

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

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Probabilistic Total Dose Summary

Nuclide (j)	Peak Time	Peak Dose	DOSE(j,t), mrem/yr								
			t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03	
Co-58											
Min	0.00E+00	6.66E-01	6.66E-01	8.07E-03	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	8.07E-01	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	7.88E-01	7.88E-01	2.20E-02	1.72E-05	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	1.19E-02	1.19E-02	6.06E-04	8.08E-07	3.04E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL											
Min	0.00E+00	6.66E-01	6.66E-01	8.07E-03	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	8.07E-01	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	7.88E-01	7.88E-01	2.20E-02	1.72E-05	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	1.19E-02	1.19E-02	6.06E-04	8.08E-07	3.04E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total dose summed for all nuclides.

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Probabilistic Risk Summary

Nuclide	RISK(j,t)								
	(j)	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
<hr/>									
Co-58									
Min		6.50E-05	8.39E-07	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		6.89E-05	1.93E-06	1.51E-09	2.04E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		6.66E-05	1.86E-06	1.45E-09	1.90E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.43E-06	5.47E-08	6.97E-11	2.56E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
TOTAL									
Min		6.50E-05	8.39E-07	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		6.89E-05	1.93E-06	1.51E-09	2.04E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		6.66E-05	1.86E-06	1.45E-09	1.90E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.43E-06	5.47E-08	6.97E-11	2.56E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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TOTAL is total risk summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Dose vs Pathway(i): Ground External

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	6.28E-01	7.59E-03	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.63E-01	2.14E-02	1.67E-05	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	7.62E-01	2.13E-02	1.66E-05	2.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.42E-03	5.01E-04	7.41E-07	2.92E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	6.28E-01	7.59E-03	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.63E-01	2.14E-02	1.67E-05	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	7.62E-01	2.13E-02	1.66E-05	2.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.42E-03	5.01E-04	7.41E-07	2.92E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Dose vs Pathway(i): Inhalation (w/o Radon)

Nuclide	DOSE(i,j,t), mrem/yr							
	(j) t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	1.13E-10	3.16E-12	2.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	2.50E-07	7.00E-09	5.49E-12	7.39E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	4.03E-08	1.13E-09	8.77E-13	1.15E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	2.45E-08	6.85E-10	5.36E-13	7.23E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	1.13E-10	3.16E-12	2.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	2.50E-07	7.00E-09	5.49E-12	7.39E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	4.03E-08	1.13E-09	8.77E-13	1.15E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	2.45E-08	6.85E-10	5.36E-13	7.23E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Dose vs Pathway(i): Radon (Water Ind.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Plant (Water Ind.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	4.71E-03	1.24E-04	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.90E-02	5.31E-04	4.16E-07	5.60E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.07E-02	2.97E-04	2.30E-07	3.00E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	5.15E-03	1.44E-04	1.14E-07	1.56E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	4.71E-03	1.24E-04	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.90E-02	5.31E-04	4.16E-07	5.60E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.07E-02	2.97E-04	2.30E-07	3.00E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	5.15E-03	1.44E-04	1.14E-07	1.56E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Probabilistic Dose vs Pathway(i): Meat (Water Ind.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	6.36E-03	1.63E-04	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.77E-02	4.94E-04	3.87E-07	5.21E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.11E-02	3.09E-04	2.40E-07	3.13E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.08E-03	1.14E-04	9.01E-08	1.27E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	6.36E-03	1.63E-04	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.77E-02	4.94E-04	3.87E-07	5.21E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.11E-02	3.09E-04	2.40E-07	3.13E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.08E-03	1.14E-04	9.01E-08	1.27E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Probabilistic Dose vs Pathway(i): Milk (Water Ind.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	2.18E-03	5.67E-05	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.25E-03	2.03E-04	1.59E-07	2.14E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	4.31E-03	1.20E-04	9.29E-08	1.21E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	1.83E-03	5.13E-05	4.04E-08	5.61E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	2.18E-03	5.67E-05	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.25E-03	2.03E-04	1.59E-07	2.14E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	4.31E-03	1.20E-04	9.29E-08	1.21E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	1.83E-03	5.13E-05	4.04E-08	5.61E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Soil Ingestion

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	1.14E-05	1.38E-07	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.39E-05	3.89E-07	3.05E-10	4.10E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.39E-05	3.87E-07	3.02E-10	3.96E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	8.06E-08	9.13E-09	1.35E-11	5.45E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TOTAL								
Min	1.14E-05	1.38E-07	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.39E-05	3.89E-07	3.05E-10	4.10E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.39E-05	3.87E-07	3.02E-10	3.96E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	8.06E-08	9.13E-09	1.35E-11	5.45E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Water Ingestion

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.17E-07	5.17E-08	2.36E-09	1.41E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.58E-10	1.44E-10	2.82E-12	2.56E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	3.31E-09	2.14E-09	6.47E-11	4.07E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.17E-07	5.17E-08	2.36E-09	1.41E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	1.58E-10	1.44E-10	2.82E-12	2.56E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	3.31E-09	2.14E-09	6.47E-11	4.07E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Fish Ingestion

Nuclide	DOSE(i,j,t), mrem/yr							
	(j) t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TOTAL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Radon (Water Dep.)

Nuclide	DOSE(i,j,t), mrem/yr							
	(j) t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TOTAL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Probabilistic Dose vs Pathway(i): Plant (Water Dep.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.45E-09	4.05E-09	1.57E-10	9.50E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	9.89E-12	1.12E-11	2.36E-13	2.14E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	2.08E-10	1.67E-10	4.87E-12	3.13E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	7.45E-09	4.05E-09	1.57E-10	9.50E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	9.89E-12	1.12E-11	2.36E-13	2.14E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	2.08E-10	1.67E-10	4.87E-12	3.13E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Probabilistic Dose vs Pathway(i): Meat (Water Dep.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	4.78E-08	2.76E-08	1.46E-09	9.23E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	6.10E-11	6.90E-11	1.77E-12	1.63E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	1.33E-09	1.06E-09	4.05E-11	2.66E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	4.78E-08	2.76E-08	1.46E-09	9.23E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	6.10E-11	6.90E-11	1.77E-12	1.63E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	1.33E-09	1.06E-09	4.05E-11	2.66E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Probabilistic Dose vs Pathway(i): Milk (Water Dep.)

Nuclide	DOSE(i,j,t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Co-58								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.70E-08	8.75E-09	4.65E-10	2.88E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	2.17E-11	2.31E-11	5.64E-13	5.06E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.72E-10	3.48E-10	1.29E-11	8.32E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.70E-08	8.75E-09	4.65E-10	2.88E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	2.17E-11	2.31E-11	5.64E-13	5.06E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	4.72E-10	3.48E-10	1.29E-11	8.32E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Cumulative Probability Summary for: Total Dose Over Pathways

Cumulative Probability	Dose(t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
0.025	7.76E-01	2.12E-02	1.58E-05	1.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.050	7.77E-01	2.17E-02	1.67E-05	1.99E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.075	7.77E-01	2.17E-02	1.69E-05	2.16E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.100	7.77E-01	2.17E-02	1.70E-05	2.22E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.125	7.77E-01	2.17E-02	1.70E-05	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.150	7.78E-01	2.17E-02	1.70E-05	2.27E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.175	7.78E-01	2.18E-02	1.70E-05	2.28E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.200	7.78E-01	2.18E-02	1.70E-05	2.28E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.225	7.79E-01	2.18E-02	1.70E-05	2.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.250	7.79E-01	2.18E-02	1.70E-05	2.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.275	7.79E-01	2.18E-02	1.71E-05	2.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.300	7.80E-01	2.18E-02	1.71E-05	2.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.325	7.80E-01	2.18E-02	1.71E-05	2.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.350	7.81E-01	2.18E-02	1.71E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.375	7.82E-01	2.19E-02	1.71E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.400	7.82E-01	2.19E-02	1.71E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.425	7.83E-01	2.19E-02	1.71E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.450	7.83E-01	2.19E-02	1.71E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.475	7.84E-01	2.19E-02	1.72E-05	2.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.500	7.85E-01	2.19E-02	1.72E-05	2.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.525	7.86E-01	2.20E-02	1.72E-05	2.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.550	7.86E-01	2.20E-02	1.72E-05	2.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.575	7.88E-01	2.20E-02	1.72E-05	2.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.600	7.89E-01	2.21E-02	1.73E-05	2.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.625	7.90E-01	2.21E-02	1.73E-05	2.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.650	7.91E-01	2.21E-02	1.73E-05	2.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.675	7.93E-01	2.22E-02	1.73E-05	2.33E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.700	7.95E-01	2.22E-02	1.74E-05	2.33E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.725	7.97E-01	2.23E-02	1.74E-05	2.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.750	7.99E-01	2.23E-02	1.75E-05	2.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.775	8.01E-01	2.24E-02	1.75E-05	2.35E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.800	8.04E-01	2.24E-02	1.76E-05	2.35E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.825	8.06E-01	2.25E-02	1.76E-05	2.36E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.850	8.07E-01	2.26E-02	1.77E-05	2.37E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.875	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.900	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.925	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.950	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.975	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.000	8.07E-01	2.26E-02	1.77E-05	2.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Summary of dose at graphical times, reptition 1

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	7.29E-01	8.07E-01	7.89E-01	7.85E-01	8.07E-01	8.07E-01	8.07E-01	8.07E-01
1.00E+00	1.52E-02	2.26E-02	2.20E-02	2.19E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
1.06E+00	1.21E-02	1.83E-02	1.79E-02	1.78E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
1.12E+00	9.55E-03	1.47E-02	1.43E-02	1.43E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02
1.19E+00	7.42E-03	1.16E-02	1.13E-02	1.13E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
1.25E+00	5.68E-03	9.10E-03	8.86E-03	8.84E-03	9.10E-03	9.10E-03	9.10E-03	9.10E-03
1.33E+00	4.28E-03	7.01E-03	6.82E-03	6.81E-03	7.01E-03	7.01E-03	7.01E-03	7.01E-03
1.40E+00	3.17E-03	5.32E-03	5.17E-03	5.16E-03	5.31E-03	5.32E-03	5.32E-03	5.32E-03
1.49E+00	2.31E-03	3.97E-03	3.86E-03	3.85E-03	3.97E-03	3.97E-03	3.97E-03	3.97E-03
1.57E+00	1.65E-03	2.91E-03	2.83E-03	2.83E-03	2.91E-03	2.91E-03	2.91E-03	2.91E-03
1.66E+00	1.16E-03	2.10E-03	2.04E-03	2.04E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
1.76E+00	7.96E-04	1.48E-03	1.44E-03	1.44E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
1.86E+00	5.35E-04	1.03E-03	9.99E-04	9.97E-04	1.03E-03	1.03E-03	1.03E-03	1.03E-03
1.97E+00	3.52E-04	6.97E-04	6.77E-04	6.76E-04	6.97E-04	6.97E-04	6.97E-04	6.97E-04
2.09E+00	2.25E-04	4.62E-04	4.49E-04	4.48E-04	4.62E-04	4.62E-04	4.62E-04	4.62E-04
2.21E+00	1.41E-04	2.99E-04	2.91E-04	2.90E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
2.24E+00	8.55E-05	1.89E-04	1.83E-04	1.83E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
2.27E+00	5.04E-05	1.16E-04	1.13E-04	1.13E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04
2.26E+00	2.89E-05	6.93E-05	6.72E-05	6.72E-05	6.92E-05	6.93E-05	6.93E-05	6.93E-05
2.27E+00	1.60E-05	4.01E-05	3.89E-05	3.90E-05	4.01E-05	4.01E-05	4.01E-05	4.01E-05
2.29E+00	8.56E-06	2.25E-05	2.19E-05	2.19E-05	2.25E-05	2.25E-05	2.25E-05	2.25E-05
3.00E+00	6.59E-06	1.77E-05	1.72E-05	1.72E-05	1.77E-05	1.77E-05	1.77E-05	1.77E-05
3.10E+00	4.42E-06	1.22E-05	1.19E-05	1.19E-05	1.22E-05	1.22E-05	1.22E-05	1.22E-05
3.28E+00	2.19E-06	6.41E-06	6.21E-06	6.22E-06	6.41E-06	6.41E-06	6.41E-06	6.41E-06
3.48E+00	1.05E-06	3.23E-06	3.13E-06	3.14E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06
3.68E+00	4.78E-07	1.57E-06	1.52E-06	1.52E-06	1.57E-06	1.57E-06	1.57E-06	1.57E-06
3.89E+00	2.08E-07	7.29E-07	7.05E-07	7.07E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
4.12E+00	8.67E-08	3.24E-07	3.13E-07	3.14E-07	3.24E-07	3.24E-07	3.24E-07	3.24E-07
4.36E+00	3.42E-08	1.37E-07	1.33E-07	1.33E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
4.61E+00	1.28E-08	5.54E-08	5.35E-08	5.37E-08	5.54E-08	5.54E-08	5.54E-08	5.54E-08
4.88E+00	4.52E-09	2.12E-08	2.05E-08	2.06E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08
5.17E+00	1.50E-09	7.67E-09	7.39E-09	7.44E-09	7.67E-09	7.67E-09	7.67E-09	7.67E-09
5.47E+00	4.01E-10	2.62E-09	2.52E-09	2.53E-09	2.62E-09	2.62E-09	2.62E-09	2.62E-09
5.78E+00	3.33E-14	8.38E-10	8.04E-10	8.12E-10	8.37E-10	8.37E-10	8.38E-10	8.38E-10
6.12E+00	6.24E-15	2.51E-10	2.41E-10	2.43E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10
6.48E+00	0.00E+00	7.01E-11	6.71E-11	6.79E-11	7.00E-11	7.01E-11	7.01E-11	7.01E-11
6.86E+00	0.00E+00	1.82E-11	1.74E-11	1.76E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11
7.26E+00	0.00E+00	4.36E-12	4.16E-12	4.22E-12	4.36E-12	4.36E-12	4.36E-12	4.36E-12
7.68E+00	0.00E+00	9.62E-13	9.17E-13	9.31E-13	9.61E-13	9.62E-13	9.62E-13	9.62E-13
8.13E+00	0.00E+00	1.94E-13	1.85E-13	1.88E-13	1.94E-13	1.94E-13	1.94E-13	1.94E-13
8.60E+00	0.00E+00	3.58E-14	3.39E-14	3.46E-14	3.57E-14	3.58E-14	3.58E-14	3.58E-14
9.10E+00	0.00E+00	5.96E-15	5.65E-15	5.77E-15	5.96E-15	5.96E-15	5.96E-15	5.96E-15
9.63E+00	0.00E+00	8.96E-16	8.48E-16	8.67E-16	8.95E-16	8.96E-16	8.96E-16	8.96E-16
1.00E+01	0.00E+00	2.38E-16	2.25E-16	2.31E-16	2.38E-16	2.38E-16	2.38E-16	2.38E-16
1.02E+01	0.00E+00	1.21E-16	1.14E-16	1.17E-16	1.20E-16	1.21E-16	1.21E-16	1.21E-16
1.08E+01	0.00E+00	1.44E-17	1.36E-17	1.40E-17	1.44E-17	1.44E-17	1.44E-17	1.44E-17
1.14E+01	0.00E+00	1.53E-18	1.44E-18	1.48E-18	1.52E-18	1.53E-18	1.53E-18	1.53E-18
1.21E+01	0.00E+00	1.42E-19	1.33E-19	1.37E-19	1.41E-19	1.42E-19	1.42E-19	1.42E-19
1.28E+01	0.00E+00	1.14E-20	1.07E-20	1.11E-20	1.14E-20	1.14E-20	1.14E-20	1.14E-20
1.35E+01	0.00E+00	7.98E-22	7.48E-22	7.72E-22	7.97E-22	7.98E-22	7.98E-22	7.98E-22
1.43E+01	0.00E+00	4.77E-23	4.46E-23	4.61E-23	4.76E-23	4.77E-23	4.77E-23	4.77E-23
1.51E+01	0.00E+00	2.42E-24	2.26E-24	2.34E-24	2.41E-24	2.42E-24	2.42E-24	2.42E-24
1.60E+01	0.00E+00	1.03E-25	9.60E-26	9.97E-26	1.03E-25	1.03E-25	1.03E-25	1.03E-25
1.70E+01	0.00E+00	3.66E-27	3.40E-27	3.54E-27	3.65E-27	3.66E-27	3.66E-27	3.66E-27
1.80E+01	0.00E+00	1.06E-28	9.79E-29	1.02E-28	1.06E-28	1.06E-28	1.06E-28	1.06E-28
1.90E+01	0.00E+00	2.40E-30	2.27E-30	2.40E-30	2.40E-30	2.40E-30	2.40E-30	2.40E-30

2.01E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.13E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.25E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.38E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.52E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.67E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.16E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.35E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.54E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.75E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.20E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.44E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.70E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.26E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.57E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.90E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.24E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.0E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.39E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.28E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.76E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.27E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.81E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.10E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.16E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.23E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.30E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.38E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.46E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.54E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.63E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.83E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.94E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.17E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Summary of dose at graphical times, reptition 2

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	6.66E-01	8.07E-01	7.88E-01	7.85E-01	8.07E-01	8.07E-01	8.07E-01	8.07E-01
1.00E+00	8.07E-03	2.26E-02	2.20E-02	2.19E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
1.06E+00	6.24E-03	1.83E-02	1.78E-02	1.78E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
1.12E+00	4.75E-03	1.47E-02	1.43E-02	1.43E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02
1.19E+00	3.56E-03	1.16E-02	1.13E-02	1.13E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
1.25E+00	2.63E-03	9.10E-03	8.85E-03	8.84E-03	9.10E-03	9.10E-03	9.10E-03	9.10E-03
1.33E+00	1.90E-03	7.01E-03	6.81E-03	6.81E-03	7.01E-03	7.01E-03	7.01E-03	7.01E-03
1.40E+00	1.35E-03	5.32E-03	5.17E-03	5.16E-03	5.31E-03	5.32E-03	5.32E-03	5.32E-03
1.49E+00	9.42E-04	3.97E-03	3.86E-03	3.85E-03	3.97E-03	3.97E-03	3.97E-03	3.97E-03
1.57E+00	6.43E-04	2.91E-03	2.83E-03	2.83E-03	2.91E-03	2.91E-03	2.91E-03	2.91E-03
1.66E+00	4.29E-04	2.10E-03	2.04E-03	2.04E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
1.76E+00	2.79E-04	1.48E-03	1.44E-03	1.44E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
1.86E+00	1.78E-04	1.03E-03	9.97E-04	9.98E-04	1.03E-03	1.03E-03	1.03E-03	1.03E-03
1.97E+00	1.10E-04	6.97E-04	6.76E-04	6.77E-04	6.97E-04	6.97E-04	6.97E-04	6.97E-04
2.09E+00	6.62E-05	4.62E-04	4.48E-04	4.49E-04	4.62E-04	4.62E-04	4.62E-04	4.62E-04
2.21E+00	3.87E-05	2.99E-04	2.90E-04	2.90E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
2.24E+00	2.19E-05	1.89E-04	1.83E-04	1.83E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
2.27E+00	1.20E-05	1.16E-04	1.12E-04	1.13E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04
2.62E+00	6.36E-06	6.93E-05	6.71E-05	6.72E-05	6.92E-05	6.93E-05	6.93E-05	6.93E-05
2.77E+00	3.24E-06	4.01E-05	3.89E-05	3.90E-05	4.01E-05	4.01E-05	4.01E-05	4.01E-05
2.93E+00	1.59E-06	2.25E-05	2.18E-05	2.19E-05	2.25E-05	2.25E-05	2.25E-05	2.25E-05
3.00E+00	1.18E-06	1.77E-05	1.71E-05	1.72E-05	1.77E-05	1.77E-05	1.77E-05	1.77E-05
3.10E+00	7.48E-07	1.22E-05	1.18E-05	1.19E-05	1.22E-05	1.22E-05	1.22E-05	1.22E-05
3.28E+00	3.36E-07	6.41E-06	6.20E-06	6.22E-06	6.41E-06	6.41E-06	6.41E-06	6.41E-06
3.48E+00	1.45E-07	3.23E-06	3.13E-06	3.14E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06
3.68E+00	5.91E-08	1.57E-06	1.52E-06	1.52E-06	1.57E-06	1.57E-06	1.57E-06	1.57E-06
3.89E+00	2.30E-08	7.29E-07	7.04E-07	7.07E-07	7.28E-07	7.29E-07	7.29E-07	7.29E-07
4.12E+00	8.44E-09	3.24E-07	3.13E-07	3.14E-07	3.24E-07	3.24E-07	3.24E-07	3.24E-07
4.36E+00	2.93E-09	1.37E-07	1.32E-07	1.33E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
4.61E+00	9.53E-10	5.54E-08	5.34E-08	5.37E-08	5.54E-08	5.54E-08	5.54E-08	5.54E-08
4.88E+00	2.91E-10	2.12E-08	2.04E-08	2.06E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08
5.17E+00	8.29E-11	7.67E-09	7.37E-09	7.44E-09	7.66E-09	7.67E-09	7.67E-09	7.67E-09
5.47E+00	4.20E-15	2.62E-09	2.51E-09	2.54E-09	2.61E-09	2.62E-09	2.62E-09	2.62E-09
5.78E+00	0.00E+00	8.38E-10	8.02E-10	8.12E-10	8.37E-10	8.37E-10	8.38E-10	8.38E-10
6.12E+00	0.00E+00	2.51E-10	2.40E-10	2.43E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10
6.48E+00	0.00E+00	7.01E-11	6.70E-11	6.79E-11	7.00E-11	7.01E-11	7.01E-11	7.01E-11
6.86E+00	0.00E+00	1.82E-11	1.74E-11	1.76E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11
7.26E+00	0.00E+00	4.36E-12	4.15E-12	4.22E-12	4.35E-12	4.36E-12	4.36E-12	4.36E-12
7.68E+00	0.00E+00	9.62E-13	9.14E-13	9.32E-13	9.60E-13	9.62E-13	9.62E-13	9.62E-13
8.13E+00	0.00E+00	1.94E-13	1.84E-13	1.88E-13	1.94E-13	1.94E-13	1.94E-13	1.94E-13
8.60E+00	0.00E+00	3.58E-14	3.39E-14	3.46E-14	3.57E-14	3.58E-14	3.58E-14	3.58E-14
9.10E+00	0.00E+00	5.96E-15	5.65E-15	5.78E-15	5.95E-15	5.96E-15	5.96E-15	5.96E-15
9.63E+00	0.00E+00	8.96E-16	8.47E-16	8.68E-16	8.94E-16	8.96E-16	8.96E-16	8.96E-16
1.00E+01	0.00E+00	2.38E-16	2.25E-16	2.31E-16	2.38E-16	2.38E-16	2.38E-16	2.38E-16
1.02E+01	0.00E+00	1.21E-16	1.14E-16	1.17E-16	1.20E-16	1.21E-16	1.21E-16	1.21E-16
1.08E+01	0.00E+00	1.44E-17	1.36E-17	1.40E-17	1.44E-17	1.44E-17	1.44E-17	1.44E-17
1.14E+01	0.00E+00	1.53E-18	1.43E-18	1.48E-18	1.52E-18	1.53E-18	1.53E-18	1.53E-18
1.21E+01	0.00E+00	1.42E-19	1.33E-19	1.37E-19	1.41E-19	1.42E-19	1.42E-19	1.42E-19
1.28E+01	0.00E+00	1.14E-20	1.07E-20	1.11E-20	1.14E-20	1.14E-20	1.14E-20	1.14E-20
1.35E+01	0.00E+00	7.98E-22	7.47E-22	7.72E-22	7.97E-22	7.98E-22	7.98E-22	7.98E-22
1.43E+01	0.00E+00	4.77E-23	4.45E-23	4.61E-23	4.76E-23	4.77E-23	4.77E-23	4.77E-23
1.51E+01	0.00E+00	2.42E-24	2.25E-24	2.34E-24	2.41E-24	2.42E-24	2.42E-24	2.42E-24
1.60E+01	0.00E+00	1.03E-25	9.59E-26	9.97E-26	1.03E-25	1.03E-25	1.03E-25	1.03E-25
1.70E+01	0.00E+00	3.66E-27	3.39E-27	3.54E-27	3.65E-27	3.66E-27	3.66E-27	3.66E-27
1.80E+01	0.00E+00	1.06E-28	9.77E-29	1.02E-28	1.06E-28	1.06E-28	1.06E-28	1.06E-28
1.90E+01	0.00E+00	2.40E-30	2.26E-30	2.40E-30	2.40E-30	2.40E-30	2.40E-30	2.40E-30

2.01E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.13E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.25E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.38E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.52E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.67E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.16E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.35E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.54E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.75E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.20E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.44E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.70E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.26E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.57E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.90E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.24E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.0E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.39E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.28E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.76E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.27E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.81E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.10E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.16E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.23E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.30E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.38E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.46E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.54E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.63E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.83E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.94E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.17E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Summary of dose at graphical times, reptition 3

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	7.39E-01	8.07E-01	7.89E-01	7.85E-01	8.07E-01	8.07E-01	8.07E-01	8.07E-01
1.00E+00	1.66E-02	2.26E-02	2.20E-02	2.20E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
1.06E+00	1.33E-02	1.83E-02	1.79E-02	1.78E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
1.12E+00	1.05E-02	1.47E-02	1.43E-02	1.43E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02
1.19E+00	8.22E-03	1.16E-02	1.14E-02	1.13E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
1.25E+00	6.32E-03	9.10E-03	8.87E-03	8.84E-03	9.10E-03	9.10E-03	9.10E-03	9.10E-03
1.33E+00	4.79E-03	7.01E-03	6.83E-03	6.81E-03	7.01E-03	7.01E-03	7.01E-03	7.01E-03
1.40E+00	3.57E-03	5.32E-03	5.18E-03	5.17E-03	5.31E-03	5.32E-03	5.32E-03	5.32E-03
1.49E+00	2.62E-03	3.97E-03	3.86E-03	3.85E-03	3.97E-03	3.97E-03	3.97E-03	3.97E-03
1.57E+00	1.89E-03	2.91E-03	2.83E-03	2.83E-03	2.91E-03	2.91E-03	2.91E-03	2.91E-03
1.66E+00	1.33E-03	2.10E-03	2.04E-03	2.04E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
1.76E+00	9.21E-04	1.48E-03	1.44E-03	1.44E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
1.86E+00	6.24E-04	1.03E-03	1.00E-03	9.98E-04	1.03E-03	1.03E-03	1.03E-03	1.03E-03
1.97E+00	4.13E-04	6.97E-04	6.78E-04	6.77E-04	6.97E-04	6.97E-04	6.97E-04	6.97E-04
2.09E+00	2.67E-04	4.62E-04	4.49E-04	4.49E-04	4.62E-04	4.62E-04	4.62E-04	4.62E-04
2.21E+00	1.68E-04	2.99E-04	2.91E-04	2.90E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
2.24E+00	1.03E-04	1.89E-04	1.83E-04	1.83E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
2.27E+00	6.16E-05	1.16E-04	1.13E-04	1.13E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04
2.26E+00	3.56E-05	6.93E-05	6.73E-05	6.72E-05	6.92E-05	6.93E-05	6.93E-05	6.93E-05
2.27E+00	2.00E-05	4.01E-05	3.90E-05	3.90E-05	4.01E-05	4.01E-05	4.01E-05	4.01E-05
2.29E+00	1.08E-05	2.25E-05	2.19E-05	2.19E-05	2.25E-05	2.25E-05	2.25E-05	2.25E-05
3.00E+00	8.37E-06	1.77E-05	1.72E-05	1.72E-05	1.77E-05	1.77E-05	1.77E-05	1.77E-05
3.10E+00	5.65E-06	1.22E-05	1.19E-05	1.19E-05	1.22E-05	1.22E-05	1.22E-05	1.22E-05
3.28E+00	2.85E-06	6.41E-06	6.22E-06	6.22E-06	6.41E-06	6.41E-06	6.41E-06	6.41E-06
3.48E+00	1.38E-06	3.23E-06	3.14E-06	3.14E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06
3.68E+00	6.38E-07	1.57E-06	1.52E-06	1.52E-06	1.57E-06	1.57E-06	1.57E-06	1.57E-06
3.89E+00	2.83E-07	7.29E-07	7.06E-07	7.07E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
4.12E+00	1.20E-07	3.24E-07	3.14E-07	3.14E-07	3.24E-07	3.24E-07	3.24E-07	3.24E-07
4.36E+00	4.81E-08	1.37E-07	1.33E-07	1.33E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
4.61E+00	1.84E-08	5.54E-08	5.36E-08	5.37E-08	5.54E-08	5.54E-08	5.54E-08	5.54E-08
4.88E+00	6.62E-09	2.12E-08	2.05E-08	2.06E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08
5.17E+00	1.39E-09	7.67E-09	7.39E-09	7.43E-09	7.67E-09	7.67E-09	7.67E-09	7.67E-09
5.47E+00	1.55E-13	2.62E-09	2.52E-09	2.53E-09	2.62E-09	2.62E-09	2.62E-09	2.62E-09
5.78E+00	0.00E+00	8.38E-10	8.05E-10	8.11E-10	8.37E-10	8.38E-10	8.38E-10	8.38E-10
6.12E+00	0.00E+00	2.51E-10	2.41E-10	2.43E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10
6.48E+00	0.00E+00	7.01E-11	6.72E-11	6.79E-11	7.01E-11	7.01E-11	7.01E-11	7.01E-11
6.86E+00	0.00E+00	1.82E-11	1.74E-11	1.76E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11
7.26E+00	0.00E+00	4.36E-12	4.17E-12	4.22E-12	4.36E-12	4.36E-12	4.36E-12	4.36E-12
7.68E+00	0.00E+00	9.62E-13	9.18E-13	9.31E-13	9.61E-13	9.62E-13	9.62E-13	9.62E-13
8.13E+00	0.00E+00	1.94E-13	1.85E-13	1.88E-13	1.94E-13	1.94E-13	1.94E-13	1.94E-13
8.60E+00	0.00E+00	3.58E-14	3.40E-14	3.46E-14	3.57E-14	3.58E-14	3.58E-14	3.58E-14
9.10E+00	0.00E+00	5.96E-15	5.67E-15	5.77E-15	5.96E-15	5.96E-15	5.96E-15	5.96E-15
9.63E+00	0.00E+00	8.96E-16	8.50E-16	8.67E-16	8.95E-16	8.96E-16	8.96E-16	8.96E-16
1.00E+01	0.00E+00	2.38E-16	2.26E-16	2.30E-16	2.38E-16	2.38E-16	2.38E-16	2.38E-16
1.02E+01	0.00E+00	1.21E-16	1.14E-16	1.17E-16	1.20E-16	1.21E-16	1.21E-16	1.21E-16
1.08E+01	0.00E+00	1.44E-17	1.36E-17	1.40E-17	1.44E-17	1.44E-17	1.44E-17	1.44E-17
1.14E+01	0.00E+00	1.53E-18	1.44E-18	1.48E-18	1.52E-18	1.53E-18	1.53E-18	1.53E-18
1.21E+01	0.00E+00	1.42E-19	1.33E-19	1.37E-19	1.41E-19	1.42E-19	1.42E-19	1.42E-19
1.28E+01	0.00E+00	1.14E-20	1.08E-20	1.11E-20	1.14E-20	1.14E-20	1.14E-20	1.14E-20
1.35E+01	0.00E+00	7.98E-22	7.49E-22	7.72E-22	7.97E-22	7.98E-22	7.98E-22	7.98E-22
1.43E+01	0.00E+00	4.77E-23	4.47E-23	4.61E-23	4.76E-23	4.77E-23	4.77E-23	4.77E-23
1.51E+01	0.00E+00	2.42E-24	2.26E-24	2.34E-24	2.42E-24	2.42E-24	2.42E-24	2.42E-24
1.60E+01	0.00E+00	1.03E-25	9.62E-26	9.96E-26	1.03E-25	1.03E-25	1.03E-25	1.03E-25
1.70E+01	0.00E+00	3.66E-27	3.40E-27	3.53E-27	3.65E-27	3.66E-27	3.66E-27	3.66E-27
1.80E+01	0.00E+00	1.06E-28	9.81E-29	1.02E-28	1.06E-28	1.06E-28	1.06E-28	1.06E-28
1.90E+01	0.00E+00	2.40E-30	2.27E-30	2.39E-30	2.40E-30	2.40E-30	2.40E-30	2.40E-30

2.01E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.13E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.25E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.38E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.52E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.67E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.16E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.35E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.54E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.75E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.20E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.44E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.70E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.97E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.26E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.57E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.90E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.24E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.0E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.99E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.39E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.82E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.28E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.76E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.27E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.81E+01 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.10E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.16E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.23E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.30E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.38E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.46E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.54E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.63E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.83E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.94E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.17E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Peak of the mean dose (averaged over observations) at graphical times

Repetition	Time of peak mean dose Years	Peak mean dose mrem/yr
1	0.000E+00	7.885E-01
2	0.000E+00	7.883E-01
3	0.000E+00	7.886E-01

Title : RESRAD Default Parameters
 Input File : FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	1	1	1	1

Description of Probabilistic Variable

	Sig Coeff	Sig Coeff	Sig Coeff	Sig Coeff
Contaminated zone erosion rate	3 -0.06	3 -0.02	7 0.05	7 0.01
Contaminated zone b parameter	7 -0.04	7 -0.02	12 0.03	12 0.01
Evapotranspiration coefficient	13 0.02	13 0.01	4 0.15	4 0.03
Wind Speed	6 0.05	6 0.02	14 0.03	14 0.01
Runoff coefficient	10 0.03	10 0.01	3 0.17	3 0.03
Well pump intake depth	9 -0.03	9 -0.01	17 0.01	17 0.00
b Parameter of Unsaturated zone 1	4 -0.05	4 -0.02	11 -0.03	11 -0.01
Mass loading for inhalation	11 0.03	11 0.01	18 0.01	18 0.00
Indoor dust filtration factor	16 0.01	16 0.00	15 0.03	15 0.01
Depth of soil mixing layer	5 0.05	5 0.02	13 0.03	13 0.01
Depth of roots	1 -0.93	1 -0.93	1 -0.98	1 -0.98
Wet weight crop yield of fruit, grain and non-leafy vegetables	18 0.00	18 0.00	10 -0.04	10 -0.01
Weathering removal constant of all vegetation	12 0.03	12 0.01	16 0.02	16 0.00
Wet foliar interception fraction of leafy vegetables	8 -0.04	8 -0.01	8 -0.04	8 -0.01
Humidity in air	15 0.01	15 0.00	9 0.04	9 0.01
Kd of Co-58 in Contaminated Zone	2 0.07	2 0.03	2 0.45	2 0.09
Kd of Co-58 in Unsaturated Zone 1	14 0.02	14 0.01	5 0.09	5 0.02
Kd of Co-58 in Saturated Zone	17 -0.01	17 0.00	6 0.08	6 0.01

R-SQUARE	0.86	0.86	0.97	0.97
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-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : RESRAD Default Parameters

Input File : FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	2	2	2	2

Description of Probabilistic Variable

	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Contaminated zone erosion rate	14	-0.03	14	-0.01	14	-0.03	14	-0.01
Contaminated zone b parameter	3	-0.11	3	-0.06	6	-0.06	6	-0.01
Evapotranspiration coefficient	2	0.12	2	0.07	3	0.16	3	0.04
Wind Speed	13	-0.03	13	-0.02	12	0.03	12	0.01
Runoff coefficient	6	0.05	6	0.03	5	0.08	5	0.02
Well pump intake depth	16	0.01	16	0.01	16	0.02	16	0.00
b Parameter of Unsaturated zone 1	8	-0.04	8	-0.02	15	-0.02	15	0.00
Mass loading for inhalation	9	-0.03	9	-0.02	9	0.04	9	0.01
Indoor dust filtration factor	4	0.08	4	0.05	11	0.04	11	0.01
Depth of soil mixing layer	5	-0.07	5	-0.04	4	-0.10	4	-0.02
Depth of roots	1	-0.82	1	-0.82	1	-0.97	1	-0.96
Wet weight crop yield of fruit, grain and non-leafy vegetables	18	0.00	18	0.00	13	0.03	13	0.01
Weathering removal constant of all vegetation	12	-0.03	11	-0.02	18	-0.01	18	0.00
Wet foliar interception fraction of leafy vegetables	7	0.04	7	0.02	8	0.05	8	0.01
Humidity in air	11	-0.03	12	-0.02	10	-0.04	10	-0.01
Kd of Co-58 in Contaminated Zone	10	0.03	10	0.02	2	0.41	2	0.10
Kd of Co-58 in Unsaturated Zone 1	17	-0.01	17	-0.01	7	0.06	7	0.01
Kd of Co-58 in Saturated Zone	15	0.02	15	0.01	17	0.02	17	0.00

R-SQUARE	0.68	0.68	0.95	0.95
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-Rank is set to zero if the dose is zero or the correlation matrix is singular.

-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : RESRAD Default Parameters

Input File : FCS SOIL UNCERTAINTY ANALYSIS CO-58.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	3	3	3	3

Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Contaminated zone erosion rate	18	0.00	18	0.00	10	0.02	10	0.00
Contaminated zone b parameter	13	-0.02	13	-0.01	12	-0.02	12	0.00
Evapotranspiration coefficient	7	0.06	7	0.02	3	0.13	3	0.02
Wind Speed	4	-0.07	4	-0.03	5	-0.06	5	-0.01
Runoff coefficient	10	-0.03	10	-0.01	18	0.01	18	0.00
Well pump intake depth	6	0.06	6	0.02	11	0.02	11	0.00
b Parameter of Unsaturated zone 1	16	0.01	16	0.00	15	0.02	15	0.00
Mass loading for inhalation	12	-0.02	12	-0.01	7	-0.05	7	-0.01
Indoor dust filtration factor	17	0.00	17	0.00	14	0.02	14	0.00
Depth of soil mixing layer	15	0.01	15	0.00	17	0.01	17	0.00
Depth of roots	1	-0.94	1	-0.93	1	-0.98	1	-0.98
Wet weight crop yield of fruit, grain and non-leafy vegetables	14	0.01	14	0.00	8	-0.03	8	-0.01
Weathering removal constant of all vegetation	3	-0.08	3	-0.03	6	-0.05	6	-0.01
Wet foliar interception fraction of leafy vegetables	8	-0.05	9	-0.02	9	-0.03	9	-0.01
Humidity in air	9	0.05	8	0.02	13	0.02	13	0.00
Kd of Co-58 in Contaminated Zone	2	0.09	2	0.03	2	0.46	2	0.10
Kd of Co-58 in Unsaturated Zone 1	5	-0.06	5	-0.02	16	-0.02	16	0.00
Kd of Co-58 in Saturated Zone	11	0.03	11	0.01	4	0.08	4	0.02
R-SQUARE	0.88		0.88		0.97		0.97	

-Rank is set to zero if the dose is zero or the correlation matrix is singular.

-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.