+01	3.49E+01	2.25E+00	2.73E+00	2.56E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.27E+01	5.36E+01	4.13E+02	1.47E+00	1.63E+00	0.00E+00
INFANT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
INFANT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.31E+01	5.40E+01	4.13E+02	1.85E+00	2.01E+00	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.57E+01	4.63E+01	1.98E+02	6.16E-01	6.25E-01	0.00E+00
CHILD	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
CHILD	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
CHILD	VEG. ING	3.00E-01	3.89E+00	3.52E-01	3.52E-01	8.84E-01	0.00E+00
CHILD	MEAT ING	4.17E-02	5.55E-01	8.79E-02	8.79E-02	1.11E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.64E+01	5.11E+01	1.99E+02	1.43E+00	2.00E+00	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.44E+01	4.91E+01	1.03E+02	2.91E-01	3.42E-01	0.00E+00
TEENAGE	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
TEENAGE	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
TEENAGE	VEG. ING	4.91E-01	6.37E+00	5.70E-01	5.70E-01	1.45E+00	0.00E+00
TEENAGE	MEAT ING	6.77E-02	9.00E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.53E+01	5.68E+01	1.04E+02	1.38E+00	2.35E+00	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.22E+01	4.77E+01	8.60E+01	2.44E-01	2.71E-01	0.00E+00
ADULT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
ADULT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
ADULT	VEG. ING	6.77E-01	8.78E+00	7.87E-01	7.87E-01	2.00E+00	0.00E+00
ADULT	MEAT ING	1.18E-01	1.57E+00	2.49E-01	2.49E-01	3.16E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.34E+01	5.84E+01	8.74E+01	1.66E+00	2.97E+00	3.78E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.43E+01	5.36E+01	4.13E+02	1.57E+00	1.67E+00	2.68E+01
INFANT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
INFANT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.85E+01	5.78E+01	4.17E+02	5.76E+00	5.86E+00	3.10E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.73E+01	4.63E+01	1.98E+02	6.60E-01	6.43E-01	2.68E+01
CHILD	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
CHILD	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
CHILD	VEG. ING	3.01E-01	3.91E+00	3.57E-01	3.57E-01	8.88E-01	0.00E+00
CHILD	MEAT ING	4.20E-02	5.58E-01	8.88E-02	8.88E-02	1.12E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.19E+01	5.49E+01	2.03E+02	5.30E+00	5.83E+00	3.10E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.60E+01	4.92E+01	1.03E+02	3.10E-01	3.51E-01	2.68E+01
TEENAGE	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
TEENAGE	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
TEENAGE	VEG. ING	4.93E-01	6.40E+00	5.78E-01	5.78E-01	1.45E+00	0.00E+00
TEENAGE	MEAT ING	6.81E-02	9.05E-01	1.44E-01	1.44E-01	1.82E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.07E+01	6.07E+01	1.08E+02	5.22E+00	6.18E+00	3.10E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.38E+01	4.77E+01	8.60E+01	2.60E-01	2.79E-01	2.68E+01
ADULT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
ADULT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
ADULT	VEG. ING	6.80E-01	8.82E+00	7.99E-01	7.99E-01	2.01E+00	0.00E+00
ADULT	MEAT ING	1.19E-01	1.58E+00	2.52E-01	2.52E-01	3.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.88E+01	6.23E+01	9.12E+01	5.50E+00	6.80E+00	3.10E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.01E+01	3.07E+01	2.36E+02	8.41E-01	9.31E-01	0.00E+00
INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
INFANT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.03E+01	3.09E+01	2.36E+02	1.06E+00	1.15E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.47E+01	2.65E+01	1.13E+02	3.52E-01	3.57E-01	0.00E+00
CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
CHILD	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.05E-01	0.00E+00
CHILD	MEAT ING	2.38E-02	3.17E-01	5.02E-02	5.02E-02	6.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.92E+01	1.14E+02	8.20E-01	1.14E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.20E+00	2.81E+01	5.91E+01	1.66E-01	1.96E-01	0.00E+00
TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
TEENAGE	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
TEENAGE	VEG. ING	2.80E-01	3.64E+00	3.26E-01	3.26E-01	8.28E-01	0.00E+00
TEENAGE	MEAT ING	3.87E-02	5.15E-01	8.15E-02	8.15E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.74E+00	3.25E+01	5.97E+01	7.90E-01	1.34E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.98E+00	2.73E+01	4.91E+01	1.40E-01	1.55E-01	0.00E+00
ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
ADULT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
ADULT	VEG. ING	3.87E-01	5.02E+00	4.50E-01	4.50E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.76E-02	8.99E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.65E+00	3.34E+01	4.99E+01	9.49E-01	1.70E+00	2.16E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+01	3.07E+01	2.36E+02	9.46E-01	9.71E-01	2.94E+01
INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
INFANT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.32E+01	2.38E+02	3.43E+00	3.45E+00	3.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.65E+01	1.13E+02	3.99E-01	3.76E-01	2.94E+01
CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
CHILD	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
CHILD	VEG. ING	1.73E-01	2.24E+00	2.06E-01	2.06E-01	5.09E-01	0.00E+00
CHILD	MEAT ING	2.41E-02	3.20E-01	5.12E-02	5.12E-02	6.44E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.91E+01	3.15E+01	1.16E+02	3.14E+00	3.43E+00	3.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.97E+00	2.82E+01	5.91E+01	1.86E-01	2.05E-01	2.94E+01
TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
TEENAGE	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
TEENAGE	VEG. ING	2.83E-01	3.67E+00	3.34E-01	3.34E-01	8.35E-01	0.00E+00
TEENAGE	MEAT ING	3.91E-02	5.20E-01	8.31E-02	8.31E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.28E+01	3.48E+01	6.20E+01	3.09E+00	3.63E+00	3.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.74E+00	2.73E+01	4.91E+01	1.56E-01	1.63E-01	2.94E+01
ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
ADULT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
ADULT	VEG. ING	3.90E-01	5.06E+00	4.62E-01	4.62E-01	1.15E+00	0.00E+00
ADULT	MEAT ING	6.84E-02	9.09E-01	1.45E-01	1.45E-01	1.83E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.17E+01	3.57E+01	5.22E+01	3.25E+00	3.98E+00	3.19E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.41E+01	3.47E+01	2.67E+02	9.52E-01	1.05E+00	0.00E+00
INFANT	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
INFANT	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.43E+01	3.50E+01	2.67E+02	1.20E+00	1.30E+00	2.45E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	3.00E+01	1.28E+02	3.99E-01	4.04E-01	0.00E+00
CHILD	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
CHILD	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
CHILD	VEG. ING	1.94E-01	2.52E+00	2.28E-01	2.28E-01	5.72E-01	0.00E+00
CHILD	MEAT ING	2.70E-02	3.59E-01	5.69E-02	5.69E-02	7.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.71E+01	3.31E+01	1.29E+02	9.28E-01	1.29E+00	2.45E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.28E+00	3.18E+01	6.68E+01	1.88E-01	2.21E-01	0.00E+00
TEENAGE	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
TEENAGE	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
TEENAGE	VEG. ING	3.17E-01	4.12E+00	3.69E-01	3.69E-01	9.37E-01	0.00E+00
TEENAGE	MEAT ING	4.38E-02	5.83E-01	9.23E-02	9.23E-02	1.17E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.89E+00	3.68E+01	6.76E+01	8.94E-01	1.52E+00	2.45E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.90E+00	3.09E+01	5.56E+01	1.58E-01	1.76E-01	0.00E+00
ADULT	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
ADULT	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
ADULT	VEG. ING	4.38E-01	5.68E+00	5.10E-01	5.10E-01	1.29E+00	0.00E+00
ADULT	MEAT ING	7.66E-02	1.02E+00	1.61E-01	1.61E-01	2.04E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.66E+00	3.78E+01	5.65E+01	1.07E+00	1.92E+00	2.45E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.60E+01	3.47E+01	2.67E+02	1.03E+00	1.08E+00	3.09E+01
INFANT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
INFANT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.87E+01	3.75E+01	2.70E+02	3.81E+00	3.86E+00	3.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.85E+01	3.00E+01	1.28E+02	4.35E-01	4.19E-01	3.09E+01
CHILD	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
CHILD	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
CHILD	VEG. ING	1.95E-01	2.53E+00	2.32E-01	2.32E-01	5.75E-01	0.00E+00
CHILD	MEAT ING	2.72E-02	3.61E-01	5.76E-02	5.76E-02	7.26E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.15E+01	3.57E+01	1.31E+02	3.50E+00	3.85E+00	3.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.11E+01	3.19E+01	6.68E+01	2.04E-01	2.29E-01	3.09E+01
TEENAGE	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
TEENAGE	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
TEENAGE	VEG. ING	3.19E-01	4.14E+00	3.75E-01	3.75E-01	9.42E-01	0.00E+00
TEENAGE	MEAT ING	4.41E-02	5.86E-01	9.35E-02	9.35E-02	1.18E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.43E+01	3.94E+01	7.01E+01	3.45E+00	4.07E+00	3.37E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.76E+00	3.09E+01	5.56E+01	1.71E-01	1.82E-01	3.09E+01
ADULT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
ADULT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
ADULT	VEG. ING	4.41E-01	5.71E+00	5.19E-01	5.19E-01	1.30E+00	0.00E+00
ADULT	MEAT ING	7.72E-02	1.03E+00	1.63E-01	1.63E-01	2.06E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.31E+01	4.04E+01	5.91E+01	3.63E+00	4.47E+00	3.37E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.45E+01	3.51E+01	2.70E+02	9.64E-01	1.07E+00	0.00E+00
INFANT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
INFANT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.47E+01	3.54E+01	2.70E+02	1.21E+00	1.31E+00	2.47E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.68E+01	3.03E+01	1.30E+02	4.04E-01	4.09E-01	0.00E+00
CHILD	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
CHILD	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
CHILD	VEG. ING	1.96E-01	2.55E+00	2.30E-01	2.30E-01	5.78E-01	0.00E+00
CHILD	MEAT ING	2.73E-02	3.63E-01	5.75E-02	5.75E-02	7.29E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.73E+01	3.35E+01	1.30E+02	9.39E-01	1.31E+00	2.47E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.39E+00	3.22E+01	6.76E+01	1.91E-01	2.24E-01	0.00E+00
TEENAGE	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
TEENAGE	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
TEENAGE	VEG. ING	3.21E-01	4.17E+00	3.73E-01	3.73E-01	9.47E-01	0.00E+00
TEENAGE	MEAT ING	4.43E-02	5.89E-01	9.34E-02	9.34E-02	1.18E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.00E+01	3.72E+01	6.83E+01	9.05E-01	1.54E+00	2.47E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.99E+00	3.12E+01	5.63E+01	1.60E-01	1.78E-01	0.00E+00
ADULT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
ADULT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
ADULT	VEG. ING	4.43E-01	5.75E+00	5.16E-01	5.16E-01	1.31E+00	0.00E+00
ADULT	MEAT ING	7.74E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.76E+00	3.83E+01	5.72E+01	1.09E+00	1.94E+00	2.47E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.66E+01	3.51E+01	2.70E+02	1.01E+00	1.08E+00	3.55E+01
INFANT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.94E+01	3.79E+01	2.73E+02	3.78E+00	3.86E+00	3.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.90E+01	3.03E+01	1.30E+02	4.23E-01	4.17E-01	3.55E+01
CHILD	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	1.97E-01	2.55E+00	2.33E-01	2.33E-01	5.80E-01	0.00E+00
CHILD	MEAT ING	2.74E-02	3.64E-01	5.79E-02	5.79E-02	7.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+01	3.60E+01	1.33E+02	3.49E+00	3.85E+00	3.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.15E+01	3.22E+01	6.76E+01	1.99E-01	2.28E-01	3.55E+01
TEENAGE	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	3.22E-01	4.18E+00	3.77E-01	3.77E-01	9.50E-01	0.00E+00
TEENAGE	MEAT ING	4.45E-02	5.91E-01	9.40E-02	9.40E-02	1.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.47E+01	3.98E+01	7.08E+01	3.45E+00	4.07E+00	3.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	3.12E+01	5.63E+01	1.67E-01	1.81E-01	3.55E+01
ADULT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	4.44E-01	5.76E+00	5.21E-01	5.21E-01	1.31E+00	0.00E+00
ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.34E+01	4.08E+01	5.97E+01	3.63E+00	4.48E+00	3.83E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.59E+01	2.63E+01	2.03E+02	7.23E-01	8.00E-01	0.00E+00
INFANT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.61E+01	2.65E+01	2.03E+02	9.09E-01	9.86E-01	1.86E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.26E+01	2.28E+01	9.75E+01	3.03E-01	3.07E-01	0.00E+00
CHILD	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
CHILD	VEG. ING	1.47E-01	1.91E+00	1.73E-01	1.73E-01	4.34E-01	0.00E+00
CHILD	MEAT ING	2.05E-02	2.72E-01	4.32E-02	4.32E-02	5.47E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.30E+01	2.51E+01	9.79E+01	7.05E-01	9.82E-01	1.86E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.05E+00	2.42E+01	5.08E+01	1.43E-01	1.68E-01	0.00E+00
TEENAGE	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
TEENAGE	VEG. ING	2.41E-01	3.13E+00	2.80E-01	2.80E-01	7.11E-01	0.00E+00
TEENAGE	MEAT ING	3.33E-02	4.42E-01	7.01E-02	7.01E-02	8.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.51E+00	2.79E+01	5.13E+01	6.79E-01	1.15E+00	1.86E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.00E+00	2.34E+01	4.23E+01	1.20E-01	1.33E-01	0.00E+00
ADULT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
ADULT	VEG. ING	3.32E-01	4.31E+00	3.87E-01	3.87E-01	9.83E-01	0.00E+00
ADULT	MEAT ING	5.81E-02	7.73E-01	1.22E-01	1.22E-01	1.55E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.58E+00	2.87E+01	4.30E+01	8.15E-01	1.46E+00	1.86E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.71E+01	2.64E+01	2.03E+02	7.76E-01	8.21E-01	1.98E+01
INFANT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
INFANT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.92E+01	2.85E+01	2.05E+02	2.87E+00	2.91E+00	2.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.38E+01	2.28E+01	9.75E+01	3.26E-01	3.17E-01	1.98E+01
CHILD	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
CHILD	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
CHILD	VEG. ING	1.48E-01	1.92E+00	1.76E-01	1.76E-01	4.36E-01	0.00E+00
CHILD	MEAT ING	2.06E-02	2.74E-01	4.36E-02	4.36E-02	5.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.61E+01	2.70E+01	9.98E+01	2.64E+00	2.90E+00	2.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.24E+00	2.42E+01	5.08E+01	1.53E-01	1.73E-01	1.98E+01
TEENAGE	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
TEENAGE	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
TEENAGE	VEG. ING	2.42E-01	3.14E+00	2.84E-01	2.84E-01	7.15E-01	0.00E+00
TEENAGE	MEAT ING	3.35E-02	4.45E-01	7.08E-02	7.08E-02	8.94E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	2.99E+01	5.32E+01	2.60E+00	3.07E+00	2.19E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.19E+00	2.34E+01	4.23E+01	1.29E-01	1.37E-01	1.98E+01
ADULT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
ADULT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
ADULT	VEG. ING	3.34E-01	4.33E+00	3.93E-01	3.93E-01	9.88E-01	0.00E+00
ADULT	MEAT ING	5.85E-02	7.78E-01	1.24E-01	1.24E-01	1.56E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.67E+00	3.07E+01	4.49E+01	2.74E+00	3.37E+00	2.19E+01

1REGION: D[redacted] Burdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 17 NAME=SF N X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.46E+01	2.51E+01	1.93E+02	6.88E-01	7.60E-01	0.00E+00
INFANT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
INFANT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.48E+01	2.52E+01	1.93E+02	8.64E-01	9.36E-01	1.76E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.20E+01	2.16E+01	9.25E+01	2.88E-01	2.92E-01	0.00E+00
CHILD	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
CHILD	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
CHILD	VEG. ING	1.40E-01	1.82E+00	1.64E-01	1.64E-01	4.12E-01	0.00E+00
CHILD	MEAT ING	1.95E-02	2.59E-01	4.10E-02	4.10E-02	5.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.23E+01	2.39E+01	9.29E+01	6.70E-01	9.32E-01	1.76E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.69E+00	2.30E+01	4.82E+01	1.36E-01	1.60E-01	0.00E+00
TEENAGE	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
TEENAGE	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
TEENAGE	VEG. ING	2.29E-01	2.97E+00	2.66E-01	2.66E-01	6.75E-01	0.00E+00
TEENAGE	MEAT ING	3.16E-02	4.20E-01	6.66E-02	6.66E-02	8.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.13E+00	2.65E+01	4.87E+01	6.45E-01	1.10E+00	1.76E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.69E+00	2.23E+01	4.01E+01	1.14E-01	1.27E-01	0.00E+00
ADULT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
ADULT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
ADULT	VEG. ING	3.16E-01	4.10E+00	3.68E-01	3.68E-01	9.33E-01	0.00E+00
ADULT	MEAT ING	5.52E-02	7.35E-01	1.16E-01	1.16E-01	1.47E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.24E+00	2.73E+01	4.08E+01	7.75E-01	1.38E+00	1.76E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 17 NAME=SF N X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.62E+01	2.51E+01	1.93E+02	7.20E-01	7.73E-01	2.64E+01
INFANT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
INFANT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.81E+01	2.70E+01	1.94E+02	2.68E+00	2.73E+00	2.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.16E+01	9.25E+01	3.03E-01	2.98E-01	2.64E+01
CHILD	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
CHILD	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
CHILD	VEG. ING	1.40E-01	1.82E+00	1.66E-01	1.66E-01	4.14E-01	0.00E+00
CHILD	MEAT ING	1.96E-02	2.60E-01	4.13E-02	4.13E-02	5.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.57E+01	2.57E+01	9.46E+01	2.47E+00	2.72E+00	2.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.28E+00	2.30E+01	4.82E+01	1.42E-01	1.63E-01	2.64E+01
TEENAGE	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
TEENAGE	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
TEENAGE	VEG. ING	2.30E-01	2.98E+00	2.69E-01	2.69E-01	6.78E-01	0.00E+00
TEENAGE	MEAT ING	3.17E-02	4.22E-01	6.71E-02	6.71E-02	8.47E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.05E+01	2.83E+01	5.05E+01	2.43E+00	2.88E+00	2.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.28E+00	2.23E+01	4.01E+01	1.19E-01	1.29E-01	2.64E+01
ADULT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
ADULT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
ADULT	VEG. ING	3.17E-01	4.11E+00	3.72E-01	3.72E-01	9.36E-01	0.00E+00
ADULT	MEAT ING	5.55E-02	7.37E-01	1.17E-01	1.17E-01	1.48E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.61E+00	2.91E+01	4.25E+01	2.56E+00	3.17E+00	2.83E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 18 NAME=SF NNE X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.76E+01	2.81E+01	2.16E+02	7.71E-01	8.52E-01	0.00E+00
INFANT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
INFANT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.78E+01	2.83E+01	2.16E+02	9.69E-01	1.05E+00	1.98E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.34E+01	2.43E+01	1.04E+02	3.23E-01	3.27E-01	0.00E+00
CHILD	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
CHILD	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
CHILD	VEG. ING	1.57E-01	2.04E+00	1.84E-01	1.84E-01	4.62E-01	0.00E+00
CHILD	MEAT ING	2.18E-02	2.90E-01	4.60E-02	4.60E-02	5.83E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.68E+01	1.04E+02	7.51E-01	1.05E+00	1.98E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.51E+00	2.58E+01	5.40E+01	1.53E-01	1.79E-01	0.00E+00
TEENAGE	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
TEENAGE	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
TEENAGE	VEG. ING	2.57E-01	3.33E+00	2.98E-01	2.98E-01	7.57E-01	0.00E+00
TEENAGE	MEAT ING	3.54E-02	4.71E-01	7.47E-02	7.47E-02	9.46E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.00E+00	2.98E+01	5.46E+01	7.23E-01	1.23E+00	1.98E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.38E+00	2.50E+01	4.50E+01	1.28E-01	1.42E-01	0.00E+00
ADULT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
ADULT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
ADULT	VEG. ING	3.54E-01	4.59E+00	4.12E-01	4.12E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.19E-02	8.24E-01	1.31E-01	1.31E-01	1.65E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.00E+00	3.06E+01	4.57E+01	8.69E-01	1.55E+00	1.98E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 18 NAME=SF NNE X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.91E+01	2.81E+01	2.16E+02	8.03E-01	8.65E-01	2.52E+01
INFANT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
INFANT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.13E+01	3.03E+01	2.18E+02	2.99E+00	3.05E+00	2.74E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.43E+01	1.04E+02	3.37E-01	3.33E-01	2.52E+01
CHILD	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
CHILD	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
CHILD	VEG. ING	1.57E-01	2.04E+00	1.86E-01	1.86E-01	4.64E-01	0.00E+00
CHILD	MEAT ING	2.19E-02	2.91E-01	4.63E-02	4.63E-02	5.85E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.73E+01	2.88E+01	1.06E+02	2.75E+00	3.04E+00	2.74E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.02E+00	2.58E+01	5.40E+01	1.59E-01	1.82E-01	2.52E+01
TEENAGE	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
TEENAGE	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
TEENAGE	VEG. ING	2.58E-01	3.34E+00	3.01E-01	3.01E-01	7.59E-01	0.00E+00
TEENAGE	MEAT ING	3.56E-02	4.73E-01	7.52E-02	7.52E-02	9.49E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	3.18E+01	5.66E+01	2.72E+00	3.22E+00	2.74E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.90E+00	2.50E+01	4.50E+01	1.33E-01	1.44E-01	2.52E+01
ADULT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
ADULT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
ADULT	VEG. ING	3.55E-01	4.61E+00	4.16E-01	4.16E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.22E-02	8.26E-01	1.31E-01	1.31E-01	1.66E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.05E+01	3.26E+01	4.77E+01	2.86E+00	3.54E+00	2.74E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.63E+01	2.68E+01	2.06E+02	7.36E-01	8.14E-01	0.00E+00
INFANT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
INFANT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.65E+01	2.70E+01	2.06E+02	9.25E-01	1.00E+00	1.89E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.28E+01	2.32E+01	9.90E+01	3.08E-01	3.12E-01	0.00E+00
CHILD	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
CHILD	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
CHILD	VEG. ING	1.50E-01	1.94E+00	1.76E-01	1.76E-01	4.41E-01	0.00E+00
CHILD	MEAT ING	2.08E-02	2.77E-01	4.39E-02	4.39E-02	5.56E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+01	2.56E+01	9.94E+01	7.17E-01	9.98E-01	1.89E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.17E+00	2.46E+01	5.16E+01	1.46E-01	1.71E-01	0.00E+00
TEENAGE	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
TEENAGE	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
TEENAGE	VEG. ING	2.45E-01	3.18E+00	2.85E-01	2.85E-01	7.23E-01	0.00E+00
TEENAGE	MEAT ING	3.38E-02	4.50E-01	7.13E-02	7.13E-02	9.03E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.64E+00	2.84E+01	5.21E+01	6.91E-01	1.17E+00	1.89E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.10E+00	2.39E+01	4.29E+01	1.22E-01	1.36E-01	0.00E+00
ADULT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
ADULT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
ADULT	VEG. ING	3.38E-01	4.39E+00	3.94E-01	3.94E-01	9.99E-01	0.00E+00
ADULT	MEAT ING	5.91E-02	7.86E-01	1.25E-01	1.25E-01	1.58E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.68E+00	2.92E+01	4.36E+01	8.30E-01	1.48E+00	1.89E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.79E+01	2.68E+01	2.06E+02	7.69E-01	8.27E-01	2.65E+01
INFANT	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
INFANT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.00E+01	2.89E+01	2.08E+02	2.86E+00	2.92E+00	2.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.44E+01	2.32E+01	9.90E+01	3.23E-01	3.18E-01	2.65E+01
CHILD	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
CHILD	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
CHILD	VEG. ING	1.50E-01	1.95E+00	1.78E-01	1.78E-01	4.43E-01	0.00E+00
CHILD	MEAT ING	2.09E-02	2.78E-01	4.42E-02	4.42E-02	5.59E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.67E+01	2.75E+01	1.01E+02	2.64E+00	2.91E+00	2.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.76E+00	2.46E+01	5.16E+01	1.52E-01	1.74E-01	2.65E+01
TEENAGE	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
TEENAGE	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
TEENAGE	VEG. ING	2.46E-01	3.19E+00	2.88E-01	2.88E-01	7.25E-01	0.00E+00
TEENAGE	MEAT ING	3.40E-02	4.52E-01	7.18E-02	7.18E-02	9.07E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.11E+01	3.03E+01	5.40E+01	2.60E+00	3.08E+00	2.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.69E+00	2.39E+01	4.29E+01	1.28E-01	1.38E-01	2.65E+01
ADULT	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
ADULT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
ADULT	VEG. ING	3.39E-01	4.40E+00	3.98E-01	3.98E-01	1.00E+00	0.00E+00
ADULT	MEAT ING	5.94E-02	7.89E-01	1.25E-01	1.25E-01	1.58E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.02E+01	3.11E+01	4.55E+01	2.74E+00	3.39E+00	2.86E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.24E+01	2.28E+01	1.76E+02	6.27E-01	6.93E-01	0.00E+00
INFANT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
INFANT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.26E+01	2.30E+01	1.76E+02	7.88E-01	8.54E-01	1.61E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+01	1.97E+01	8.43E+01	2.63E-01	2.66E-01	0.00E+00
CHILD	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
CHILD	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
CHILD	VEG. ING	1.28E-01	1.65E+00	1.50E-01	1.50E-01	3.76E-01	0.00E+00
CHILD	MEAT ING	1.77E-02	2.36E-01	3.74E-02	3.74E-02	4.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.12E+01	2.18E+01	8.47E+01	6.11E-01	8.50E-01	1.61E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.10E+00	2.09E+01	4.39E+01	1.24E-01	1.46E-01	0.00E+00
TEENAGE	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
TEENAGE	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
TEENAGE	VEG. ING	2.09E-01	2.71E+00	2.43E-01	2.43E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	2.88E-02	3.83E-01	6.07E-02	6.07E-02	7.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.50E+00	2.42E+01	4.44E+01	5.88E-01	9.99E-01	1.61E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.19E+00	2.03E+01	3.66E+01	1.04E-01	1.16E-01	0.00E+00
ADULT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
ADULT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
ADULT	VEG. ING	2.88E-01	3.74E+00	3.35E-01	3.35E-01	8.51E-01	0.00E+00
ADULT	MEAT ING	5.04E-02	6.70E-01	1.06E-01	1.06E-01	1.34E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.69E+00	2.49E+01	3.72E+01	7.06E-01	1.26E+00	1.61E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.38E+01	2.28E+01	1.76E+02	6.62E-01	7.07E-01	2.26E+01
INFANT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
INFANT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.56E+01	2.46E+01	1.77E+02	2.45E+00	2.50E+00	2.44E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	1.97E+01	8.43E+01	2.78E-01	2.72E-01	2.26E+01
CHILD	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
CHILD	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
CHILD	VEG. ING	1.28E-01	1.66E+00	1.52E-01	1.52E-01	3.77E-01	0.00E+00
CHILD	MEAT ING	1.78E-02	2.37E-01	3.77E-02	3.77E-02	4.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.42E+01	2.34E+01	8.63E+01	2.26E+00	2.49E+00	2.44E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.46E+00	2.10E+01	4.39E+01	1.31E-01	1.49E-01	2.26E+01
TEENAGE	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
TEENAGE	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
TEENAGE	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01	0.00E+00
TEENAGE	MEAT ING	2.90E-02	3.85E-01	6.12E-02	6.12E-02	7.73E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.49E+00	2.58E+01	4.60E+01	2.23E+00	2.63E+00	2.44E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.55E+00	2.03E+01	3.66E+01	1.10E-01	1.18E-01	2.26E+01
ADULT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
ADULT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
ADULT	VEG. ING	2.89E-01	3.75E+00	3.39E-01	3.39E-01	8.54E-01	0.00E+00
ADULT	MEAT ING	5.06E-02	6.73E-01	1.07E-01	1.07E-01	1.35E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.68E+00	2.65E+01	3.88E+01	2.35E+00	2.90E+00	2.44E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 21 NAME=SF E X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.00E+01	3.06E+01	2.35E+02	8.40E-01	9.29E-01	0.00E+00
INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
INFANT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.03E+01	3.08E+01	2.36E+02	1.06E+00	1.14E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.47E+01	2.64E+01	1.13E+02	3.52E-01	3.56E-01	0.00E+00
CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
CHILD	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.04E-01	0.00E+00
CHILD	MEAT ING	2.38E-02	3.16E-01	5.01E-02	5.01E-02	6.35E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.92E+01	1.13E+02	8.18E-01	1.14E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.18E+00	2.81E+01	5.89E+01	1.66E-01	1.95E-01	0.00E+00
TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
TEENAGE	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
TEENAGE	VEG. ING	2.80E-01	3.63E+00	3.25E-01	3.25E-01	8.25E-01	0.00E+00
TEENAGE	MEAT ING	3.86E-02	5.14E-01	8.14E-02	8.14E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.72E+00	3.24E+01	5.95E+01	7.88E-01	1.34E+00	2.16E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.96E+00	2.72E+01	4.90E+01	1.40E-01	1.55E-01	0.00E+00
ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
ADULT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
ADULT	VEG. ING	3.86E-01	5.01E+00	4.49E-01	4.49E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.75E-02	8.98E-01	1.42E-01	1.42E-01	1.80E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.63E+00	3.33E+01	4.98E+01	9.47E-01	1.69E+00	2.16E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 21 NAME=SF E X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.20E+01	3.06E+01	2.35E+02	8.75E-01	9.42E-01	3.28E+01
INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
INFANT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.30E+01	2.38E+02	3.27E+00	3.34E+00	3.52E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	2.64E+01	1.13E+02	3.68E-01	3.63E-01	3.28E+01
CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
CHILD	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
CHILD	VEG. ING	1.71E-01	2.22E+00	2.03E-01	2.03E-01	5.05E-01	0.00E+00
CHILD	MEAT ING	2.39E-02	3.17E-01	5.05E-02	5.05E-02	6.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.14E+01	1.16E+02	3.02E+00	3.33E+00	3.52E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	2.81E+01	5.89E+01	1.73E-01	1.98E-01	3.28E+01
TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
TEENAGE	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
TEENAGE	VEG. ING	2.81E-01	3.64E+00	3.28E-01	3.28E-01	8.28E-01	0.00E+00
TEENAGE	MEAT ING	3.88E-02	5.15E-01	8.19E-02	8.19E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.29E+01	3.46E+01	6.17E+01	2.98E+00	3.52E+00	3.52E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.93E+00	2.72E+01	4.90E+01	1.45E-01	1.58E-01	3.28E+01
ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
ADULT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
ADULT	VEG. ING	3.87E-01	5.02E+00	4.53E-01	4.53E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.78E-02	9.01E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.18E+01	3.55E+01	5.20E+01	3.14E+00	3.88E+00	3.52E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.53E+01	2.58E+01	1.98E+02	7.07E-01	7.81E-01	0.00E+00
INFANT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
INFANT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.55E+01	2.59E+01	1.98E+02	8.88E-01	9.63E-01	1.81E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	2.22E+01	9.51E+01	2.96E-01	3.00E-01	0.00E+00
CHILD	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
CHILD	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
CHILD	VEG. ING	1.44E-01	1.87E+00	1.69E-01	1.69E-01	4.24E-01	0.00E+00
CHILD	MEAT ING	2.00E-02	2.66E-01	4.22E-02	4.22E-02	5.34E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.46E+01	9.55E+01	6.89E-01	9.59E-01	1.81E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.88E+00	2.36E+01	4.96E+01	1.40E-01	1.64E-01	0.00E+00
TEENAGE	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
TEENAGE	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
TEENAGE	VEG. ING	2.35E-01	3.06E+00	2.74E-01	2.74E-01	6.94E-01	0.00E+00
TEENAGE	MEAT ING	3.25E-02	4.32E-01	6.85E-02	6.85E-02	8.67E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.33E+00	2.73E+01	5.01E+01	6.63E-01	1.13E+00	1.81E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.86E+00	2.29E+01	4.12E+01	1.17E-01	1.30E-01	0.00E+00
ADULT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
ADULT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
ADULT	VEG. ING	3.25E-01	4.21E+00	3.78E-01	3.78E-01	9.59E-01	0.00E+00
ADULT	MEAT ING	5.68E-02	7.55E-01	1.20E-01	1.20E-01	1.52E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.42E+00	2.81E+01	4.19E+01	7.97E-01	1.42E+00	1.81E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.75E+01	2.58E+01	1.98E+02	8.25E-01	8.27E-01	3.67E+01
INFANT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.96E+01	2.79E+01	2.00E+02	2.98E+00	2.99E+00	3.89E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.23E+01	9.51E+01	3.49E-01	3.21E-01	3.67E+01
CHILD	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
CHILD	VEG. ING	1.46E-01	1.89E+00	1.75E-01	1.75E-01	4.29E-01	0.00E+00
CHILD	MEAT ING	2.03E-02	2.70E-01	4.33E-02	4.33E-02	5.43E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.66E+01	9.75E+01	2.73E+00	2.96E+00	3.89E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.09E+00	2.37E+01	4.96E+01	1.62E-01	1.75E-01	3.67E+01
TEENAGE	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
TEENAGE	VEG. ING	2.38E-01	3.09E+00	2.83E-01	2.83E-01	7.03E-01	0.00E+00
TEENAGE	MEAT ING	3.30E-02	4.38E-01	7.02E-02	7.02E-02	8.81E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	2.93E+01	5.21E+01	2.68E+00	3.12E+00	3.89E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.06E+00	2.29E+01	4.12E+01	1.36E-01	1.39E-01	3.67E+01
ADULT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
ADULT	VEG. ING	3.29E-01	4.26E+00	3.92E-01	3.92E-01	9.71E-01	0.00E+00
ADULT	MEAT ING	5.77E-02	7.65E-01	1.23E-01	1.23E-01	1.54E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	3.01E+01	4.39E+01	2.81E+00	3.42E+00	3.89E+01

1REGION: D[illegible]Burdock CODE: MILDOS-AREA (02/97) PAGE [illegible]
METSET: DATA: DB.MIL 08/21[illegible]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.68E+01	3.75E+01	2.89E+02	1.03E+00	1.14E+00	0.00E+00
INFANT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
INFANT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.71E+01	3.78E+01	2.89E+02	1.29E+00	1.40E+00	2.64E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.80E+01	3.24E+01	1.39E+02	4.31E-01	4.37E-01	0.00E+00
CHILD	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
CHILD	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
CHILD	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01	0.00E+00
CHILD	MEAT ING	2.92E-02	3.88E-01	6.15E-02	6.15E-02	7.78E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.85E+01	3.58E+01	1.39E+02	1.00E+00	1.40E+00	2.64E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	3.44E+01	7.22E+01	2.04E-01	2.39E-01	0.00E+00
TEENAGE	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
TEENAGE	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
TEENAGE	VEG. ING	3.43E-01	4.45E+00	3.99E-01	3.99E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.73E-02	6.30E-01	9.98E-02	9.98E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.07E+01	3.98E+01	7.30E+01	9.66E-01	1.64E+00	2.64E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.53E+00	3.34E+01	6.01E+01	1.71E-01	1.90E-01	0.00E+00
ADULT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
ADULT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
ADULT	VEG. ING	4.73E-01	6.14E+00	5.51E-01	5.51E-01	1.40E+00	0.00E+00
ADULT	MEAT ING	8.27E-02	1.10E+00	1.74E-01	1.74E-01	2.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.35E+00	4.09E+01	6.11E+01	1.16E+00	2.07E+00	2.64E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.94E+01	3.75E+01	2.89E+02	1.11E+00	1.17E+00	4.32E+01
INFANT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
INFANT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.25E+01	4.06E+01	2.92E+02	4.14E+00	4.20E+00	4.63E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.06E+01	3.24E+01	1.39E+02	4.67E-01	4.51E-01	4.32E+01
CHILD	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
CHILD	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	VEG. ING	2.11E-01	2.73E+00	2.50E-01	2.50E-01	6.21E-01	0.00E+00
CHILD	MEAT ING	2.94E-02	3.90E-01	6.22E-02	6.22E-02	7.84E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.38E+01	3.86E+01	1.42E+02	3.81E+00	4.18E+00	4.63E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.26E+01	3.44E+01	7.22E+01	2.19E-01	2.47E-01	4.32E+01
TEENAGE	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
TEENAGE	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	VEG. ING	3.45E-01	4.48E+00	4.05E-01	4.05E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.77E-02	6.33E-01	1.01E-01	1.01E-01	1.27E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.60E+01	4.26E+01	7.57E+01	3.75E+00	4.42E+00	4.63E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.11E+01	3.34E+01	6.01E+01	1.84E-01	1.96E-01	4.32E+01
ADULT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
ADULT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	VEG. ING	4.76E-01	6.17E+00	5.60E-01	5.60E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.33E-02	1.11E+00	1.76E-01	1.76E-01	2.22E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.47E+01	4.37E+01	6.39E+01	3.95E+00	4.85E+00	4.63E+01

1REGION: D[redacted]Burdock CODE: MILDOS-AREA (02/97) PAGE[redacted]
METSET: DATA: DB.MIL 08/21[redacted]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.42E+01	1.44E+01	1.11E+02	3.96E-01	4.38E-01	0.00E+00
INFANT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
INFANT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.43E+01	1.45E+01	1.11E+02	4.97E-01	5.39E-01	1.02E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.91E+00	1.25E+01	5.33E+01	1.66E-01	1.68E-01	0.00E+00
CHILD	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
CHILD	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
CHILD	VEG. ING	8.06E-02	1.05E+00	9.46E-02	9.46E-02	2.37E-01	0.00E+00
CHILD	MEAT ING	1.12E-02	1.49E-01	2.36E-02	2.36E-02	2.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.10E+00	1.38E+01	5.35E+01	3.86E-01	5.37E-01	1.02E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.86E+00	1.32E+01	2.78E+01	7.83E-02	9.20E-02	0.00E+00
TEENAGE	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
TEENAGE	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
TEENAGE	VEG. ING	1.32E-01	1.71E+00	1.53E-01	1.53E-01	3.89E-01	0.00E+00
TEENAGE	MEAT ING	1.82E-02	2.42E-01	3.84E-02	3.84E-02	4.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.11E+00	1.53E+01	2.81E+01	3.72E-01	6.31E-01	1.02E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.28E+00	1.28E+01	2.31E+01	6.58E-02	7.30E-02	0.00E+00
ADULT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
ADULT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
ADULT	VEG. ING	1.82E-01	2.36E+00	2.12E-01	2.12E-01	5.37E-01	0.00E+00
ADULT	MEAT ING	3.18E-02	4.23E-01	6.70E-02	6.70E-02	8.49E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.60E+00	1.57E+01	2.35E+01	4.46E-01	7.97E-01	1.02E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.57E+01	1.44E+01	1.11E+02	5.17E-01	4.85E-01	2.48E+01
INFANT	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.69E+01	1.57E+01	1.12E+02	1.77E+00	1.74E+00	2.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.40E+00	1.25E+01	5.33E+01	2.19E-01	1.90E-01	2.48E+01
CHILD	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	8.24E-02	1.07E+00	1.01E-01	1.01E-01	2.42E-01	0.00E+00
CHILD	MEAT ING	1.15E-02	1.53E-01	2.47E-02	2.47E-02	3.08E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.75E+00	1.49E+01	5.47E+01	1.60E+00	1.72E+00	2.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.35E+00	1.33E+01	2.78E+01	1.01E-01	1.03E-01	2.48E+01
TEENAGE	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.35E-01	1.75E+00	1.63E-01	1.63E-01	3.97E-01	0.00E+00
TEENAGE	MEAT ING	1.87E-02	2.48E-01	4.01E-02	4.01E-02	5.00E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.76E+00	1.65E+01	2.92E+01	1.56E+00	1.81E+00	2.60E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.77E+00	1.29E+01	2.31E+01	8.49E-02	8.22E-02	2.48E+01
ADULT	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.86E-01	2.41E+00	2.26E-01	2.26E-01	5.49E-01	0.00E+00
ADULT	MEAT ING	3.27E-02	4.33E-01	7.01E-02	7.01E-02	8.74E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.24E+00	1.70E+01	2.47E+01	1.64E+00	1.97E+00	2.60E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 25 NAME=SF SSW X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.84E+01	1.88E+01	1.44E+02	5.15E-01	5.70E-01	0.00E+00
INFANT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
INFANT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.86E+01	1.89E+01	1.45E+02	6.48E-01	7.02E-01	1.32E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.99E+00	1.62E+01	6.94E+01	2.16E-01	2.19E-01	0.00E+00
CHILD	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
CHILD	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
CHILD	VEG. ING	1.05E-01	1.36E+00	1.23E-01	1.23E-01	3.09E-01	0.00E+00
CHILD	MEAT ING	1.46E-02	1.94E-01	3.08E-02	3.08E-02	3.90E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.24E+00	1.79E+01	6.96E+01	5.02E-01	6.99E-01	1.32E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.02E+00	1.72E+01	3.61E+01	1.02E-01	1.20E-01	0.00E+00
TEENAGE	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
TEENAGE	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
TEENAGE	VEG. ING	1.72E-01	2.23E+00	2.00E-01	2.00E-01	5.06E-01	0.00E+00
TEENAGE	MEAT ING	2.37E-02	3.15E-01	4.99E-02	4.99E-02	6.32E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.35E+00	1.99E+01	3.65E+01	4.84E-01	8.22E-01	1.32E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.27E+00	1.67E+01	3.01E+01	8.56E-02	9.50E-02	0.00E+00
ADULT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
ADULT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
ADULT	VEG. ING	2.37E-01	3.07E+00	2.76E-01	2.76E-01	7.00E-01	0.00E+00
ADULT	MEAT ING	4.14E-02	5.51E-01	8.73E-02	8.73E-02	1.11E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.68E+00	2.05E+01	3.06E+01	5.81E-01	1.04E+00	1.32E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 25 NAME=SF SSW X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.97E+01	1.88E+01	1.44E+02	5.78E-01	5.94E-01	2.14E+01
INFANT	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.13E+01	2.03E+01	1.46E+02	2.11E+00	2.13E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.03E+01	1.62E+01	6.94E+01	2.44E-01	2.30E-01	2.14E+01
CHILD	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	1.06E-01	1.37E+00	1.26E-01	1.26E-01	3.12E-01	0.00E+00
CHILD	MEAT ING	1.48E-02	1.96E-01	3.13E-02	3.13E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.19E+01	1.93E+01	7.10E+01	1.94E+00	2.12E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.31E+00	1.72E+01	3.61E+01	1.14E-01	1.25E-01	2.14E+01
TEENAGE	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	1.73E-01	2.25E+00	2.05E-01	2.05E-01	5.11E-01	0.00E+00
TEENAGE	MEAT ING	2.40E-02	3.18E-01	5.09E-02	5.09E-02	6.40E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.04E+00	2.13E+01	3.79E+01	1.90E+00	2.23E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.56E+00	1.67E+01	3.01E+01	9.56E-02	9.98E-02	2.14E+01
ADULT	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	2.39E-01	3.10E+00	2.83E-01	2.83E-01	7.06E-01	0.00E+00
ADULT	MEAT ING	4.19E-02	5.56E-01	8.89E-02	8.89E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.37E+00	2.19E+01	3.20E+01	2.00E+00	2.45E+00	2.30E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.07E+01	3.13E+01	2.41E+02	8.60E-01	9.50E-01	0.00E+00
INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
INFANT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.09E+01	3.15E+01	2.41E+02	1.08E+00	1.17E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.70E+01	1.16E+02	3.60E-01	3.65E-01	0.00E+00
CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
CHILD	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
CHILD	VEG. ING	1.75E-01	2.27E+00	2.05E-01	2.05E-01	5.15E-01	0.00E+00
CHILD	MEAT ING	2.43E-02	3.24E-01	5.13E-02	5.13E-02	6.49E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.54E+01	2.99E+01	1.16E+02	8.37E-01	1.17E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.37E+00	2.87E+01	6.02E+01	1.70E-01	2.00E-01	0.00E+00
TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
TEENAGE	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
TEENAGE	VEG. ING	2.86E-01	3.72E+00	3.33E-01	3.33E-01	8.44E-01	0.00E+00
TEENAGE	MEAT ING	3.95E-02	5.25E-01	8.33E-02	8.33E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.91E+00	3.32E+01	6.09E+01	8.07E-01	1.37E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.12E+00	2.79E+01	5.01E+01	1.43E-01	1.58E-01	0.00E+00
ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
ADULT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
ADULT	VEG. ING	3.95E-01	5.12E+00	4.60E-01	4.60E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.91E-02	9.18E-01	1.46E-01	1.46E-01	1.84E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.80E+00	3.41E+01	5.09E+01	9.69E-01	1.73E+00	2.20E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+01	3.13E+01	2.41E+02	9.01E-01	9.66E-01	2.03E+01
INFANT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
INFANT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.38E+01	2.43E+02	3.34E+00	3.41E+00	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.62E+01	2.71E+01	1.16E+02	3.79E-01	3.72E-01	2.03E+01
CHILD	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
CHILD	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
CHILD	VEG. ING	1.76E-01	2.28E+00	2.08E-01	2.08E-01	5.17E-01	0.00E+00
CHILD	MEAT ING	2.45E-02	3.25E-01	5.17E-02	5.17E-02	6.53E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.89E+01	3.21E+01	1.18E+02	3.08E+00	3.40E+00	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.59E+00	2.87E+01	6.02E+01	1.78E-01	2.03E-01	2.03E+01
TEENAGE	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
TEENAGE	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
TEENAGE	VEG. ING	2.87E-01	3.73E+00	3.36E-01	3.36E-01	8.47E-01	0.00E+00
TEENAGE	MEAT ING	3.97E-02	5.27E-01	8.39E-02	8.39E-02	1.06E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.24E+01	3.54E+01	6.31E+01	3.04E+00	3.60E+00	2.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.34E+00	2.79E+01	5.01E+01	1.49E-01	1.62E-01	2.03E+01
ADULT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
ADULT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
ADULT	VEG. ING	3.96E-01	5.14E+00	4.65E-01	4.65E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.94E-02	9.22E-01	1.47E-01	1.47E-01	1.85E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.12E+01	3.64E+01	5.32E+01	3.20E+00	3.96E+00	2.28E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.65E+01	3.72E+01	2.86E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
INFANT	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.68E+01	3.75E+01	2.86E+02	1.28E+00	1.39E+00	2.62E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.78E+01	3.21E+01	1.37E+02	4.28E-01	4.33E-01	0.00E+00
CHILD	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
CHILD	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
CHILD	VEG. ING	2.08E-01	2.70E+00	2.44E-01	2.44E-01	6.12E-01	0.00E+00
CHILD	MEAT ING	2.89E-02	3.85E-01	6.10E-02	6.10E-02	7.72E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.83E+01	3.55E+01	1.38E+02	9.95E-01	1.38E+00	2.62E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.94E+00	3.41E+01	7.16E+01	2.02E-01	2.37E-01	0.00E+00
TEENAGE	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
TEENAGE	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
TEENAGE	VEG. ING	3.40E-01	4.42E+00	3.95E-01	3.95E-01	1.00E+00	0.00E+00
TEENAGE	MEAT ING	4.69E-02	6.24E-01	9.90E-02	9.90E-02	1.25E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.94E+01	7.23E+01	9.58E-01	1.63E+00	2.62E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.46E+00	3.31E+01	5.96E+01	1.70E-01	1.88E-01	0.00E+00
ADULT	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
ADULT	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
ADULT	VEG. ING	4.69E-01	6.09E+00	5.46E-01	5.46E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.21E-02	1.09E+00	1.73E-01	1.73E-01	2.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.27E+00	4.05E+01	6.05E+01	1.15E+00	2.05E+00	2.62E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.76E+01	3.72E+01	2.86E+02	1.06E+00	1.14E+00	1.83E+01
INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
INFANT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.05E+01	4.01E+01	2.89E+02	3.93E+00	4.01E+00	2.12E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.89E+01	3.21E+01	1.37E+02	4.44E-01	4.40E-01	1.83E+01
CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
CHILD	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
CHILD	VEG. ING	2.08E-01	2.70E+00	2.46E-01	2.46E-01	6.14E-01	0.00E+00
CHILD	MEAT ING	2.90E-02	3.86E-01	6.13E-02	6.13E-02	7.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+01	3.81E+01	1.41E+02	3.62E+00	4.00E+00	2.12E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.10E+01	3.41E+01	7.16E+01	2.09E-01	2.40E-01	1.83E+01
TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
TEENAGE	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.98E-01	3.98E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.95E-02	9.95E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.43E+01	4.21E+01	7.49E+01	3.58E+00	4.24E+00	2.12E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.56E+00	3.31E+01	5.96E+01	1.75E-01	1.91E-01	1.83E+01
ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
ADULT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
ADULT	VEG. ING	4.70E-01	6.10E+00	5.50E-01	5.50E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.23E-02	1.09E+00	1.74E-01	1.74E-01	2.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.30E+01	4.32E+01	6.32E+01	3.77E+00	4.67E+00	2.12E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.03E+01	6.15E+01	4.72E+02	1.69E+00	1.86E+00	0.00E+00
INFANT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
INFANT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.07E+01	6.19E+01	4.73E+02	2.12E+00	2.30E+00	4.33E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.94E+01	5.31E+01	2.27E+02	7.07E-01	7.16E-01	0.00E+00
CHILD	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
CHILD	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
CHILD	VEG. ING	3.43E-01	4.45E+00	4.03E-01	4.03E-01	1.01E+00	0.00E+00
CHILD	MEAT ING	4.78E-02	6.35E-01	1.01E-01	1.01E-01	1.27E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.02E+01	5.86E+01	2.28E+02	1.64E+00	2.29E+00	4.33E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.64E+01	5.64E+01	1.18E+02	3.34E-01	3.92E-01	0.00E+00
TEENAGE	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
TEENAGE	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
TEENAGE	VEG. ING	5.62E-01	7.30E+00	6.53E-01	6.53E-01	1.66E+00	0.00E+00
TEENAGE	MEAT ING	7.76E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.75E+01	6.51E+01	1.19E+02	1.58E+00	2.69E+00	4.33E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.40E+01	5.47E+01	9.84E+01	2.80E-01	3.11E-01	0.00E+00
ADULT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
ADULT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
ADULT	VEG. ING	7.75E-01	1.01E+01	9.03E-01	9.03E-01	2.29E+00	0.00E+00
ADULT	MEAT ING	1.36E-01	1.80E+00	2.86E-01	2.86E-01	3.62E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.53E+01	6.70E+01	1.00E+02	1.90E+00	3.39E+00	4.33E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.14E+01	6.15E+01	4.72E+02	1.72E+00	1.88E+00	1.83E+01
INFANT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
INFANT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.61E+01	6.62E+01	4.77E+02	6.42E+00	6.58E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.05E+01	5.31E+01	2.27E+02	7.22E-01	7.22E-01	1.83E+01
CHILD	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
CHILD	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
CHILD	VEG. ING	3.44E-01	4.46E+00	4.05E-01	4.05E-01	1.01E+00	0.00E+00
CHILD	MEAT ING	4.79E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.56E+01	6.29E+01	2.32E+02	5.93E+00	6.56E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.75E+01	5.64E+01	1.18E+02	3.40E-01	3.95E-01	1.83E+01
TEENAGE	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
TEENAGE	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
TEENAGE	VEG. ING	5.63E-01	7.30E+00	6.56E-01	6.56E-01	1.66E+00	0.00E+00
TEENAGE	MEAT ING	7.77E-02	1.03E+00	1.64E-01	1.64E-01	2.07E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.29E+01	6.94E+01	1.24E+02	5.86E+00	6.96E+00	2.30E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.51E+01	5.47E+01	9.84E+01	2.86E-01	3.13E-01	1.83E+01
ADULT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
ADULT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
ADULT	VEG. ING	7.76E-01	1.01E+01	9.06E-01	9.06E-01	2.29E+00	0.00E+00
ADULT	MEAT ING	1.36E-01	1.81E+00	2.87E-01	2.87E-01	3.62E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.07E+01	7.13E+01	1.04E+02	6.18E+00	7.67E+00	2.30E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+02	2.25E+02	1.73E+03	6.18E+00	6.83E+00	0.00E+00
INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
INFANT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+02	2.27E+02	1.73E+03	7.77E+00	8.42E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.94E+02	8.31E+02	2.59E+00	2.62E+00	0.00E+00
CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
CHILD	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.70E+00	0.00E+00
CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.15E+02	8.34E+02	6.02E+00	8.38E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.02E+01	2.07E+02	4.33E+02	1.22E+00	1.44E+00	0.00E+00
TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
TEENAGE	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00	0.00E+00
TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.41E+01	2.39E+02	4.38E+02	5.80E+00	9.85E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.12E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00	0.00E+00
ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
ADULT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.38E+00	0.00E+00
ADULT	MEAT ING	4.97E-01	6.60E+00	1.05E+00	1.05E+00	1.32E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.61E+01	2.45E+02	3.66E+02	6.96E+00	1.24E+01	1.59E+00

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+02	2.25E+02	1.73E+03	6.21E+00	6.84E+00	2.46E+01
INFANT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
INFANT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.39E+02	2.42E+02	1.75E+03	2.33E+01	2.39E+01	4.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+02	1.95E+02	8.31E+02	2.60E+00	2.63E+00	2.46E+01
CHILD	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
CHILD	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.71E+00	0.00E+00
CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.28E+02	2.30E+02	8.50E+02	2.15E+01	2.39E+01	4.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.16E+01	2.07E+02	4.33E+02	1.23E+00	1.44E+00	2.46E+01
TEENAGE	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
TEENAGE	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00	0.00E+00
TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.10E+01	2.54E+02	4.53E+02	2.13E+01	2.53E+01	4.16E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.26E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00	2.46E+01
ADULT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
ADULT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.39E+00	0.00E+00
ADULT	MEAT ING	4.97E-01	6.61E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.31E+01	2.61E+02	3.82E+02	2.25E+01	2.79E+01	4.16E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 30 NAME=SF NW X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E+02	2.32E+02	1.78E+03	6.35E+00	7.02E+00	0.00E+00
INFANT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
INFANT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.29E+02	2.33E+02	1.78E+03	7.98E+00	8.65E+00	1.63E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.11E+02	2.00E+02	8.54E+02	2.66E+00	2.69E+00	0.00E+00
CHILD	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
CHILD	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00	0.00E+00
CHILD	MEAT ING	1.80E-01	2.39E+00	3.79E-01	3.79E-01	4.80E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.14E+02	2.21E+02	8.58E+02	6.19E+00	8.61E+00	1.63E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.18E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00	0.00E+00
TEENAGE	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
TEENAGE	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00	0.00E+00
TEENAGE	MEAT ING	2.92E-01	3.88E+00	6.16E-01	6.16E-01	7.79E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.59E+01	2.45E+02	4.50E+02	5.96E+00	1.01E+01	1.63E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.26E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00	0.00E+00
ADULT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
ADULT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00	0.00E+00
ADULT	MEAT ING	5.10E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.77E+01	2.52E+02	3.77E+02	7.16E+00	1.28E+01	1.63E+00

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 30 NAME=SF NW X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.29E+02	2.32E+02	1.78E+03	6.38E+00	7.03E+00	3.04E+01
INFANT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
INFANT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.46E+02	2.49E+02	1.80E+03	2.39E+01	2.46E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.13E+02	2.00E+02	8.54E+02	2.67E+00	2.70E+00	3.04E+01
CHILD	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
CHILD	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00	0.00E+00
CHILD	MEAT ING	1.80E-01	2.39E+00	3.80E-01	3.80E-01	4.80E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+02	2.37E+02	8.74E+02	2.21E+01	2.45E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.37E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00	3.04E+01
TEENAGE	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
TEENAGE	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00	0.00E+00
TEENAGE	MEAT ING	2.92E-01	3.89E+00	6.16E-01	6.16E-01	7.80E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.36E+01	2.61E+02	4.66E+02	2.19E+01	2.61E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.44E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00	3.04E+01
ADULT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
ADULT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00	0.00E+00
ADULT	MEAT ING	5.11E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.54E+01	2.68E+02	3.92E+02	2.31E+01	2.87E+01	4.80E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+02	2.26E+02	1.74E+03	6.20E+00	6.86E+00	0.00E+00
INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
INFANT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.23E+02	2.28E+02	1.74E+03	7.79E+00	8.45E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.95E+02	8.34E+02	2.60E+00	2.63E+00	0.00E+00
CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
CHILD	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00	0.00E+00
CHILD	MEAT ING	1.76E-01	2.34E+00	3.70E-01	3.70E-01	4.69E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.15E+02	8.37E+02	6.04E+00	8.41E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.04E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00	0.00E+00
TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
TEENAGE	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00	0.00E+00
TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.43E+01	2.39E+02	4.39E+02	5.82E+00	9.88E+00	1.59E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.14E+01	2.01E+02	3.62E+02	1.03E+00	1.14E+00	0.00E+00
ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
ADULT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.41E+00	0.00E+00
ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.63E+01	2.46E+02	3.68E+02	6.99E+00	1.25E+01	1.59E+00

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.24E+02	2.26E+02	1.74E+03	6.23E+00	6.87E+00	3.09E+01
INFANT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
INFANT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+02	2.43E+02	1.75E+03	2.34E+01	2.40E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.10E+02	1.95E+02	8.34E+02	2.61E+00	2.64E+00	3.09E+01
CHILD	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
CHILD	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00	0.00E+00
CHILD	MEAT ING	1.76E-01	2.34E+00	3.71E-01	3.71E-01	4.69E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.29E+02	2.31E+02	8.53E+02	2.16E+01	2.40E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.22E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00	3.09E+01
TEENAGE	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
TEENAGE	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00	0.00E+00
TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.17E+01	2.55E+02	4.55E+02	2.14E+01	2.54E+01	4.80E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.32E+01	2.01E+02	3.62E+02	1.04E+00	1.15E+00	3.09E+01
ADULT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
ADULT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.42E+00	0.00E+00
ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.37E+01	2.62E+02	3.83E+02	2.25E+01	2.80E+01	4.80E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.72E+01	3.79E+01	2.91E+02	1.04E+00	1.15E+00	0.00E+00
INFANT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
INFANT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.74E+01	3.81E+01	2.91E+02	1.31E+00	1.42E+00	2.67E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.81E+01	3.27E+01	1.40E+02	4.35E-01	4.41E-01	0.00E+00
CHILD	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
CHILD	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
CHILD	VEG. ING	2.12E-01	2.75E+00	2.48E-01	2.48E-01	6.24E-01	0.00E+00
CHILD	MEAT ING	2.94E-02	3.92E-01	6.21E-02	6.21E-02	7.86E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.86E+01	3.61E+01	1.40E+02	1.01E+00	1.41E+00	2.67E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	3.47E+01	7.29E+01	2.06E-01	2.42E-01	0.00E+00
TEENAGE	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
TEENAGE	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
TEENAGE	VEG. ING	3.46E-01	4.50E+00	4.02E-01	4.02E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.78E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.08E+01	4.01E+01	7.37E+01	9.76E-01	1.66E+00	2.67E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.61E+00	3.37E+01	6.07E+01	1.73E-01	1.92E-01	0.00E+00
ADULT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
ADULT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
ADULT	VEG. ING	4.78E-01	6.20E+00	5.56E-01	5.56E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.35E-02	1.11E+00	1.76E-01	1.76E-01	2.23E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.44E+00	4.13E+01	6.17E+01	1.17E+00	2.09E+00	2.67E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.02E+01	3.79E+01	2.91E+02	1.08E+00	1.16E+00	5.03E+01
INFANT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.32E+01	4.09E+01	2.94E+02	4.07E+00	4.16E+00	5.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.12E+01	3.27E+01	1.40E+02	4.53E-01	4.48E-01	5.03E+01
CHILD	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	2.12E-01	2.75E+00	2.51E-01	2.51E-01	6.25E-01	0.00E+00
CHILD	MEAT ING	2.95E-02	3.93E-01	6.24E-02	6.24E-02	7.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.44E+01	3.89E+01	1.43E+02	3.76E+00	4.14E+00	5.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.31E+01	3.48E+01	7.29E+01	2.13E-01	2.45E-01	5.03E+01
TEENAGE	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	3.47E-01	4.51E+00	4.06E-01	4.06E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.80E-02	6.38E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.65E+01	4.29E+01	7.64E+01	3.71E+00	4.39E+00	5.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.16E+01	3.37E+01	6.07E+01	1.79E-01	1.95E-01	5.03E+01
ADULT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	4.79E-01	6.21E+00	5.61E-01	5.61E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.38E-02	1.11E+00	1.77E-01	1.77E-01	2.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.52E+01	4.40E+01	6.44E+01	3.91E+00	4.82E+00	5.32E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.06E+01	3.11E+01	2.40E+02	8.55E-01	9.46E-01	0.00E+00
INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
INFANT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.09E+01	3.14E+01	2.40E+02	1.07E+00	1.17E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.69E+01	1.15E+02	3.58E-01	3.63E-01	0.00E+00
CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
CHILD	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
CHILD	VEG. ING	1.74E-01	2.26E+00	2.04E-01	2.04E-01	5.14E-01	0.00E+00
CHILD	MEAT ING	2.42E-02	3.22E-01	5.10E-02	5.10E-02	6.47E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.54E+01	2.97E+01	1.16E+02	8.33E-01	1.16E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.34E+00	2.86E+01	6.01E+01	1.69E-01	1.99E-01	0.00E+00
TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
TEENAGE	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
TEENAGE	VEG. ING	2.85E-01	3.70E+00	3.31E-01	3.31E-01	8.42E-01	0.00E+00
TEENAGE	MEAT ING	3.93E-02	5.23E-01	8.28E-02	8.28E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.89E+00	3.30E+01	6.07E+01	8.03E-01	1.37E+00	2.20E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.10E+00	2.77E+01	5.00E+01	1.42E-01	1.58E-01	0.00E+00
ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
ADULT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
ADULT	VEG. ING	3.93E-01	5.10E+00	4.57E-01	4.57E-01	1.16E+00	0.00E+00
ADULT	MEAT ING	6.87E-02	9.14E-01	1.45E-01	1.45E-01	1.83E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.78E+00	3.39E+01	5.08E+01	9.64E-01	1.72E+00	2.20E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.23E+01	3.12E+01	2.40E+02	9.24E-01	9.73E-01	2.75E+01
INFANT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
INFANT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.47E+01	3.36E+01	2.43E+02	3.36E+00	3.41E+00	2.99E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	2.69E+01	1.15E+02	3.89E-01	3.76E-01	2.75E+01
CHILD	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
CHILD	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
CHILD	VEG. ING	1.75E-01	2.27E+00	2.08E-01	2.08E-01	5.17E-01	0.00E+00
CHILD	MEAT ING	2.44E-02	3.24E-01	5.17E-02	5.17E-02	6.52E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.19E+01	1.18E+02	3.08E+00	3.39E+00	2.99E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	2.86E+01	6.01E+01	1.82E-01	2.05E-01	2.75E+01
TEENAGE	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
TEENAGE	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
TEENAGE	VEG. ING	2.87E-01	3.72E+00	3.37E-01	3.37E-01	8.47E-01	0.00E+00
TEENAGE	MEAT ING	3.96E-02	5.26E-01	8.38E-02	8.38E-02	1.06E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.28E+01	3.53E+01	6.30E+01	3.04E+00	3.59E+00	2.99E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.75E+00	2.77E+01	5.00E+01	1.53E-01	1.63E-01	2.75E+01
ADULT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
ADULT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
ADULT	VEG. ING	3.96E-01	5.13E+00	4.65E-01	4.65E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.92E-02	9.20E-01	1.47E-01	1.47E-01	1.85E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.16E+01	3.62E+01	5.31E+01	3.20E+00	3.95E+00	2.99E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.47E+01	3.53E+01	2.71E+02	9.68E-01	1.07E+00	0.00E+00
INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
INFANT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.49E+01	3.55E+01	2.72E+02	1.22E+00	1.32E+00	2.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.69E+01	3.05E+01	1.30E+02	4.05E-01	4.11E-01	0.00E+00
CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
CHILD	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
CHILD	VEG. ING	1.97E-01	2.56E+00	2.31E-01	2.31E-01	5.81E-01	0.00E+00
CHILD	MEAT ING	2.74E-02	3.65E-01	5.78E-02	5.78E-02	7.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.74E+01	3.36E+01	1.31E+02	9.43E-01	1.31E+00	2.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.44E+00	3.23E+01	6.79E+01	1.91E-01	2.25E-01	0.00E+00
TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
TEENAGE	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
TEENAGE	VEG. ING	3.23E-01	4.19E+00	3.75E-01	3.75E-01	9.52E-01	0.00E+00
TEENAGE	MEAT ING	4.45E-02	5.92E-01	9.38E-02	9.38E-02	1.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	3.74E+01	6.87E+01	9.09E-01	1.54E+00	2.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.03E+00	3.14E+01	5.65E+01	1.61E-01	1.79E-01	0.00E+00
ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
ADULT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
ADULT	VEG. ING	4.45E-01	5.77E+00	5.18E-01	5.18E-01	1.32E+00	0.00E+00
ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.80E+00	3.84E+01	5.75E+01	1.09E+00	1.95E+00	2.49E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.66E+01	3.53E+01	2.71E+02	1.04E+00	1.10E+00	3.17E+01
INFANT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
INFANT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.94E+01	3.81E+01	2.74E+02	3.86E+00	3.92E+00	3.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+01	3.05E+01	1.30E+02	4.38E-01	4.24E-01	3.17E+01
CHILD	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
CHILD	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
CHILD	VEG. ING	1.98E-01	2.57E+00	2.35E-01	2.35E-01	5.84E-01	0.00E+00
CHILD	MEAT ING	2.76E-02	3.67E-01	5.84E-02	5.84E-02	7.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.19E+01	3.62E+01	1.33E+02	3.55E+00	3.90E+00	3.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	3.24E+01	6.79E+01	2.05E-01	2.32E-01	3.17E+01
TEENAGE	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
TEENAGE	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
TEENAGE	VEG. ING	3.24E-01	4.21E+00	3.81E-01	3.81E-01	9.57E-01	0.00E+00
TEENAGE	MEAT ING	4.48E-02	5.96E-01	9.49E-02	9.49E-02	1.20E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.45E+01	4.00E+01	7.12E+01	3.50E+00	4.13E+00	3.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.93E+00	3.14E+01	5.65E+01	1.72E-01	1.84E-01	3.17E+01
ADULT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
ADULT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
ADULT	VEG. ING	4.47E-01	5.80E+00	5.26E-01	5.26E-01	1.32E+00	0.00E+00
ADULT	MEAT ING	7.83E-02	1.04E+00	1.66E-01	1.66E-01	2.09E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.10E+01	6.00E+01	3.68E+00	4.53E+00	3.45E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.40E+01	2.44E+01	1.88E+02	6.71E-01	7.41E-01	0.00E+00
INFANT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
INFANT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+01	2.46E+01	1.88E+02	8.42E-01	9.13E-01	1.72E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.17E+01	2.11E+01	9.02E+01	2.81E-01	2.84E-01	0.00E+00
CHILD	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
CHILD	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
CHILD	VEG. ING	1.36E-01	1.77E+00	1.60E-01	1.60E-01	4.02E-01	0.00E+00
CHILD	MEAT ING	1.90E-02	2.53E-01	4.00E-02	4.00E-02	5.07E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	2.33E+01	9.05E+01	6.53E-01	9.09E-01	1.72E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.53E+00	2.24E+01	4.70E+01	1.33E-01	1.56E-01	0.00E+00
TEENAGE	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
TEENAGE	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
TEENAGE	VEG. ING	2.23E-01	2.90E+00	2.60E-01	2.60E-01	6.59E-01	0.00E+00
TEENAGE	MEAT ING	3.08E-02	4.10E-01	6.50E-02	6.50E-02	8.22E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.95E+00	2.59E+01	4.75E+01	6.29E-01	1.07E+00	1.72E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.55E+00	2.17E+01	3.91E+01	1.11E-01	1.24E-01	0.00E+00
ADULT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
ADULT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
ADULT	VEG. ING	3.08E-01	4.00E+00	3.59E-01	3.59E-01	9.10E-01	0.00E+00
ADULT	MEAT ING	5.39E-02	7.16E-01	1.14E-01	1.14E-01	1.44E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.09E+00	2.66E+01	3.97E+01	7.56E-01	1.35E+00	1.72E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.47E+01	2.44E+01	1.88E+02	7.08E-01	7.56E-01	1.28E+01
INFANT	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
INFANT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.66E+01	2.63E+01	1.90E+02	2.61E+00	2.65E+00	1.47E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.25E+01	2.11E+01	9.02E+01	2.98E-01	2.91E-01	1.28E+01
CHILD	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
CHILD	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
CHILD	VEG. ING	1.37E-01	1.78E+00	1.62E-01	1.62E-01	4.04E-01	0.00E+00
CHILD	MEAT ING	1.91E-02	2.54E-01	4.04E-02	4.04E-02	5.09E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.45E+01	2.50E+01	9.23E+01	2.40E+00	2.64E+00	1.47E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.30E+00	2.24E+01	4.70E+01	1.40E-01	1.59E-01	1.28E+01
TEENAGE	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
TEENAGE	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
TEENAGE	VEG. ING	2.24E-01	2.91E+00	2.63E-01	2.63E-01	6.61E-01	0.00E+00
TEENAGE	MEAT ING	3.10E-02	4.12E-01	6.55E-02	6.55E-02	8.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.45E+00	2.76E+01	4.92E+01	2.37E+00	2.80E+00	1.47E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.32E+00	2.17E+01	3.91E+01	1.17E-01	1.26E-01	1.28E+01
ADULT	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
ADULT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
ADULT	VEG. ING	3.09E-01	4.01E+00	3.63E-01	3.63E-01	9.13E-01	0.00E+00
ADULT	MEAT ING	5.41E-02	7.20E-01	1.15E-01	1.15E-01	1.45E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.58E+00	2.84E+01	4.15E+01	2.49E+00	3.08E+00	1.47E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.48E+00	9.66E+00	7.42E+01	2.65E-01	2.93E-01	0.00E+00
INFANT	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
INFANT	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.55E+00	9.73E+00	7.43E+01	3.33E-01	3.61E-01	6.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.62E+00	8.34E+00	3.57E+01	1.11E-01	1.12E-01	0.00E+00
CHILD	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
CHILD	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
CHILD	VEG. ING	5.39E-02	7.00E-01	6.33E-02	6.33E-02	1.59E-01	0.00E+00
CHILD	MEAT ING	7.51E-03	9.98E-02	1.58E-02	1.58E-02	2.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.75E+00	9.21E+00	3.58E+01	2.58E-01	3.59E-01	6.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.58E+00	8.86E+00	1.86E+01	5.24E-02	6.16E-02	0.00E+00
TEENAGE	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
TEENAGE	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
TEENAGE	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.60E-01	0.00E+00
TEENAGE	MEAT ING	1.22E-02	1.62E-01	2.57E-02	2.57E-02	3.25E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.75E+00	1.02E+01	1.88E+01	2.49E-01	4.22E-01	6.80E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.20E+00	8.59E+00	1.55E+01	4.40E-02	4.88E-02	0.00E+00
ADULT	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
ADULT	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
ADULT	VEG. ING	1.22E-01	1.58E+00	1.42E-01	1.42E-01	3.60E-01	0.00E+00
ADULT	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.68E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.41E+00	1.05E+01	1.57E+01	2.99E-01	5.33E-01	6.80E-02

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.00E+01	9.67E+00	7.42E+01	3.30E-01	3.18E-01	9.47E+00
INFANT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
INFANT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.08E+01	1.05E+01	7.50E+01	1.12E+00	1.11E+00	1.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.19E+00	8.35E+00	3.57E+01	1.40E-01	1.24E-01	9.47E+00
CHILD	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
CHILD	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
CHILD	VEG. ING	5.49E-02	7.11E-01	6.66E-02	6.66E-02	1.62E-01	0.00E+00
CHILD	MEAT ING	7.68E-03	1.02E-01	1.64E-02	1.64E-02	2.05E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.05E+00	9.95E+00	3.65E+01	1.02E+00	1.10E+00	1.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.15E+00	8.88E+00	1.86E+01	6.48E-02	6.75E-02	9.47E+00
TEENAGE	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
TEENAGE	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
TEENAGE	VEG. ING	8.99E-02	1.16E+00	1.08E-01	1.08E-01	2.65E-01	0.00E+00
TEENAGE	MEAT ING	1.25E-02	1.65E-01	2.66E-02	2.66E-02	3.33E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.05E+00	1.10E+01	1.95E+01	9.93E-01	1.16E+00	1.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.77E+00	8.60E+00	1.55E+01	5.43E-02	5.38E-02	9.47E+00
ADULT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
ADULT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
ADULT	VEG. ING	1.24E-01	1.60E+00	1.49E-01	1.49E-01	3.66E-01	0.00E+00
ADULT	MEAT ING	2.18E-02	2.89E-01	4.65E-02	4.65E-02	5.82E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.70E+00	1.13E+01	1.65E+01	1.04E+00	1.27E+00	1.03E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.08E+01	2.11E+01	1.63E+02	5.80E-01	6.41E-01	0.00E+00
INFANT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
INFANT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.09E+01	2.13E+01	1.63E+02	7.29E-01	7.90E-01	1.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.01E+01	1.82E+01	7.81E+01	2.43E-01	2.46E-01	0.00E+00
CHILD	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
CHILD	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
CHILD	VEG. ING	1.18E-01	1.53E+00	1.39E-01	1.39E-01	3.48E-01	0.00E+00
CHILD	MEAT ING	1.64E-02	2.19E-01	3.46E-02	3.46E-02	4.39E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.04E+01	2.01E+01	7.85E+01	5.65E-01	7.87E-01	1.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.65E+00	1.94E+01	4.07E+01	1.15E-01	1.35E-01	0.00E+00
TEENAGE	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
TEENAGE	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
TEENAGE	VEG. ING	1.93E-01	2.51E+00	2.24E-01	2.24E-01	5.71E-01	0.00E+00
TEENAGE	MEAT ING	2.67E-02	3.55E-01	5.62E-02	5.62E-02	7.12E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.02E+00	2.24E+01	4.11E+01	5.44E-01	9.26E-01	1.49E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.81E+00	1.88E+01	3.39E+01	9.63E-02	1.07E-01	0.00E+00
ADULT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
ADULT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
ADULT	VEG. ING	2.67E-01	3.46E+00	3.10E-01	3.10E-01	7.88E-01	0.00E+00
ADULT	MEAT ING	4.66E-02	6.20E-01	9.82E-02	9.82E-02	1.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.27E+00	2.30E+01	3.44E+01	6.54E-01	1.17E+00	1.49E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.23E+01	2.12E+01	1.63E+02	8.28E-01	7.38E-01	2.53E+01
INFANT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
INFANT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+01	2.30E+01	1.64E+02	2.62E+00	2.53E+00	2.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.17E+01	1.83E+01	7.81E+01	3.53E-01	2.92E-01	2.53E+01
CHILD	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
CHILD	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
CHILD	VEG. ING	1.22E-01	1.57E+00	1.51E-01	1.51E-01	3.58E-01	0.00E+00
CHILD	MEAT ING	1.71E-02	2.26E-01	3.69E-02	3.69E-02	4.57E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.36E+01	2.19E+01	8.01E+01	2.33E+00	2.48E+00	2.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.18E+00	1.95E+01	4.07E+01	1.62E-01	1.58E-01	2.53E+01
TEENAGE	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
TEENAGE	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
TEENAGE	VEG. ING	1.99E-01	2.58E+00	2.45E-01	2.45E-01	5.87E-01	0.00E+00
TEENAGE	MEAT ING	2.77E-02	3.67E-01	5.98E-02	5.98E-02	7.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.19E+00	2.42E+01	4.28E+01	2.25E+00	2.61E+00	2.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.33E+00	1.88E+01	3.39E+01	1.36E-01	1.26E-01	2.53E+01
ADULT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
ADULT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
ADULT	VEG. ING	2.75E-01	3.56E+00	3.39E-01	3.39E-01	8.11E-01	0.00E+00
ADULT	MEAT ING	4.85E-02	6.41E-01	1.05E-01	1.05E-01	1.30E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.44E+00	2.48E+01	3.61E+01	2.37E+00	2.85E+00	2.71E+01

1REGION: De[redacted]urdock CODE: MILDOS-AREA (02/97) PAGE [redacted]
METSET: DATA: DB.MIL 08/21/[redacted]
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.90E+01	1.93E+01	1.49E+02	5.31E-01	5.87E-01	0.00E+00
INFANT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
INFANT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.91E+01	1.95E+01	1.49E+02	6.67E-01	7.24E-01	1.36E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.27E+00	1.67E+01	7.15E+01	2.22E-01	2.25E-01	0.00E+00
CHILD	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
CHILD	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
CHILD	VEG. ING	1.08E-01	1.40E+00	1.27E-01	1.27E-01	3.19E-01	0.00E+00
CHILD	MEAT ING	1.50E-02	2.00E-01	3.17E-02	3.17E-02	4.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.53E+00	1.84E+01	7.18E+01	5.17E-01	7.20E-01	1.36E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.17E+00	1.77E+01	3.73E+01	1.05E-01	1.23E-01	0.00E+00
TEENAGE	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
TEENAGE	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
TEENAGE	VEG. ING	1.77E-01	2.30E+00	2.06E-01	2.06E-01	5.22E-01	0.00E+00
TEENAGE	MEAT ING	2.44E-02	3.25E-01	5.14E-02	5.14E-02	6.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.51E+00	2.05E+01	3.76E+01	4.98E-01	8.47E-01	1.36E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.40E+00	1.72E+01	3.10E+01	8.82E-02	9.79E-02	0.00E+00
ADULT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
ADULT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
ADULT	VEG. ING	2.44E-01	3.17E+00	2.84E-01	2.84E-01	7.21E-01	0.00E+00
ADULT	MEAT ING	4.27E-02	5.68E-01	8.99E-02	8.99E-02	1.14E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.82E+00	2.11E+01	3.15E+01	5.98E-01	1.07E+00	1.36E-01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.04E+01	1.94E+01	1.49E+02	6.96E-01	6.51E-01	2.36E+01
INFANT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.21E+01	2.10E+01	1.50E+02	2.32E+00	2.28E+00	2.53E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+01	1.67E+01	7.15E+01	2.96E-01	2.55E-01	2.36E+01
CHILD	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	1.11E-01	1.43E+00	1.35E-01	1.35E-01	3.25E-01	0.00E+00
CHILD	MEAT ING	1.55E-02	2.05E-01	3.32E-02	3.32E-02	4.14E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.24E+01	2.00E+01	7.33E+01	2.09E+00	2.25E+00	2.53E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.60E+00	1.78E+01	3.73E+01	1.36E-01	1.38E-01	2.36E+01
TEENAGE	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.81E-01	2.34E+00	2.19E-01	2.19E-01	5.33E-01	0.00E+00
TEENAGE	MEAT ING	2.51E-02	3.33E-01	5.39E-02	5.39E-02	6.71E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.43E+00	2.21E+01	3.92E+01	2.04E+00	2.37E+00	2.53E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.82E+00	1.72E+01	3.10E+01	1.14E-01	1.10E-01	2.36E+01
ADULT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	2.50E-01	3.23E+00	3.03E-01	3.03E-01	7.37E-01	0.00E+00
ADULT	MEAT ING	4.39E-02	5.82E-01	9.41E-02	9.41E-02	1.17E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.75E+00	2.27E+01	3.30E+01	2.14E+00	2.59E+00	2.53E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.30E+01	1.32E+01	1.02E+02	3.62E-01	4.00E-01	0.00E+00
INFANT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
INFANT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.31E+01	1.33E+01	1.02E+02	4.55E-01	4.93E-01	9.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.32E+00	1.14E+01	4.88E+01	1.52E-01	1.54E-01	0.00E+00
CHILD	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
CHILD	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
CHILD	VEG. ING	7.37E-02	9.56E-01	8.65E-02	8.65E-02	2.17E-01	0.00E+00
CHILD	MEAT ING	1.03E-02	1.36E-01	2.16E-02	2.16E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.50E+00	1.26E+01	4.90E+01	3.53E-01	4.91E-01	9.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.53E+00	1.21E+01	2.54E+01	7.16E-02	8.41E-02	0.00E+00
TEENAGE	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
TEENAGE	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
TEENAGE	VEG. ING	1.21E-01	1.57E+00	1.40E-01	1.40E-01	3.56E-01	0.00E+00
TEENAGE	MEAT ING	1.66E-02	2.21E-01	3.51E-02	3.51E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.76E+00	1.40E+01	2.57E+01	3.40E-01	5.78E-01	9.30E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.00E+00	1.17E+01	2.11E+01	6.01E-02	6.68E-02	0.00E+00
ADULT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
ADULT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
ADULT	VEG. ING	1.66E-01	2.16E+00	1.94E-01	1.94E-01	4.92E-01	0.00E+00
ADULT	MEAT ING	2.91E-02	3.87E-01	6.13E-02	6.13E-02	7.77E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.29E+00	1.44E+01	2.15E+01	4.08E-01	7.29E-01	9.30E-02

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.43E+01	1.32E+01	1.02E+02	6.52E-01	5.13E-01	2.13E+01
INFANT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.54E+01	1.44E+01	1.03E+02	1.82E+00	1.68E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.61E+00	1.14E+01	4.88E+01	2.80E-01	2.07E-01	2.13E+01
CHILD	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	7.80E-02	1.01E+00	1.01E-01	1.01E-01	2.29E-01	0.00E+00
CHILD	MEAT ING	1.10E-02	1.45E-01	2.42E-02	2.42E-02	2.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.87E+00	1.37E+01	5.01E+01	1.57E+00	1.63E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.82E+00	1.22E+01	2.54E+01	1.27E-01	1.11E-01	2.13E+01
TEENAGE	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	1.28E-01	1.65E+00	1.64E-01	1.64E-01	3.76E-01	0.00E+00
TEENAGE	MEAT ING	1.79E-02	2.36E-01	3.93E-02	3.93E-02	4.79E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.13E+00	1.52E+01	2.68E+01	1.50E+00	1.70E+00	2.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.29E+00	1.18E+01	2.11E+01	1.06E-01	8.89E-02	2.13E+01
ADULT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	1.76E-01	2.27E+00	2.27E-01	2.27E-01	5.19E-01	0.00E+00
ADULT	MEAT ING	3.13E-02	4.12E-01	6.87E-02	6.87E-02	8.37E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.66E+00	1.56E+01	2.26E+01	1.57E+00	1.86E+00	2.25E+01

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.22E+00	3.27E+00	2.52E+01	8.98E-02	9.94E-02	0.00E+00
INFANT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
INFANT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.24E+00	3.30E+00	2.52E+01	1.13E-01	1.22E-01	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.57E+00	2.83E+00	1.21E+01	3.76E-02	3.81E-02	0.00E+00
CHILD	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
CHILD	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
CHILD	VEG. ING	1.83E-02	2.37E-01	2.15E-02	2.15E-02	5.39E-02	0.00E+00
CHILD	MEAT ING	2.55E-03	3.39E-02	5.36E-03	5.36E-03	6.79E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.61E+00	3.12E+00	1.22E+01	8.76E-02	1.22E-01	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.76E-01	3.00E+00	6.31E+00	1.78E-02	2.09E-02	0.00E+00
TEENAGE	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
TEENAGE	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
TEENAGE	VEG. ING	2.99E-02	3.89E-01	3.48E-02	3.48E-02	8.84E-02	0.00E+00
TEENAGE	MEAT ING	4.13E-03	5.50E-02	8.71E-03	8.71E-03	1.10E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.33E-01	3.47E+00	6.37E+00	8.43E-02	1.43E-01	2.31E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.45E-01	2.91E+00	5.25E+00	1.49E-02	1.66E-02	0.00E+00
ADULT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
ADULT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
ADULT	VEG. ING	4.13E-02	5.36E-01	4.81E-02	4.81E-02	1.22E-01	0.00E+00
ADULT	MEAT ING	7.22E-03	9.60E-02	1.52E-02	1.52E-02	1.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.17E-01	3.57E+00	5.34E+00	1.01E-01	1.81E-01	2.31E-02

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.54E+00	3.33E+00	2.52E+01	3.68E-01	2.07E-01	5.04E+00
INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
INFANT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.83E+00	3.62E+00	2.55E+01	6.59E-01	4.99E-01	5.33E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+00	2.87E+00	1.21E+01	1.61E-01	8.90E-02	5.04E+00
CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
CHILD	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
CHILD	VEG. ING	2.24E-02	2.85E-01	3.56E-02	3.56E-02	6.54E-02	0.00E+00
CHILD	MEAT ING	3.28E-03	4.23E-02	7.87E-03	7.87E-03	8.84E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+00	3.49E+00	1.24E+01	4.96E-01	4.54E-01	5.33E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.19E+00	3.10E+00	6.31E+00	7.07E-02	4.63E-02	5.04E+00
TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
TEENAGE	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
TEENAGE	VEG. ING	3.67E-02	4.67E-01	5.80E-02	5.80E-02	1.07E-01	0.00E+00
TEENAGE	MEAT ING	5.32E-03	6.87E-02	1.28E-02	1.28E-02	1.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.52E+00	3.93E+00	6.67E+00	4.33E-01	4.59E-01	5.33E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.05E+00	2.97E+00	5.25E+00	5.90E-02	3.78E-02	5.04E+00
ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
ADULT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
ADULT	VEG. ING	5.06E-02	6.44E-01	8.01E-02	8.01E-02	1.48E-01	0.00E+00
ADULT	MEAT ING	9.29E-03	1.20E-01	2.23E-02	2.23E-02	2.51E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.41E+00	4.02E+00	5.64E+00	4.53E-01	5.02E-01	5.33E+00

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.87E+00	7.00E+00	5.38E+01	1.92E-01	2.12E-01	0.00E+00
INFANT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
INFANT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.92E+00	7.05E+00	5.39E+01	2.41E-01	2.62E-01	4.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.35E+00	6.05E+00	2.59E+01	8.05E-02	8.15E-02	0.00E+00
CHILD	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
CHILD	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
CHILD	VEG. ING	3.91E-02	5.07E-01	4.59E-02	4.59E-02	1.15E-01	0.00E+00
CHILD	MEAT ING	5.44E-03	7.24E-02	1.15E-02	1.15E-02	1.45E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.45E+00	6.68E+00	2.60E+01	1.87E-01	2.61E-01	4.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.87E+00	6.42E+00	1.35E+01	3.80E-02	4.46E-02	0.00E+00
TEENAGE	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
TEENAGE	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
TEENAGE	VEG. ING	6.40E-02	8.31E-01	7.44E-02	7.44E-02	1.89E-01	0.00E+00
TEENAGE	MEAT ING	8.83E-03	1.17E-01	1.86E-02	1.86E-02	2.36E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.99E+00	7.42E+00	1.36E+01	1.80E-01	3.06E-01	4.93E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.59E+00	6.23E+00	1.12E+01	3.19E-02	3.54E-02	0.00E+00
ADULT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
ADULT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
ADULT	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.61E-01	0.00E+00
ADULT	MEAT ING	1.54E-02	2.05E-01	3.25E-02	3.25E-02	4.12E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.75E+00	7.63E+00	1.14E+01	2.17E-01	3.87E-01	4.93E-02

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.75E+00	7.03E+00	5.38E+01	3.58E-01	2.77E-01	1.44E+01
INFANT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	8.40E+00	7.68E+00	5.45E+01	1.00E+00	9.24E-01	1.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.22E+00	6.07E+00	2.59E+01	1.54E-01	1.12E-01	1.44E+01
CHILD	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	4.16E-02	5.36E-01	5.43E-02	5.43E-02	1.22E-01	0.00E+00
CHILD	MEAT ING	5.88E-03	7.74E-02	1.30E-02	1.30E-02	1.57E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.92E+00	7.33E+00	2.66E+01	8.68E-01	8.96E-01	1.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.74E+00	6.48E+00	1.35E+01	6.96E-02	5.98E-02	1.44E+01
TEENAGE	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	6.81E-02	8.78E-01	8.82E-02	8.82E-02	2.00E-01	0.00E+00
TEENAGE	MEAT ING	9.54E-03	1.26E-01	2.11E-02	2.11E-02	2.56E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.47E+00	8.13E+00	1.42E+01	8.25E-01	9.32E-01	1.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.46E+00	6.26E+00	1.12E+01	5.83E-02	4.81E-02	1.44E+01
ADULT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	9.39E-02	1.21E+00	1.22E-01	1.22E-01	2.76E-01	0.00E+00
ADULT	MEAT ING	1.67E-02	2.20E-01	3.68E-02	3.68E-02	4.47E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.22E+00	8.34E+00	1.20E+01	8.64E-01	1.02E+00	1.51E+01

0Program execution time = 5.11 seconds

POWERTECH (USA) INC.

APPENDIX 4.14-B

MILDOS AREA SIMULATION FOR WASTE DISPOSAL WELL

POWERTECH (USA) INC.

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POWERTECH (USA) INC.

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1REGION: Dewey Burdock                CODE: MILDOS-AREA (02/97)          PAGE   2
 METSET:                              DATA: DBNOLA.MIL                   02/23/09
     JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM
FREQWS=0.46786,0.23973,0.15172,0.09302,0.03668,0.01100
 MPH  N      NNE    NE     ENE    E      ESE    SE     SSE    S      SSW    SW     WSW    W
WNW    NW     NNW       TOTALS
 ---------------------------------------------------------------------------------------------
----------------------------------
  STABILITY CLASS 1
  1.5 0.0260 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0260
  5.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0260 0.0000
0.0000 0.0000 0.0000    0.0260
 10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 ALL  0.0260 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0260 0.0000
0.0000 0.0000 0.0000    0.0520
 ---------------------------------------------------------------------------------------------
----------------------------------
  STABILITY CLASS 2
  1.5 0.3930 0.2360 0.1310 0.1050 0.0790 0.1830 0.1570 0.3410 0.7340 0.7340 0.7860 0.4980 0.8650
0.8390 0.9170 0.7080    7.7060
  5.5 0.0520 0.0000 0.0000 0.0260 0.0000 0.0260 0.0000 0.0520 0.0790 0.0790 0.0520 0.1050 0.2620
0.0790 0.1830 0.1050    1.1000
 10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0790 0.0000 0.0000    0.0790
 15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 ALL  0.4450 0.2360 0.1310 0.1310 0.0790 0.2090 0.1570 0.3930 0.8130 0.8130 0.8380 0.6030 1.1270
0.9970 1.1000 0.8130    8.8850
 ---------------------------------------------------------------------------------------------
----------------------------------
  STABILITY CLASS 3
  1.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
  5.5 0.0520 0.0000 0.0260 0.0000 0.0260 0.0790 0.3410 0.2360 0.3140 0.0260 0.1050 0.2880 0.6290
1.1010 0.8650 0.6810    4.7690
 10.0 0.0000 0.0000 0.0000 0.0000 0.1050 0.0260 0.2880 0.2360 0.0260 0.0000 0.0260 0.0260 0.1310
0.8390 0.6810 0.4450    2.8290
 15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 ALL  0.0520 0.0000 0.0260 0.0000 0.1310 0.1050 0.6290 0.4720 0.3400 0.0260 0.1310 0.3140 0.7600
1.9400 1.5460 1.1260    7.5980
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  STABILITY CLASS 4
  1.5 1.7600 0.4720 0.1830 0.1570 0.2620 0.2100 0.2880 0.6290 0.8120 0.4720 0.4980 0.6550 0.5770
0.4980 0.9430 1.1790    9.5950
  5.5 1.0200 0.1570 0.1570 0.3410 0.8390 0.6290 0.5240 0.6290 0.2360 0.2360 0.0260 0.1570 0.4980
1.3890 2.0960 1.8870   10.8210
 10.0 0.3140 0.1050 0.1050 0.6030 1.0740 0.5240 0.5500 0.1830 0.0000 0.0000 0.1310 0.0790 0.4720
2.4630 4.1930 1.4680   12.2640
 15.5 0.0260 0.0000 0.0260 0.3930 0.5770 0.1050 0.1050 0.0790 0.0000 0.0000 0.1830 0.1830 0.3140
1.7300 4.7690 0.8120    9.3020
```

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 21.5 0.0000 0.0000 0.0000 0.0520 0.0260 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0790 0.1830
0.6550 2.5160 0.1570    3.6680
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0260 0.0260
0.0520 0.9700 0.0260    1.1000
 ALL  3.1200 0.7340 0.4710 1.5460 2.7780 1.4680 1.4670 1.5200 1.0480 0.7080 0.8380 1.1790 2.0700
6.787015.4870 5.5290   46.7500
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  STABILITY CLASS 5
  1.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
  5.5 0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650    3.9820
 10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 ALL  0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650    3.9820
 ------------------------------------------------------------------------------------------------
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  STABILITY CLASS 6
  1.5 5.5600 3.3540 2.0700 1.2050 0.8650 0.8390 0.8910 1.2050 1.1270 0.7860 0.5240 0.5770 0.9430
1.4940 2.5940 5.4250   29.4590
  5.5 0.7600 0.1570 0.1050 0.1050 0.1310 0.2100 0.0790 0.1310 0.1830 0.0000 0.0520 0.0260 0.1050
0.1830 0.2880 0.7600    3.2750
 10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000    0.0000
 ALL  6.3200 3.5110 2.1750 1.3100 0.9960 1.0490 0.9700 1.3360 1.3100 0.7860 0.5760 0.6030 1.0480
1.6770 2.8820 6.1850   32.7340
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-----------------------------------
 ALL 10.7750 4.5600 2.9340 3.1700 4.1940 2.9880 3.4850 4.0090 3.5370 2.3330 2.4090 2.7250
5.057011.689021.618014.5180  100.0010
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POWERTECH (USA) INC.

INDIVIDUAL RECEPTOR LOCATION DATA, 41 LOCATIONS INPUT THIS RUN

I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE
1	CPP N	0.00	2.82	0.00	2.82	10	22	SF SSE	-3.55	0.15	0.00	3.55	10
2	CPP NNE	1.07	2.78	0.00	2.98	10	23	SF SE	-2.81	1.30	0.00	3.10	10
3	CPP NE	1.16	1.17	0.00	1.65	10	24	SF S	-4.91	-0.25	0.00	4.92	10
4	CPP ENE	2.64	1.01	0.00	2.83	10	25	SF SSW	-5.70	1.38	0.00	5.86	10
5	CPP E	2.60	0.00	0.00	2.60	10	26	SF SW	-6.28	2.06	0.00	6.61	10
6	CPP ESE	2.53	-0.97	0.00	2.71	10	27	SF WSW	-6.24	2.92	0.00	6.89	10
7	CPP SSE	0.85	-2.25	0.00	2.41	10	28	SF W	-7.02	3.43	0.00	7.81	10
8	CPP SE	2.13	-2.14	0.00	3.02	10	29	SF WNW	-6.98	4.21	0.00	8.15	10
9	CPP S	0.00	-2.87	0.00	2.87	10	30	SF NW	-6.24	4.69	0.00	7.81	10
10	CPP SSW	-1.09	-2.84	0.00	3.04	10	31	SF NNW	-5.40	4.67	0.00	7.14	10
11	CPP SW	-2.44	-2.43	0.00	3.44	10	32	SF ESE	-3.00	2.69	0.00	4.03	10
12	CPP WSW	-2.37	-0.90	0.00	2.54	10	33	Daniels Ranch	2.13	0.02	0.00	2.13	10
13	CPP W	-2.32	0.00	0.00	2.32	10	34	Spencer Ranch	-2.00	1.21	0.00	2.34	10
14	CPP WNW	-2.29	0.87	0.00	2.45	10	35	BC Ranch	-6.64	3.81	0.00	7.66	10
15	CPP NW	-2.55	2.52	0.00	3.59	10	36	Puttman Ranch	-5.16	7.23	0.00	8.88	10
16	CPP NNW	-1.42	3.70	0.00	3.96	10	37	Englebert Ranch	0.30	-4.83	0.00	4.84	10
17	SF N	-4.92	5.28	0.00	7.22	10	38	Burdock School	-2.25	-1.96	0.00	2.98	10
18	SF NNE	-4.23	5.25	0.00	6.74	10	39	Heck Ranch	1.73	-6.38	0.00	6.61	10
19	SF NE	-2.70	5.64	0.00	6.25	10	40	Edgemont	11.03	-18.59	0.00	21.62	10
20	SF ENE	-3.35	4.01	0.00	5.23	10	41	Background	-5.25	-3.00	0.00	6.05	10
21	SF E	-2.97	3.43	0.00	4.54	10							

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2008.00	0.50	0.50	0.50	0.50	0.00	0.00	0.00	2.50

IPACT EQUALS 0, 0, 0, 1,

JC EQUALS 1, 1, 1, 1, 0, 0, 0, 0, 1, 0

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1
2		100.00	0

```
XRHO EQUALS    1.5,   2.5,   3.5,   4.5,   7.5,  15.0,  25.0,  35.0,  45.0,  55.0,  65.0,
75.0,

HDP EQUALS  50.0
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POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

02/23/09

POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0- 3.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0-10.0	0	0	0	0	0	0	0	2	11	3	0	0	0	8	6	2
10.0-20.0	26	12	10	0	24	21	12	18	0	7	0	19	0	6	2	0
20.0-30.0	165	8	15	154	47	26	342	649	7	0	0	14	0	2	0	35
30.0-40.0	54	59	494	282	501	76	18	52	6	2	29	15	2	2	10	234
40.0-50.0	25	64	3852	21	4651	329	32	7	18	2	18	4	10	18	22	4129
50.0-60.0	25	229	391	73	278	183	12	30	2	25	21	28	0	57	30	121
60.0-70.0	39	780	1825	268	70	143	13	20	17	21	23	8	22	58	50	316
70.0-80.0	58	386	3427	539	95	136	34	30	44	48	61	9	18	33	72	77
1.0-80.0	392	1538	10014	1337	5666	914	463	808	106	108	152	103	52	184	192	4914

TOTAL 1-80 KM POPULATION IS 26943 PERSONS

POWERTECH (USA) INC.

NUMBER OF SOURCES= 4

PSIZE	KM X	KM Y	M Z	KM2 AREA	U-238	Th-230	Ra-226	Pb-210	Rn-222	ID	M/SEC EXIT VEL	SOURCE NAME
					CI/YEAR							
1	-4.92	3.43	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1001	3.30E+00	SF
2	1.83	-0.56	0.00	0.9130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1002	0.00E+00	CPP Wellfield
3	-3.86	3.48	0.00	0.8380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1003	0.00E+00	SF Wellfield
4	0.00	0.00	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1004	3.30E+00	CPP

INPUT TAILS ACTIVITIES, PCI/G

SET	URANIUM	THORIUM	RADIUM	LEAD
1	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AMAD AND FRACTIONAL DISTRIBUTION

SET	1.5	3.0	7.7	54.0
1	0.000	1.000	0.000	0.000
2	1.000	0.000	0.000	0.000
3	0.000	0.000	0.300	0.700

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 100.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 100.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.015E+01	2.002E+01	1.361E+01	9.042E+00	2.174E-05	1.234E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01	8.437E+00	2.093E-05	1.032E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00	7.884E+00	2.270E-05	9.047E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00	6.425E+00	2.245E-05	7.053E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00	4.410E+00	2.687E-05	4.516E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00	2.211E+00	3.423E-05	2.185E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00	1.270E+00	3.703E-05	1.248E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01	8.516E-01	3.721E-05	8.353E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01	6.243E-01	3.672E-05	6.121E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01	4.841E-01	3.603E-05	4.746E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01	3.900E-01	3.530E-05	3.824E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01	3.229E-01	3.456E-05	3.166E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	1.586E+01	1.586E+01	4.528E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	1.134E+01	1.134E+01	4.361E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	9.082E+00	9.082E+00	4.729E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	6.643E+00	6.643E+00	4.675E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	3.856E+00	3.856E+00	5.597E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	1.770E+00	1.770E+00	7.130E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	1.002E+00	1.002E+00	7.714E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	6.696E-01	6.696E-01	7.752E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	4.904E-01	4.904E-01	7.648E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	3.802E-01	3.802E-01	7.505E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	3.063E-01	3.063E-01	7.352E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	2.536E-01	2.536E-01	7.199E+01

POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.813E+01	2.707E+01	1.255E+01	6.714E+00	2.404E-05	1.166E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01	6.450E+00	2.509E-05	1.010E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00	6.680E+00	2.817E-05	8.744E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00	6.398E+00	3.107E-05	7.523E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00	4.237E+00	3.401E-05	4.432E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00	2.149E+00	3.731E-05	2.163E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00	1.237E+00	3.694E-05	1.227E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01	8.430E-01	3.602E-05	8.311E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01	6.254E-01	3.504E-05	6.150E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01	4.894E-01	3.412E-05	4.806E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01	3.972E-01	3.327E-05	3.898E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01	3.309E-01	3.248E-05	3.246E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.144E+01	2.144E+01	2.144E+01	5.007E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.639E+01	1.639E+01	1.639E+01	5.225E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	1.076E+01	1.076E+01	5.868E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.933E+00	7.933E+00	7.933E+00	6.472E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	3.953E+00	3.953E+00	7.085E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.805E+00	1.805E+00	1.805E+00	7.771E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	9.993E-01	9.993E-01	7.695E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-01	6.709E-01	6.709E-01	7.503E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	4.947E-01	4.947E-01	7.300E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.859E-01	3.859E-01	3.859E-01	7.108E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	3.127E-01	3.127E-01	6.930E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.602E-01	2.602E-01	2.602E-01	6.765E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.331E+01	4.292E+01	2.648E+01	1.553E+01	4.259E-05	2.364E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01	1.808E+01	5.789E-05	2.262E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01	1.772E+01	7.203E-05	2.008E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01	1.715E+01	8.683E-05	1.840E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01	1.225E+01	1.084E-04	1.236E-04
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00	6.311E+00	1.198E-04	6.242E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00	3.558E+00	1.175E-04	3.497E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00	2.367E+00	1.128E-04	2.322E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00	1.722E+00	1.082E-04	1.689E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00	1.326E+00	1.040E-04	1.300E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00	1.060E+00	1.003E-04	1.040E-05
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01	8.719E-01	9.691E-05	8.548E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.400E+01	3.400E+01	3.400E+01	8.872E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	2.520E+01	2.520E+01	1.206E+02
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	1.966E+01	1.966E+01	1.500E+02
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	1.675E+01	1.675E+01	1.809E+02
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	1.034E+01	1.034E+01	2.257E+02
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	5.063E+00	5.063E+00	2.495E+02
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	2.812E+00	2.812E+00	2.448E+02
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	1.863E+00	1.863E+00	2.350E+02
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	1.354E+00	1.354E+00	2.254E+02
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	1.042E+00	1.042E+00	2.167E+02
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	8.329E-01	8.329E-01	2.089E+02
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	6.848E-01	6.848E-01	2.019E+02

POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01	1.140E+01	3.217E-05	1.416E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	1.607E+01	4.130E-05	1.911E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	1.774E+01	4.408E-05	2.098E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	1.583E+01	3.989E-05	1.867E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	6.549E+00	2.777E-05	7.037E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	1.662E+00	2.181E-05	1.689E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	8.517E-01	2.081E-05	8.528E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	5.526E-01	1.963E-05	5.479E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	3.994E-01	1.866E-05	3.939E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	3.075E-01	1.785E-05	3.024E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	2.467E-01	1.717E-05	2.423E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	2.039E-01	1.657E-05	2.001E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.678E+01	1.678E+01	1.678E+01	6.700E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01	2.041E+01	2.041E+01	8.603E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01	2.177E+01	2.177E+01	9.182E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01	1.916E+01	1.916E+01	8.308E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.389E+00	6.389E+00	5.785E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00	1.437E+00	1.437E+00	4.544E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01	7.045E-01	7.045E-01	4.334E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	4.456E-01	4.456E-01	4.089E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01	3.181E-01	3.181E-01	3.887E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01	2.432E-01	2.432E-01	3.719E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01	1.945E-01	1.945E-01	3.576E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01	1.605E-01	1.605E-01	3.451E+01

POWERTECH (USA) INC.

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.244E+01	2.212E+01	1.586E+01	1.157E+01	2.895E-05	1.463E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.754E+01	2.725E+01	2.004E+01	1.422E+01	2.894E-05	1.827E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.036E+01	3.983E+01	2.712E+01	1.708E+01	2.768E-05	2.422E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.068E+01	5.017E+01	3.070E+01	1.656E+01	2.276E-05	2.691E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E+00	8.976E+00	6.490E+00	4.549E+00	1.514E-05	5.912E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.882E+00	1.883E+00	1.791E+00	1.694E+00	2.013E-05	1.734E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.515E-01	8.520E-01	8.431E-01	8.267E-01	1.998E-05	8.236E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.255E-01	5.258E-01	5.256E-01	5.225E-01	1.909E-05	5.155E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.708E-01	3.710E-01	3.721E-01	3.719E-01	1.831E-05	3.656E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.814E-01	2.816E-01	2.827E-01	2.832E-01	1.762E-05	2.780E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.241E-01	2.242E-01	2.252E-01	2.258E-01	1.704E-05	2.215E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.842E-01	1.843E-01	1.851E-01	1.857E-01	1.652E-05	1.821E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.752E+01	1.752E+01	1.752E+01	6.030E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	2.158E+01	2.158E+01	6.027E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	3.154E+01	3.154E+01	5.765E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	3.974E+01	3.974E+01	4.740E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	7.109E+00	7.109E+00	3.154E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	1.491E+00	1.491E+00	4.192E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	6.748E-01	6.748E-01	4.161E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	4.165E-01	4.165E-01	3.977E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	2.939E-01	2.939E-01	3.815E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	2.230E-01	2.230E-01	3.671E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	1.776E-01	1.776E-01	3.550E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	1.460E-01	1.460E-01	3.441E+01

POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04	6.713E-05	6.590E-05	1.008E-04	1.468E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04	1.315E-04	4.589E-04	1.525E-03	7.367E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04	7.161E-03	7.122E-04	3.256E-03	5.992E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04	3.978E-05	1.340E-04	4.778E-04	9.357E-04
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03	1.192E-02	6.941E-04	1.705E-04	2.260E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04	1.037E-03	5.584E-04	4.245E-04	3.950E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05	1.554E-04	5.656E-05	5.972E-05	1.524E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04	5.281E-05	2.181E-04	1.405E-04	2.040E-04
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05	1.425E-04	1.523E-05	1.248E-04	3.123E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05	9.458E-06	1.103E-04	8.731E-05	1.894E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05	4.951E-05	5.388E-05	5.558E-05	1.399E-04
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05	6.827E-06	4.478E-05	1.210E-05	1.297E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06	1.365E-05	0.000E+00	2.764E-05	2.184E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06	2.411E-05	7.350E-05	7.236E-05	3.992E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05	3.212E-05	4.205E-05	6.762E-05	9.474E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04	9.662E-03	2.735E-04	6.915E-04	1.635E-04

TOTAL DOSE COMMITMENT IS 6.465E-02 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03	5.438E-04	5.337E-04	8.156E-04	1.188E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03	1.065E-03	3.716E-03	1.234E-02	5.960E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03	5.801E-02	5.766E-03	2.635E-02	4.847E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03	3.222E-04	1.085E-03	3.867E-03	7.569E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02	9.657E-02	5.620E-03	1.380E-03	1.828E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03	8.400E-03	4.521E-03	3.436E-03	3.195E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04	1.259E-03	4.580E-04	4.833E-04	1.233E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03	4.278E-04	1.766E-03	1.137E-03	1.650E-03
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04	1.154E-03	1.233E-04	1.010E-03	2.526E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05	7.661E-05	8.932E-04	7.066E-04	1.532E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04	4.011E-04	4.362E-04	4.499E-04	1.131E-03
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04	5.531E-05	3.626E-04	9.797E-05	1.049E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05	1.106E-04	0.000E+00	2.237E-04	1.767E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05	1.953E-04	5.952E-04	5.857E-04	3.230E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04	2.603E-04	3.406E-04	5.473E-04	7.665E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03	7.828E-02	2.214E-03	5.597E-03	1.323E-03

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05	8.547E-06	8.610E-06	1.350E-05	2.018E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05	1.678E-05	6.011E-05	2.049E-04	1.015E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04	9.159E-04	9.348E-05	4.385E-04	8.275E-04
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05	5.093E-06	1.760E-05	6.437E-05	1.292E-04
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04	1.527E-03	9.115E-05	2.295E-05	3.117E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05	1.326E-04	7.313E-05	5.693E-05	5.421E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05	1.989E-05	7.417E-06	8.020E-06	2.095E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05	6.774E-06	2.870E-05	1.895E-05	2.820E-05
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06	1.828E-05	2.005E-06	1.686E-05	4.325E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06	1.212E-06	1.451E-05	1.178E-05	2.621E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05	6.329E-06	7.068E-06	7.481E-06	1.930E-05
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06	8.693E-07	5.848E-06	1.621E-06	1.780E-06
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07	1.730E-06	0.000E+00	3.677E-06	2.975E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07	3.056E-06	9.551E-06	9.637E-06	5.447E-06
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06	4.070E-06	5.463E-06	9.002E-06	1.292E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05	1.226E-03	3.561E-05	9.233E-05	2.238E-05

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02	1.934E-02	1.499E-02	1.884E-02	2.320E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02	3.619E-02	1.000E-01	2.736E-01	1.118E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01	1.961E+00	1.551E-01	5.852E-01	9.126E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01	1.123E-02	3.021E-02	8.924E-02	1.485E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01	3.629E+00	1.692E-01	3.452E-02	3.900E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01	3.738E-01	1.628E-01	1.038E-01	8.305E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02	5.658E-02	1.673E-02	1.486E-02	3.270E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01	1.538E-02	5.103E-02	2.737E-02	3.395E-02
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02	3.843E-02	3.286E-03	2.233E-02	4.753E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03	2.486E-03	2.312E-02	1.513E-02	2.783E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02	1.337E-02	1.158E-02	9.870E-03	2.105E-02
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	2.094E-03	1.096E-02	2.458E-03	2.244E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03	5.017E-03	0.000E+00	6.751E-03	4.557E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03	8.344E-03	2.005E-02	1.625E-02	7.597E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03	1.124E-02	1.163E-02	1.542E-02	1.835E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01	3.050E+00	6.804E-02	1.414E-01	2.830E-02

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05	5.772E-06	5.212E-06	7.505E-06	1.045E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05	1.111E-05	3.580E-05	1.123E-04	5.191E-05
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05	6.041E-04	5.553E-05	2.398E-04	4.225E-04
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05	3.394E-06	1.056E-05	3.557E-05	6.667E-05
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04	1.047E-03	5.618E-05	1.300E-05	1.645E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05	9.766E-05	4.822E-05	3.438E-05	3.045E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06	1.470E-05	4.911E-06	4.866E-06	1.182E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05	4.559E-06	1.741E-05	1.059E-05	1.471E-05
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06	1.195E-05	1.184E-06	9.181E-06	2.202E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07	7.860E-07	8.501E-06	6.366E-06	1.324E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06	4.156E-06	4.185E-06	4.080E-06	9.835E-06
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06	6.014E-07	3.630E-06	9.235E-07	9.451E-07
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07	1.296E-06	0.000E+00	2.238E-06	1.680E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07	2.231E-06	6.191E-06	5.697E-06	2.988E-06
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06	2.987E-06	3.560E-06	5.351E-06	7.126E-06
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05	8.610E-04	2.229E-05	5.288E-05	1.192E-05

TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 16
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.301E-04	2.294E-03	5.034E-04	1.708E-04	1.325E-04	1.665E-04	2.050E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.194E-04	8.221E-05	4.037E-04	3.196E-04	8.836E-04	2.417E-03	9.879E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.567E-04	1.348E-04	3.001E-03	1.728E-02	1.368E-03	5.167E-03	8.060E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.486E-03	1.814E-03	9.885E-05	2.663E-04	7.873E-04	1.311E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.672E-04	6.380E-04	4.628E-03	3.186E-02	1.490E-03	3.044E-04	3.441E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.011E-04	5.003E-04	1.003E-03	3.249E-03	1.425E-03	9.122E-04	7.315E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.934E-04	9.827E-03	3.607E-04	4.861E-04	1.452E-04	1.298E-04	2.868E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.821E-04	1.248E-03	2.540E-02	1.367E-03	1.352E-04	4.497E-04	2.415E-04	2.997E-04
S	0.000E+00	2.074E-04	0.000E+00	0.000E+00	1.483E-03	0.000E+00	2.727E-04	1.555E-04	3.393E-04	2.902E-05	1.973E-04	4.199E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.191E-04	3.485E-04	0.000E+00	3.156E-05	2.196E-05	2.043E-04	1.337E-04	2.459E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.749E-04	1.181E-04	1.023E-04	8.720E-05	1.860E-04
WSW	0.000E+00	0.000E+00	9.933E-04	0.000E+00	0.000E+00	4.195E-04	1.489E-04	9.869E-05	1.838E-05	9.650E-05	2.167E-05	1.980E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.212E-05	4.377E-05	0.000E+00	5.943E-05	4.019E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.200E-04	1.121E-04	1.815E-05	1.145E-05	7.331E-05	1.767E-04	1.434E-04	6.709E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.931E-04	4.433E-05	0.000E+00	6.322E-05	9.871E-05	1.025E-04	1.361E-04	1.621E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-04	0.000E+00	5.039E-04	2.139E-03	2.689E-02	6.006E-04	1.249E-03	2.500E-04

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 18
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 20
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 21
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 22
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 23
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01	1.888E-01	2.090E+01
GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.513E-01	7.104E-01	1.950E-01	5.794E-01	3.755E-01	2.108E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01
TOTALS	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI

INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01	1.888E-01	2.090E+01
GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01
TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00	8.360E+00	7.189E+01

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ----------------------------  ----------------------------------------------  -------------
----------------------------------
  6  CPP ESE                1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  6  CPP ESE                2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  6  CPP ESE                3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  6  CPP ESE                4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ----------------------------  ----------------------------------------------  -------------
----------------------------------
  7  CPP SSE                1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  7  CPP SSE                2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  7  CPP SSE                3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  7  CPP SSE                4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ----------------------------  ----------------------------------------------  -------------
----------------------------------
  8  CPP SE                 1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  8  CPP SE                 2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  8  CPP SE                 3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
  8  CPP SE                 4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
9	CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------   ---------------------------------------------   -------------
----------------------------------
 14  CPP WNW                1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 14  CPP WNW                2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 14  CPP WNW                3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 14  CPP WNW                4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------   ---------------------------------------------   -------------
----------------------------------
 15  CPP NW                 1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 15  CPP NW                 2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 15  CPP NW                 3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 15  CPP NW                 4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------   ---------------------------------------------   -------------
----------------------------------
 16  CPP NNW                1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 16  CPP NNW                2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 16  CPP NNW                3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 16  CPP NNW                4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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POWERTECH (USA) INC.

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------  ----------------------------------------------  -------------
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 22  SF SSE                 1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 22  SF SSE                 2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 22  SF SSE                 3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 22  SF SSE                 4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------  ----------------------------------------------  -------------
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 23  SF SE                  1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 23  SF SE                  2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 23  SF SE                  3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 23  SF SE                  4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------  ----------------------------------------------  -------------
-----------------------------------
 24  SF S                   1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 24  SF S                   2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 24  SF S                   3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 24  SF S                   4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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POWERTECH (USA) INC.

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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 30  SF NW                  1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 30  SF NW                  2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 30  SF NW                  3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 30  SF NW                  4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ---------------------------  ----------------------------------------------  -------------
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 31  SF NNW                 1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 31  SF NNW                 2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 31  SF NNW                 3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 31  SF NNW                 4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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-----------------------------------
 32  SF ESE                 1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 32  SF ESE                 2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 32  SF ESE                 3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 32  SF ESE                 4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
    CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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   CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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 38  Burdock School        1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 38  Burdock School        2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 38  Burdock School        3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 38  Burdock School        4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
   CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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 39  Heck Ranch            1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 39  Heck Ranch            2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 39  Heck Ranch            3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 39  Heck Ranch            4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
   CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 ----------------------------  ------------------------------------------------  -------------
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 40  Edgemont              1    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 40  Edgemont              2    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 40  Edgemont              3    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
 40  Edgemont              4    0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
   CONCENTRATION TOTALS        0.000E+00    0.000E+00    0.000E+00    0.000E+00    0.000E+00
0.000E+00    0.000E+00    0.000E+00
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POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
41	Background	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

POWERTECH (USA) INC.

TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3
GROUND CONCENTRATIONS, PCI/M2

NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	1.291E+01	1.288E+01	1.043E+01	8.061E+00	2.086E-05	5.920E-08	4.717E-12	9.621E-05	1.020E+01	1.020E+01	1.020E+01	8.844E+00
2	1.071E+01	1.070E+01	8.949E+00	7.133E+00	2.169E-05	7.509E-08	7.492E-12	8.300E-05	8.477E+00	8.477E+00	8.477E+00	9.198E+00
3	1.815E+01	1.802E+01	1.216E+01	7.896E+00	2.277E-05	9.245E-08	1.097E-11	1.096E-04	1.427E+01	1.427E+01	1.427E+01	9.656E+00
4	1.310E+01	1.305E+01	9.394E+00	6.493E+00	2.411E-05	1.269E-07	1.929E-11	8.529E-05	1.034E+01	1.034E+01	1.034E+01	1.022E+01
5	2.224E+01	2.158E+01	1.126E+01	6.548E+00	2.525E-05	1.444E-07	2.345E-11	1.038E-04	1.709E+01	1.709E+01	1.709E+01	1.071E+01
6	4.589E+01	4.303E+01	1.808E+01	8.724E+00	3.023E-05	1.799E-07	3.082E-11	1.685E-04	3.408E+01	3.408E+01	3.408E+01	1.282E+01
7	3.935E+01	3.916E+01	2.752E+01	1.795E+01	5.151E-05	2.514E-07	3.890E-11	2.468E-04	3.102E+01	3.102E+01	3.102E+01	2.184E+01
8	4.688E+01	4.611E+01	2.836E+01	1.663E+01	4.686E-05	2.550E-07	4.440E-11	2.533E-04	3.652E+01	3.652E+01	3.652E+01	1.987E+01
9	2.845E+01	2.843E+01	2.330E+01	1.792E+01	6.303E-05	3.075E-07	4.591E-11	2.142E-04	2.252E+01	2.252E+01	2.252E+01	2.673E+01
10	2.047E+01	2.047E+01	1.802E+01	1.521E+01	6.580E-05	3.278E-07	4.604E-11	1.692E-04	1.621E+01	1.621E+01	1.621E+01	2.790E+01
11	1.757E+01	1.757E+01	1.604E+01	1.423E+01	6.340E-05	2.895E-07	3.566E-11	1.525E-04	1.392E+01	1.392E+01	1.392E+01	2.688E+01
12	2.159E+01	2.153E+01	1.823E+01	1.508E+01	4.915E-05	1.672E-07	1.539E-11	1.708E-04	1.705E+01	1.705E+01	1.705E+01	2.084E+01
13	2.524E+01	2.507E+01	1.989E+01	1.545E+01	4.020E-05	1.113E-07	8.418E-12	1.843E-04	1.986E+01	1.986E+01	1.986E+01	1.704E+01
14	2.687E+01	2.659E+01	1.973E+01	1.416E+01	2.957E-05	6.842E-08	4.454E-12	1.802E-04	2.106E+01	2.106E+01	2.106E+01	1.254E+01
15	3.148E+01	3.045E+01	1.732E+01	9.495E+00	1.473E-05	3.442E-08	2.740E-12	1.546E-04	2.412E+01	2.412E+01	2.412E+01	6.245E+00
16	1.287E+01	1.278E+01	9.745E+00	7.102E+00	1.720E-05	4.946E-08	4.179E-12	8.906E-05	1.012E+01	1.012E+01	1.012E+01	7.294E+00
17	1.485E+01	1.477E+01	9.790E+00	5.896E+00	1.484E-05	7.464E-08	1.256E-11	8.683E-05	1.169E+01	1.169E+01	1.169E+01	6.293E+00
18	1.430E+01	1.423E+01	9.421E+00	5.673E+00	1.514E-05	7.499E-08	1.184E-11	8.358E-05	1.127E+01	1.127E+01	1.127E+01	6.417E+00
19	9.273E+00	9.261E+00	7.438E+00	5.548E+00	1.806E-05	8.117E-08	1.114E-11	6.794E-05	7.335E+00	7.335E+00	7.335E+00	7.656E+00
20	2.163E+01	2.102E+01	9.170E+00	4.322E+00	1.114E-05	4.812E-08	6.131E-12	8.427E-05	1.665E+01	1.665E+01	1.665E+01	4.722E+00
21	3.005E+01	2.819E+01	1.242E+01	5.807E+00	1.147E-05	3.964E-08	4.321E-12	1.137E-04	2.233E+01	2.233E+01	2.233E+01	4.864E+00
22	2.881E+01	2.876E+01	2.349E+01	1.800E+01	4.244E-05	1.083E-07	7.783E-12	2.158E-04	2.278E+01	2.278E+01	2.278E+01	1.799E+01
23	3.572E+01	3.523E+01	2.448E+01	1.603E+01	2.774E-05	5.779E-08	3.706E-12	2.202E-04	2.791E+01	2.791E+01	2.791E+01	1.176E+01
24	2.101E+01	2.101E+01	1.820E+01	1.480E+01	4.195E-05	1.294E-07	1.154E-11	1.691E-04	1.664E+01	1.664E+01	1.664E+01	1.779E+01
25	1.919E+01	1.918E+01	1.453E+01	9.778E+00	2.076E-05	6.840E-08	8.192E-12	1.299E-04	1.519E+01	1.519E+01	1.519E+01	8.803E+00
26	1.359E+01	1.355E+01	9.853E+00	6.497E+00	1.613E-05	6.890E-08	1.022E-11	8.815E-05	1.074E+01	1.074E+01	1.074E+01	6.839E+00
27	1.293E+01	1.266E+01	7.922E+00	4.812E+00	1.365E-05	7.071E-08	1.172E-11	7.115E-05	1.003E+01	1.003E+01	1.003E+01	5.789E+00
28	8.772E+00	8.641E+00	6.092E+00	4.287E+00	1.488E-05	8.475E-08	1.547E-11	5.578E-05	6.844E+00	6.844E+00	6.844E+00	6.311E+00

29	7.502E+00	7.441E+00	5.413E+00	3.869E+00	1.426E-05	8.570E-08	1.630E-11	4.954E-05	5.894E+00	5.894E+00	5.894E+00	6.046E+00
30	9.708E+00	9.575E+00	6.402E+00	4.193E+00	1.373E-05	7.983E-08	1.470E-11	5.796E-05	7.584E+00	7.584E+00	7.584E+00	5.821E+00
31	1.616E+01	1.584E+01	8.855E+00	4.754E+00	1.261E-05	6.904E-08	1.188E-11	7.894E-05	1.254E+01	1.254E+01	1.254E+01	5.348E+00
32	4.841E+01	4.624E+01	2.123E+01	9.407E+00	1.299E-05	3.433E-08	3.239E-12	1.904E-04	3.662E+01	3.662E+01	3.662E+01	5.506E+00
33	2.186E+01	2.141E+01	1.083E+01	6.301E+00	2.446E-05	1.341E-07	2.054E-11	1.005E-04	1.695E+01	1.695E+01	1.695E+01	1.037E+01
34	2.538E+01	2.506E+01	1.805E+01	1.268E+01	2.556E-05	5.768E-08	3.680E-12	1.646E-04	1.985E+01	1.985E+01	1.985E+01	1.084E+01
35	9.755E+00	9.569E+00	6.264E+00	4.097E+00	1.347E-05	7.716E-08	1.399E-11	5.690E-05	7.579E+00	7.579E+00	7.579E+00	5.713E+00
36	7.446E+00	7.446E+00	6.526E+00	5.463E+00	2.320E-05	1.338E-07	2.484E-11	6.113E-05	5.898E+00	5.898E+00	5.898E+00	9.836E+00
37	2.007E+01	2.008E+01	1.851E+01	1.655E+01	8.809E-05	5.464E-07	9.988E-11	1.762E-04	1.590E+01	1.590E+01	1.590E+01	3.735E+01
38	1.888E+01	1.887E+01	1.676E+01	1.446E+01	5.834E-05	2.459E-07	2.811E-11	1.584E-04	1.495E+01	1.495E+01	1.495E+01	2.473E+01
39	1.699E+01	1.700E+01	1.603E+01	1.492E+01	1.029E-04	7.766E-07	1.701E-10	1.545E-04	1.346E+01	1.346E+01	1.346E+01	4.363E+01
40	4.011E+00	4.014E+00	3.946E+00	3.852E+00	9.855E-05	2.343E-06	1.432E-09	3.851E-05	3.179E+00	3.179E+00	3.179E+00	4.179E+01
41	1.149E+01	1.149E+01	1.100E+01	1.035E+01	5.828E-05	3.092E-07	4.274E-11	1.062E-04	9.101E+00	9.101E+00	9.101E+00	2.471E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 31
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 1 NAME=CPP N X= 0.0KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.07E+00	1.05E-01	9.44E-02	1.52E-01	1.16E-01	1.62E+01
CHILD	TOTALS	1.06E+00	1.12E-01	9.69E-02	1.22E-01	1.07E-01	1.62E+01
TEENAGE	TOTALS	1.06E+00	1.31E-01	9.86E-02	1.10E-01	1.03E-01	1.62E+01
ADULT	TOTALS	1.07E+00	1.30E-01	1.01E-01	1.10E-01	1.04E-01	1.62E+01

NUMBER 2 NAME=CPP NNE X= 1.1KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	8.89E-01	9.39E-02	8.32E-02	1.43E-01	1.06E-01	1.35E+01
CHILD	TOTALS	8.88E-01	1.02E-01	8.58E-02	1.12E-01	9.58E-02	1.35E+01
TEENAGE	TOTALS	8.89E-01	1.22E-01	8.76E-02	9.89E-02	9.20E-02	1.35E+01
ADULT	TOTALS	8.89E-01	1.20E-01	8.98E-02	9.93E-02	9.29E-02	1.35E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 32
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 3 NAME=CPP NE X= 1.2KM, Y= 1.2KM, Z= 0.0M, DIST= 1.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.46E+00	1.07E-01	9.61E-02	1.59E-01	1.20E-01	2.28E+01
CHILD	TOTALS	1.46E+00	1.15E-01	9.88E-02	1.27E-01	1.09E-01	2.28E+01
TEENAGE	TOTALS	1.46E+00	1.36E-01	1.01E-01	1.13E-01	1.05E-01	2.28E+01
ADULT	TOTALS	1.46E+00	1.35E-01	1.03E-01	1.13E-01	1.06E-01	2.28E+01

NUMBER 4 NAME=CPP ENE X= 2.6KM, Y= 1.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.06E+00	9.00E-02	7.82E-02	1.44E-01	1.03E-01	1.64E+01
CHILD	TOTALS	1.06E+00	9.87E-02	8.11E-02	1.10E-01	9.22E-02	1.64E+01
TEENAGE	TOTALS	1.06E+00	1.21E-01	8.30E-02	9.56E-02	8.79E-02	1.64E+01
ADULT	TOTALS	1.06E+00	1.19E-01	8.55E-02	9.60E-02	8.89E-02	1.64E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 33
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 5 NAME=CPP E X= 2.6KM, Y= 0.0KM, Z= 0.0M, DIST= 2.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.75E+00	9.49E-02	8.26E-02	1.52E-01	1.09E-01	2.79E+01
CHILD	TOTALS	1.75E+00	1.04E-01	8.56E-02	1.16E-01	9.73E-02	2.79E+01
TEENAGE	TOTALS	1.75E+00	1.27E-01	8.77E-02	1.01E-01	9.27E-02	2.79E+01
ADULT	TOTALS	1.75E+00	1.26E-01	9.02E-02	1.01E-01	9.38E-02	2.79E+01

NUMBER 6 NAME=CPP ESE X= 2.5KM, Y= -1.0KM, Z= 0.0M, DIST= 2.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.56E+00	1.31E-01	1.16E-01	1.99E-01	1.48E-01	5.75E+01
CHILD	TOTALS	3.56E+00	1.42E-01	1.20E-01	1.57E-01	1.34E-01	5.75E+01
TEENAGE	TOTALS	3.56E+00	1.70E-01	1.22E-01	1.38E-01	1.28E-01	5.75E+01
ADULT	TOTALS	3.56E+00	1.68E-01	1.25E-01	1.38E-01	1.30E-01	5.75E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 34
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 7 NAME=CPP SSE X= 0.9KM, Y= -2.3KM, Z= 0.0M, DIST= 2.4KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.18E+00	2.43E-01	2.18E-01	3.60E-01	2.71E-01	4.94E+01
CHILD	TOTALS	3.17E+00	2.62E-01	2.24E-01	2.87E-01	2.48E-01	4.94E+01
TEENAGE	TOTALS	3.17E+00	3.09E-01	2.28E-01	2.55E-01	2.39E-01	4.94E+01
ADULT	TOTALS	3.18E+00	3.06E-01	2.34E-01	2.56E-01	2.41E-01	4.94E+01

NUMBER 8 NAME=CPP SE X= 2.1KM, Y= -2.1KM, Z= 0.0M, DIST= 3.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.73E+00	2.30E-01	2.07E-01	3.36E-01	2.56E-01	5.88E+01
CHILD	TOTALS	3.73E+00	2.47E-01	2.13E-01	2.70E-01	2.34E-01	5.88E+01
TEENAGE	TOTALS	3.73E+00	2.90E-01	2.17E-01	2.41E-01	2.26E-01	5.88E+01
ADULT	TOTALS	3.73E+00	2.87E-01	2.21E-01	2.42E-01	2.28E-01	5.88E+01

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1REGION: Dewey Burdock              CODE: MILDOS-AREA (02/97)          PAGE  35
 METSET:                            DATA: DBNOLA.MIL                   02/23/09
                                TIME STEP NUMBER 1,                          DURATION IN YRS
IS...  5.0

 NUMBER  9  NAME=CPP S                 X=   0.0KM, Y=  -2.9KM, Z=   0.0M, DIST=   2.9KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
             ---------------------------------------------------------------------------------------
----------------------
                 AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY         BRONCHI
             ---------------------------------------------------------------------------------------
----------------------
               INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00


                             TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
             ---------------------------------------------------------------------------------------
----------------------
                 AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY         BRONCHI
             ---------------------------------------------------------------------------------------
----------------------
               INFANT         TOTALS        2.35E+00      2.42E-01      2.11E-01      3.84E-01
2.76E-01       3.58E+01
               CHILD          TOTALS        2.35E+00      2.64E-01      2.18E-01      2.95E-01
2.47E-01       3.58E+01
               TEENAGE        TOTALS        2.35E+00      3.22E-01      2.24E-01      2.57E-01
2.36E-01       3.58E+01
               ADULT          TOTALS        2.35E+00      3.18E-01      2.30E-01      2.57E-01
2.39E-01       3.58E+01

 NUMBER 10  NAME=CPP SSW               X=  -1.1KM, Y=  -2.8KM, Z=   0.0M, DIST=   3.0KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
             ---------------------------------------------------------------------------------------
----------------------
                 AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY         BRONCHI
             ---------------------------------------------------------------------------------------
----------------------
               INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00
               ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00       0.00E+00


                             TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.72E+00	2.09E-01	1.77E-01	3.58E-01	2.45E-01	2.58E+01
CHILD	TOTALS	1.72E+00	2.33E-01	1.85E-01	2.65E-01	2.15E-01	2.58E+01
TEENAGE	TOTALS	1.72E+00	2.93E-01	1.90E-01	2.24E-01	2.03E-01	2.58E+01
ADULT	TOTALS	1.72E+00	2.89E-01	1.97E-01	2.25E-01	2.06E-01	2.58E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 36
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 11 NAME=CPP SW X= -2.4KM, Y= -2.4KM, Z= 0.0M, DIST= 3.4KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.49E+00	1.95E-01	1.64E-01	3.38E-01	2.30E-01	2.21E+01
CHILD	TOTALS	1.49E+00	2.18E-01	1.72E-01	2.49E-01	2.01E-01	2.21E+01
TEENAGE	TOTALS	1.49E+00	2.76E-01	1.77E-01	2.10E-01	1.89E-01	2.21E+01
ADULT	TOTALS	1.49E+00	2.72E-01	1.83E-01	2.11E-01	1.92E-01	2.21E+01

NUMBER 12 NAME=CPP WSW X= -2.4KM, Y= -0.9KM, Z= 0.0M, DIST= 2.5KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.80E+00	1.99E-01	1.75E-01	3.10E-01	2.26E-01	2.72E+01
CHILD	TOTALS	1.80E+00	2.17E-01	1.81E-01	2.41E-01	2.04E-01	2.72E+01
TEENAGE	TOTALS	1.80E+00	2.62E-01	1.85E-01	2.11E-01	1.95E-01	2.72E+01
ADULT	TOTALS	1.80E+00	2.59E-01	1.90E-01	2.11E-01	1.97E-01	2.72E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 37
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 13 NAME=CPP W X= -2.3KM, Y= 0.0KM, Z= 0.0M, DIST= 2.3KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.08E+00	2.01E-01	1.81E-01	2.91E-01	2.23E-01	3.17E+01
CHILD	TOTALS	2.08E+00	2.15E-01	1.86E-01	2.35E-01	2.04E-01	3.17E+01
TEENAGE	TOTALS	2.08E+00	2.52E-01	1.89E-01	2.10E-01	1.97E-01	3.17E+01
ADULT	TOTALS	2.08E+00	2.49E-01	1.93E-01	2.11E-01	1.99E-01	3.17E+01

NUMBER 14 NAME=CPP WNW X= -2.3KM, Y= 0.9KM, Z= 0.0M, DIST= 2.4KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.19E+00	1.82E-01	1.68E-01	2.49E-01	1.99E-01	3.37E+01
CHILD	TOTALS	2.19E+00	1.93E-01	1.72E-01	2.08E-01	1.85E-01	3.37E+01
TEENAGE	TOTALS	2.19E+00	2.20E-01	1.74E-01	1.89E-01	1.80E-01	3.37E+01
ADULT	TOTALS	2.19E+00	2.18E-01	1.77E-01	1.90E-01	1.81E-01	3.37E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 38
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 15 NAME=CPP NW X= -2.5KM, Y= 2.5KM, Z= 0.0M, DIST= 3.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.48E+00	1.27E-01	1.20E-01	1.60E-01	1.35E-01	3.95E+01
CHILD	TOTALS	2.48E+00	1.32E-01	1.22E-01	1.40E-01	1.28E-01	3.95E+01
TEENAGE	TOTALS	2.48E+00	1.46E-01	1.23E-01	1.31E-01	1.26E-01	3.95E+01
ADULT	TOTALS	2.48E+00	1.45E-01	1.24E-01	1.31E-01	1.26E-01	3.95E+01

NUMBER 16 NAME=CPP NNW X= -1.4KM, Y= 3.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.05E+00	9.25E-02	8.41E-02	1.31E-01	1.02E-01	1.62E+01
CHILD	TOTALS	1.05E+00	9.87E-02	8.62E-02	1.07E-01	9.41E-02	1.62E+01
TEENAGE	TOTALS	1.05E+00	1.15E-01	8.76E-02	9.66E-02	9.10E-02	1.62E+01
ADULT	TOTALS	1.05E+00	1.13E-01	8.93E-02	9.68E-02	9.17E-02	1.62E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 39
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 17 NAME=SF N X= -4.9KM, Y= 5.3KM, Z= 0.0M, DIST= 7.2KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.19E+00	8.01E-02	7.28E-02	1.14E-01	8.82E-02	1.86E+01
CHILD	TOTALS	1.19E+00	8.54E-02	7.46E-02	9.27E-02	8.14E-02	1.86E+01
TEENAGE	TOTALS	1.19E+00	9.90E-02	7.58E-02	8.35E-02	7.88E-02	1.86E+01
ADULT	TOTALS	1.19E+00	9.80E-02	7.73E-02	8.38E-02	7.94E-02	1.86E+01

NUMBER 18 NAME=SF NNE X= -4.2KM, Y= 5.3KM, Z= 0.0M, DIST= 6.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.14E+00	7.75E-02	7.01E-02	1.12E-01	8.58E-02	1.79E+01
CHILD	TOTALS	1.14E+00	8.30E-02	7.19E-02	9.04E-02	7.89E-02	1.79E+01
TEENAGE	TOTALS	1.14E+00	9.68E-02	7.31E-02	8.11E-02	7.62E-02	1.79E+01
ADULT	TOTALS	1.14E+00	9.58E-02	7.47E-02	8.13E-02	7.68E-02	1.79E+01

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1REGION: Dewey Burdock              CODE: MILDOS-AREA (02/97)          PAGE  40
 METSET:                            DATA: DBNOLA.MIL                   02/23/09
                                TIME STEP NUMBER 1,                          DURATION IN YRS
IS...  5.0

 NUMBER 19  NAME=SF NE                 X=  -2.7KM, Y=   5.6KM, Z=   0.0M, DIST=   6.3KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
              ---------------------------------------------------------------------------------------
----------------------
                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00


                             TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
              ---------------------------------------------------------------------------------------
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                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        7.63E-01      7.44E-02      6.56E-02      1.15E-01
8.43E-02      1.17E+01
              CHILD          TOTALS        7.62E-01      8.09E-02      6.78E-02      8.98E-02
7.61E-02      1.17E+01
              TEENAGE        TOTALS        7.63E-01      9.75E-02      6.92E-02      7.87E-02
7.29E-02      1.17E+01
              ADULT          TOTALS        7.63E-01      9.63E-02      7.11E-02      7.89E-02
7.36E-02      1.17E+01

 NUMBER 20  NAME=SF ENE                X=  -3.3KM, Y=   4.0KM, Z=   0.0M, DIST=   5.2KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
              ---------------------------------------------------------------------------------------
----------------------
                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00


                             TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.68E+00	6.30E-02	5.76E-02	8.82E-02	6.92E-02	2.71E+01
CHILD	TOTALS	1.68E+00	6.71E-02	5.89E-02	7.25E-02	6.41E-02	2.71E+01
TEENAGE	TOTALS	1.68E+00	7.73E-02	5.98E-02	6.57E-02	6.21E-02	2.71E+01
ADULT	TOTALS	1.68E+00	7.66E-02	6.10E-02	6.58E-02	6.25E-02	2.71E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 41
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 21 NAME=SF E X= -3.0KM, Y= 3.4KM, Z= 0.0M, DIST= 4.5KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.33E+00	8.29E-02	7.73E-02	1.09E-01	8.92E-02	3.76E+01
CHILD	TOTALS	2.33E+00	8.71E-02	7.87E-02	9.27E-02	8.40E-02	3.76E+01
TEENAGE	TOTALS	2.33E+00	9.76E-02	7.96E-02	8.56E-02	8.19E-02	3.76E+01
ADULT	TOTALS	2.33E+00	9.69E-02	8.08E-02	8.58E-02	8.24E-02	3.76E+01

NUMBER 22 NAME=SF SSE X= -3.5KM, Y= 0.2KM, Z= 0.0M, DIST= 3.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.38E+00	2.32E-01	2.11E-01	3.28E-01	2.55E-01	3.62E+01
CHILD	TOTALS	2.37E+00	2.47E-01	2.16E-01	2.68E-01	2.36E-01	3.62E+01
TEENAGE	TOTALS	2.38E+00	2.86E-01	2.19E-01	2.42E-01	2.28E-01	3.62E+01
ADULT	TOTALS	2.38E+00	2.83E-01	2.24E-01	2.42E-01	2.30E-01	3.62E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 42
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.88E+00	2.07E-01	1.94E-01	2.70E-01	2.22E-01	4.48E+01
CHILD	TOTALS	2.88E+00	2.17E-01	1.97E-01	2.31E-01	2.10E-01	4.48E+01
TEENAGE	TOTALS	2.88E+00	2.43E-01	1.99E-01	2.14E-01	2.05E-01	4.48E+01
ADULT	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01	2.06E-01	4.48E+01

NUMBER 24 NAME=SF S X= -4.9KM, Y= -0.3KM, Z= 0.0M, DIST= 4.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.75E+00	1.92E-01	1.72E-01	2.87E-01	2.15E-01	2.64E+01
CHILD	TOTALS	1.75E+00	2.08E-01	1.77E-01	2.28E-01	1.96E-01	2.64E+01
TEENAGE	TOTALS	1.75E+00	2.46E-01	1.80E-01	2.02E-01	1.89E-01	2.64E+01
ADULT	TOTALS	1.75E+00	2.43E-01	1.85E-01	2.03E-01	1.91E-01	2.64E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 43
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 25 NAME=SF SSW X= -5.7KM, Y= 1.4KM, Z= 0.0M, DIST= 5.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.56E+00	1.28E-01	1.17E-01	1.75E-01	1.39E-01	2.41E+01
CHILD	TOTALS	1.56E+00	1.35E-01	1.20E-01	1.45E-01	1.29E-01	2.41E+01
TEENAGE	TOTALS	1.56E+00	1.54E-01	1.22E-01	1.32E-01	1.26E-01	2.41E+01
ADULT	TOTALS	1.56E+00	1.53E-01	1.24E-01	1.33E-01	1.27E-01	2.41E+01

NUMBER 26 NAME=SF SW X= -6.3KM, Y= 2.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.10E+00	8.64E-02	7.85E-02	1.23E-01	9.53E-02	1.71E+01
CHILD	TOTALS	1.10E+00	9.22E-02	8.05E-02	1.00E-01	8.79E-02	1.71E+01
TEENAGE	TOTALS	1.10E+00	1.07E-01	8.18E-02	9.02E-02	8.50E-02	1.71E+01
ADULT	TOTALS	1.10E+00	1.06E-01	8.34E-02	9.04E-02	8.57E-02	1.71E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 44
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 27 NAME=SF WSW X= -6.2KM, Y= 2.9KM, Z= 0.0M, DIST= 6.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.03E+00	6.62E-02	5.95E-02	9.70E-02	7.37E-02	1.62E+01
CHILD	TOTALS	1.03E+00	7.11E-02	6.11E-02	7.78E-02	6.74E-02	1.62E+01
TEENAGE	TOTALS	1.03E+00	8.36E-02	6.22E-02	6.94E-02	6.50E-02	1.62E+01
ADULT	TOTALS	1.03E+00	8.27E-02	6.36E-02	6.96E-02	6.55E-02	1.62E+01

NUMBER 28 NAME=SF W X= -7.0KM, Y= 3.4KM, Z= 0.0M, DIST= 7.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	7.11E-01	5.87E-02	5.14E-02	9.24E-02	6.69E-02	1.10E+01
CHILD	TOTALS	7.11E-01	6.41E-02	5.32E-02	7.14E-02	6.01E-02	1.10E+01
TEENAGE	TOTALS	7.11E-01	7.77E-02	5.44E-02	6.22E-02	5.74E-02	1.10E+01
ADULT	TOTALS	7.11E-01	7.68E-02	5.59E-02	6.24E-02	5.80E-02	1.10E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 45
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 29 NAME=SF WNW X= -7.0KM, Y= 4.2KM, Z= 0.0M, DIST= 8.2KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.11E-01	5.33E-02	4.63E-02	8.55E-02	6.11E-02	9.42E+00
CHILD	TOTALS	6.10E-01	5.84E-02	4.80E-02	6.54E-02	5.46E-02	9.42E+00
TEENAGE	TOTALS	6.11E-01	7.15E-02	4.92E-02	5.66E-02	5.20E-02	9.42E+00
ADULT	TOTALS	6.11E-01	7.05E-02	5.06E-02	5.68E-02	5.26E-02	9.42E+00

NUMBER 30 NAME=SF NW X= -6.2KM, Y= 4.7KM, Z= 0.0M, DIST= 7.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	7.81E-01	5.77E-02	5.10E-02	8.88E-02	6.53E-02	1.22E+01
CHILD	TOTALS	7.80E-01	6.27E-02	5.27E-02	6.94E-02	5.90E-02	1.22E+01
TEENAGE	TOTALS	7.81E-01	7.53E-02	5.38E-02	6.10E-02	5.65E-02	1.22E+01
ADULT	TOTALS	7.81E-01	7.44E-02	5.52E-02	6.12E-02	5.71E-02	1.22E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 46
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 31 NAME=SF NNW X= -5.4KM, Y= 4.7KM, Z= 0.0M, DIST= 7.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.27E+00	6.68E-02	6.06E-02	9.53E-02	7.37E-02	2.03E+01
CHILD	TOTALS	1.27E+00	7.13E-02	6.21E-02	7.75E-02	6.80E-02	2.03E+01
TEENAGE	TOTALS	1.27E+00	8.29E-02	6.32E-02	6.98E-02	6.57E-02	2.03E+01
ADULT	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02	6.62E-02	2.03E+01

NUMBER 32 NAME=SF ESE X= -3.0KM, Y= 2.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.76E+00	1.33E-01	1.27E-01	1.62E-01	1.40E-01	6.06E+01
CHILD	TOTALS	3.76E+00	1.38E-01	1.28E-01	1.44E-01	1.34E-01	6.06E+01
TEENAGE	TOTALS	3.76E+00	1.50E-01	1.29E-01	1.36E-01	1.32E-01	6.06E+01
ADULT	TOTALS	3.76E+00	1.49E-01	1.31E-01	1.36E-01	1.32E-01	6.06E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 47
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.72E+00	9.15E-02	7.96E-02	1.47E-01	1.05E-01	2.74E+01
CHILD	TOTALS	1.72E+00	1.00E-01	8.25E-02	1.12E-01	9.38E-02	2.74E+01
TEENAGE	TOTALS	1.72E+00	1.23E-01	8.45E-02	9.73E-02	8.94E-02	2.74E+01
ADULT	TOTALS	1.72E+00	1.21E-01	8.70E-02	9.76E-02	9.04E-02	2.74E+01

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	2.06E+00	1.64E-01	1.51E-01	2.21E-01	1.78E-01	3.19E+01
CHILD	TOTALS	2.06E+00	1.73E-01	1.54E-01	1.85E-01	1.66E-01	3.19E+01
TEENAGE	TOTALS	2.06E+00	1.96E-01	1.56E-01	1.70E-01	1.61E-01	3.19E+01
ADULT	TOTALS	2.06E+00	1.95E-01	1.59E-01	1.70E-01	1.62E-01	3.19E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 48
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS
IS... 5.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	7.83E-01	5.65E-02	4.99E-02	8.70E-02	6.39E-02	1.22E+01
CHILD	TOTALS	7.83E-01	6.14E-02	5.15E-02	6.80E-02	5.77E-02	1.22E+01
TEENAGE	TOTALS	7.83E-01	7.37E-02	5.26E-02	5.97E-02	5.53E-02	1.22E+01
ADULT	TOTALS	7.83E-01	7.28E-02	5.40E-02	5.99E-02	5.59E-02	1.22E+01

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	6.25E-01	7.49E-02	6.35E-02	1.27E-01	8.76E-02	9.37E+00
CHILD	TOTALS	6.24E-01	8.32E-02	6.63E-02	9.46E-02	7.70E-02	9.37E+00
TEENAGE	TOTALS	6.25E-01	1.05E-01	6.82E-02	8.03E-02	7.29E-02	9.37E+00
ADULT	TOTALS	6.25E-01	1.03E-01	7.06E-02	8.07E-02	7.38E-02	9.37E+00

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1REGION: Dewey Burdock                CODE: MILDOS-AREA (02/97)          PAGE  49
 METSET:                              DATA: DBNOLA.MIL                   02/23/09
                                TIME STEP NUMBER 1,                              DURATION IN YRS
IS...  5.0

 NUMBER 37  NAME=Englebert Ranch       X=   0.3KM, Y=  -4.8KM, Z=   0.0M, DIST=   4.8KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
              ---------------------------------------------------------------------------------------
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                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00


                              TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
              ---------------------------------------------------------------------------------------
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                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        1.71E+00      2.34E-01      1.91E-01      4.33E-01
2.83E-01      2.53E+01
              CHILD          TOTALS        1.70E+00      2.66E-01      2.02E-01      3.09E-01
2.42E-01      2.53E+01
              TEENAGE        TOTALS        1.71E+00      3.47E-01      2.09E-01      2.55E-01
2.27E-01      2.53E+01
              ADULT          TOTALS        1.71E+00      3.41E-01      2.18E-01      2.56E-01
2.30E-01      2.53E+01

 NUMBER 38  NAME=Burdock School        X=  -2.3KM, Y=  -2.0KM, Z=   0.0M, DIST=   3.0KM, IRTYPE=
1

                                 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR
              ---------------------------------------------------------------------------------------
----------------------
                AGE          PATHWAY       EFFECTIV      BONE          AVG.LUNG      LIVER
KIDNEY        BRONCHI
              ---------------------------------------------------------------------------------------
----------------------
              INFANT         TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              CHILD          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              TEENAGE        TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00
              ADULT          TOTALS        0.00E+00      0.00E+00      0.00E+00      0.00E+00
0.00E+00      0.00E+00


                              TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR  THIS LOCATION, MREM/YR
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.59E+00	1.96E-01	1.67E-01	3.28E-01	2.28E-01	2.38E+01
CHILD	TOTALS	1.59E+00	2.17E-01	1.74E-01	2.45E-01	2.01E-01	2.38E+01
TEENAGE	TOTALS	1.59E+00	2.70E-01	1.79E-01	2.09E-01	1.91E-01	2.38E+01
ADULT	TOTALS	1.59E+00	2.66E-01	1.85E-01	2.10E-01	1.93E-01	2.38E+01

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 50
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	1.46E+00	2.23E-01	1.73E-01	4.56E-01	2.79E-01	2.14E+01
CHILD	TOTALS	1.46E+00	2.60E-01	1.85E-01	3.10E-01	2.32E-01	2.14E+01
TEENAGE	TOTALS	1.46E+00	3.54E-01	1.93E-01	2.47E-01	2.14E-01	2.14E+01
ADULT	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01	2.18E-01	2.14E+01

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	3.61E-01	9.61E-02	4.82E-02	3.19E-01	1.50E-01	5.06E+00
CHILD	TOTALS	3.57E-01	1.32E-01	5.98E-02	1.80E-01	1.05E-01	5.06E+00
TEENAGE	TOTALS	3.59E-01	2.22E-01	6.77E-02	1.19E-01	8.75E-02	5.06E+00
ADULT	TOTALS	3.61E-01	2.16E-01	7.78E-02	1.21E-01	9.16E-02	5.06E+00

POWERTECH (USA) INC.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 51
METSET: DATA: DBNOLA.MIL 02/23/09
TIME STEP NUMBER 1, DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	TOTALS	9.87E-01	1.47E-01	1.19E-01	2.79E-01	1.79E-01	1.45E+01
CHILD	TOTALS	9.85E-01	1.68E-01	1.26E-01	1.97E-01	1.53E-01	1.45E+01
TEENAGE	TOTALS	9.86E-01	2.22E-01	1.31E-01	1.61E-01	1.42E-01	1.45E+01
ADULT	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01	1.45E-01	1.45E+01

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.015E+01	2.002E+01	1.361E+01	9.042E+00	2.174E-05	1.234E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01	8.437E+00	2.093E-05	1.032E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00	7.884E+00	2.270E-05	9.047E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00	6.425E+00	2.245E-05	7.053E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00	4.410E+00	2.687E-05	4.516E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00	2.211E+00	3.423E-05	2.185E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00	1.270E+00	3.703E-05	1.248E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01	8.516E-01	3.721E-05	8.353E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01	6.243E-01	3.672E-05	6.121E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01	4.841E-01	3.603E-05	4.746E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01	3.900E-01	3.530E-05	3.824E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01	3.229E-01	3.456E-05	3.166E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	1.586E+01	1.586E+01	4.528E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	1.134E+01	1.134E+01	4.361E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	9.082E+00	9.082E+00	4.729E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	6.643E+00	6.643E+00	4.675E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	3.856E+00	3.856E+00	5.597E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	1.770E+00	1.770E+00	7.130E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	1.002E+00	1.002E+00	7.714E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	6.696E-01	6.696E-01	7.752E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	4.904E-01	4.904E-01	7.648E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	3.802E-01	3.802E-01	7.505E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	3.063E-01	3.063E-01	7.352E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	2.536E-01	2.536E-01	7.199E+01

POWERTECH (USA) INC.

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.813E+01	2.707E+01	1.255E+01	6.714E+00	2.404E-05	1.166E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01	6.450E+00	2.509E-05	1.010E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00	6.680E+00	2.817E-05	8.744E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00	6.398E+00	3.107E-05	7.523E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00	4.237E+00	3.401E-05	4.432E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00	2.149E+00	3.731E-05	2.163E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00	1.237E+00	3.694E-05	1.227E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01	8.430E-01	3.602E-05	8.311E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01	6.254E-01	3.504E-05	6.150E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01	4.894E-01	3.412E-05	4.806E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01	3.972E-01	3.327E-05	3.898E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01	3.309E-01	3.248E-05	3.246E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.144E+01	2.144E+01	2.144E+01	5.007E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.639E+01	1.639E+01	1.639E+01	5.225E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	1.076E+01	1.076E+01	5.868E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.933E+00	7.933E+00	7.933E+00	6.472E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	3.953E+00	3.953E+00	7.085E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.805E+00	1.805E+00	1.805E+00	7.771E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	9.993E-01	9.993E-01	7.695E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-01	6.709E-01	6.709E-01	7.503E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	4.947E-01	4.947E-01	7.300E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.859E-01	3.859E-01	3.859E-01	7.108E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	3.127E-01	3.127E-01	6.930E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.602E-01	2.602E-01	2.602E-01	6.765E+01

POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.331E+01	4.292E+01	2.648E+01	1.553E+01	4.259E-05	2.364E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01	1.808E+01	5.789E-05	2.262E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01	1.772E+01	7.203E-05	2.008E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01	1.715E+01	8.683E-05	1.840E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01	1.225E+01	1.084E-04	1.236E-04
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00	6.311E+00	1.198E-04	6.242E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00	3.558E+00	1.175E-04	3.497E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00	2.367E+00	1.128E-04	2.322E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00	1.722E+00	1.082E-04	1.689E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00	1.326E+00	1.040E-04	1.300E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00	1.060E+00	1.003E-04	1.040E-05
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01	8.719E-01	9.691E-05	8.548E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.400E+01	3.400E+01	3.400E+01	8.872E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	2.520E+01	2.520E+01	1.206E+02
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	1.966E+01	1.966E+01	1.500E+02
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	1.675E+01	1.675E+01	1.809E+02
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	1.034E+01	1.034E+01	2.257E+02
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	5.063E+00	5.063E+00	2.495E+02
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	2.812E+00	2.812E+00	2.448E+02
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	1.863E+00	1.863E+00	2.350E+02
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	1.354E+00	1.354E+00	2.254E+02
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	1.042E+00	1.042E+00	2.167E+02
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	8.329E-01	8.329E-01	2.089E+02
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	6.848E-01	6.848E-01	2.019E+02

POWERTECH (USA) INC.

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01	1.140E+01	3.217E-05	1.416E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	1.607E+01	4.130E-05	1.911E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	1.774E+01	4.408E-05	2.098E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	1.583E+01	3.989E-05	1.867E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	6.549E+00	2.777E-05	7.037E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	1.662E+00	2.181E-05	1.689E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	8.517E-01	2.081E-05	8.528E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	5.526E-01	1.963E-05	5.479E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	3.994E-01	1.866E-05	3.939E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	3.075E-01	1.785E-05	3.024E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	2.467E-01	1.717E-05	2.423E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	2.039E-01	1.657E-05	2.001E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.678E+01	1.678E+01	1.678E+01	6.700E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01	2.041E+01	2.041E+01	8.603E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01	2.177E+01	2.177E+01	9.182E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01	1.916E+01	1.916E+01	8.308E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.389E+00	6.389E+00	5.785E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00	1.437E+00	1.437E+00	4.544E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01	7.045E-01	7.045E-01	4.334E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	4.456E-01	4.456E-01	4.089E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01	3.181E-01	3.181E-01	3.887E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01	2.432E-01	2.432E-01	3.719E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01	1.945E-01	1.945E-01	3.576E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01	1.605E-01	1.605E-01	3.451E+01

POWERTECH (USA) INC.

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.244E+01	2.212E+01	1.586E+01	1.157E+01	2.895E-05	1.463E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.754E+01	2.725E+01	2.004E+01	1.422E+01	2.894E-05	1.827E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.036E+01	3.983E+01	2.712E+01	1.708E+01	2.768E-05	2.422E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.068E+01	5.017E+01	3.070E+01	1.656E+01	2.276E-05	2.691E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E+00	8.976E+00	6.490E+00	4.549E+00	1.514E-05	5.912E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.882E+00	1.883E+00	1.791E+00	1.694E+00	2.013E-05	1.734E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.515E-01	8.520E-01	8.431E-01	8.267E-01	1.998E-05	8.236E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.255E-01	5.258E-01	5.256E-01	5.225E-01	1.909E-05	5.155E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.708E-01	3.710E-01	3.721E-01	3.719E-01	1.831E-05	3.656E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.814E-01	2.816E-01	2.827E-01	2.832E-01	1.762E-05	2.780E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.241E-01	2.242E-01	2.252E-01	2.258E-01	1.704E-05	2.215E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.842E-01	1.843E-01	1.851E-01	1.857E-01	1.652E-05	1.821E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.752E+01	1.752E+01	1.752E+01	6.030E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	2.158E+01	2.158E+01	6.027E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	3.154E+01	3.154E+01	5.765E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	3.974E+01	3.974E+01	4.740E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	7.109E+00	7.109E+00	3.154E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	1.491E+00	1.491E+00	4.192E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	6.748E-01	6.748E-01	4.161E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	4.165E-01	4.165E-01	3.977E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	2.939E-01	2.939E-01	3.815E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	2.230E-01	2.230E-01	3.671E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	1.776E-01	1.776E-01	3.550E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	1.460E-01	1.460E-01	3.441E+01

POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 57
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04	6.713E-05	6.590E-05	1.008E-04	1.468E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04	1.315E-04	4.589E-04	1.525E-03	7.367E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04	7.161E-03	7.122E-04	3.256E-03	5.992E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04	3.978E-05	1.340E-04	4.778E-04	9.357E-04
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03	1.192E-02	6.941E-04	1.705E-04	2.260E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04	1.037E-03	5.584E-04	4.245E-04	3.950E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05	1.554E-04	5.656E-05	5.972E-05	1.524E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04	5.281E-05	2.181E-04	1.405E-04	2.040E-04
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05	1.425E-04	1.523E-05	1.248E-04	3.123E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05	9.458E-06	1.103E-04	8.731E-05	1.894E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05	4.951E-05	5.388E-05	5.558E-05	1.399E-04
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05	6.827E-06	4.478E-05	1.210E-05	1.297E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06	1.365E-05	0.000E+00	2.764E-05	2.184E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06	2.411E-05	7.350E-05	7.236E-05	3.992E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05	3.212E-05	4.205E-05	6.762E-05	9.474E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04	9.662E-03	2.735E-04	6.915E-04	1.635E-04

TOTAL DOSE COMMITMENT IS 6.465E-02 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03	5.438E-04	5.337E-04	8.156E-04	1.188E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03	1.065E-03	3.716E-03	1.234E-02	5.960E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03	5.801E-02	5.766E-03	2.635E-02	4.847E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03	3.222E-04	1.085E-03	3.867E-03	7.569E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02	9.657E-02	5.620E-03	1.380E-03	1.828E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03	8.400E-03	4.521E-03	3.436E-03	3.195E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04	1.259E-03	4.580E-04	4.833E-04	1.233E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03	4.278E-04	1.766E-03	1.137E-03	1.650E-03
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04	1.154E-03	1.233E-04	1.010E-03	2.526E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05	7.661E-05	8.932E-04	7.066E-04	1.532E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04	4.011E-04	4.362E-04	4.499E-04	1.131E-03
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04	5.531E-05	3.626E-04	9.797E-05	1.049E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05	1.106E-04	0.000E+00	2.237E-04	1.767E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05	1.953E-04	5.952E-04	5.857E-04	3.230E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04	2.603E-04	3.406E-04	5.473E-04	7.665E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03	7.828E-02	2.214E-03	5.597E-03	1.323E-03

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05	8.547E-06	8.610E-06	1.350E-05	2.018E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05	1.678E-05	6.011E-05	2.049E-04	1.015E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04	9.159E-04	9.348E-05	4.385E-04	8.275E-04
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05	5.093E-06	1.760E-05	6.437E-05	1.292E-04
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04	1.527E-03	9.115E-05	2.295E-05	3.117E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05	1.326E-04	7.313E-05	5.693E-05	5.421E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05	1.989E-05	7.417E-06	8.020E-06	2.095E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05	6.774E-06	2.870E-05	1.895E-05	2.820E-05
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06	1.828E-05	2.005E-06	1.686E-05	4.325E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06	1.212E-06	1.451E-05	1.178E-05	2.621E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05	6.329E-06	7.068E-06	7.481E-06	1.930E-05
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06	8.693E-07	5.848E-06	1.621E-06	1.780E-06
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07	1.730E-06	0.000E+00	3.677E-06	2.975E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07	3.056E-06	9.551E-06	9.637E-06	5.447E-06
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06	4.070E-06	5.463E-06	9.002E-06	1.292E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05	1.226E-03	3.561E-05	9.233E-05	2.238E-05

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 60
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02	1.934E-02	1.499E-02	1.884E-02	2.320E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02	3.619E-02	1.000E-01	2.736E-01	1.118E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01	1.961E+00	1.551E-01	5.852E-01	9.126E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01	1.123E-02	3.021E-02	8.924E-02	1.485E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01	3.629E+00	1.692E-01	3.452E-02	3.900E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01	3.738E-01	1.628E-01	1.038E-01	8.305E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02	5.658E-02	1.673E-02	1.486E-02	3.270E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01	1.538E-02	5.103E-02	2.737E-02	3.395E-02
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02	3.843E-02	3.286E-03	2.233E-02	4.753E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03	2.486E-03	2.312E-02	1.513E-02	2.783E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02	1.337E-02	1.158E-02	9.870E-03	2.105E-02
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	2.094E-03	1.096E-02	2.458E-03	2.244E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03	5.017E-03	0.000E+00	6.751E-03	4.557E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03	8.344E-03	2.005E-02	1.625E-02	7.597E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03	1.124E-02	1.163E-02	1.542E-02	1.835E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01	3.050E+00	6.804E-02	1.414E-01	2.830E-02

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 61
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05	5.772E-06	5.212E-06	7.505E-06	1.045E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05	1.111E-05	3.580E-05	1.123E-04	5.191E-05
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05	6.041E-04	5.553E-05	2.398E-04	4.225E-04
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05	3.394E-06	1.056E-05	3.557E-05	6.667E-05
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04	1.047E-03	5.618E-05	1.300E-05	1.645E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05	9.766E-05	4.822E-05	3.438E-05	3.045E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06	1.470E-05	4.911E-06	4.866E-06	1.182E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05	4.559E-06	1.741E-05	1.059E-05	1.471E-05
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06	1.195E-05	1.184E-06	9.181E-06	2.202E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07	7.860E-07	8.501E-06	6.366E-06	1.324E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06	4.156E-06	4.185E-06	4.080E-06	9.835E-06
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06	6.014E-07	3.630E-06	9.235E-07	9.451E-07
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07	1.296E-06	0.000E+00	2.238E-06	1.680E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07	2.231E-06	6.191E-06	5.697E-06	2.988E-06
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06	2.987E-06	3.560E-06	5.351E-06	7.126E-06
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05	8.610E-04	2.229E-05	5.288E-05	1.192E-05

TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 62
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.301E-04	2.294E-03	5.034E-04	1.708E-04	1.325E-04	1.665E-04	2.050E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.194E-04	8.221E-05	4.037E-04	3.196E-04	8.836E-04	2.417E-03	9.879E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.567E-04	1.348E-04	3.001E-03	1.728E-02	1.368E-03	5.167E-03	8.060E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.486E-03	1.814E-03	9.885E-05	2.663E-04	7.873E-04	1.311E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.672E-04	6.380E-04	4.628E-03	3.186E-02	1.490E-03	3.044E-04	3.441E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.011E-04	5.003E-04	1.003E-03	3.249E-03	1.425E-03	9.122E-04	7.315E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.934E-04	9.827E-03	3.607E-04	4.861E-04	1.452E-04	1.298E-04	2.868E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.821E-04	1.248E-03	2.540E-02	1.367E-03	1.352E-04	4.497E-04	2.415E-04	2.997E-04
S	0.000E+00	2.074E-04	0.000E+00	0.000E+00	1.483E-03	0.000E+00	2.727E-04	1.555E-04	3.393E-04	2.902E-05	1.973E-04	4.199E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.191E-04	3.485E-04	0.000E+00	3.156E-05	2.196E-05	2.043E-04	1.337E-04	2.459E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.749E-04	1.181E-04	1.023E-04	8.720E-05	1.860E-04
WSW	0.000E+00	0.000E+00	9.933E-04	0.000E+00	0.000E+00	4.195E-04	1.489E-04	9.869E-05	1.838E-05	9.650E-05	2.167E-05	1.980E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.212E-05	4.377E-05	0.000E+00	5.943E-05	4.019E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.200E-04	1.121E-04	1.815E-05	1.145E-05	7.331E-05	1.767E-04	1.434E-04	6.709E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.931E-04	4.433E-05	0.000E+00	6.322E-05	9.871E-05	1.025E-04	1.361E-04	1.621E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-04	0.000E+00	5.039E-04	2.139E-03	2.689E-02	6.006E-04	1.249E-03	2.500E-04

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 64
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 65
METSET: DATA: DBNOLA.MIL 02/23/09

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

POWERTECH (USA) INC.

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

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TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01	1.888E-01	2.090E+01
GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.513E-01	7.104E-01	1.950E-01	5.794E-01	3.755E-01	2.108E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01
TOTALS	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI

INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01	1.888E-01	2.090E+01
GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00	7.984E+00	5.081E+01
TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00	8.360E+00	7.189E+01

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COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	1.257E+00	3.552E+00	9.752E-01	2.897E+00	1.878E+00	1.054E+02
2	2013.00	2113.00	100.00	TOTALS	2.513E+01	7.104E+01	1.950E+01	5.794E+01	3.755E+01	2.108E+03
TOTALS OVER ALL 2 TIME STEPS					2.639E+01	7.459E+01	2.048E+01	6.084E+01	3.943E+01	2.214E+03

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	3.992E+01	5.444E+02	9.073E+00	3.992E+01	3.992E+01	2.540E+02
2	2013.00	2113.00	100.00	TOTALS	7.984E+02	1.089E+04	1.815E+02	7.984E+02	7.984E+02	5.081E+03
TOTALS OVER ALL 2 TIME STEPS					8.383E+02	1.143E+04	1.905E+02	8.383E+02	8.383E+02	5.335E+03

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL POPULATIONS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	4.118E+01	5.479E+02	1.005E+01	4.282E+01	4.180E+01	3.595E+02
2	2013.00	2113.00	100.00	TOTALS	8.236E+02	1.096E+04	2.010E+02	8.564E+02	8.360E+02	7.189E+03
TOTALS OVER ALL 2 TIME STEPS					8.647E+02	1.151E+04	2.110E+02	8.992E+02	8.778E+02	7.549E+03

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