

Alicia Mullins

From: Steve Green [steve.green@swri.org]
Sent: Monday, August 13, 2007 3:19 PM
To: Kaushik Das
Subject: Rock_Temps.xls
Attachments: Rock_Temps.xls

Properties Page

Return-path: <steve.green@swri.org>
Received: from mail.cnwra.swri.edu ([129.162.205.6])
by rogain.cnwra.swri.edu (Sun ONE Messaging Server 6.0 (built Oct 29 2003))
with ESMTP id <0JMQ00IW18C7AN20@rogain.cnwra.swri.edu> for
kdas@cnwra.swri.edu; Mon, 13 Aug 2007 14:19:19 -0500 (CDT)
Received: from virus89-out.ccf.swri.edu
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for <kdas@cnwra.swri.edu>; Mon, 13 Aug 2007 15:20:36 -0500 (CDT)
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13 Aug 2007 14:19:12 -0500 (CDT)
Date: Mon, 13 Aug 2007 14:19:08 -0500
From: Steve Green <steve.green@swri.org>
Subject: Rock_Temps.xls
To: kdas@cnwra.swri.edu
Message-id: <003f01c7ddde\$d2cd5a20\$82b8a281@div18.swri.edu>
MIME-version: 1.0
X-MIMEOLE: Produced By Microsoft MimeOLE V6.00.2900.3138
X-Mailer: Microsoft Office Outlook 11
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Thread-index: Acfd3tI5Je2IXVjCSaaWeK44QUo2ZQ==
Original-recipient: rfc822;kdas@cnwra.swri.edu

R. Fedors, from condriveDec2003.xls

z is vertical, x,y are in horizontal plane

Thermal conductivity reflects representative saturation of 1 m of wallrock.

The temperature of 78 C at a location 1 m beyond the cool end of the drift seems like it will cause problems, we may have to adjust this one.

For now, I have no basis for interpolating the thermal conductivity values; though I would guess that linear interpolation is not quite right. More thermohydrological simulations will have to be run.

questionable!

	Distance from West End of Drift, m	Temperature at z = 3.75, C	Temperature at z=0, C	Thermal Conductivity, W/m-K	
Cold End	-1	71.64	78.5024458	2.01	supply of water at the drift wall
	-0.3345	74.09			supply of water at the drift wall
end of open drift	0	75.35		1.98	supply of water at the drift wall
	1.0048	79.12			supply of water at the drift wall
	2.3441	83.84			supply of water at the drift wall
	3.6834	87.92			supply of water at the drift wall
	5.0227	91.29			supply of water at the drift wall
	6.3590	94.02			supply of water at the drift wall
	7.6983	96.27			supply of water at the drift wall
	9.0376	98.21			supply of water at the drift wall
	10.3769	99.92			supply of water at the drift wall
	11.7162	101.46			supply of water at the drift wall
	13.0555	102.87			decreasing amount of water in rind of wallrock (drift wall now at ~111 C)
	14.3948	104.15			
	15.7341	105.33			
	17.0734	106.42			
	18.4127	107.42			
	19.7520	108.35			
	21.0913	109.22			
	22.4306	110.04			
	23.7699	110.80			
	25.1092	111.52			
	26.4454	112.20			
	27.7847	112.84			
	29.1240	113.45			
	30.4585	114.03			
	30.4633	114.03		1.32	probably very little water for evaporation to open drift
	31.8026	114.58			
	33.1419	115.11			
	34.4803	115.60			
	35.8196	116.08			

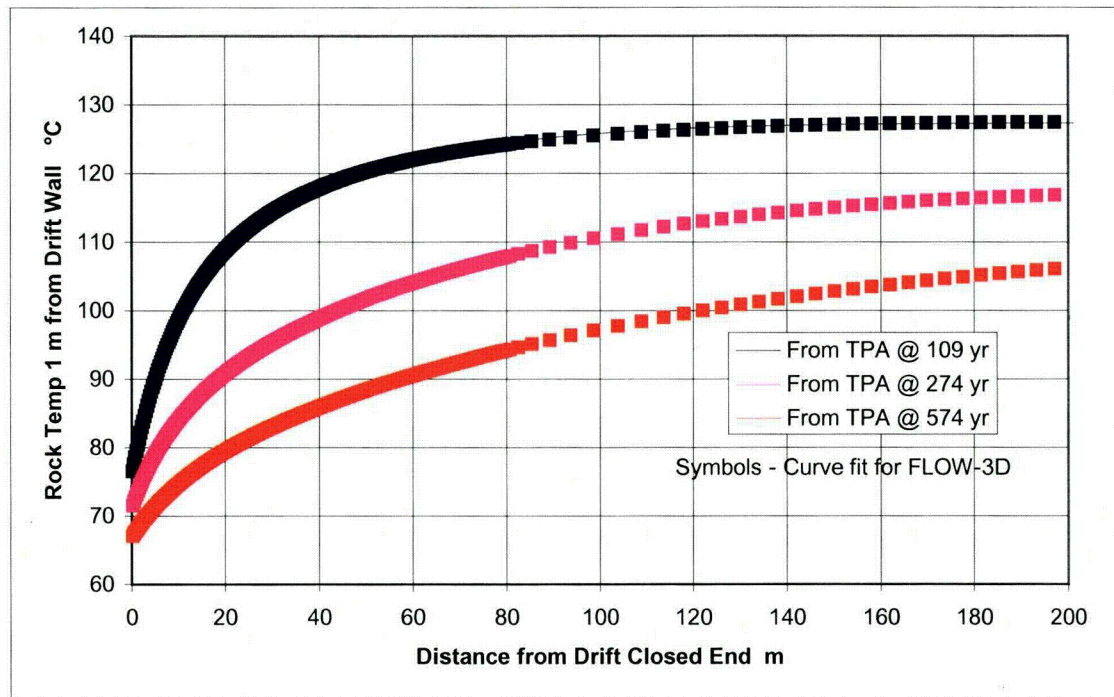
37.1589	116.54
38.4982	116.97
39.8375	117.39
41.1768	117.79
42.5161	118.17
43.8554	118.53
45.1947	118.88
46.5309	119.22
47.8702	119.54
49.2095	119.85
50.5488	120.15
51.8881	120.44
53.2274	120.71
54.5667	120.98
55.9060	121.23
57.2453	121.47
58.5846	121.71
59.9239	121.94
61.2632	122.15
62.6025	122.36
63.9418	122.56
65.2811	122.76
66.6173	122.94
67.9566	123.12
69.2959	123.29
70.6352	123.46
71.9745	123.62
73.3138	123.77
74.6531	123.92
75.9924	124.06
77.3317	124.19
78.6710	124.32
78.6785	124.32
80.0094	124.45
81.3487	124.57
82.6880	124.69
84.0273	124.80
85.3666	124.90
86.7059	125.01
88.0421	125.11
89.3814	125.20
90.7207	125.29
92.0600	125.38

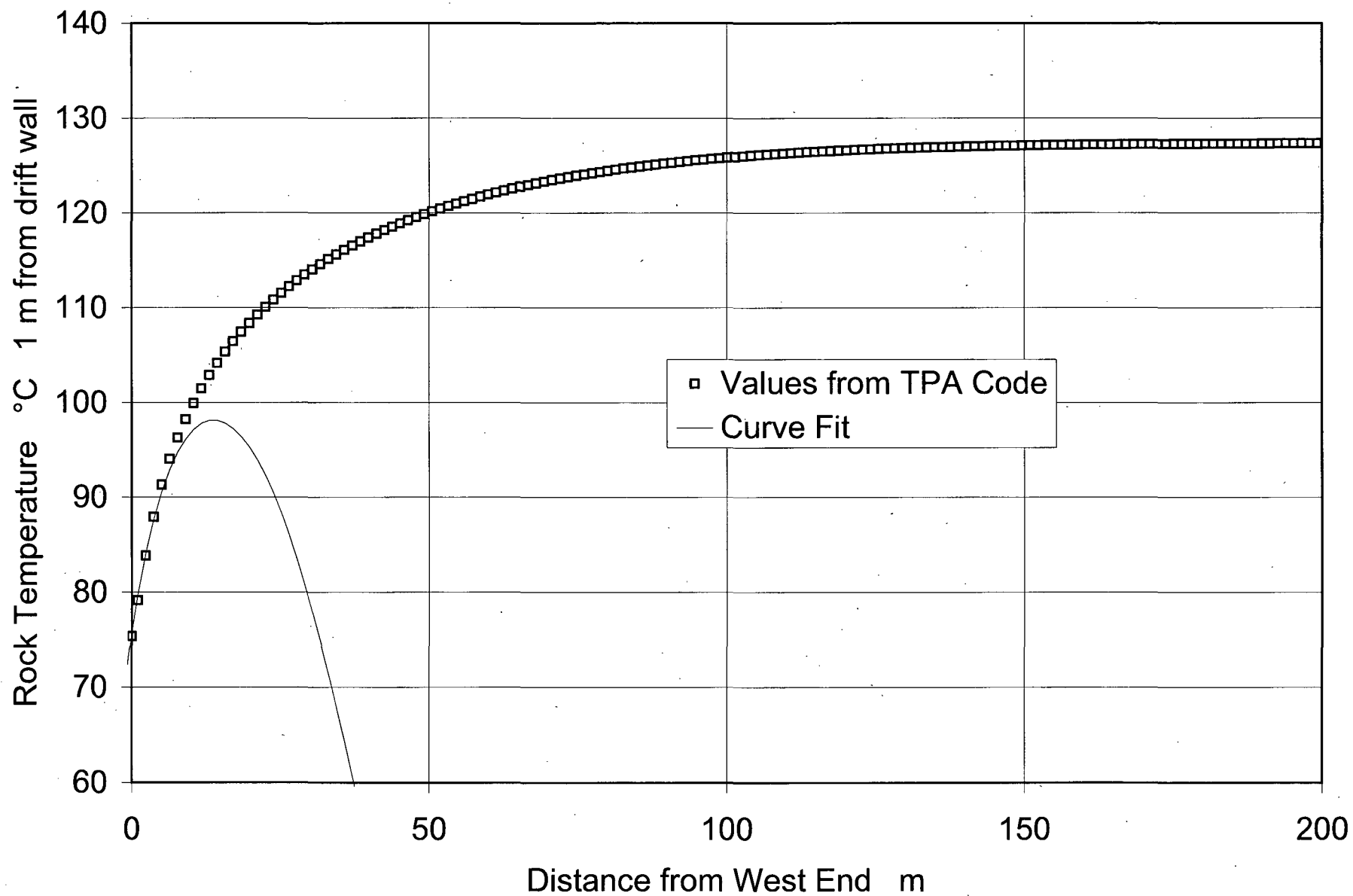
93.3993	125.46
94.7386	125.55
96.0779	125.62
97.4172	125.70
98.7565	125.77
100.0958	125.84
101.4351	125.90
102.7744	125.97
104.1137	126.03
105.4530	126.09
106.7923	126.14
108.1286	126.19
109.4679	126.25
110.8072	126.30
112.1465	126.34
113.4858	126.39
114.8251	126.43
116.1644	126.47
117.5037	126.51
118.8430	126.55
120.1823	126.59
121.5216	126.62
122.8609	126.65
124.2002	126.69
125.5385	126.72
126.8778	126.75
128.2141	126.77
129.5534	126.80
130.8927	126.83
132.2320	126.85
133.5713	126.88
134.9106	126.90
136.2499	126.92
137.5892	126.94
138.9285	126.96
140.2678	126.98
141.6071	127.00
142.9464	127.01
144.2857	127.03
145.6250	127.05
146.9643	127.06
148.3005	127.07
149.6398	127.09

150.9791	127.10	
152.3184	127.11	
153.6577	127.13	
154.9970	127.14	
156.3363	127.15	
157.6756	127.16	
159.0149	127.17	
160.3542	127.18	
161.6935	127.19	
163.0328	127.20	
164.3721	127.20	
165.7114	127.21	
167.0507	127.22	
168.3900	127.23	
169.7263	127.23	
171.0646	127.24	
172.4039	127.24	
173.7432	127.25	
175.0825	127.26	
176.4218	127.26	
177.7611	127.27	
179.1004	127.27	
180.4397	127.28	
181.7790	127.28	
183.1183	127.28	
184.4576	127.29	
185.7969	127.29	
187.1362	127.30	
188.4755	127.30	
189.8117	127.30	
191.1510	127.30	
192.4903	127.31	
193.8296	127.31	
195.1689	127.31	
196.5083	127.32	
197.8476	127.32	
199.1869	127.32	
Internal portion	200.5262	127.32
of Drift	201.8655	127.32

1.2

approx drift center 556.7204 127.36
actual drift center is 557.389





R. Fedors, from condriveDec2003.xls, worksheet 200mGrid_29Jan
z is vertical with z=0 at the center of the drift; center of drift is at 557.4 m from west end of drift
Use a thermal conductivity of 2.02 W/m-K for the wallrock (porous media)
The temperature of 70.5 C at a location 1 m beyond the cool end of the drift (at z=0) seems like it will cause problems, we may have to adjust this one.
Supply of water on drift wall should be from west end (x=0) to x=38 m approximately
Heat load at 274 years is = 1207.05165 watts/waste package

x-direction

Curve Fits for temperature in Kelvin

Curve Fit Coefficients for equation: $T=(a+cx+ex^2+gx^3)/(1+bx+dx^2+fx^3)$				
	109.1 yr	274 yr	574 yr	875 yr
a	348.9275866	343.8507425		
b	0.078256163	0.067904156		
c	31.58289974	25.49333069		
d	-4.36E-04	7.80431E-05		
e	-0.17356232	0.03926361		
f	1.05121E-05	2.83E-06		
g	0.004205476	1.09E-03		
Table Curve Eq. Number	7905	7905		
r ²	0.999923371	0.999922883		

Comment, Based on estimate of drift wall temperature

For 274, water on drift wall from west end (x=0) to x<37 m
For 574, water on drift wall from west end (x=0) to x=155.5 m

At 109 yrs, Temperature (C) at z = 3.75 m					At 274 yrs, Temperature (C) at z = 3.75 m					At 574 yrs, Temperature (C) at z = 3.75 m					At 875 yrs, Temperature (C) at z = 3.75 m				
Distance from West End of Drift, m		Values from Fedors		Curve Fit	Distance from West End of Drift, m		Values from Fedors		Curve Fit	Distance from West End of Drift, m		Values from Fedors		Curve Fit	Distance from West End of Drift, m		Values from Fedors		Curve Fit
-1	344.79	-1	71.64	7.11E+01	344.79	-1	69.05	3.42E+02	342.1968447	344.79	-1	66.19	0.00E+00	63.47	344.79	-1	63.47	0.00E+00	63.47
-0.3345	347.24	-0.3345	74.09	7.43E+01	347.24	-0.3345	70.15	3.43E+02	343.3	347.24	-0.3345	66.74	0.00E+00	63.83	347.24	-0.3345	63.83	0.00E+00	63.83
0	348.5	0	75.35	7.58E+01	348.5	0	70.71	3.44E+02	343.8569244	348.5	0	67.02	0.00E+00	64.01	348.5	0	64.01	0.00E+00	64.01
1.0048	352.27	1.0048	79.12	7.97E+01	352.27	1.0048	72.38	3.46E+02	345.53	352.27	1.0048	67.85	0.00E+00	64.54	352.27	1.0048	64.54	0.00E+00	64.54
2.3441	356.99	2.3441	83.84	8.41E+01	356.99	2.3441	74.57	3.48E+02	347.72	356.99	2.3441	68.96	0.00E+00	65.26	356.99	2.3441	65.26	0.00E+00	65.26
3.6834	361.07	3.6834	87.92	8.77E+01	361.07	3.6834	76.66	3.50E+02	349.81	361.07	3.6834	70.04	0.00E+00	65.97	361.07	3.6834	65.97	0.00E+00	65.97
5.0227	364.44	5.0227	91.29	9.06E+01	364.44	5.0227	78.62	3.52E+02	351.77	364.44	5.0227	71.09	0.00E+00	66.67	364.44	5.0227	66.67	0.00E+00	66.67
6.359	367.17	6.359	94.02	9.29E+01	367.17	6.359	80.41	3.54E+02	353.56	367.17	6.359	72.11	0.00E+00	67.35	367.17	6.359	67.35	0.00E+00	67.35
7.6983	369.42	7.6983	96.27	9.47E+01	369.42	7.6983	82.02	3.55E+02	355.17	369.42	7.6983	73.08	0.00E+00	68.02	369.42	7.6983	68.02	0.00E+00	68.02
9.0376	371.36	9.0376	98.21	9.61E+01	371.36	9.0376	83.46	3.56E+02	356.61	371.36	9.0376	74.00	0.00E+00	68.66	371.36	9.0376	68.66	0.00E+00	68.66
10.3769	373.07	10.3769	99.92	9.71E+01	373.07	10.3769	84.74	3.57E+02	357.89	373.07	10.3769	74.87	0.00E+00	69.28	373.07	10.3769	69.28	0.00E+00	69.28
11.7162	374.61	11.7162	101.46	9.78E+01	374.61	11.7162	85.87	3.58E+02	359.02	374.61	11.7162	75.69	0.00E+00	69.88	374.61	11.7162	69.88	0.00E+00	69.88
13.0555	376.02	13.0555	102.87	9.81E+01	376.02	13.0555	86.89	3.59E+02	360.04	376.02	13.0555	76.45	0.00E+00	70.45	376.02	13.0555	70.45	0.00E+00	70.45
14.3948	377.3	14.3948	104.15	9.81E+01	377.3	14.3948	87.81	3.59E+02	360.96	377.3	14.3948	77.17	0.00E+00	71	377.3	14.3948	71	0.00E+00	71
15.7341	378.48	15.7341	105.33	9.78E+01	378.48	15.7341	88.65	3.60E+02	361.8	378.48	15.7341	77.83	0.00E+00	71.52	378.48	15.7341	71.52	0.00E+00	71.52
17.0734	379.57	17.0734	106.42	9.72E+01	379.57	17.0734	89.43	3.60E+02	362.58	379.57	17.0734	78.46	0.00E+00	72.02	379.57	17.0734	72.02	0.00E+00	72.02
18.4127	380.57	18.4127	107.42	9.64E+01	380.57	18.4127	90.17	3.60E+02	363.32	380.57	18.4127	79.04	0.00E+00	72.49	380.57	18.4127	72.49	0.00E+00	72.49
19.752	381.5	19.752	108.35	9.52E+01	381.5	19.752	90.87	3.60E+02	364.02	381.5	19.752	79.59	0.00E+00	72.94	381.5	19.752	72.94	0.00E+00	72.94
21.0913	382.37	21.0913	109.22	9.39E+01	382.37	21.0913	91.53	3.61E+02	364.68	382.37	21.0913	80.12	0.00E+00	73.38	382.37	21.0913	73.38	0.00E+00	73.38
22.4306	383.19	22.4306	110.04	9.22E+01	383.19	22.4306	92.17	3.61E+02	365.32	383.19	22.4306	80.61	0.00E+00	73.79	383.19	22.4306	73.79	0.00E+00	73.79
23.7699	383.95	23.7699	110.8	9.04E+01	383.95	23.7699	92.78	3.61E+02	365.93	383.95	23.7699	81.09	0.00E+00	74.19	383.95	23.7699	74.19	0.00E+00	74.19
25.1092	384.67	25.1092	111.52	8.83E+01	384.67	25.1092	93.37	3.60E+02	366.52	384.67	25.1092	81.55	0.00E+00	74.57	384.67	25.1092	74.57	0.00E+00	74.57
26.4454	385.35	26.4454	112.2	8.60E+01	385.35	26.4454	93.94	3.60E+02	367.09	385.35	26.4454	81.99	0.00E+00	74.94	385.35	26.4454	74.94	0.00E+00	74.94
27.7847	385.99	27.7847	112.84	8.35E+01	385.99	27.7847	94.49	3.60E+02	367.64	385.99	27.7847	82.41	0.00E+00	75.29	385.99	27.7847	75.29	0.00E+00	75.29
29.124	386.6	29.124	113.45	8.07E+01	386.6	29.124	95.03	3.60E+02	368.18	386.6	29.124	82.83	0.00E+00	75.64	386.6	29.124	75.64	0.00E+00	75.64
30.4585	387.18	30.4585	114.03	7.78E+01	387.18	30.4585	95.54	3.59E+02	368.681692	387.18	30.4585	83.23	0.00E+00	75.97	387.18	30.4585	75.97	0.00E+00	75.97
30.4633	387.18	30.4633	114.03	7.78E+01	387.18	30.4633	95.54	3.59E+02	368.69	387.18	30.4633	83.23	0.00E+00	75.97	387.18	30.4633	75.97	0.00E+00	75.97
31.8026	387.73	31.8026	114.58	7.47E+01	387.73	31.8026	96.04	3.59E+02	369.19	387.73	31.8026	83.63	0.00E+00	76.3	387.73	31.8026	76.3	0.00E+00	76.3
33.1419	388.26	33.1419	115.11	7.14E+01	388.26	33.1419	96.53	3.58E+02	369.68	388.26	33.1419	84.02	0.00E+00	76.62	388.26	33.1419	76.62	0.00E+00	76.62
34.4803	388.75	34.4803	115.6	6.79E+01	388.75	34.4803	97.00	3.58E+02	370.15	388.75	34.4803	84.40	0.00E+00	76.93	388.75	34.4803	76.93	0.00E+00	76.93
35.8196	389.23	35.8196	116.08	6.42E+01	389.23	35.8196	97.45	3.57E+02	370.6	389.23	35.8196	84.77	0.00E+00	77.24	389.23	35.8196	77.24	0.00E+00	77.24
37.1589	389.69	37.1589	116.54	6.04E+01	389.69	37.1589	97.89	3.56E+02	371.04	389.69	37.1589	85.13	0.00E+00	77.54	389.69	37.1589	77.54	0.00E+00	77.54
38.4982	390.12	38.4982	116.97	5.65E+01	390.12	38.4982	98.33	3.56E+02	371.48	390.12	38.4982	85.49	0.00E+00	77.84	390.12	38.4982	77.84	0.00E+00	77.84
39.8375	390.54	39.8375	117.39	5.24E+01	390.54	39.8375	98.75	3.55E+02	371.9	390.54	39.8375	85.84	0.00E+00	78.13	390.54	39.8375	78.13	0.00E+00	78.13
41.1768	390.94	41.1768	117.79	4.82E+01	390.94	41.1768	99.16	3.54E+02	372.31	390.94	41.1768	86.19	0.00E+00	78.42	390.94	41.1768	78.42	0.00E+00	78.42
42.5161	391.32	42.5161	118.17	4.38E+01	391.32	42.5161	99.56	3.53E+02	372.71	391.32	42.5161	86.53	0.00E+00	78.7	391.32	42.5161	78.7	0.00E+00	78.7
43.8554	391.68	43.8554	118.53	3.94E+01	391.68	43.8554	99.95	3.52E+02	373.1	43.8554	43.8554	86.86	0.00E+00	78.98	43.8554	43.8554	78.98	0.00E+00	78.98

45.1947	392.03	45.1947	118.88	3.48E+01	392.03	45.1947	100.33	3.51E+02	373.48	87.19	0.00E+00	79.26	0.00E+00
46.5309	392.37	46.5309	119.22	3.01E+01	392.37	46.5309	100.70	3.50E+02	373.85	87.51	0.00E+00	79.53	0.00E+00
47.8702	392.69	47.8702	119.54	2.54E+01	392.69	47.8702	101.06	3.49E+02	374.21	87.83	0.00E+00	79.8	0.00E+00
49.2095	393	49.2095	119.85	2.06E+01	393	49.2095	101.42	3.48E+02	374.57	88.14	0.00E+00	80.06	0.00E+00
50.5488	393.3	50.5488	120.15	1.57E+01	393.3	50.5488	101.76	3.47E+02	374.91	88.45	0.00E+00	80.32	0.00E+00
51.8881	393.59	51.8881	120.44	1.07E+01	393.59	51.8881	102.10	3.46E+02	375.25	88.75	0.00E+00	80.58	0.00E+00
53.2274	393.86	53.2274	120.71	5.72E+00	393.86	53.2274	102.44	3.44E+02	375.59	89.05	0.00E+00	80.84	0.00E+00
54.5667	394.13	54.5667	120.98	6.72E-01	394.13	54.5667	102.76	3.43E+02	375.91	89.34	0.00E+00	81.09	0.00E+00
55.906	394.38	55.906	121.23	-4.41E+00	394.38	55.906	103.08	3.42E+02	376.23	89.63	0.00E+00	81.34	0.00E+00
57.2453	394.62	57.2453	121.47	-9.51E+00	394.62	57.2453	103.40	3.40E+02	376.55	89.91	0.00E+00	81.59	0.00E+00
58.5846	394.86	58.5846	121.71	-1.46E+01	394.86	58.5846	103.70	3.39E+02	376.85	90.19	0.00E+00	81.83	0.00E+00
59.9239	395.09	59.9239	121.94	-1.98E+01	395.09	59.9239	104.00	3.38E+02	377.15	90.47	0.00E+00	82.07	0.00E+00
61.2632	395.3	61.2632	122.15	-2.49E+01	395.3	61.2632	104.30	3.36E+02	377.45	90.74	0.00E+00	82.31	0.00E+00
62.6025	395.51	62.6025	122.36	-3.01E+01	395.51	62.6025	104.58	3.35E+02	377.73	91.01	0.00E+00	82.54	0.00E+00
63.9418	395.74	63.9418	122.56	-3.52E+01	395.74	63.9418	104.87	3.33E+02	378.02	91.28	0.00E+00	82.78	0.00E+00
65.2811	395.91	65.2811	122.76	-4.03E+01	395.91	65.2811	105.14	3.32E+02	378.29	91.54	0.00E+00	83.01	0.00E+00
66.6173	396.09	66.6173	122.94	-4.54E+01	396.09	66.6173	105.41	3.30E+02	378.56	91.80	0.00E+00	83.23	0.00E+00
67.9566	396.27	67.9566	123.12	-5.04E+01	396.27	67.9566	105.68	3.29E+02	378.83	92.05	0.00E+00	83.46	0.00E+00
69.2959	396.44	69.2959	123.29	-5.55E+01	396.44	69.2959	105.94	3.27E+02	379.09	92.30	0.00E+00	83.68	0.00E+00
70.6352	396.61	70.6352	123.46	-6.05E+01	396.61	70.6352	106.20	3.26E+02	379.35	92.55	0.00E+00	83.9	0.00E+00
71.9745	396.77	71.9745	123.62	-6.54E+01	396.77	71.9745	106.45	3.24E+02	379.6	92.79	0.00E+00	84.12	0.00E+00
73.3138	396.92	73.3138	123.77	-7.03E+01	396.92	73.3138	106.69	3.23E+02	379.84	93.03	0.00E+00	84.33	0.00E+00
74.6531	397.07	74.6531	123.92	-7.52E+01	397.07	74.6531	106.94	3.21E+02	380.09	93.27	0.00E+00	84.55	0.00E+00
75.9924	397.21	75.9924	124.06	-8.00E+01	397.21	75.9924	107.17	3.19E+02	380.32	93.51	0.00E+00	84.76	0.00E+00
77.3317	397.34	77.3317	124.19	-8.48E+01	397.34	77.3317	107.40	3.18E+02	380.55	93.74	0.00E+00	84.96	0.00E+00
78.671	397.47	78.671	124.32	-8.95E+01	397.47	78.671	107.63	3.16E+02	380.78	93.97	0.00E+00	85.17	0.00E+00
78.6785	397.47	78.6785	124.32	-8.95E+01	397.47	78.6785	107.63	3.16E+02	380.78	93.97	0.00E+00	85.17	0.00E+00
80.0094	397.6	80.0094	124.45	-9.41E+01	397.6	80.0094	107.85	3.14E+02	381	94.19	0.00E+00	85.37	0.00E+00
81.3487	397.72	81.3487	124.57	-9.87E+01	397.72	81.3487	108.07	3.13E+02	381.22	94.42	0.00E+00	85.58	0.00E+00
82.688	397.84	82.688	124.69	-1.03E+02	397.84	82.688	108.29	3.11E+02	381.44	94.64	0.00E+00	85.78	0.00E+00
84.0273	397.95	84.0273	124.8	-1.08E+02	397.95	84.0273	108.50	3.09E+02	381.65	94.85	0.00E+00	85.97	0.00E+00
85.3666	398.05	85.3666	124.9	-1.12E+02	398.05	85.3666	108.71	3.07E+02	381.86	95.07	0.00E+00	86.17	0.00E+00
86.7059	398.16	86.7059	125.01	-1.16E+02	398.16	86.7059	108.91	3.06E+02	382.06	95.28	0.00E+00	86.36	0.00E+00
88.0421	398.26	88.0421	125.11	-1.20E+02	398.26	88.0421	109.11	3.04E+02	382.26	95.49	0.00E+00	86.56	0.00E+00
89.3814	398.35	89.3814	125.2	-1.25E+02	398.35	89.3814	109.30	3.02E+02	382.45	95.70	0.00E+00	86.75	0.00E+00
90.7207	398.44	90.7207	125.29	-1.29E+02	398.44	90.7207	109.49	3.00E+02	382.64	95.90	0.00E+00	86.94	0.00E+00
92.06	398.53	92.06	125.38	-1.33E+02	398.53	92.0600	109.68	2.99E+02	382.83	96.10	0.00E+00	87.12	0.00E+00
93.3993	398.61	93.3993	125.46	-1.37E+02	398.61	93.3993	109.86	2.97E+02	383.01	96.30	0.00E+00	87.31	0.00E+00
94.7386	398.7	94.7386	125.55	-1.40E+02	398.7	94.7386	110.04	2.95E+02	383.19	96.50	0.00E+00	87.49	0.00E+00
96.0779	398.77	96.0779	125.62	-1.44E+02	398.77	96.0779	110.22	2.93E+02	383.37	96.69	0.00E+00	87.67	0.00E+00
97.4172	398.85	97.4172	125.7	-1.48E+02	398.85	97.4172	110.39	2.92E+02	383.54	96.88	0.00E+00	87.85	0.00E+00
98.7565	398.92	98.7565	125.77	-1.52E+02	398.92	98.7565	110.56	2.90E+02	383.71	97.07	0.00E+00	88.03	0.00E+00
100.0958	398.99	100.0958	125.84	-1.55E+02	398.99	100.0958	110.73	2.88E+02	383.88	97.26	0.00E+00	88.2	0.00E+00
101.4351	399.05	101.4351	125.9	-1.59E+02	399.05	101.4351	110.89	2.86E+02	384.04	97.45	0.00E+00	88.38	0.00E+00
102.7744	399.12	102.7744	125.97	-1.62E+02	399.12	102.7744	111.05	2.84E+02	384.2	97.63	0.00E+00	88.55	0.00E+00
104.1137	399.18	104.1137	126.03	-1.65E+02	399.18	104.1137	111.21	2.83E+02	384.36	97.81	0.00E+00	88.72	0.00E+00
105.453	399.24	105.453	126.09	-1.69E+02	399.24	105.4530	111.36	2.81E+02	384.51	97.99	0.00E+00	88.89	0.00E+00
106.7923	399.29	106.7923	126.14	-1.72E+02	399.29	106.7923	111.52	2.79E+02	384.67	98.16	0.00E+00	89.06	0.00E+00
108.1286	399.34	108.1286	126.19	-1.75E+02	399.34	108.1286	111.66	2.77E+02	384.81	98.34	0.00E+00	89.22	0.00E+00
109.4679	399.4	109.4679	126.25	-1.78E+02	399.4	109.4679	111.81	2.75E+02	384.96	98.51	0.00E+00	89.39	0.00E+00
110.8072	399.45	110.8072	126.3	-1.81E+02	399.45	110.8072	111.95	2.74E+02	385.1	98.68	0.00E+00	89.55	0.00E+00
112.1465	399.49	112.1465	126.34	-1.84E+02	399.49	112.1465	112.09	2.72E+02	385.24	98.84	0.00E+00	89.71	0.00E+00
113.4858	399.54	113.4858	126.39	-1.87E+02	399.54	113.4858	112.23	2.70E+02	385.38	99.01	0.00E+00	89.87	0.00E+00
114.8251	399.58	114.8251	126.43	-1.89E+02	399.58	114.8251	112.36	2.68E+02	385.51	99.17	0.00E+00	90.03	0.00E+00
116.1644	399.62	116.1644	126.47	-1.92E+02	399.62	116.1644	112.49	2.67E+02	385.64	99.33	0.00E+00	90.18	0.00E+00
117.5037	399.66	117.5037	126.51	-1.95E+02	399.66	117.5037	112.62	2.65E+02	385.77	99.49	0.00E+00	90.34	0.00E+00
118.843	399.7	118.843	126.55	-1.97E+02	399.7	118.8430	112.74	2.63E+02	385.89	99.65	0.00E+00	90.49	0.00E+00
120.1823	399.74	120.1823	126.59	-2.00E+02	399.74	120.1823	112.87	2.61E+02	386.02	99.81	0.00E+00	90.65	0.00E+00
121.5216	399.77	121.5216	126.62	-2.02E+02	399.77	121.5216	112.99	2.60E+02	386.14	99.96	0.00E+00	90.8	0.00E+00
122.8609	399.8	122.8609	126.65	-2.05E+02	399.8	122.8609	113.11	2.58E+02	386.26	100.11	0.00E+00	90.95	0.00E+00
124.2002	399.84	124.2002	126.69	-2.07E+02	399.84	124.2002	113.22	2.56E+02	386.37	100.26	0.00E+00	91.09	0.00E+00
125.5385	399.87	125.5385	126.72	-2.09E+02	399.87	125.5385	113.34	2.54E+02	386.49	100.41	0.00E+00	91.24	0.00E+00

126.8778	399.9	126.8778	126.75	-2.12E+02	399.9	126.8778	113.45	2.53E+02	386.6	100.55	0.00E+00	91.38	0.00E+00
128.2141	399.92	128.2141	126.77	-2.14E+02	399.92	128.2141	113.56	2.51E+02	386.71	100.70	0.00E+00	91.53	0.00E+00
129.5534	399.95	129.5534	126.8	-2.16E+02	399.95	129.5534	113.66	2.49E+02	386.81	100.84	0.00E+00	91.67	0.00E+00
130.8927	399.98	130.8927	126.83	-2.18E+02	399.98	130.8927	113.77	2.48E+02	386.92	100.98	0.00E+00	91.81	0.00E+00
132.232	400	132.232	126.85	-2.20E+02	400	132.2320	113.87	2.46E+02	387.02	101.12	0.00E+00	91.95	0.00E+00
133.5713	400.03	133.5713	126.88	-2.22E+02	400.03	133.5713	113.97	2.44E+02	387.12	101.26	0.00E+00	92.09	0.00E+00
134.9106	400.05	134.9106	126.9	-2.24E+02	400.05	134.9106	114.07	2.43E+02	387.22	101.39	0.00E+00	92.23	0.00E+00
136.2499	400.07	136.2499	126.92	-2.26E+02	400.07	136.2499	114.16	2.41E+02	387.31	101.53	0.00E+00	92.36	0.00E+00
137.5892	400.09	137.5892	126.94	-2.28E+02	400.09	137.5892	114.26	2.39E+02	387.41	101.66	0.00E+00	92.5	0.00E+00
138.9285	400.11	138.9285	126.96	-2.29E+02	400.11	138.9285	114.35	2.38E+02	387.5	101.79	0.00E+00	92.63	0.00E+00
140.2678	400.13	140.2678	126.98	-2.31E+02	400.13	140.2678	114.44	2.36E+02	387.59	101.92	0.00E+00	92.76	0.00E+00
141.6071	400.15	141.6071	127	-2.33E+02	400.15	141.6071	114.53	2.34E+02	387.68	102.04	0.00E+00	92.89	0.00E+00
142.9464	400.16	142.9464	127.01	-2.34E+02	400.16	142.9464	114.61	2.33E+02	387.76	102.17	0.00E+00	93.02	0.00E+00
144.2857	400.18	144.2857	127.03	-2.36E+02	400.18	144.2857	114.70	2.31E+02	387.85	102.29	0.00E+00	93.15	0.00E+00
145.625	400.2	145.625	127.05	-2.38E+02	400.2	145.6250	114.78	2.30E+02	387.93	102.42	0.00E+00	93.28	0.00E+00
146.9643	400.21	146.9643	127.06	-2.39E+02	400.21	146.9643	114.86	2.28E+02	388.01	102.54	0.00E+00	93.4	0.00E+00
148.3005	400.22	148.3005	127.07	-2.41E+02	400.22	148.3005	114.94	2.26E+02	388.09	102.66	0.00E+00	93.53	0.00E+00
149.6398	400.24	149.6398	127.09	-2.42E+02	400.24	149.6398	115.02	2.25E+02	388.17	102.77	0.00E+00	93.65	0.00E+00
150.9791	400.25	150.9791	127.1	-2.43E+02	400.25	150.9791	115.09	2.23E+02	388.24	102.89	0.00E+00	93.77	0.00E+00
152.3184	400.26	152.3184	127.11	-2.45E+02	400.26	152.3184	115.17	2.22E+02	388.32	103.00	0.00E+00	93.89	0.00E+00
153.6577	400.28	153.6577	127.13	-2.46E+02	400.28	153.6577	115.24	2.20E+02	388.39	103.12	0.00E+00	94.01	0.00E+00
154.997	400.29	154.997	127.14	-2.47E+02	400.29	154.9970	115.31	2.19E+02	388.46	103.23	0.00E+00	94.13	0.00E+00
156.3363	400.3	156.3363	127.15	-2.49E+02	400.3	156.3363	115.38	2.17E+02	388.53	103.34	0.00E+00	94.25	0.00E+00
157.6756	400.31	157.6756	127.16	-2.50E+02	400.31	157.6756	115.45	2.16E+02	388.6	103.45	0.00E+00	94.37	0.00E+00
159.0149	400.32	159.0149	127.17	-2.51E+02	400.32	159.0149	115.51	2.14E+02	388.66	103.56	0.00E+00	94.48	0.00E+00
160.3542	400.33	160.3542	127.18	-2.52E+02	400.33	160.3542	115.58	2.13E+02	388.73	103.66	0.00E+00	94.59	0.00E+00
161.6935	400.34	161.6935	127.19	-2.53E+02	400.34	161.6935	115.64	2.11E+02	388.79	103.77	0.00E+00	94.71	0.00E+00
163.0328	400.35	163.0328	127.2	-2.55E+02	400.35	163.0328	115.70	2.10E+02	388.85	103.87	0.00E+00	94.82	0.00E+00
164.3721	400.35	164.3721	127.2	-2.56E+02	400.35	164.3721	115.76	2.08E+02	388.91	103.97	0.00E+00	94.93	0.00E+00
165.7114	400.36	165.7114	127.21	-2.57E+02	400.36	165.7114	115.82	2.07E+02	388.97	104.08	0.00E+00	95.04	0.00E+00
167.0507	400.37	167.0507	127.22	-2.58E+02	400.37	167.0507	115.88	2.05E+02	389.03	104.17	0.00E+00	95.15	0.00E+00
168.39	400.38	168.39	127.23	-2.59E+02	400.38	168.3900	115.94	2.04E+02	389.09	104.27	0.00E+00	95.26	0.00E+00
169.7263	400.38	169.7263	127.23	-2.60E+02	400.38	169.7263	115.99	2.03E+02	389.14	104.37	0.00E+00	95.36	0.00E+00
171.0646	400.39	171.0646	127.24	-2.61E+02	400.39	171.0646	116.05	2.01E+02	389.2	104.47	0.00E+00	95.47	0.00E+00
172.4039	400.39	172.4039	127.24	-2.62E+02	400.39	172.4039	116.10	2.00E+02	389.25	104.56	0.00E+00	95.57	0.00E+00
173.7432	400.4	173.7432	127.25	-2.63E+02	400.4	173.7432	116.15	1.98E+02	389.3	104.65	0.00E+00	95.68	0.00E+00
175.0825	400.41	175.0825	127.26	-2.63E+02	400.41	175.0825	116.20	1.97E+02	389.35	104.75	0.00E+00	95.78	0.00E+00
176.4218	400.41	176.4218	127.26	-2.64E+02	400.41	176.4218	116.25	1.96E+02	389.4	104.84	0.00E+00	95.88	0.00E+00
177.7611	400.42	177.7611	127.27	-2.65E+02	400.42	177.7611	116.30	1.94E+02	389.45	104.93	0.00E+00	95.98	0.00E+00
179.1004	400.42	179.1004	127.27	-2.66E+02	400.42	179.1004	116.34	1.93E+02	389.49	105.01	0.00E+00	96.08	0.00E+00
180.4397	400.43	180.4397	127.28	-2.67E+02	400.43	180.4397	116.39	1.92E+02	389.54	105.10	0.00E+00	96.18	0.00E+00
181.779	400.43	181.779	127.28	-2.68E+02	400.43	181.7790	116.43	1.90E+02	389.58	105.19	0.00E+00	96.28	0.00E+00
183.1183	400.43	183.1183	127.28	-2.68E+02	400.43	183.1183	116.48	1.89E+02	389.63	105.27	0.00E+00	96.37	0.00E+00
184.4576	400.44	184.4576	127.29	-2.69E+02	400.44	184.4576	116.52	1.88E+02	389.67	105.36	0.00E+00	96.47	0.00E+00
185.7969	400.44	185.7969	127.29	-2.70E+02	400.44	185.7969	116.56	1.87E+02	389.71	105.44	0.00E+00	96.56	0.00E+00
187.1362	400.45	187.1362	127.3	-2.71E+02	400.45	187.1362	116.60	1.85E+02	389.75	105.52	0.00E+00	96.66	0.00E+00
188.4755	400.45	188.4755	127.3	-2.71E+02	400.45	188.4755	116.64	1.84E+02	389.79	105.60	0.00E+00	96.75	0.00E+00
189.8117	400.45	189.8117	127.3	-2.72E+02	400.45	189.8117	116.68	1.83E+02	389.83	105.68	0.00E+00	96.84	0.00E+00
191.151	400.45	191.151	127.3	-2.73E+02	400.45	191.1510	116.72	1.82E+02	389.87	105.76	0.00E+00	96.93	0.00E+00
192.4903	400.46	192.4903	127.31	-2.73E+02	400.46	192.4903	116.75	1.80E+02	389.9	105.84	0.00E+00	97.02	0.00E+00
193.8296	400.46	193.8296	127.31	-2.74E+02	400.46	193.8296	116.79	1.79E+02	389.94	105.91	0.00E+00	97.11	0.00E+00
195.1689	400.46	195.1689	127.31	-2.74E+02	400.46	195.1689	116.82	1.78E+02	389.97	105.99	0.00E+00	97.2	0.00E+00
196.5083	400.47	196.5083	127.32	-2.75E+02	400.47	196.5083	116.86	1.77E+02	390.01	106.06	0.00E+00	97.29	0.00E+00
197.8476	400.47	197.8476	127.32	-2.76E+02	400.47	197.8476	116.89	1.76E+02	390.04	106.14	0.00E+00	97.38	0.00E+00
199.1869	400.47	199.1869	127.32	-2.76E+02	400.47	199.1869	116.92	1.74E+02	390.07	106.21	0.00E+00	97.46	0.00E+00
200.5262	400.47	200.5262	127.32	-2.77E+02	400.47	200.0000	116.94	1.74E+02	390.0942858	106.25	0.00E+00	97.51	0.00E+00
201.8655	400.47	201.8655	127.32	-2.77E+02	400.47	200.5262	116.96	1.73E+02	390.11	106.28	0.00E+00	97.55	0.00E+00
						201.8655	116.99	1.72E+02	390.14	106.35	0.00E+00	97.63	0.00E+00

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5.0227 91.29
6.359 94.02
7.6983 96.27
9.0376 98.21
10.3769 99.92
11.7162 101.46
13.0555 102.87
14.3948 104.15
15.7341 105.33
17.0734 106.42
18.4127 107.42
19.752 108.35
21.0913 109.22
22.4306 110.04
23.7699 110.8
25.1092 111.52
26.4454 112.2
27.7847 112.84
29.124 113.45
30.4585 114.03
30.4633 114.03
31.8026 114.58
33.1419 115.11
34.4803 115.6
35.8196 116.08
37.1589 116.54
38.4982 116.97
39.8375 117.39
41.1768 117.79
42.5161 118.17
43.8554 118.53
45.1947 118.88
46.5309 119.22
47.8702 119.54
49.2095 119.85
50.5488 120.15
51.8881 120.44
53.2274 120.71
54.5667 120.98
55.906 121.23
57.2453 121.47
58.5846 121.71
59.9239 121.94

-1 342.1968
-0.3345 343.3
0 343.8569
1.0048 345.53
2.3441 347.72
3.6834 349.81
5.0227 351.77
6.3590 353.56
7.6983 355.17
9.0376 356.61
10.3769 357.89
11.7162 359.02
13.0555 360.04
14.3948 360.96
15.7341 361.8
17.0734 362.58
18.4127 363.32
19.7520 364.02
21.0913 364.68
22.4306 365.32
23.7699 365.93
25.1092 366.52
26.4454 367.09
27.7847 367.64
29.1240 368.18
30.4585 368.6882
30.4633 368.69
31.8026 369.19
33.1419 369.68
34.4803 370.15
35.8196 370.6
37.1589 371.04
38.4982 371.48
39.8375 371.9
41.1768 372.31
42.5161 372.71
43.8554 373.1
45.1947 373.48
46.5309 373.85
47.8702 374.21
49.2095 374.57
50.5488 374.91
51.8881 375.25
53.2274 375.59
54.5667 375.91
55.9060 376.23
57.2453 376.55
58.5846 376.85
59.9239 377.15

61.2632	82.31	61.2632	122.15	61.2632	377.45
62.6025	82.54	62.6025	122.36	62.6025	377.73
63.9418	82.78	63.9418	122.56	63.9418	378.02
65.2811	83.01	65.2811	122.76	65.2811	378.29
66.6173	83.23	66.6173	122.94	66.6173	378.56
67.9566	83.46	67.9566	123.12	67.9566	378.83
69.2959	83.68	69.2959	123.29	69.2959	379.09
70.6352	83.9	70.6352	123.46	70.6352	379.35
71.9745	84.12	71.9745	123.62	71.9745	379.6
73.3138	84.33	73.3138	123.77	73.3138	379.84
74.6531	84.55	74.6531	123.92	74.6531	380.09
75.9924	84.76	75.9924	124.06	75.9924	380.32
77.3317	84.96	77.3317	124.19	77.3317	380.55
78.671	85.17	78.671	124.32	78.6710	380.78
78.6785	85.17	78.6785	124.32	78.6785	380.7812
80.0094	85.37	80.0094	124.45	80.0094	381
81.3487	85.58	81.3487	124.57	81.3487	381.22
82.688	85.78	82.688	124.69	82.6880	381.44
84.0273	85.97	84.0273	124.8	84.0273	381.65
85.3666	86.17	85.3666	124.9	85.3666	381.86
86.7059	86.36	86.7059	125.01	86.7059	382.06
88.0421	86.56	88.0421	125.11	88.0421	382.26
89.3814	86.75	89.3814	125.2	89.3814	382.45
90.7207	86.94	90.7207	125.29	90.7207	382.64
92.06	87.12	92.06	125.38	92.0600	382.83
93.3993	87.31	93.3993	125.46	93.3993	383.01
94.7386	87.49	94.7386	125.55	94.7386	383.19
96.0779	87.67	96.0779	125.62	96.0779	383.37
97.4172	87.85	97.4172	125.7	97.4172	383.54
98.7565	88.03	98.7565	125.77	98.7565	383.71
100.0958	88.2	100.0958	125.84	100.0958	383.88
101.4351	88.38	101.4351	125.9	101.4351	384.04
102.7744	88.55	102.7744	125.97	102.7744	384.2
104.1137	88.72	104.1137	126.03	104.1137	384.36
105.453	88.89	105.453	126.09	105.4530	384.51
106.7923	89.06	106.7923	126.14	106.7923	384.67
108.1286	89.22	108.1286	126.19	108.1286	384.81
109.4679	89.39	109.4679	126.25	109.4679	384.96
110.8072	89.55	110.8072	126.3	110.8072	385.1
112.1465	89.71	112.1465	126.34	112.1465	385.24
113.4858	89.87	113.4858	126.39	113.4858	385.38
114.8251	90.03	114.8251	126.43	114.8251	385.51
116.1644	90.18	116.1644	126.47	116.1644	385.64
117.5037	90.34	117.5037	126.51	117.5037	385.77
118.843	90.49	118.843	126.55	118.8430	385.89
120.1823	90.65	120.1823	126.59	120.1823	386.02
121.5216	90.8	121.5216	126.62	121.5216	386.14
122.8609	90.95	122.8609	126.65	122.8609	386.26
124.2002	91.09	124.2002	126.69	124.2002	386.37
125.5385	91.24	125.5385	126.72	125.5385	386.49
126.8778	91.38	126.8778	126.75	126.8778	386.6
128.2141	91.53	128.2141	126.77	128.2141	386.71

129.5534	91.67	129.5534	126.8	129.5534	386.81
130.8927	91.81	130.8927	126.83	130.8927	386.92
132.232	91.95	132.232	126.85	132.2320	387.02
133.5713	92.09	133.5713	126.88	133.5713	387.12
134.9106	92.23	134.9106	126.9	134.9106	387.22
136.2499	92.36	136.2499	126.92	136.2499	387.31
137.5892	92.5	137.5892	126.94	137.5892	387.41
138.9285	92.63	138.9285	126.96	138.9285	387.5
140.2678	92.76	140.2678	126.98	140.2678	387.59
141.6071	92.89	141.6071	127	141.6071	387.68
142.9464	93.02	142.9464	127.01	142.9464	387.76
144.2857	93.15	144.2857	127.03	144.2857	387.85
145.625	93.28	145.625	127.05	145.6250	387.93
146.9643	93.4	146.9643	127.06	146.9643	388.01
148.3005	93.53	148.3005	127.07	148.3005	388.09
149.6398	93.65	149.6398	127.09	149.6398	388.17
150.9791	93.77	150.9791	127.1	150.9791	388.24
152.3184	93.89	152.3184	127.11	152.3184	388.32
153.6577	94.01	153.6577	127.13	153.6577	388.39
154.997	94.13	154.997	127.14	154.9970	388.46
156.3363	94.25	156.3363	127.15	156.3363	388.53
157.6756	94.37	157.6756	127.16	157.6756	388.6
159.0149	94.48	159.0149	127.17	159.0149	388.66
160.3542	94.59	160.3542	127.18	160.3542	388.73
161.6935	94.71	161.6935	127.19	161.6935	388.79
163.0328	94.82	163.0328	127.2	163.0328	388.85
164.3721	94.93	164.3721	127.2	164.3721	388.91
165.7114	95.04	165.7114	127.21	165.7114	388.97
167.0507	95.15	167.0507	127.22	167.0507	389.03
168.39	95.26	168.39	127.23	168.3900	389.09
169.7263	95.36	169.7263	127.23	169.7263	389.14
171.0646	95.47	171.0646	127.24	171.0646	389.2
172.4039	95.57	172.4039	127.24	172.4039	389.25
173.7432	95.68	173.7432	127.25	173.7432	389.3
175.0825	95.78	175.0825	127.26	175.0825	389.35
176.4218	95.88	176.4218	127.26	176.4218	389.4
177.7611	95.98	177.7611	127.27	177.7611	389.45
179.1004	96.08	179.1004	127.27	179.1004	389.49
180.4397	96.18	180.4397	127.28	180.4397	389.54
181.779	96.28	181.779	127.28	181.7790	389.58
183.1183	96.37	183.1183	127.28	183.1183	389.63
184.4576	96.47	184.4576	127.29	184.4576	389.67
185.7969	96.56	185.7969	127.29	185.7969	389.71
187.1362	96.66	187.1362	127.3	187.1362	389.75
188.4755	96.75	188.4755	127.3	188.4755	389.79
189.8117	96.84	189.8117	127.3	189.8117	389.83
191.151	96.93	191.151	127.3	191.1510	389.87
192.4903	97.02	192.4903	127.31	192.4903	389.9
193.8296	97.11	193.8296	127.31	193.8296	389.94
195.1689	97.2	195.1689	127.31	195.1689	389.97
196.5083	97.29	196.5083	127.32	196.5083	390.01
197.8476	97.38	197.8476	127.32	197.8476	390.04

199.1869	97.46
200	97.51
200.5262	97.55
201.8655	97.63

199.1869	127.32
200.5262	127.32
201.8655	127.32

199.1869	390.07
200.0000	390.0943
200.5262	390.11
201.8655	390.14

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flscon:      version      8.2 win32-cvf      2003
FLOW-3D      14:22:15 02/05/2004 bmtf
hydr3d:      version      8.2 win32-cvf      2003
Cold         Trap         -         Full      Scale - 3D

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prep3d:      version      8.2 win32-cvf      2003
printing      tn          t=.3153      (ix=2      to          245 jy=2      to          245
              4          4          3.15E-01 3.15E-01      2

```

No Vapor Transport, Temp. Gradient Boundary

x	y	z	tn
-1.13E+00	4.91E-02	4.00E+00	3.45E+02 7.16E+01
-8.54E-01	4.91E-02	4.00E+00	3.46E+02 7.27E+01
-5.09E-01	4.91E-02	4.00E+00	3.47E+02 7.41E+01
-1.55E-01	4.91E-02	4.00E+00	3.49E+02 7.55E+01
1.43E-01	4.91E-02	4.00E+00	3.50E+02 7.66E+01
4.29E-01	4.91E-02	4.00E+00	3.51E+02 7.76E+01
7.14E-01	4.91E-02	4.00E+00	3.52E+02 7.86E+01
1.00E+00	4.91E-02	4.00E+00	3.53E+02 7.95E+01
1.29E+00	4.91E-02	4.00E+00	3.54E+02 8.04E+01
1.57E+00	4.91E-02	4.00E+00	3.54E+02 8.13E+01
1.86E+00	4.91E-02	4.00E+00	3.55E+02 8.22E+01
2.14E+00	4.91E-02	4.00E+00	3.56E+02 8.30E+01
2.43E+00	4.91E-02	4.00E+00	3.57E+02 8.38E+01
2.71E+00	4.91E-02	4.00E+00	3.58E+02 8.46E+01
3.00E+00	4.91E-02	4.00E+00	3.59E+02 8.54E+01
3.29E+00	4.91E-02	4.00E+00	3.59E+02 8.61E+01
3.57E+00	4.91E-02	4.00E+00	3.60E+02 8.68E+01
3.86E+00	4.91E-02	4.00E+00	3.61E+02 8.75E+01
4.14E+00	4.91E-02	4.00E+00	3.61E+02 8.82E+01
4.43E+00	4.91E-02	4.00E+00	3.62E+02 8.89E+01
4.71E+00	4.91E-02	4.00E+00	3.63E+02 8.95E+01
5.00E+00	4.91E-02	4.00E+00	3.63E+02 9.01E+01
5.29E+00	4.91E-02	4.00E+00	3.64E+02 9.07E+01
5.57E+00	4.91E-02	4.00E+00	3.64E+02 9.13E+01
5.86E+00	4.91E-02	4.00E+00	3.65E+02 9.19E+01
6.14E+00	4.91E-02	4.00E+00	3.66E+02 9.24E+01
6.43E+00	4.91E-02	4.00E+00	3.66E+02 9.30E+01
6.71E+00	4.91E-02	4.00E+00	3.67E+02 9.35E+01
7.00E+00	4.91E-02	4.00E+00	3.67E+02 9.40E+01
7.29E+00	4.91E-02	4.00E+00	3.68E+02 9.45E+01
7.57E+00	4.91E-02	4.00E+00	3.68E+02 9.50E+01
7.86E+00	4.91E-02	4.00E+00	3.69E+02 9.55E+01
8.14E+00	4.91E-02	4.00E+00	3.69E+02 9.60E+01
8.43E+00	4.91E-02	4.00E+00	3.70E+02 9.64E+01

8.71E+00	4.91E-02	4.00E+00	3.70E+02	9.69E+01
9.00E+00	4.91E-02	4.00E+00	3.70E+02	9.73E+01
9.29E+00	4.91E-02	4.00E+00	3.71E+02	9.77E+01
9.57E+00	4.91E-02	4.00E+00	3.71E+02	9.81E+01
9.86E+00	4.91E-02	4.00E+00	3.72E+02	9.85E+01
1.01E+01	4.91E-02	4.00E+00	3.72E+02	9.89E+01
1.04E+01	4.91E-02	4.00E+00	3.72E+02	9.93E+01
1.07E+01	4.91E-02	4.00E+00	3.73E+02	9.97E+01
1.10E+01	4.91E-02	4.00E+00	3.73E+02	1.00E+02
1.13E+01	4.91E-02	4.00E+00	3.74E+02	1.00E+02
1.16E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
1.19E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
1.21E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
1.24E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
1.27E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
1.30E+01	4.91E-02	4.00E+00	3.76E+02	1.02E+02
1.33E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
1.36E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
1.39E+01	4.91E-02	4.00E+00	3.77E+02	1.03E+02
1.41E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
1.44E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
1.47E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
1.50E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.53E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.56E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.59E+01	4.91E-02	4.00E+00	3.79E+02	1.05E+02
1.61E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
1.64E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
1.67E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
1.70E+01	4.91E-02	4.00E+00	3.80E+02	1.06E+02
1.73E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
1.76E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
1.79E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
1.81E+01	4.91E-02	4.00E+00	3.81E+02	1.07E+02
1.84E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
1.87E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
1.90E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
1.93E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
1.96E+01	4.91E-02	4.00E+00	3.82E+02	1.08E+02
1.99E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02
2.01E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02
2.04E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02
2.07E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02

2.10E+01	4.91E-02	4.00E+00	3.83E+02	1.09E+02
2.13E+01	4.91E-02	4.00E+00	3.83E+02	1.10E+02
2.16E+01	4.91E-02	4.00E+00	3.83E+02	1.10E+02
2.19E+01	4.91E-02	4.00E+00	3.83E+02	1.10E+02
2.21E+01	4.91E-02	4.00E+00	3.83E+02	1.10E+02
2.24E+01	4.91E-02	4.00E+00	3.84E+02	1.10E+02
2.27E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
2.30E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
2.33E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
2.36E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
2.39E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
2.41E+01	4.91E-02	4.00E+00	3.85E+02	1.11E+02
2.44E+01	4.91E-02	4.00E+00	3.85E+02	1.12E+02
2.47E+01	4.91E-02	4.00E+00	3.85E+02	1.12E+02
2.50E+01	4.91E-02	4.00E+00	3.85E+02	1.12E+02
2.53E+01	4.91E-02	4.00E+00	3.85E+02	1.12E+02
2.56E+01	4.91E-02	4.00E+00	3.85E+02	1.12E+02
2.59E+01	4.91E-02	4.00E+00	3.86E+02	1.12E+02
2.61E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.64E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.67E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.70E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.73E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.76E+01	4.91E-02	4.00E+00	3.86E+02	1.13E+02
2.79E+01	4.91E-02	4.00E+00	3.87E+02	1.13E+02
2.81E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.84E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.87E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.90E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.93E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.96E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
2.99E+01	4.91E-02	4.00E+00	3.87E+02	1.14E+02
3.01E+01	4.91E-02	4.00E+00	3.88E+02	1.14E+02
3.04E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.07E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.10E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.13E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.16E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.19E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.21E+01	4.91E-02	4.00E+00	3.88E+02	1.15E+02
3.24E+01	4.91E-02	4.00E+00	3.89E+02	1.15E+02
3.27E+01	4.91E-02	4.00E+00	3.89E+02	1.15E+02
3.30E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02

3.33E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.36E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.39E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.41E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.44E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.47E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.50E+01	4.91E-02	4.00E+00	3.89E+02	1.16E+02
3.53E+01	4.91E-02	4.00E+00	3.90E+02	1.16E+02
3.56E+01	4.91E-02	4.00E+00	3.90E+02	1.16E+02
3.59E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.61E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.64E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.67E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.70E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.73E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.76E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.79E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.81E+01	4.91E-02	4.00E+00	3.90E+02	1.17E+02
3.84E+01	4.91E-02	4.00E+00	3.91E+02	1.17E+02
3.87E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
3.90E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
3.93E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
3.96E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
3.99E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.01E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.04E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.08E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.11E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.14E+01	4.91E-02	4.00E+00	3.91E+02	1.18E+02
4.18E+01	4.91E-02	4.00E+00	3.92E+02	1.18E+02
4.22E+01	4.91E-02	4.00E+00	3.92E+02	1.18E+02
4.26E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.30E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.34E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.38E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.43E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.47E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.52E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.57E+01	4.91E-02	4.00E+00	3.92E+02	1.19E+02
4.62E+01	4.91E-02	4.00E+00	3.93E+02	1.19E+02
4.67E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
4.72E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
4.77E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02

4.83E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
4.88E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
4.94E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
4.99E+01	4.91E-02	4.00E+00	3.93E+02	1.20E+02
5.05E+01	4.91E-02	4.00E+00	3.94E+02	1.20E+02
5.11E+01	4.91E-02	4.00E+00	3.94E+02	1.20E+02
5.17E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.22E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.28E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.35E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.41E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.47E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.53E+01	4.91E-02	4.00E+00	3.94E+02	1.21E+02
5.59E+01	4.91E-02	4.00E+00	3.95E+02	1.21E+02
5.66E+01	4.91E-02	4.00E+00	3.95E+02	1.21E+02
5.72E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
5.79E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
5.85E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
5.92E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
5.98E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
6.05E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
6.11E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
6.18E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
6.25E+01	4.91E-02	4.00E+00	3.95E+02	1.22E+02
6.31E+01	4.91E-02	4.00E+00	3.96E+02	1.22E+02
6.38E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.44E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.51E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.58E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.64E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.71E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.78E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.84E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.91E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
6.98E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
7.04E+01	4.91E-02	4.00E+00	3.96E+02	1.23E+02
7.11E+01	4.91E-02	4.00E+00	3.97E+02	1.23E+02
7.17E+01	4.91E-02	4.00E+00	3.97E+02	1.23E+02
7.24E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.30E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.36E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.43E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.49E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02

7.55E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.62E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.68E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.74E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.80E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.86E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.91E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
7.97E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
8.06E+01	4.91E-02	4.00E+00	3.97E+02	1.24E+02
8.24E+01	4.91E-02	4.00E+00	3.98E+02	1.24E+02
8.54E+01	4.91E-02	4.00E+00	3.98E+02	1.25E+02
8.92E+01	4.91E-02	4.00E+00	3.98E+02	1.25E+02
9.37E+01	4.91E-02	4.00E+00	3.98E+02	1.25E+02
9.86E+01	4.91E-02	4.00E+00	3.99E+02	1.25E+02
1.04E+02	4.91E-02	4.00E+00	3.99E+02	1.26E+02
1.09E+02	4.91E-02	4.00E+00	3.99E+02	1.26E+02
1.14E+02	4.91E-02	4.00E+00	3.99E+02	1.26E+02
1.18E+02	4.91E-02	4.00E+00	3.99E+02	1.26E+02
1.22E+02	4.91E-02	4.00E+00	4.00E+02	1.26E+02
1.26E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.30E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.34E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.38E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.42E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.46E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.50E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.54E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.58E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.62E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.66E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.70E+02	4.91E-02	4.00E+00	4.00E+02	1.27E+02
1.74E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.78E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.81E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.85E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.89E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.93E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02
1.97E+02	4.91E-02	4.00E+00	4.01E+02	1.27E+02

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flscon:      version      8.2 win32-cvf      2003
FLOW-3D      14:32:25    02/05/2004 naca
hydr3d:      version      8.2 win32-cvf      2003
Cold         Trap        -      Full      Scale  3D      -      Rock      Temp      TEst,      274 yr

5
prep3d:      version      8.2 win32-cvf      2003
printing      tn          t=.1000      (ix=2      to      245 jy=2      to      245
                2          2          1.00E-01  1.00E-01      2          2          2          59          59          59)

x      y      z      tn
-1.13E+00  4.91E-02  4.00E+00  3.42E+02  6.87E+01
-8.54E-01  4.91E-02  4.00E+00  3.43E+02  6.94E+01
-5.09E-01  4.91E-02  4.00E+00  3.43E+02  7.01E+01
-1.55E-01  4.91E-02  4.00E+00  3.44E+02  7.09E+01
 1.43E-01  4.91E-02  4.00E+00  3.45E+02  7.15E+01
 4.29E-01  4.91E-02  4.00E+00  3.45E+02  7.21E+01
 7.14E-01  4.91E-02  4.00E+00  3.46E+02  7.27E+01
 1.00E+00  4.91E-02  4.00E+00  3.46E+02  7.32E+01
 1.29E+00  4.91E-02  4.00E+00  3.47E+02  7.37E+01
 1.57E+00  4.91E-02  4.00E+00  3.47E+02  7.42E+01
 1.86E+00  4.91E-02  4.00E+00  3.48E+02  7.47E+01
 2.14E+00  4.91E-02  4.00E+00  3.48E+02  7.51E+01
 2.43E+00  4.91E-02  4.00E+00  3.49E+02  7.56E+01
 2.71E+00  4.91E-02  4.00E+00  3.49E+02  7.60E+01
 3.00E+00  4.91E-02  4.00E+00  3.50E+02  7.65E+01
 3.29E+00  4.91E-02  4.00E+00  3.50E+02  7.69E+01
 3.57E+00  4.91E-02  4.00E+00  3.50E+02  7.73E+01
 3.86E+00  4.91E-02  4.00E+00  3.51E+02  7.77E+01
 4.14E+00  4.91E-02  4.00E+00  3.51E+02  7.81E+01
 4.43E+00  4.91E-02  4.00E+00  3.52E+02  7.84E+01
 4.71E+00  4.91E-02  4.00E+00  3.52E+02  7.88E+01
 5.00E+00  4.91E-02  4.00E+00  3.52E+02  7.91E+01
 5.29E+00  4.91E-02  4.00E+00  3.53E+02  7.95E+01
 5.57E+00  4.91E-02  4.00E+00  3.53E+02  7.98E+01
 5.86E+00  4.91E-02  4.00E+00  3.53E+02  8.02E+01
 6.14E+00  4.91E-02  4.00E+00  3.54E+02  8.05E+01
 6.43E+00  4.91E-02  4.00E+00  3.54E+02  8.08E+01
 6.71E+00  4.91E-02  4.00E+00  3.54E+02  8.11E+01
 7.00E+00  4.91E-02  4.00E+00  3.55E+02  8.14E+01
 7.29E+00  4.91E-02  4.00E+00  3.55E+02  8.17E+01
 7.57E+00  4.91E-02  4.00E+00  3.55E+02  8.20E+01
 7.86E+00  4.91E-02  4.00E+00  3.55E+02  8.23E+01
 8.14E+00  4.91E-02  4.00E+00  3.56E+02  8.25E+01
 8.43E+00  4.91E-02  4.00E+00  3.56E+02  8.28E+01
 8.71E+00  4.91E-02  4.00E+00  3.56E+02  8.31E+01
 9.00E+00  4.91E-02  4.00E+00  3.56E+02  8.33E+01
 9.29E+00  4.91E-02  4.00E+00  3.57E+02  8.36E+01

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9.57E+00	4.91E-02	4.00E+00	3.57E+02	8.38E+01
9.86E+00	4.91E-02	4.00E+00	3.57E+02	8.41E+01
1.01E+01	4.91E-02	4.00E+00	3.57E+02	8.43E+01
1.04E+01	4.91E-02	4.00E+00	3.58E+02	8.46E+01
1.07E+01	4.91E-02	4.00E+00	3.58E+02	8.48E+01
1.10E+01	4.91E-02	4.00E+00	3.58E+02	8.50E+01
1.13E+01	4.91E-02	4.00E+00	3.58E+02	8.53E+01
1.16E+01	4.91E-02	4.00E+00	3.59E+02	8.55E+01
1.19E+01	4.91E-02	4.00E+00	3.59E+02	8.57E+01
1.21E+01	4.91E-02	4.00E+00	3.59E+02	8.59E+01
1.24E+01	4.91E-02	4.00E+00	3.59E+02	8.61E+01
1.27E+01	4.91E-02	4.00E+00	3.59E+02	8.63E+01
1.30E+01	4.91E-02	4.00E+00	3.60E+02	8.65E+01
1.33E+01	4.91E-02	4.00E+00	3.60E+02	8.67E+01
1.36E+01	4.91E-02	4.00E+00	3.60E+02	8.70E+01
1.39E+01	4.91E-02	4.00E+00	3.60E+02	8.71E+01
1.41E+01	4.91E-02	4.00E+00	3.60E+02	8.73E+01
1.44E+01	4.91E-02	4.00E+00	3.61E+02	8.75E+01
1.47E+01	4.91E-02	4.00E+00	3.61E+02	8.77E+01
1.50E+01	4.91E-02	4.00E+00	3.61E+02	8.79E+01
1.53E+01	4.91E-02	4.00E+00	3.61E+02	8.81E+01
1.56E+01	4.91E-02	4.00E+00	3.61E+02	8.83E+01
1.59E+01	4.91E-02	4.00E+00	3.62E+02	8.85E+01
1.61E+01	4.91E-02	4.00E+00	3.62E+02	8.86E+01
1.64E+01	4.91E-02	4.00E+00	3.62E+02	8.88E+01
1.67E+01	4.91E-02	4.00E+00	3.62E+02	8.90E+01
1.70E+01	4.91E-02	4.00E+00	3.62E+02	8.92E+01
1.73E+01	4.91E-02	4.00E+00	3.62E+02	8.93E+01
1.76E+01	4.91E-02	4.00E+00	3.63E+02	8.95E+01
1.79E+01	4.91E-02	4.00E+00	3.63E+02	8.97E+01
1.81E+01	4.91E-02	4.00E+00	3.63E+02	8.98E+01
1.84E+01	4.91E-02	4.00E+00	3.63E+02	9.00E+01
1.87E+01	4.91E-02	4.00E+00	3.63E+02	9.01E+01
1.90E+01	4.91E-02	4.00E+00	3.63E+02	9.03E+01
1.93E+01	4.91E-02	4.00E+00	3.64E+02	9.05E+01
1.96E+01	4.91E-02	4.00E+00	3.64E+02	9.06E+01
1.99E+01	4.91E-02	4.00E+00	3.64E+02	9.08E+01
2.01E+01	4.91E-02	4.00E+00	3.64E+02	9.09E+01
2.04E+01	4.91E-02	4.00E+00	3.64E+02	9.11E+01
2.07E+01	4.91E-02	4.00E+00	3.64E+02	9.12E+01
2.10E+01	4.91E-02	4.00E+00	3.65E+02	9.14E+01
2.13E+01	4.91E-02	4.00E+00	3.65E+02	9.15E+01
2.16E+01	4.91E-02	4.00E+00	3.65E+02	9.17E+01
2.19E+01	4.91E-02	4.00E+00	3.65E+02	9.18E+01
2.21E+01	4.91E-02	4.00E+00	3.65E+02	9.19E+01
2.24E+01	4.91E-02	4.00E+00	3.65E+02	9.21E+01

2.27E+01	4.91E-02	4.00E+00	3.65E+02	9.22E+01
2.30E+01	4.91E-02	4.00E+00	3.66E+02	9.24E+01
2.33E+01	4.91E-02	4.00E+00	3.66E+02	9.25E+01
2.36E+01	4.91E-02	4.00E+00	3.66E+02	9.26E+01
2.39E+01	4.91E-02	4.00E+00	3.66E+02	9.28E+01
2.41E+01	4.91E-02	4.00E+00	3.66E+02	9.29E+01
2.44E+01	4.91E-02	4.00E+00	3.66E+02	9.30E+01
2.47E+01	4.91E-02	4.00E+00	3.66E+02	9.32E+01
2.50E+01	4.91E-02	4.00E+00	3.66E+02	9.33E+01
2.53E+01	4.91E-02	4.00E+00	3.67E+02	9.34E+01
2.56E+01	4.91E-02	4.00E+00	3.67E+02	9.35E+01
2.59E+01	4.91E-02	4.00E+00	3.67E+02	9.37E+01
2.61E+01	4.91E-02	4.00E+00	3.67E+02	9.38E+01
2.64E+01	4.91E-02	4.00E+00	3.67E+02	9.39E+01
2.67E+01	4.91E-02	4.00E+00	3.67E+02	9.40E+01
2.70E+01	4.91E-02	4.00E+00	3.67E+02	9.42E+01
2.73E+01	4.91E-02	4.00E+00	3.67E+02	9.43E+01
2.76E+01	4.91E-02	4.00E+00	3.68E+02	9.44E+01
2.79E+01	4.91E-02	4.00E+00	3.68E+02	9.45E+01
2.81E+01	4.91E-02	4.00E+00	3.68E+02	9.46E+01
2.84E+01	4.91E-02	4.00E+00	3.68E+02	9.47E+01
2.87E+01	4.91E-02	4.00E+00	3.68E+02	9.49E+01
2.90E+01	4.91E-02	4.00E+00	3.68E+02	9.50E+01
2.93E+01	4.91E-02	4.00E+00	3.68E+02	9.51E+01
2.96E+01	4.91E-02	4.00E+00	3.68E+02	9.52E+01
2.99E+01	4.91E-02	4.00E+00	3.68E+02	9.53E+01
3.01E+01	4.91E-02	4.00E+00	3.69E+02	9.54E+01
3.04E+01	4.91E-02	4.00E+00	3.69E+02	9.55E+01
3.07E+01	4.91E-02	4.00E+00	3.69E+02	9.57E+01
3.10E+01	4.91E-02	4.00E+00	3.69E+02	9.58E+01
3.13E+01	4.91E-02	4.00E+00	3.69E+02	9.59E+01
3.16E+01	4.91E-02	4.00E+00	3.69E+02	9.60E+01
3.19E+01	4.91E-02	4.00E+00	3.69E+02	9.61E+01
3.21E+01	4.91E-02	4.00E+00	3.69E+02	9.62E+01
3.24E+01	4.91E-02	4.00E+00	3.69E+02	9.63E+01
3.27E+01	4.91E-02	4.00E+00	3.70E+02	9.64E+01
3.30E+01	4.91E-02	4.00E+00	3.70E+02	9.65E+01
3.33E+01	4.91E-02	4.00E+00	3.70E+02	9.66E+01
3.36E+01	4.91E-02	4.00E+00	3.70E+02	9.67E+01
3.39E+01	4.91E-02	4.00E+00	3.70E+02	9.68E+01
3.41E+01	4.91E-02	4.00E+00	3.70E+02	9.69E+01
3.44E+01	4.91E-02	4.00E+00	3.70E+02	9.70E+01
3.47E+01	4.91E-02	4.00E+00	3.70E+02	9.71E+01
3.50E+01	4.91E-02	4.00E+00	3.70E+02	9.72E+01
3.53E+01	4.91E-02	4.00E+00	3.70E+02	9.73E+01
3.56E+01	4.91E-02	4.00E+00	3.71E+02	9.74E+01

3.59E+01	4.91E-02	4.00E+00	3.71E+02	9.75E+01
3.61E+01	4.91E-02	4.00E+00	3.71E+02	9.76E+01
3.64E+01	4.91E-02	4.00E+00	3.71E+02	9.77E+01
3.67E+01	4.91E-02	4.00E+00	3.71E+02	9.78E+01
3.70E+01	4.91E-02	4.00E+00	3.71E+02	9.79E+01
3.73E+01	4.91E-02	4.00E+00	3.71E+02	9.80E+01
3.76E+01	4.91E-02	4.00E+00	3.71E+02	9.81E+01
3.79E+01	4.91E-02	4.00E+00	3.71E+02	9.82E+01
3.81E+01	4.91E-02	4.00E+00	3.71E+02	9.83E+01
3.84E+01	4.91E-02	4.00E+00	3.72E+02	9.84E+01
3.87E+01	4.91E-02	4.00E+00	3.72E+02	9.85E+01
3.90E+01	4.91E-02	4.00E+00	3.72E+02	9.85E+01
3.93E+01	4.91E-02	4.00E+00	3.72E+02	9.86E+01
3.96E+01	4.91E-02	4.00E+00	3.72E+02	9.87E+01
3.99E+01	4.91E-02	4.00E+00	3.72E+02	9.88E+01
4.01E+01	4.91E-02	4.00E+00	3.72E+02	9.89E+01
4.04E+01	4.91E-02	4.00E+00	3.72E+02	9.90E+01
4.08E+01	4.91E-02	4.00E+00	3.72E+02	9.91E+01
4.11E+01	4.91E-02	4.00E+00	3.72E+02	9.92E+01
4.14E+01	4.91E-02	4.00E+00	3.72E+02	9.93E+01
4.18E+01	4.91E-02	4.00E+00	3.73E+02	9.94E+01
4.22E+01	4.91E-02	4.00E+00	3.73E+02	9.95E+01
4.26E+01	4.91E-02	4.00E+00	3.73E+02	9.96E+01
4.30E+01	4.91E-02	4.00E+00	3.73E+02	9.98E+01
4.34E+01	4.91E-02	4.00E+00	3.73E+02	9.99E+01
4.38E+01	4.91E-02	4.00E+00	3.73E+02	1.00E+02
4.43E+01	4.91E-02	4.00E+00	3.73E+02	1.00E+02
4.47E+01	4.91E-02	4.00E+00	3.73E+02	1.00E+02
4.52E+01	4.91E-02	4.00E+00	3.74E+02	1.00E+02
4.57E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.62E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.67E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.72E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.77E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.83E+01	4.91E-02	4.00E+00	3.74E+02	1.01E+02
4.88E+01	4.91E-02	4.00E+00	3.75E+02	1.01E+02
4.94E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
4.99E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
5.05E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
5.11E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
5.17E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
5.22E+01	4.91E-02	4.00E+00	3.75E+02	1.02E+02
5.28E+01	4.91E-02	4.00E+00	3.76E+02	1.02E+02
5.35E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
5.41E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
5.47E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02

5.53E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
5.59E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
5.66E+01	4.91E-02	4.00E+00	3.76E+02	1.03E+02
5.72E+01	4.91E-02	4.00E+00	3.77E+02	1.03E+02
5.79E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
5.85E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
5.92E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
5.98E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
6.05E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
6.11E+01	4.91E-02	4.00E+00	3.77E+02	1.04E+02
6.18E+01	4.91E-02	4.00E+00	3.78E+02	1.04E+02
6.25E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.31E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.38E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.44E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.51E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.58E+01	4.91E-02	4.00E+00	3.78E+02	1.05E+02
6.64E+01	4.91E-02	4.00E+00	3.79E+02	1.05E+02
6.71E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
6.78E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
6.84E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
6.91E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
6.98E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
7.04E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
7.11E+01	4.91E-02	4.00E+00	3.79E+02	1.06E+02
7.17E+01	4.91E-02	4.00E+00	3.80E+02	1.06E+02
7.24E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.30E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.36E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.43E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.49E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.55E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.62E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.68E+01	4.91E-02	4.00E+00	3.80E+02	1.07E+02
7.74E+01	4.91E-02	4.00E+00	3.81E+02	1.07E+02
7.80E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
7.86E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
7.91E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
7.97E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
8.06E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
8.24E+01	4.91E-02	4.00E+00	3.81E+02	1.08E+02
8.54E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02
8.92E+01	4.91E-02	4.00E+00	3.82E+02	1.09E+02
9.37E+01	4.91E-02	4.00E+00	3.83E+02	1.10E+02
9.86E+01	4.91E-02	4.00E+00	3.84E+02	1.11E+02
1.04E+02	4.91E-02	4.00E+00	3.84E+02	1.11E+02

1.09E+02	4.91E-02	4.00E+00	3.85E+02	1.12E+02
1.14E+02	4.91E-02	4.00E+00	3.85E+02	1.12E+02
1.18E+02	4.91E-02	4.00E+00	3.86E+02	1.13E+02
1.22E+02	4.91E-02	4.00E+00	3.86E+02	1.13E+02
1.26E+02	4.91E-02	4.00E+00	3.87E+02	1.13E+02
1.30E+02	4.91E-02	4.00E+00	3.87E+02	1.14E+02
1.34E+02	4.91E-02	4.00E+00	3.87E+02	1.14E+02
1.38E+02	4.91E-02	4.00E+00	3.87E+02	1.14E+02
1.42E+02	4.91E-02	4.00E+00	3.88E+02	1.15E+02
1.46E+02	4.91E-02	4.00E+00	3.88E+02	1.15E+02
1.50E+02	4.91E-02	4.00E+00	3.88E+02	1.15E+02
1.54E+02	4.91E-02	4.00E+00	3.88E+02	1.15E+02
1.58E+02	4.91E-02	4.00E+00	3.89E+02	1.15E+02
1.62E+02	4.91E-02	4.00E+00	3.89E+02	1.16E+02
1.66E+02	4.91E-02	4.00E+00	3.89E+02	1.16E+02
1.70E+02	4.91E-02	4.00E+00	3.89E+02	1.16E+02
1.74E+02	4.91E-02	4.00E+00	3.89E+02	1.16E+02
1.78E+02	4.91E-02	4.00E+00	3.89E+02	1.16E+02
1.81E+02	4.91E-02	4.00E+00	3.90E+02	1.16E+02
1.85E+02	4.91E-02	4.00E+00	3.90E+02	1.17E+02
1.89E+02	4.91E-02	4.00E+00	3.90E+02	1.17E+02
1.93E+02	4.91E-02	4.00E+00	3.90E+02	1.17E+02
1.97E+02	4.91E-02	4.00E+00	3.90E+02	1.17E+02

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flscon:      version      8.2 win32-cvf      2003
FLOW-3D      14:30:38    02/05/2004 jbyh
hydr3d:      version      8.2 win32-cvf      2003
Cold         Trap         Full      Scale      3D      -      Rock      Temp      TEst,      574 yr

5
prep3d:      version      8.2 win32-cvf      2003
printing      tn          t=1000      (ix=2      to      245 jy=2      to      245
                2          2          1.00E-01  1.00E-01      2          2          2          59      59      59)
x            y            z            tn
-1.13E+00    4.91E-02      4.00E+00  3.39E+02  6.56E+01
-8.54E-01    4.91E-02      4.00E+00  3.39E+02  6.59E+01
-5.09E-01    4.91E-02      4.00E+00  3.39E+02  6.63E+01
-1.55E-01    4.91E-02      4.00E+00  3.40E+02  6.68E+01
1.43E-01     4.91E-02      4.00E+00  3.40E+02  6.71E+01
4.29E-01     4.91E-02      4.00E+00  3.41E+02  6.74E+01
7.14E-01     4.91E-02      4.00E+00  3.41E+02  6.77E+01
1.00E+00     4.91E-02      4.00E+00  3.41E+02  6.80E+01
1.29E+00     4.91E-02      4.00E+00  3.41E+02  6.83E+01
1.57E+00     4.91E-02      4.00E+00  3.42E+02  6.85E+01
1.86E+00     4.91E-02      4.00E+00  3.42E+02  6.88E+01
2.14E+00     4.91E-02      4.00E+00  3.42E+02  6.91E+01
2.43E+00     4.91E-02      4.00E+00  3.42E+02  6.93E+01
2.71E+00     4.91E-02      4.00E+00  3.43E+02  6.96E+01
3.00E+00     4.91E-02      4.00E+00  3.43E+02  6.99E+01
3.29E+00     4.91E-02      4.00E+00  3.43E+02  7.01E+01
3.57E+00     4.91E-02      4.00E+00  3.43E+02  7.03E+01
3.86E+00     4.91E-02      4.00E+00  3.44E+02  7.06E+01
4.14E+00     4.91E-02      4.00E+00  3.44E+02  7.08E+01
4.43E+00     4.91E-02      4.00E+00  3.44E+02  7.10E+01
4.71E+00     4.91E-02      4.00E+00  3.44E+02  7.13E+01
5.00E+00     4.91E-02      4.00E+00  3.45E+02  7.15E+01
5.29E+00     4.91E-02      4.00E+00  3.45E+02  7.17E+01
5.57E+00     4.91E-02      4.00E+00  3.45E+02  7.19E+01
5.86E+00     4.91E-02      4.00E+00  3.45E+02  7.21E+01
6.14E+00     4.91E-02      4.00E+00  3.45E+02  7.23E+01
6.43E+00     4.91E-02      4.00E+00  3.46E+02  7.25E+01
6.71E+00     4.91E-02      4.00E+00  3.46E+02  7.27E+01
7.00E+00     4.91E-02      4.00E+00  3.46E+02  7.29E+01
7.29E+00     4.91E-02      4.00E+00  3.46E+02  7.31E+01
7.57E+00     4.91E-02      4.00E+00  3.46E+02  7.33E+01
7.86E+00     4.91E-02      4.00E+00  3.47E+02  7.35E+01
8.14E+00     4.91E-02      4.00E+00  3.47E+02  7.36E+01
8.43E+00     4.91E-02      4.00E+00  3.47E+02  7.38E+01
8.71E+00     4.91E-02      4.00E+00  3.47E+02  7.40E+01
9.00E+00     4.91E-02      4.00E+00  3.47E+02  7.42E+01
9.29E+00     4.91E-02      4.00E+00  3.47E+02  7.43E+01

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9.57E+00	4.91E-02	4.00E+00	3.48E+02	7.45E+01
9.86E+00	4.91E-02	4.00E+00	3.48E+02	7.47E+01
1.01E+01	4.91E-02	4.00E+00	3.48E+02	7.48E+01
1.04E+01	4.91E-02	4.00E+00	3.48E+02	7.50E+01
1.07E+01	4.91E-02	4.00E+00	3.48E+02	7.52E+01
1.10E+01	4.91E-02	4.00E+00	3.48E+02	7.53E+01
1.13E+01	4.91E-02	4.00E+00	3.49E+02	7.55E+01
1.16E+01	4.91E-02	4.00E+00	3.49E+02	7.56E+01
1.19E+01	4.91E-02	4.00E+00	3.49E+02	7.58E+01
1.21E+01	4.91E-02	4.00E+00	3.49E+02	7.59E+01
1.24E+01	4.91E-02	4.00E+00	3.49E+02	7.61E+01
1.27E+01	4.91E-02	4.00E+00	3.49E+02	7.62E+01
1.30E+01	4.91E-02	4.00E+00	3.50E+02	7.64E+01
1.33E+01	4.91E-02	4.00E+00	3.50E+02	7.65E+01
1.36E+01	4.91E-02	4.00E+00	3.50E+02	7.67E+01
1.39E+01	4.91E-02	4.00E+00	3.50E+02	7.68E+01
1.41E+01	4.91E-02	4.00E+00	3.50E+02	7.69E+01
1.44E+01	4.91E-02	4.00E+00	3.50E+02	7.71E+01
1.47E+01	4.91E-02	4.00E+00	3.50E+02	7.72E+01
1.50E+01	4.91E-02	4.00E+00	3.51E+02	7.74E+01
1.53E+01	4.91E-02	4.00E+00	3.51E+02	7.75E+01
1.56E+01	4.91E-02	4.00E+00	3.51E+02	7.76E+01
1.59E+01	4.91E-02	4.00E+00	3.51E+02	7.77E+01
1.61E+01	4.91E-02	4.00E+00	3.51E+02	7.79E+01
1.64E+01	4.91E-02	4.00E+00	3.51E+02	7.80E+01
1.67E+01	4.91E-02	4.00E+00	3.51E+02	7.81E+01
1.70E+01	4.91E-02	4.00E+00	3.51E+02	7.83E+01
1.73E+01	4.91E-02	4.00E+00	3.52E+02	7.84E+01
1.76E+01	4.91E-02	4.00E+00	3.52E+02	7.85E+01
1.79E+01	4.91E-02	4.00E+00	3.52E+02	7.86E+01
1.81E+01	4.91E-02	4.00E+00	3.52E+02	7.88E+01
1.84E+01	4.91E-02	4.00E+00	3.52E+02	7.89E+01
1.87E+01	4.91E-02	4.00E+00	3.52E+02	7.90E+01
1.90E+01	4.91E-02	4.00E+00	3.52E+02	7.91E+01
1.93E+01	4.91E-02	4.00E+00	3.52E+02	7.92E+01
1.96E+01	4.91E-02	4.00E+00	3.52E+02	7.93E+01
1.99E+01	4.91E-02	4.00E+00	3.53E+02	7.95E+01
2.01E+01	4.91E-02	4.00E+00	3.53E+02	7.96E+01
2.04E+01	4.91E-02	4.00E+00	3.53E+02	7.97E+01
2.07E+01	4.91E-02	4.00E+00	3.53E+02	7.98E+01
2.10E+01	4.91E-02	4.00E+00	3.53E+02	7.99E+01
2.13E+01	4.91E-02	4.00E+00	3.53E+02	8.00E+01
2.16E+01	4.91E-02	4.00E+00	3.53E+02	8.01E+01
2.19E+01	4.91E-02	4.00E+00	3.53E+02	8.02E+01
2.21E+01	4.91E-02	4.00E+00	3.53E+02	8.03E+01
2.24E+01	4.91E-02	4.00E+00	3.54E+02	8.05E+01

2.27E+01	4.91E-02	4.00E+00	3.54E+02	8.06E+01
2.30E+01	4.91E-02	4.00E+00	3.54E+02	8.07E+01
2.33E+01	4.91E-02	4.00E+00	3.54E+02	8.08E+01
2.36E+01	4.91E-02	4.00E+00	3.54E+02	8.09E+01
2.39E+01	4.91E-02	4.00E+00	3.54E+02	8.10E+01
2.41E+01	4.91E-02	4.00E+00	3.54E+02	8.11E+01
2.44E+01	4.91E-02	4.00E+00	3.54E+02	8.12E+01
2.47E+01	4.91E-02	4.00E+00	3.54E+02	8.13E+01
2.50E+01	4.91E-02	4.00E+00	3.55E+02	8.14E+01
2.53E+01	4.91E-02	4.00E+00	3.55E+02	8.15E+01
2.56E+01	4.91E-02	4.00E+00	3.55E+02	8.16E+01
2.59E+01	4.91E-02	4.00E+00	3.55E+02	8.17E+01
2.61E+01	4.91E-02	4.00E+00	3.55E+02	8.18E+01
2.64E+01	4.91E-02	4.00E+00	3.55E+02	8.19E+01
2.67E+01	4.91E-02	4.00E+00	3.55E+02	8.20E+01
2.70E+01	4.91E-02	4.00E+00	3.55E+02	8.21E+01
2.73E+01	4.91E-02	4.00E+00	3.55E+02	8.22E+01
2.76E+01	4.91E-02	4.00E+00	3.55E+02	8.23E+01
2.79E+01	4.91E-02	4.00E+00	3.55E+02	8.23E+01
2.81E+01	4.91E-02	4.00E+00	3.56E+02	8.24E+01
2.84E+01	4.91E-02	4.00E+00	3.56E+02	8.25E+01
2.87E+01	4.91E-02	4.00E+00	3.56E+02	8.26E+01
2.90E+01	4.91E-02	4.00E+00	3.56E+02	8.27E+01
2.93E+01	4.91E-02	4.00E+00	3.56E+02	8.28E+01
2.96E+01	4.91E-02	4.00E+00	3.56E+02	8.29E+01
2.99E+01	4.91E-02	4.00E+00	3.56E+02	8.30E+01
3.01E+01	4.91E-02	4.00E+00	3.56E+02	8.31E+01
3.04E+01	4.91E-02	4.00E+00	3.56E+02	8.32E+01
3.07E+01	4.91E-02	4.00E+00	3.56E+02	8.33E+01
3.10E+01	4.91E-02	4.00E+00	3.56E+02	8.33E+01
3.13E+01	4.91E-02	4.00E+00	3.57E+02	8.34E+01
3.16E+01	4.91E-02	4.00E+00	3.57E+02	8.35E+01
3.19E+01	4.91E-02	4.00E+00	3.57E+02	8.36E+01
3.21E+01	4.91E-02	4.00E+00	3.57E+02	8.37E+01
3.24E+01	4.91E-02	4.00E+00	3.57E+02	8.38E+01
3.27E+01	4.91E-02	4.00E+00	3.57E+02	8.39E+01
3.30E+01	4.91E-02	4.00E+00	3.57E+02	8.40E+01
3.33E+01	4.91E-02	4.00E+00	3.57E+02	8.40E+01
3.36E+01	4.91E-02	4.00E+00	3.57E+02	8.41E+01
3.39E+01	4.91E-02	4.00E+00	3.57E+02	8.42E+01
3.41E+01	4.91E-02	4.00E+00	3.57E+02	8.43E+01
3.44E+01	4.91E-02	4.00E+00	3.58E+02	8.44E+01
3.47E+01	4.91E-02	4.00E+00	3.58E+02	8.45E+01
3.50E+01	4.91E-02	4.00E+00	3.58E+02	8.45E+01
3.53E+01	4.91E-02	4.00E+00	3.58E+02	8.46E+01
3.56E+01	4.91E-02	4.00E+00	3.58E+02	8.47E+01

3.59E+01	4.91E-02	4.00E+00	3.58E+02	8.48E+01
3.61E+01	4.91E-02	4.00E+00	3.58E+02	8.49E+01
3.64E+01	4.91E-02	4.00E+00	3.58E+02	8.49E+01
3.67E+01	4.91E-02	4.00E+00	3.58E+02	8.50E+01
3.70E+01	4.91E-02	4.00E+00	3.58E+02	8.51E+01
3.73E+01	4.91E-02	4.00E+00	3.58E+02	8.52E+01
3.76E+01	4.91E-02	4.00E+00	3.58E+02	8.53E+01
3.79E+01	4.91E-02	4.00E+00	3.58E+02	8.53E+01
3.81E+01	4.91E-02	4.00E+00	3.59E+02	8.54E+01
3.84E+01	4.91E-02	4.00E+00	3.59E+02	8.55E+01
3.87E+01	4.91E-02	4.00E+00	3.59E+02	8.56E+01
3.90E+01	4.91E-02	4.00E+00	3.59E+02	8.56E+01
3.93E+01	4.91E-02	4.00E+00	3.59E+02	8.57E+01
3.96E+01	4.91E-02	4.00E+00	3.59E+02	8.58E+01
3.99E+01	4.91E-02	4.00E+00	3.59E+02	8.59E+01
4.01E+01	4.91E-02	4.00E+00	3.59E+02	8.59E+01
4.04E+01	4.91E-02	4.00E+00	3.59E+02	8.60E+01
4.08E+01	4.91E-02	4.00E+00	3.59E+02	8.61E+01
4.11E+01	4.91E-02	4.00E+00	3.59E+02	8.62E+01
4.14E+01	4.91E-02	4.00E+00	3.59E+02	8.63E+01
4.18E+01	4.91E-02	4.00E+00	3.60E+02	8.64E+01
4.22E+01	4.91E-02	4.00E+00	3.60E+02	8.65E+01
4.26E+01	4.91E-02	4.00E+00	3.60E+02	8.66E+01
4.30E+01	4.91E-02	4.00E+00	3.60E+02	8.67E+01
4.34E+01	4.91E-02	4.00E+00	3.60E+02	8.68E+01
4.38E+01	4.91E-02	4.00E+00	3.60E+02	8.69E+01
4.43E+01	4.91E-02	4.00E+00	3.60E+02	8.70E+01
4.47E+01	4.91E-02	4.00E+00	3.60E+02	8.71E+01
4.52E+01	4.91E-02	4.00E+00	3.60E+02	8.72E+01
4.57E+01	4.91E-02	4.00E+00	3.61E+02	8.74E+01
4.62E+01	4.91E-02	4.00E+00	3.61E+02	8.75E+01
4.67E+01	4.91E-02	4.00E+00	3.61E+02	8.76E+01
4.72E+01	4.91E-02	4.00E+00	3.61E+02	8.77E+01
4.77E+01	4.91E-02	4.00E+00	3.61E+02	8.78E+01
4.83E+01	4.91E-02	4.00E+00	3.61E+02	8.80E+01
4.88E+01	4.91E-02	4.00E+00	3.61E+02	8.81E+01
4.94E+01	4.91E-02	4.00E+00	3.61E+02	8.82E+01
4.99E+01	4.91E-02	4.00E+00	3.61E+02	8.83E+01
5.05E+01	4.91E-02	4.00E+00	3.62E+02	8.85E+01
5.11E+01	4.91E-02	4.00E+00	3.62E+02	8.86E+01
5.17E+01	4.91E-02	4.00E+00	3.62E+02	8.87E+01
5.22E+01	4.91E-02	4.00E+00	3.62E+02	8.89E+01
5.28E+01	4.91E-02	4.00E+00	3.62E+02	8.90E+01
5.35E+01	4.91E-02	4.00E+00	3.62E+02	8.91E+01
5.41E+01	4.91E-02	4.00E+00	3.62E+02	8.93E+01
5.47E+01	4.91E-02	4.00E+00	3.63E+02	8.94E+01

5.53E+01	4.91E-02	4.00E+00	3.63E+02	8.95E+01
5.59E+01	4.91E-02	4.00E+00	3.63E+02	8.97E+01
5.66E+01	4.91E-02	4.00E+00	3.63E+02	8.98E+01
5.72E+01	4.91E-02	4.00E+00	3.63E+02	9.00E+01
5.79E+01	4.91E-02	4.00E+00	3.63E+02	9.01E+01
5.85E+01	4.91E-02	4.00E+00	3.63E+02	9.02E+01
5.92E+01	4.91E-02	4.00E+00	3.64E+02	9.04E+01
5.98E+01	4.91E-02	4.00E+00	3.64E+02	9.05E+01
6.05E+01	4.91E-02	4.00E+00	3.64E+02	9.06E+01
6.11E+01	4.91E-02	4.00E+00	3.64E+02	9.08E+01
6.18E+01	4.91E-02	4.00E+00	3.64E+02	9.09E+01
6.25E+01	4.91E-02	4.00E+00	3.64E+02	9.10E+01
6.31E+01	4.91E-02	4.00E+00	3.64E+02	9.12E+01
6.38E+01	4.91E-02	4.00E+00	3.64E+02	9.13E+01
6.44E+01	4.91E-02	4.00E+00	3.65E+02	9.14E+01
6.51E+01	4.91E-02	4.00E+00	3.65E+02	9.15E+01
6.58E+01	4.91E-02	4.00E+00	3.65E+02	9.17E+01
6.64E+01	4.91E-02	4.00E+00	3.65E+02	9.18E+01
6.71E+01	4.91E-02	4.00E+00	3.65E+02	9.19E+01
6.78E+01	4.91E-02	4.00E+00	3.65E+02	9.21E+01
6.84E+01	4.91E-02	4.00E+00	3.65E+02	9.22E+01
6.91E+01	4.91E-02	4.00E+00	3.65E+02	9.23E+01
6.98E+01	4.91E-02	4.00E+00	3.66E+02	9.24E+01
7.04E+01	4.91E-02	4.00E+00	3.66E+02	9.25E+01
7.11E+01	4.91E-02	4.00E+00	3.66E+02	9.27E+01
7.17E+01	4.91E-02	4.00E+00	3.66E+02	9.28E+01
7.24E+01	4.91E-02	4.00E+00	3.66E+02	9.29E+01
7.30E+01	4.91E-02	4.00E+00	3.66E+02	9.30E+01
7.36E+01	4.91E-02	4.00E+00	3.66E+02	9.31E+01
7.43E+01	4.91E-02	4.00E+00	3.66E+02	9.32E+01
7.49E+01	4.91E-02	4.00E+00	3.66E+02	9.33E+01
7.55E+01	4.91E-02	4.00E+00	3.67E+02	9.35E+01
7.62E+01	4.91E-02	4.00E+00	3.67E+02	9.36E+01
7.68E+01	4.91E-02	4.00E+00	3.67E+02	9.37E+01
7.74E+01	4.91E-02	4.00E+00	3.67E+02	9.38E+01
7.80E+01	4.91E-02	4.00E+00	3.67E+02	9.39E+01
7.86E+01	4.91E-02	4.00E+00	3.67E+02	9.40E+01
7.91E+01	4.91E-02	4.00E+00	3.67E+02	9.41E+01
7.97E+01	4.91E-02	4.00E+00	3.67E+02	9.42E+01
8.06E+01	4.91E-02	4.00E+00	3.67E+02	9.43E+01
8.24E+01	4.91E-02	4.00E+00	3.68E+02	9.46E+01
8.54E+01	4.91E-02	4.00E+00	3.68E+02	9.51E+01
8.92E+01	4.91E-02	4.00E+00	3.69E+02	9.57E+01
9.37E+01	4.91E-02	4.00E+00	3.69E+02	9.63E+01
9.86E+01	4.91E-02	4.00E+00	3.70E+02	9.71E+01
1.04E+02	4.91E-02	4.00E+00	3.71E+02	9.78E+01

1.09E+02	4.91E-02	4.00E+00	3.72E+02	9.84E+01
1.14E+02	4.91E-02	4.00E+00	3.72E+02	9.90E+01
1.18E+02	4.91E-02	4.00E+00	3.73E+02	9.95E+01
1.22E+02	4.91E-02	4.00E+00	3.73E+02	1.00E+02
1.26E+02	4.91E-02	4.00E+00	3.74E+02	1.00E+02
1.30E+02	4.91E-02	4.00E+00	3.74E+02	1.01E+02
1.34E+02	4.91E-02	4.00E+00	3.74E+02	1.01E+02
1.38E+02	4.91E-02	4.00E+00	3.75E+02	1.02E+02
1.42E+02	4.91E-02	4.00E+00	3.75E+02	1.02E+02
1.46E+02	4.91E-02	4.00E+00	3.76E+02	1.02E+02
1.50E+02	4.91E-02	4.00E+00	3.76E+02	1.03E+02
1.54E+02	4.91E-02	4.00E+00	3.76E+02	1.03E+02
1.58E+02	4.91E-02	4.00E+00	3.77E+02	1.03E+02
1.62E+02	4.91E-02	4.00E+00	3.77E+02	1.04E+02
1.66E+02	4.91E-02	4.00E+00	3.77E+02	1.04E+02
1.70E+02	4.91E-02	4.00E+00	3.78E+02	1.04E+02
1.74E+02	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.78E+02	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.81E+02	4.91E-02	4.00E+00	3.78E+02	1.05E+02
1.85E+02	4.91E-02	4.00E+00	3.79E+02	1.05E+02
1.89E+02	4.91E-02	4.00E+00	3.79E+02	1.06E+02
1.93E+02	4.91E-02	4.00E+00	3.79E+02	1.06E+02
1.97E+02	4.91E-02	4.00E+00	3.79E+02	1.06E+02