

Radium Benchmark Dose Assessment

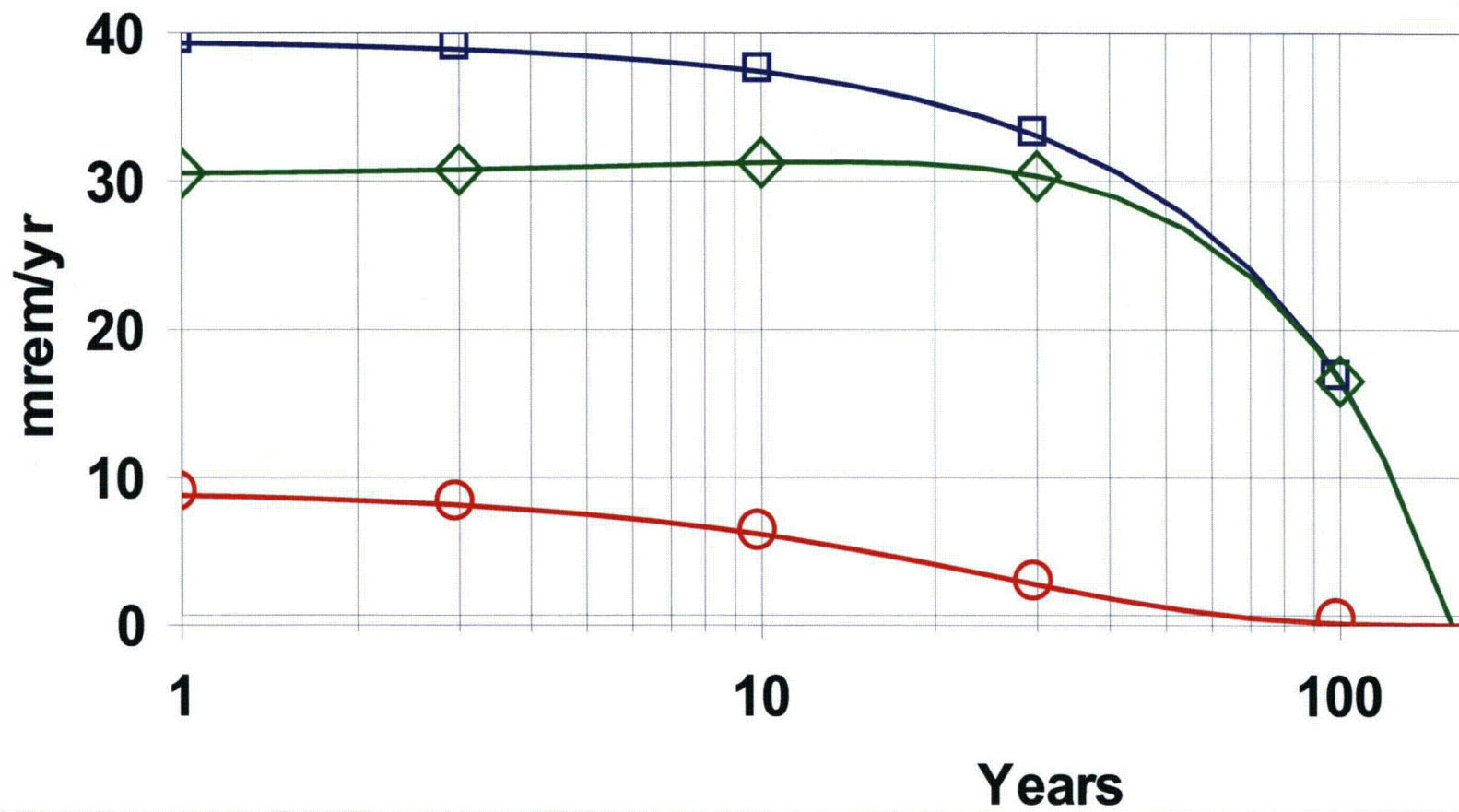
Appendix C-5

RESRAD Model Output

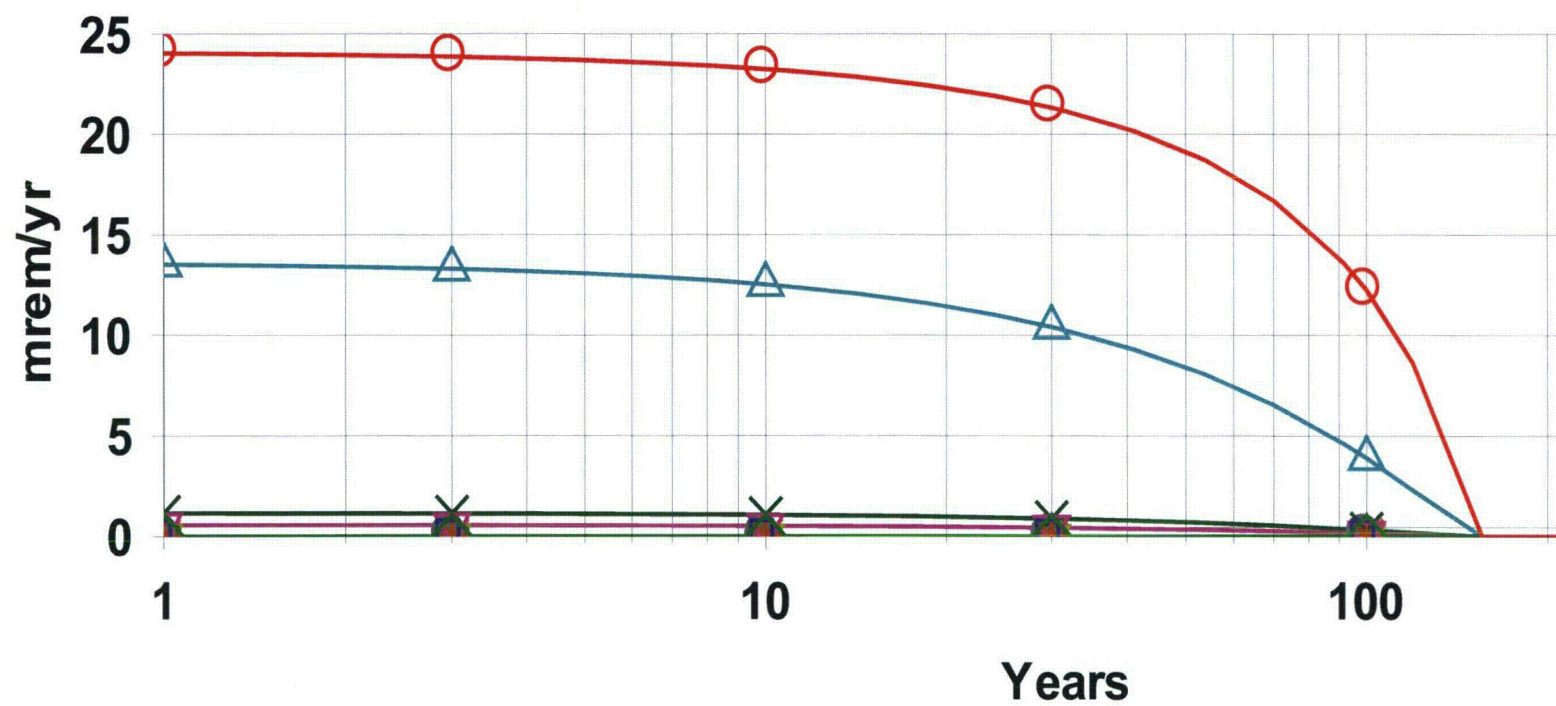
Standard Graphics for Radium and Uranium Dose Modeling

Radium Dose Graphics

DOSE: All Nuclides Summed, All Pathways Summed

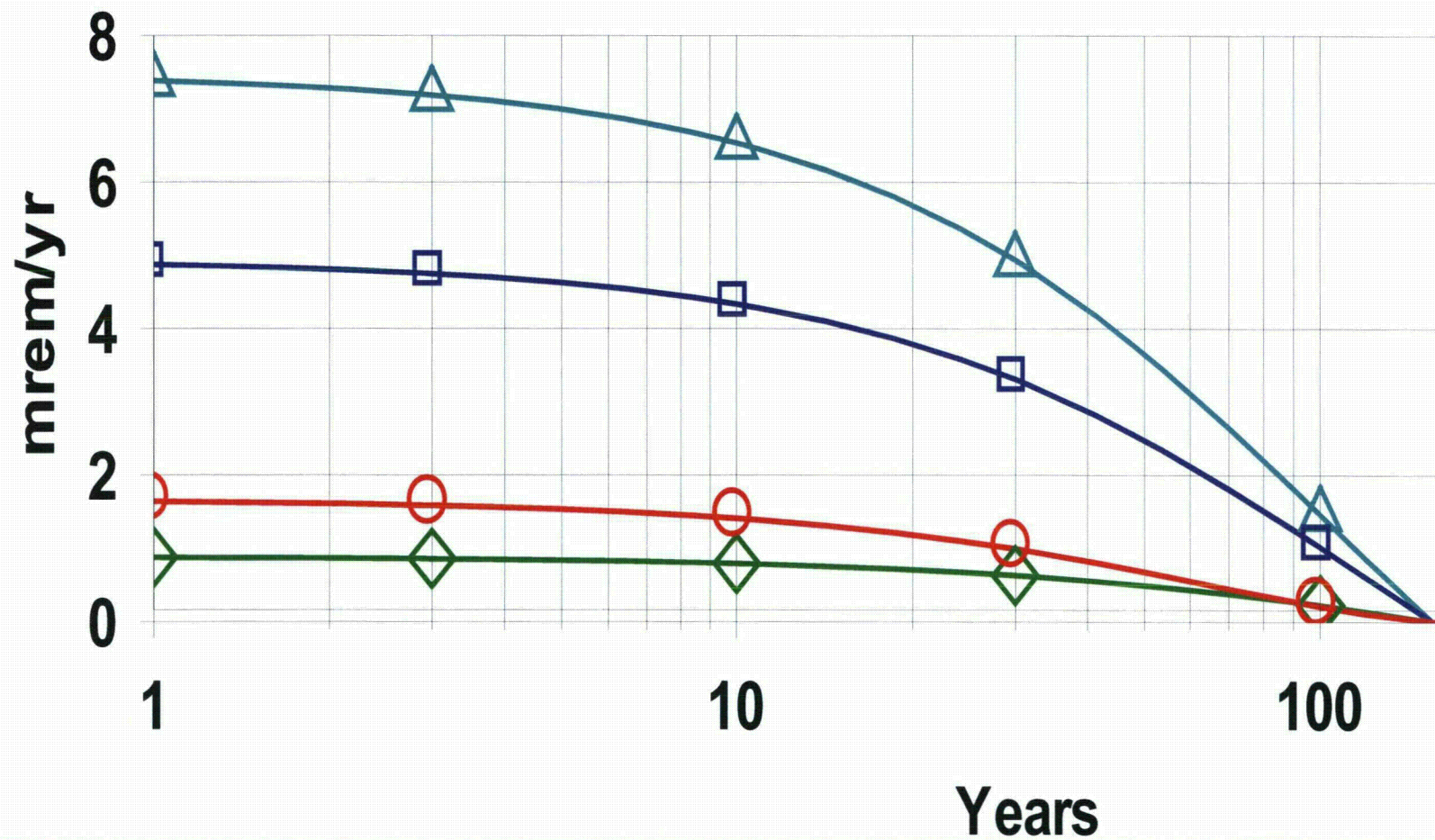


DOSE: All Nuclides Summed, Component Pathways

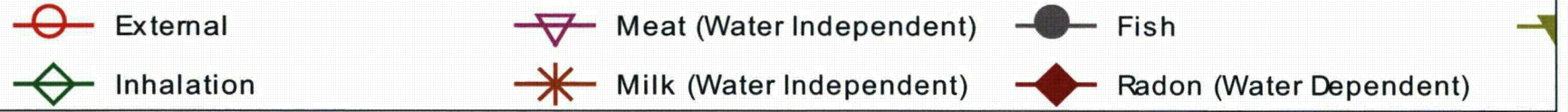
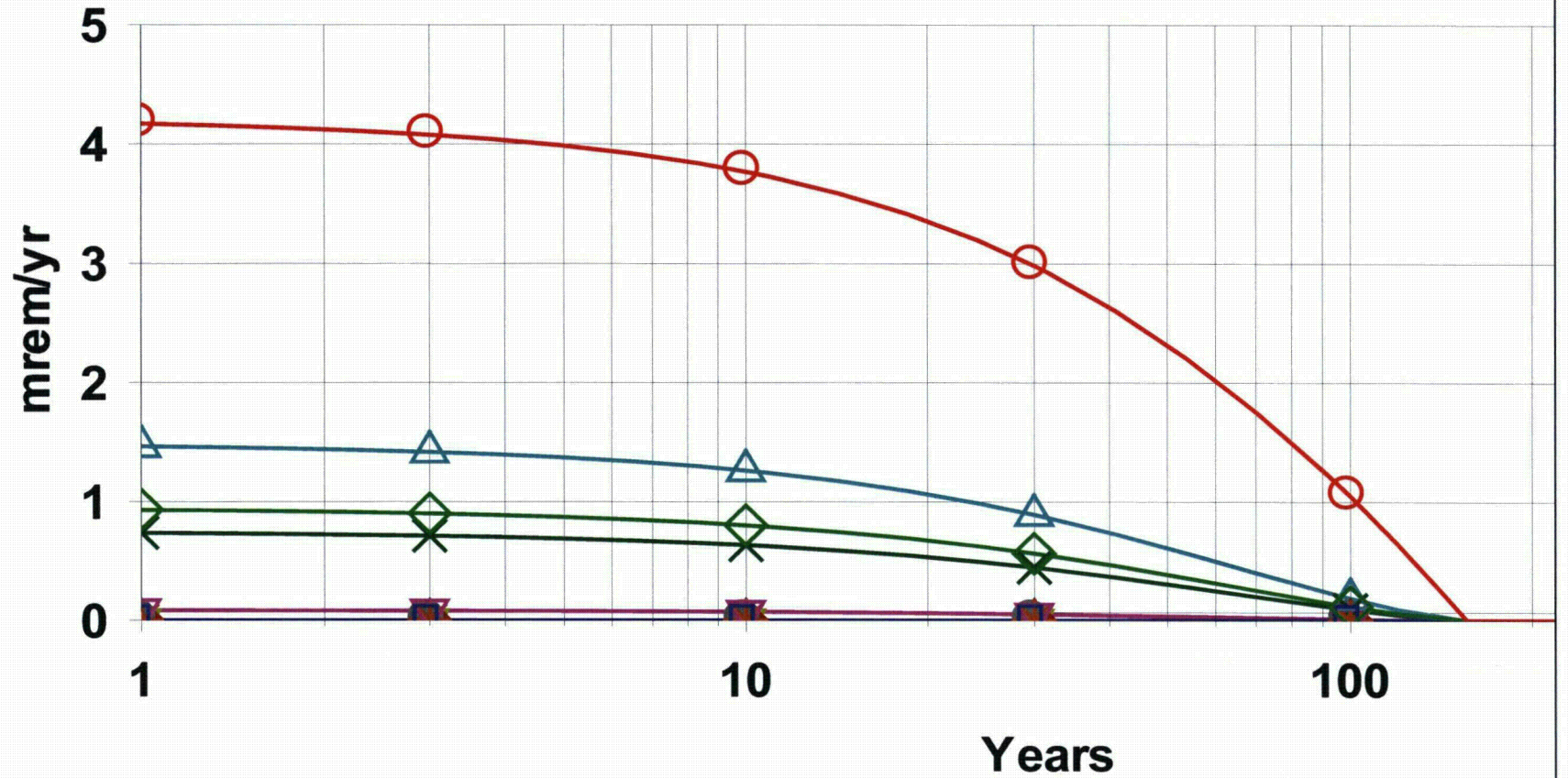


Natural Uranium Dose Graphics

DOSE: All Nuclides Summed, All Pathways Sum



DOSE: All Nuclides Summed, Component Pathways



APPENDIX D

Surety Estimate
Moore Ranch Uranium Project, Wyoming

(To be Completed)

APPENDIX E

MILDOS Data
Moore Ranch Uranium Project, Wyoming

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

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JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.18990,0.25630,0.24520,0.10040,0.05560,0.00000
 MPH N NNE NE ENE E ESE SE SSE S SSW SW WSW W WNW NW NNW TOTALS

STABILITY CLASS 1

1.5	0.2200	0.2600	0.1900	0.2300	0.1800	0.2100	0.2800	0.2400	0.2800	0.2300	0.2100	0.2700	0.2700	0.3500	0.2700	0.2600	3.9500
5.5	0.1700	0.1200	0.0800	0.0500	0.0600	0.0800	0.1100	0.1200	0.1500	0.1200	0.1500	0.1700	0.2200	0.2300	0.2300	0.1700	2.2300
10.0	0.0100	0.0000	0.0100	0.0000	0.0000	0.0100	0.0100	0.0100	0.0100	0.0100	0.0300	0.0400	0.0400	0.0500	0.0300	0.0200	0.2800
15.5	0.0100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0200	0.0200	0.0000	0.0000	0.0000	0.0000	0.0500
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0200
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.4100	0.3800	0.2800	0.2800	0.2400	0.3000	0.4000	0.3700	0.4400	0.3600	0.4300	0.5000	0.5300	0.6300	0.5300	0.4500	6.5300

STABILITY CLASS 2

1.5	0.0500	0.0600	0.0200	0.0200	0.0500	0.0400	0.0700	0.0800	0.0800	0.0400	0.0400	0.0600	0.1100	0.0800	0.0800	0.0600	0.9400
5.5	0.1500	0.0900	0.0600	0.0300	0.0300	0.0900	0.1100	0.1200	0.1000	0.0800	0.0600	0.1100	0.1900	0.1600	0.1500	0.1100	1.6400
10.0	0.0800	0.0300	0.0100	0.0000	0.0000	0.0200	0.0300	0.0200	0.0200	0.0100	0.0500	0.1500	0.1100	0.1200	0.0900	0.0800	0.8200
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0100	0.0300	0.0100	0.0100	0.0000	0.0000	0.0600
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0100	0.0200	0.0000	0.0000	0.0000	0.0100	0.0400
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.2800	0.1800	0.0900	0.0500	0.0800	0.1500	0.2100	0.2200	0.2000	0.1300	0.1700	0.3700	0.4200	0.3700	0.3200	0.2600	3.5000

STABILITY CLASS 3

1.5	0.0400	0.0600	0.0400	0.0400	0.0500	0.0900	0.0800	0.1200	0.0900	0.0300	0.0300	0.0700	0.2400	0.1800	0.1200	0.0600	1.3400
5.5	0.2200	0.1500	0.0500	0.0400	0.0400	0.1400	0.1800	0.1800	0.1600	0.0800	0.0800	0.1100	0.3100	0.2300	0.2300	0.2100	2.4100
10.0	0.5000	0.1300	0.0300	0.0100	0.0200	0.0800	0.1700	0.1600	0.1000	0.1100	0.1500	0.4200	0.4000	0.3100	0.3200	0.4600	3.3700
15.5	0.1700	0.0100	0.0000	0.0000	0.0000	0.0000	0.0100	0.0100	0.0100	0.0100	0.0700	0.2000	0.1000	0.0500	0.1000	0.1200	0.8600
21.5	0.1200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0900	0.1400	0.0200	0.0100	0.0200	0.0600	0.4600
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	1.0500	0.3500	0.1200	0.0900	0.1100	0.3100	0.4400	0.4700	0.3600	0.2300	0.4200	0.9400	1.0700	0.7800	0.7900	0.9100	8.4400

STABILITY CLASS 4

1.5	0.4000	0.2900	0.2300	0.3100	0.5100	0.6800	0.5200	0.3800	0.2900	0.1900	0.1300	0.3100	1.0500	0.8400	0.4500	0.3700	6.9500
5.5	1.0200	0.6300	0.3900	0.2400	0.4900	1.0500	0.8500	0.6100	0.5000	0.3700	0.4300	1.2800	3.4600	1.7900	1.1500	0.9200	15.1800
10.0	1.9100	1.0000	0.2400	0.1000	0.3700	1.4000	1.0500	0.8100	0.6300	0.4800	0.9600	2.8800	3.7500	1.1400	1.4100	1.9200	20.0500
15.5	1.0500	0.3700	0.0600	0.0000	0.0300	0.2800	0.2900	0.1800	0.1600	0.1500	0.7900	2.5100	1.0200	0.2800	0.6500	1.2500	9.0700
21.5	0.4800	0.1900	0.0200	0.0000	0.0000	0.0300	0.1200	0.0500	0.0400	0.0400	0.5200	2.0000	0.2800	0.0700	0.3700	0.8300	5.0400
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	4.8600	2.4800	0.9400	0.6500	1.4000	3.4400	2.8300	2.0300	1.6200	1.2300	2.8300	8.9800	9.5600	4.1200	4.0300	5.2900	56.2900

STABILITY CLASS 5

1.5	0.1300	0.1000	0.1000	0.1400	0.2200	0.3000	0.2600	0.3000	0.1800	0.1500	0.0900	0.1900	0.4900	0.3700	0.1600	0.1100	3.2900
5.5	0.1100	0.1300	0.0400	0.0400	0.1600	0.4900	0.3700	0.3400	0.2500	0.1500	0.0700	0.2300	1.1400	0.3800	0.1600	0.1100	4.1700
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.2400	0.2300	0.1400	0.1800	0.3800	0.7900	0.6300	0.6400	0.4300	0.3000	0.1600	0.4200	1.6300	0.7500	0.3200	0.2200	7.4600

STABILITY CLASS 6

1.5	0.0900	0.0700	0.0900	0.0800	0.1200	0.1400	0.1300	0.1600	0.1500	0.1600	0.1800	0.2300	0.3400	0.3100	0.1500	0.1200	2.5200
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0900	0.0700	0.0900	0.0800	0.1200	0.1400	0.1300	0.1600	0.1500	0.1600	0.1800	0.2300	0.3400	0.3100	0.1500	0.1200	2.5200

ALL 6.9300 3.6900 1.6600 1.3300 2.3300 5.1300 4.6400 3.8900 3.2000 2.4100 4.1900 11.4400 13.5500 6.9600 6.1400 7.2500 84.7400

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

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INDIVIDUAL RECEPTOR LOCATION DATA,							19 LOCATIONS INPUT THIS RUN						
I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE
1	N PB	0.00	2.60	0.00	2.60	10	11	SW PB	-2.85	-2.85	0.00	4.03	10
2	NNE PB	1.09	2.63	0.00	2.85	10	12	WSW PB	-3.02	-1.25	0.00	3.27	10
3	NE PB	1.96	1.96	0.00	2.77	10	13	W PB	-2.77	0.00	0.00	2.77	10
4	ENE PB	3.64	1.50	0.00	3.94	10	14	WNW PB	-2.17	0.90	0.00	2.35	10
5	E PB	6.71	0.00	0.00	6.71	10	15	NW PB	-1.42	1.42	0.00	2.01	10
6	ESE PB	4.72	-1.96	0.00	5.11	10	16	NNW PB	-1.09	2.63	0.00	2.85	10
7	SE PB	2.31	-2.31	0.00	3.27	10	17	Nearest Resident Eas	4.50	0.00	0.00	4.50	10
8	SSE PB	1.19	-2.87	0.00	3.11	10	18	Nearest Resident Sou	0.00	-13.40	0.00	13.40	10
9	S PB	0.00	-2.85	0.00	2.85	10	19	Wright	26.05	18.93	0.00	32.20	10
10	SSW PB	-1.51	-3.64	0.00	3.94	10							

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2007.00	0.50	0.50	0.50	0.50	0.00	0.00	0.00	2.50

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

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

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

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

HDP EQUALS 50.0

REGION:
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POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0-10.0	0	0	0	0	5	0	3	0	0	0	0	2	9	0	0	0
10.0-20.0	8	11	3	0	0	3	3	0	5	3	0	3	8	0	0	0
20.0-30.0	33	5	3	3	0	0	5	0	5	0	0	0	3	3	0	0
30.0-40.0	88	88	1408	503	1007	69	68	125	136	30	29	599	29	29	30	0
40.0-50.0	112	112	109	113	113	91	146	242	190	38	38	38	0	38	71	112
50.0-60.0	137	147	116	132	587	117	263	273	188	67	46	53	33	38	110	136
60.0-70.0	161	205	624	224	435	131	303	194	164	115	177	83	39	269	113	148
70.0-80.0	3682	1901	679	3139	1207	107	153	1701	2763	133	341	98	49	37	78	164
1.0-80.0	4221	2469	2942	4114	3354	518	944	2535	3451	386	631	876	170	414	402	560

TOTAL 1-80 KM POPULATION IS 27987 PERSONS

REGION:
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Moore Ranch

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DATA: MRANCH.RAD

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TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E+01	1.037E+01	5.179E+00	2.462E+00	2.369E-06	4.612E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.619E+00	5.544E+00	3.628E+00	2.327E+00	3.834E-06	3.279E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.600E+00	3.582E+00	2.685E+00	2.010E+00	4.965E-06	2.480E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.635E+00	2.630E+00	2.125E+00	1.731E+00	5.888E-06	1.994E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.461E+00	1.461E+00	1.300E+00	1.162E+00	7.633E-06	1.243E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.578E-01	6.581E-01	6.319E-01	5.978E-01	8.860E-06	6.112E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.661E-01	3.663E-01	3.624E-01	3.546E-01	9.109E-06	3.537E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.494E-01	2.495E-01	2.492E-01	2.472E-01	9.115E-06	2.443E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.864E-01	1.865E-01	1.869E-01	1.865E-01	9.024E-06	1.835E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.474E-01	1.475E-01	1.480E-01	1.481E-01	8.914E-06	1.455E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.209E-01	1.210E-01	1.215E-01	1.217E-01	8.792E-06	1.195E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.017E-01	1.018E-01	1.022E-01	1.025E-01	8.661E-06	1.006E-

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.213E+00	8.213E+00	8.213E+00	4.935E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.391E+00	4.391E+00	4.391E+00	7.986E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.837E+00	2.837E+00	2.837E+00	1.034E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.083E+00	2.083E+00	2.083E+00	1.226E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.157E+00	1.157E+00	1.157E+00	1.590E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.213E-01	5.213E-01	5.213E-01	1.846E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.901E-01	2.901E-01	2.901E-01	1.897E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.976E-01	1.976E-01	1.976E-01	1.899E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.477E-01	1.477E-01	1.477E-01	1.880E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.168E-01	1.168E-01	1.168E-01	1.857E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.581E-02	9.581E-02	9.581E-02	1.831E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.061E-02	8.061E-02	8.061E-02	1.804E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.108E-09
2.5	0.000E+00	0.000E+00	0.000E+00	1.150E-08
3.5	0.000E+00	0.000E+00	0.000E+00	1.490E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.766E-08
7.5	0.000E+00	0.000E+00	0.000E+00	2.290E-08
15.0	0.000E+00	0.000E+00	0.000E+00	2.658E-08
25.0	0.000E+00	0.000E+00	0.000E+00	2.733E-08
35.0	0.000E+00	0.000E+00	0.000E+00	2.734E-08
45.0	0.000E+00	0.000E+00	0.000E+00	2.707E-08
55.0	0.000E+00	0.000E+00	0.000E+00	2.674E-08
65.0	0.000E+00	0.000E+00	0.000E+00	2.637E-08
75.0	0.000E+00	0.000E+00	0.000E+00	2.598E-08

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 7
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.576E+01	3.184E+01	1.186E+01	4.698E+00	3.658E-06	1.105E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.880E+01	1.785E+01	9.128E+00	5.069E+00	7.036E-06	8.358E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.191E+01	1.169E+01	7.226E+00	4.801E+00	1.012E-05	6.658E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.520E+00	8.452E+00	5.859E+00	4.309E+00	1.267E-05	5.448E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.728E+00	4.725E+00	3.827E+00	3.151E+00	1.788E-05	3.602E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.166E+00	2.167E+00	2.006E+00	1.812E+00	2.221E-05	1.916E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.221E+00	1.221E+00	1.193E+00	1.144E+00	2.359E-05	1.157E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.357E-01	8.362E-01	8.304E-01	8.162E-01	2.390E-05	8.116E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.291E-01	6.295E-01	6.292E-01	6.250E-01	2.389E-05	6.170E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.000E-01	5.003E-01	5.015E-01	5.006E-01	2.372E-05	4.925E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.120E-01	4.122E-01	4.137E-01	4.140E-01	2.347E-05	4.066E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.483E-01	3.485E-01	3.499E-01	3.507E-01	2.319E-05	3.441E-

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.522E+01	2.522E+01	2.522E+01	7.619E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.414E+01	1.414E+01	1.414E+01	1.466E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.255E+00	9.255E+00	9.255E+00	2.108E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.694E+00	6.694E+00	6.694E+00	2.638E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.743E+00	3.743E+00	3.743E+00	3.725E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.716E+00	1.716E+00	1.716E+00	4.626E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.674E-01	9.674E-01	9.674E-01	4.913E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.623E-01	6.623E-01	6.623E-01	4.978E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.986E-01	4.986E-01	4.986E-01	4.976E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.963E-01	3.963E-01	3.963E-01	4.940E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.265E-01	3.265E-01	3.265E-01	4.889E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.760E-01	2.760E-01	2.760E-01	4.831E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.097E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.111E-08
3.5	0.000E+00	0.000E+00	0.000E+00	3.036E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.800E-08
7.5	0.000E+00	0.000E+00	0.000E+00	5.365E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.663E-08
25.0	0.000E+00	0.000E+00	0.000E+00	7.076E-08
35.0	0.000E+00	0.000E+00	0.000E+00	7.170E-08
45.0	0.000E+00	0.000E+00	0.000E+00	7.167E-08
55.0	0.000E+00	0.000E+00	0.000E+00	7.115E-08
65.0	0.000E+00	0.000E+00	0.000E+00	7.042E-08
75.0	0.000E+00	0.000E+00	0.000E+00	6.958E-08

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 8
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.501E+01	1.337E+01	4.932E+00	1.892E+00	1.346E-06	4.584E-01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.315E+00	6.931E+00	3.491E+00	1.932E+00	2.581E-06	3.204E-01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.540E+00	4.422E+00	2.629E+00	1.740E+00	3.612E-06	2.437E-01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.247E+00	3.204E+00	2.103E+00	1.530E+00	4.448E-06	1.967E-01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.839E+00	1.835E+00	1.395E+00	1.117E+00	6.271E-06	1.313E-01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.622E-01	8.626E-01	7.638E-01	6.638E-01	7.841E-06	7.237E-01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	4.950E-01	4.718E-01	4.393E-01	8.426E-06	4.541E-01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.437E-01	3.439E-01	3.372E-01	3.250E-01	8.653E-06	3.276E-01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.610E-01	2.612E-01	2.592E-01	2.544E-01	8.722E-06	2.532E-01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.091E-01	2.092E-01	2.089E-01	2.070E-01	8.726E-06	2.046E-01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.735E-01	1.736E-01	1.738E-01	1.732E-01	8.692E-06	1.706E-01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.476E-01	1.477E-01	1.481E-01	1.479E-01	8.633E-06	1.455E-01

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.059E+01	1.059E+01	1.059E+01	2.804E+00	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.489E+00	5.489E+00	5.489E+00	5.376E+00	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.503E+00	3.503E+00	3.503E+00	7.524E+00	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.537E+00	2.537E+00	2.537E+00	9.266E+00	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.454E+00	1.454E+00	1.454E+00	1.306E+01	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-01	6.832E-01	6.832E-01	1.633E+01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.920E-01	3.920E-01	3.920E-01	1.755E+01	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.724E-01	2.724E-01	2.724E-01	1.802E+01	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.069E-01	2.069E-01	2.069E-01	1.817E+01	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.657E-01	1.657E-01	1.657E-01	1.818E+01	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.375E-01	1.375E-01	1.375E-01	1.811E+01	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.170E-01	1.170E-01	1.170E-01	1.798E+01	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.039E-09
2.5	0.000E+00	0.000E+00	0.000E+00	7.743E-09
3.5	0.000E+00	0.000E+00	0.000E+00	1.084E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.335E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.881E-08
15.0	0.000E+00	0.000E+00	0.000E+00	2.352E-08
25.0	0.000E+00	0.000E+00	0.000E+00	2.528E-08
35.0	0.000E+00	0.000E+00	0.000E+00	2.596E-08
45.0	0.000E+00	0.000E+00	0.000E+00	2.617E-08
55.0	0.000E+00	0.000E+00	0.000E+00	2.618E-08
65.0	0.000E+00	0.000E+00	0.000E+00	2.608E-08
75.0	0.000E+00	0.000E+00	0.000E+00	2.590E-08

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 9
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.300E+01	1.260E+01	6.171E+00	2.804E+00	2.611E-06	5.473E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.938E+00	5.886E+00	3.987E+00	2.555E+00	4.140E-06	3.581E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.607E+00	3.598E+00	2.819E+00	2.142E+00	5.265E-06	2.599E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.582E+00	2.580E+00	2.182E+00	1.819E+00	6.224E-06	2.050E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.405E+00	1.406E+00	1.301E+00	1.199E+00	8.111E-06	1.251E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.236E-01	6.240E-01	6.106E-01	5.909E-01	9.419E-06	5.943E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.439E-01	3.441E-01	3.431E-01	3.397E-01	9.645E-06	3.361E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.325E-01	2.326E-01	2.332E-01	2.328E-01	9.606E-06	2.290E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.736E-01	1.737E-01	1.743E-01	1.746E-01	9.516E-06	1.714E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.368E-01	1.369E-01	1.375E-01	1.379E-01	9.388E-06	1.352E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.118E-01	1.118E-01	1.124E-01	1.127E-01	9.246E-06	1.105E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.372E-02	9.377E-02	9.422E-02	9.454E-02	9.100E-06	9.269E-

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.982E+00	9.982E+00	9.982E+00	5.439E+00	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.662E+00	4.662E+00	4.662E+00	8.624E+00	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.850E+00	2.850E+00	2.850E+00	1.097E+01	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.044E+00	2.044E+00	2.044E+00	1.297E+01	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.113E+00	1.113E+00	1.113E+00	1.690E+01	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.942E-01	4.942E-01	4.942E-01	1.962E+01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.725E-01	2.725E-01	2.725E-01	2.009E+01	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.843E-01	1.843E-01	1.843E-01	2.001E+01	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.376E-01	1.376E-01	1.376E-01	1.982E+01	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.084E-01	1.084E-01	1.084E-01	1.956E+01	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.859E-02	8.859E-02	8.859E-02	1.926E+01	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.427E-02	7.427E-02	7.427E-02	1.895E+01	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.833E-09
2.5	0.000E+00	0.000E+00	0.000E+00	1.242E-08
3.5	0.000E+00	0.000E+00	0.000E+00	1.580E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.867E-08
7.5	0.000E+00	0.000E+00	0.000E+00	2.433E-08
15.0	0.000E+00	0.000E+00	0.000E+00	2.826E-08
25.0	0.000E+00	0.000E+00	0.000E+00	2.893E-08
35.0	0.000E+00	0.000E+00	0.000E+00	2.882E-08
45.0	0.000E+00	0.000E+00	0.000E+00	2.855E-08
55.0	0.000E+00	0.000E+00	0.000E+00	2.816E-08
65.0	0.000E+00	0.000E+00	0.000E+00	2.774E-08
75.0	0.000E+00	0.000E+00	0.000E+00	2.730E-08

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 10
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.177E-06	2.197E-05	5.863E-05	7.392E-05	8.935E-05	1.036E-04	2.335E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.437E-06	2.491E-06	4.324E-05	5.412E-05	6.973E-05	9.560E-05	8.712E-05
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.307E-06	1.329E-06	6.195E-04	4.732E-05	4.965E-05	2.633E-04	2.823E-04
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.281E-06	3.874E-04	8.702E-05	1.012E-04	1.704E-04	2.365E-04
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.529E-06	0.000E+00	0.000E+00	1.759E-03	1.974E-04	1.018E-03	7.473E-04	2.049E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.032E-06	0.000E+00	9.711E-05	1.271E-04	1.615E-04	1.784E-04	1.436E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.853E-06	2.291E-06	4.083E-06	5.648E-05	1.214E-04	2.175E-04	2.483E-04	1.241E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.277E-05	1.614E-04	1.819E-04	1.286E-04	1.119E-04
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.863E-06	3.078E-06	8.601E-05	1.212E-04	1.200E-04	1.043E-04	1.746E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.472E-06	0.000E+00	1.601E-05	2.036E-05	3.578E-05	6.105E-05	7.002E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.198E-05	1.553E-05	1.858E-05	7.061E-05	1.342E-05
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.278E-07	1.432E-06	0.000E+00	2.901E-04	1.816E-05	2.503E-05	3.867E-05	4.498E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.330E-06	5.504E-06	2.114E-06	2.036E-05	0.000E+00	2.267E-05	2.640E-05	3.265E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.838E-06	2.761E-05	3.596E-05	3.558E-05	2.486E-04	3.373E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.566E-05	6.037E-05	9.254E-05	9.386E-05	6.390E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.840E-05	1.058E-04	1.134E-04	1.236E-04

TOTAL DOSE COMMITMENT IS 2.147E-02 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 11
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.200E-05	1.781E-04	4.752E-04	5.988E-04	7.236E-04	8.386E-04	1.889E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.411E-05	2.020E-05	3.504E-04	4.384E-04	5.647E-04	7.738E-04	7.049E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.060E-05	1.078E-05	5.021E-03	3.834E-04	4.021E-04	2.132E-03	2.284E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.850E-05	3.140E-03	7.051E-04	8.198E-04	1.380E-03	1.914E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.298E-05	0.000E+00	0.000E+00	1.426E-02	1.599E-03	8.249E-03	6.050E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.270E-05	0.000E+00	7.871E-04	1.030E-03	1.308E-03	1.444E-03	1.162E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.503E-05	1.859E-05	3.311E-05	4.578E-04	9.835E-04	1.761E-03	2.010E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-04	1.308E-03	1.474E-03	1.041E-03	9.055E-04
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.323E-05	2.496E-05	6.972E-04	9.819E-04	9.719E-04	8.446E-04	1.413E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.194E-05	0.000E+00	1.297E-04	1.649E-04	2.898E-04	4.942E-04	5.665E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.706E-05	1.258E-04	1.504E-04	5.715E-04	1.086E-03
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.717E-06	1.161E-05	0.000E+00	2.351E-03	1.471E-04	2.027E-04	3.129E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.325E-05	4.465E-05	1.714E-05	1.650E-04	0.000E+00	1.836E-04	2.137E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.301E-05	2.237E-04	2.913E-04	2.881E-04	2.013E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.079E-04	4.891E-04	7.494E-04	7.597E-04	5.170E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.162E-04	8.569E-04	9.175E-04	9.998E-04

TOTAL DOSE COMMITMENT IS 1.738E-01 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 12
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.112E-07	2.660E-06	7.282E-06	9.410E-06	1.166E-05	1.384E-05	3.195E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.418E-07	3.017E-07	5.370E-06	6.889E-06	9.096E-06	1.277E-05	1.192E-05
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.542E-07	1.608E-07	7.678E-05	6.006E-06	6.449E-06	3.500E-05	3.837E-05
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E-07	4.785E-05	1.099E-05	1.306E-05	2.247E-05	3.184E-05
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.555E-07	0.000E+00	0.000E+00	2.174E-04	2.496E-05	1.317E-04	9.884E-05	2.771E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.754E-07	0.000E+00	1.204E-05	1.615E-05	2.102E-05	2.377E-05	1.958E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.144E-07	2.701E-07	4.933E-07	6.989E-06	1.538E-05	2.820E-05	3.295E-05	1.684E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.023E-05	2.042E-05	2.354E-05	1.701E-05	1.513E-05
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.374E-07	3.715E-07	1.062E-05	1.531E-05	1.550E-05	1.377E-05	2.356E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.736E-07	0.000E+00	1.983E-06	2.583E-06	4.648E-06	8.117E-06	9.524E-06
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.487E-06	1.978E-06	2.425E-06	9.442E-06	1.838E-06
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.587E-08	1.691E-07	0.000E+00	3.611E-05	2.320E-06	3.280E-06	5.195E-06	6.195E-06
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.174E-07	6.500E-07	2.563E-07	2.534E-06	0.000E+00	2.967E-06	3.541E-06	4.488E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.435E-07	3.426E-06	4.573E-06	4.634E-06	3.316E-05	4.604E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.185E-06	7.678E-06	1.206E-05	1.252E-05	8.726E-05
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.126E-05	1.380E-05	1.514E-05	1.690E-05

TOTAL DOSE COMMITMENT IS 2.835E-03 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 13
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.578E-03	1.510E-02	2.743E-02	2.609E-02	2.524E-02	2.433E-02	4.682E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.908E-03	1.715E-03	2.030E-02	1.921E-02	1.983E-02	2.263E-02	1.763E-02
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.054E-03	1.149E-03	3.680E-01	2.138E-02	1.808E-02	8.021E-02	7.384E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.524E-03	2.930E-01	4.989E-02	4.668E-02	6.571E-02	7.833E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.955E-02	0.000E+00	0.000E+00	1.052E+00	8.887E-02	3.669E-01	2.240E-01
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.496E-03	0.000E+00	4.776E-02	4.708E-02	4.783E-02	4.389E-02	3.015E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.996E-03	3.634E-03	3.449E-03	3.228E-02	5.224E-02	7.487E-02	7.113E-02	3.038E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.518E-02	8.108E-02	7.317E-02	4.308E-02	3.209E-02
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.389E-03	3.092E-03	5.844E-02	6.200E-02	4.915E-02	3.557E-02	5.097E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.219E-03	0.000E+00	8.734E-03	8.365E-03	1.176E-02	1.668E-02	1.634E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.339E-03	5.222E-03	4.995E-03	1.576E-02	2.555E-02
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.323E-03	1.530E-03	0.000E+00	1.132E-01	5.326E-03	5.856E-03	7.490E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.581E-02	6.236E-03	1.290E-03	8.428E-03	0.000E+00	5.643E-03	5.450E-03	5.740E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.067E-03	1.367E-02	1.343E-02	1.064E-02	6.181E-02	7.160E-02
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.263E-02	2.244E-02	2.754E-02	2.323E-02	1.351E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.139E-02	3.010E-02	2.681E-02	2.497E-02

TOTAL DOSE COMMITMENT IS 7.381E+00 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 14
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS GROUND

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	2.884E-06	6.237E-06	6.899E-06	7.624E-06	8.278E-06	1.774E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.073E-06	3.273E-07	4.608E-06	5.063E-06	5.965E-06	7.659E-06	6.638E-06
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.025E-07	2.011E-07	7.476E-05	4.947E-06	4.695E-06	2.312E-05	2.341E-05
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.077E-07	5.386E-05	1.030E-05	1.069E-05	1.653E-05	2.147E-05
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.693E-06	0.000E+00	0.000E+00	2.131E-04	2.060E-05	9.588E-05	6.521E-05
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.380E-07	0.000E+00	1.059E-05	1.212E-05	1.403E-05	1.448E-05	1.107E-05
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-06	5.341E-07	6.088E-07	6.671E-06	1.239E-05	2.008E-05	2.130E-05
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.067E-05	1.780E-05	1.799E-05	1.174E-05
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-07	5.146E-07	1.121E-05	1.349E-05	1.197E-05	9.591E-06	1.508E-05
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.300E-07	0.000E+00	1.844E-06	2.034E-06	3.240E-06	5.143E-06	5.581E-06
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.244E-06	1.420E-06	1.556E-06	5.549E-06	1.004E-05
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.074E-07	2.499E-07	0.000E+00	2.830E-05	1.572E-06	1.998E-06	2.909E-06
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.075E-06	1.000E-06	2.590E-07	2.042E-06	0.000E+00	1.848E-06	2.024E-06
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.857E-07	3.022E-06	3.440E-06	3.102E-06	2.025E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.800E-06	5.762E-06	8.054E-06	7.634E-06
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.272E-06	9.052E-06	9.079E-06	9.411E-06

TOTAL DOSE COMMITMENT IS 1.981E-03 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 15
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS CLOUD

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0	
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.275E-05	1.285E-04	2.385E-04	2.288E-04	2.222E-04	2.146E-04	4.133	
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.521E-05	1.455E-05	1.761E-04	1.682E-04	1.745E-04	1.995E-04	1.556	
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.463E-05	9.038E-06	3.046E-03	1.819E-04	1.561E-04	6.989E-04	6.469	
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.883E-05	2.354E-03	4.171E-04	3.990E-04	5.690E-04	6.835	
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.772E-04	0.000E+00	0.000E+00	9.020E-03	7.740E-04	3.219E-03	1.972E-03	4.634
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.362E-05	0.000E+00	4.151E-04	4.129E-04	4.210E-04	3.871E-04	2.662	
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.913E-05	2.694E-05	2.822E-05	2.747E-04	4.525E-04	6.544E-04	6.246E-04	2.675
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.560E-04	6.902E-04	6.328E-04	3.759E-04	2.814
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.703E-05	2.428E-05	4.863E-04	5.305E-04	4.266E-04	3.111E-04	4.477	
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.671E-05	0.000E+00	7.465E-05	7.266E-05	1.029E-04	1.466E-04	1.439	
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.665E-05	4.591E-05	4.402E-05	1.391E-04	2.256	
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.834E-05	1.304E-05	0.000E+00	9.965E-04	4.701E-05	5.172E-05	6.617E-05	6.546
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.194E-04	5.198E-05	1.117E-05	7.393E-05	0.000E+00	4.980E-05	4.813E-05	5.071
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.745E-05	1.185E-04	1.177E-04	9.360E-05	5.450E-04	6.320
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.093E-04	1.962E-04	2.420E-04	2.047E-04	1.192	
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.752E-04	2.649E-04	2.365E-04	2.204	

TOTAL DOSE COMMITMENT IS 6.384E-02 PERSON-REM/YR

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 16
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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REGION:
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Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 17
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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Moore Ranch

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PAGE 18
07/10/07

TIME STEP NUMBER 1,

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EXPOSURE PATHWAY IS MEAT ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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EXPOSURE PATHWAY IS MEAT ING

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DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 20
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 21
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEA.

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	2.147E-02	1.738E-01	2.835E-03	1.304E-01	6.270E-02	7.381E+00
GROUND	1.981E-03	1.981E-03	1.981E-03	1.981E-03	1.981E-03	1.981E-03
CLOUD	6.384E-02	6.384E-02	6.384E-02	6.384E-02	6.384E-02	6.384E-02
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	8.729E-02	2.397E-01	6.865E-02	1.962E-01	1.285E-01	7.447E+00

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	5.321E+00	7.256E+01	1.209E+00	5.321E+00	5.321E+00	3.386E+01
TOTALS	5.321E+00	7.256E+01	1.209E+00	5.321E+00	5.321E+00	3.386E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	2.147E-02	1.738E-01	2.835E-03	1.304E-01	6.270E-02	7.381E+00
GROUND	1.981E-03	1.981E-03	1.981E-03	1.981E-03	1.981E-03	1.981E-03
CLOUD	6.384E-02	6.384E-02	6.384E-02	6.384E-02	6.384E-02	6.384E-02
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	5.321E+00	7.256E+01	1.209E+00	5.321E+00	5.321E+00	3.386E+01
TOTALS	5.408E+00	7.280E+01	1.278E+00	5.517E+00	5.449E+00	4.131E+01

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

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07/10/07

COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONC
1	2007.00	2107.00	100.00	TOTALS	8.729E+00	2.397E+01	6.865E+00	1.962E+01	1.285E+01	7.447E
TOTALS OVER ALL 1 TIME STEPS					8.729E+00	2.397E+01	6.865E+00	1.962E+01	1.285E+01	7.447E

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONC
1	2007.00	2107.00	100.00	TOTALS	5.321E+02	7.256E+03	1.209E+02	5.321E+02	5.321E+02	3.386E
TOTALS OVER ALL 1 TIME STEPS					5.321E+02	7.256E+03	1.209E+02	5.321E+02	5.321E+02	3.386E

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL POPULATIONS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONC
1	2007.00	2107.00	100.00	TOTALS	5.408E+02	7.280E+03	1.278E+02	5.517E+02	5.449E+02	4.131E
TOTALS OVER ALL 1 TIME STEPS					5.408E+02	7.280E+03	1.278E+02	5.517E+02	5.449E+02	4.131E

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

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DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

NO.	AIRBORNE CONCENTRATIONS, PCI/M3							GROUND CONCENTRATIONS, PCI/M2				
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	5.337E+00	5.272E+00	3.512E+00	2.299E+00	3.963E-06	7.626E-09	4.100E-13	3.181E-05	4.176E+00	4.176E+00	4.176E+00	8.254E+00
2	3.911E+00	3.866E+00	2.677E+00	1.830E+00	3.430E-06	7.018E-09	3.952E-13	2.438E-05	3.062E+00	3.062E+00	3.062E+00	7.145E+00
3	4.295E+00	4.157E+00	2.579E+00	1.681E+00	2.912E-06	5.550E-09	2.915E-13	2.363E-05	3.293E+00	3.293E+00	3.293E+00	6.066E+00
4	5.098E+00	4.955E+00	3.013E+00	2.118E+00	5.421E-06	1.513E-08	1.152E-12	2.828E-05	3.925E+00	3.925E+00	3.925E+00	1.129E+01
5	5.364E+00	5.356E+00	4.216E+00	3.411E+00	1.686E-05	8.867E-08	1.239E-11	3.962E-05	4.242E+00	4.242E+00	4.242E+00	3.512E+01
6	5.402E+00	5.391E+00	4.294E+00	3.469E+00	1.224E-05	4.543E-08	4.556E-12	4.026E-05	4.270E+00	4.270E+00	4.270E+00	2.550E+01
7	6.760E+00	6.579E+00	3.983E+00	2.551E+00	4.682E-06	9.861E-09	5.866E-13	3.649E-05	5.211E+00	5.211E+00	5.211E+00	9.753E+00
8	6.347E+00	6.057E+00	3.285E+00	2.012E+00	3.458E-06	6.822E-09	3.790E-13	3.040E-05	4.798E+00	4.798E+00	4.798E+00	7.203E+00
9	6.040E+00	5.795E+00	3.130E+00	1.872E+00	2.966E-06	5.350E-09	2.696E-13	2.882E-05	4.590E+00	4.590E+00	4.590E+00	6.179E+00
10	2.657E+00	2.631E+00	1.847E+00	1.359E+00	3.472E-06	9.505E-09	7.060E-13	1.714E-05	2.084E+00	2.084E+00	2.084E+00	7.231E+00
11	1.844E+00	1.840E+00	1.484E+00	1.177E+00	3.286E-06	9.569E-09	7.515E-13	1.381E-05	1.457E+00	1.457E+00	1.457E+00	6.845E+00
12	2.689E+00	2.685E+00	2.139E+00	1.603E+00	3.568E-06	8.507E-09	5.571E-13	1.959E-05	2.127E+00	2.127E+00	2.127E+00	7.432E+00
13	5.096E+00	5.065E+00	3.605E+00	2.446E+00	4.484E-06	9.189E-09	5.295E-13	3.262E-05	4.011E+00	4.011E+00	4.011E+00	9.340E+00
14	9.309E+00	9.102E+00	5.392E+00	3.210E+00	4.818E-06	8.499E-09	4.336E-13	4.869E-05	7.209E+00	7.209E+00	7.209E+00	1.004E+01
15	1.009E+01	9.783E+00	5.402E+00	2.960E+00	3.789E-06	5.845E-09	2.650E-13	4.850E-05	7.749E+00	7.749E+00	7.749E+00	7.892E+00
16	5.691E+00	5.634E+00	3.873E+00	2.638E+00	5.086E-06	1.094E-08	6.598E-13	3.528E-05	4.462E+00	4.462E+00	4.462E+00	1.059E+01
17	8.520E+00	8.452E+00	5.859E+00	4.309E+00	1.267E-05	4.078E-08	3.582E-12	5.448E-05	6.694E+00	6.694E+00	6.694E+00	2.638E+01
18	9.749E-01	9.753E-01	8.454E-01	7.235E-01	7.657E-06	9.188E-08	2.875E-11	7.989E-06	7.725E-01	7.725E-01	7.725E-01	1.595E+01
19	3.445E-01	3.446E-01	3.313E-01	3.118E-01	7.745E-06	2.406E-07	1.995E-10	3.198E-06	2.730E-01	2.730E-01	2.730E-01	1.613E+01

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

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DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 1 NAME=N PB

X= 0.0KM, Y= 2.6KM, Z= 0.0M, DIST= 2.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 29
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 1 NAME=N PB

X= 0.0KM, Y= 2.6KM, Z= 0.0M, DIST= 2.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.01E-01	2.14E-03	1.99E-04	1.11E-02	4.31E-03	6.67E+00
INFANT	GROUND	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04
INFANT	CLOUD	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.29E-01	2.98E-02	2.78E-02	3.87E-02	3.19E-02	6.70E+00
CHILD	INHAL.	4.01E-01	1.62E-03	9.28E-05	4.93E-03	2.03E-03	6.67E+00
CHILD	GROUND	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04
CHILD	CLOUD	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02
CHILD	VEG. ING	1.64E-04	1.89E-03	5.62E-04	5.62E-04	4.58E-04	0.00E+00
CHILD	MEAT ING	2.92E-05	3.37E-04	1.00E-04	1.00E-04	8.16E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.28E-01	3.15E-02	2.84E-02	3.32E-02	3.02E-02	6.70E+00
TEENAGE	INHAL.	4.01E-01	3.99E-03	3.98E-05	2.11E-03	1.01E-03	6.67E+00
TEENAGE	GROUND	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04
TEENAGE	CLOUD	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02
TEENAGE	VEG. ING	2.70E-04	3.12E-03	9.26E-04	9.26E-04	7.54E-04	0.00E+00
TEENAGE	MEAT ING	4.73E-05	5.47E-04	1.63E-04	1.63E-04	1.32E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.29E-01	3.53E-02	2.87E-02	3.08E-02	2.95E-02	6.70E+00
ADULT	INHAL.	4.01E-01	2.35E-03	3.32E-05	1.76E-03	8.46E-04	6.67E+00
ADULT	GROUND	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04	7.62E-04
ADULT	CLOUD	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02	2.69E-02
ADULT	VEG. ING	3.72E-04	4.30E-03	1.28E-03	1.28E-03	1.04E-03	0.00E+00
ADULT	MEAT ING	8.27E-05	9.56E-04	2.84E-04	2.84E-04	2.31E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.29E-01	3.52E-02	2.92E-02	3.09E-02	2.97E-02	6.70E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 30

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 2 NAME=NNE PB

X= 1.1KM, Y= 2.6KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 31
07/10/07

DATA: MRANCH.RAD

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 2 NAME=NNE PB

X= 1.1KM, Y= 2.6KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.94E-01	1.85E-03	1.72E-04	9.60E-03	3.73E-03	4.89E+00
INFANT	GROUND	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04
INFANT	CLOUD	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.16E-01	2.36E-02	2.19E-02	3.14E-02	2.55E-02	4.91E+00
CHILD	INHAL.	2.94E-01	1.40E-03	8.04E-05	4.27E-03	1.76E-03	4.89E+00
CHILD	GROUND	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04
CHILD	CLOUD	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02
CHILD	VEG. ING	1.42E-04	1.64E-03	4.87E-04	4.87E-04	3.96E-04	0.00E+00
CHILD	MEAT ING	2.52E-05	2.92E-04	8.67E-05	8.67E-05	7.06E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.16E-01	2.51E-02	2.24E-02	2.66E-02	2.40E-02	4.91E+00
TEENAGE	INHAL.	2.94E-01	3.45E-03	3.44E-05	1.83E-03	8.78E-04	4.89E+00
TEENAGE	GROUND	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04
TEENAGE	CLOUD	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02
TEENAGE	VEG. ING	2.33E-04	2.70E-03	8.02E-04	8.02E-04	6.53E-04	0.00E+00
TEENAGE	MEAT ING	4.10E-05	4.73E-04	1.41E-04	1.41E-04	1.15E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.16E-01	2.84E-02	2.28E-02	2.45E-02	2.34E-02	4.91E+00
ADULT	INHAL.	2.94E-01	2.03E-03	2.87E-05	1.52E-03	7.32E-04	4.89E+00
ADULT	GROUND	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04
ADULT	CLOUD	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02	2.12E-02
ADULT	VEG. ING	3.22E-04	3.73E-03	1.11E-03	1.11E-03	9.02E-04	0.00E+00
ADULT	MEAT ING	7.16E-05	8.28E-04	2.46E-04	2.46E-04	2.00E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.16E-01	2.84E-02	2.32E-02	2.47E-02	2.36E-02	4.91E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 32

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 3 NAME=NE PB

X= 2.0KM, Y= 2.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 33

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 3 NAME=NE PB

X= 2.0KM, Y= 2.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.23E-01	1.57E-03	1.46E-04	8.15E-03	3.17E-03	5.37E+00
INFANT	GROUND	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04
INFANT	CLOUD	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.43E-01	2.18E-02	2.04E-02	2.84E-02	2.34E-02	5.39E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.22E-01	1.19E-03	6.82E-05	3.62E-03	1.49E-03	5.37E+00
CHILD	GROUND	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04
CHILD	CLOUD	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02
CHILD	VEG. ING	1.20E-04	1.39E-03	4.13E-04	4.13E-04	3.37E-04	0.00E+00
CHILD	MEAT ING	2.14E-05	2.48E-04	7.36E-05	7.36E-05	6.00E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.43E-01	2.31E-02	2.08E-02	2.44E-02	2.21E-02	5.39E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.22E-01	2.93E-03	2.92E-05	1.55E-03	7.46E-04	5.37E+00
TEENAGE	GROUND	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04
TEENAGE	CLOUD	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02
TEENAGE	VEG. ING	1.98E-04	2.29E-03	6.81E-04	6.81E-04	5.54E-04	0.00E+00
TEENAGE	MEAT ING	3.48E-05	4.02E-04	1.19E-04	1.19E-04	9.73E-05	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.43E-01	2.59E-02	2.11E-02	2.26E-02	2.17E-02	5.39E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.22E-01	1.73E-03	2.44E-05	1.29E-03	6.21E-04	5.37E+00
ADULT	GROUND	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04	6.00E-04
ADULT	CLOUD	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02
ADULT	VEG. ING	2.74E-04	3.16E-03	9.40E-04	9.40E-04	7.66E-04	0.00E+00
ADULT	MEAT ING	6.08E-05	7.03E-04	2.09E-04	2.09E-04	1.70E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.43E-01	2.58E-02	2.14E-02	2.27E-02	2.18E-02	5.39E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 34

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 4 NAME=ENE PB

X= 3.6KM, Y= 1.5KM, Z= 0.0M, DIST= 3.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 35
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 4 NAME=ENE PB

X= 3.6KM, Y= 1.5KM, Z= 0.0M, DIST= 3.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.83E-01	2.92E-03	2.73E-04	1.52E-02	5.90E-03	6.37E+00
INFANT	GROUND	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04
INFANT	CLOUD	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.08E-01	2.81E-02	2.54E-02	4.03E-02	3.11E-02	6.40E+00
CHILD	INHAL.	3.83E-01	2.22E-03	1.27E-04	6.74E-03	2.78E-03	6.37E+00
CHILD	GROUND	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04
CHILD	CLOUD	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02
CHILD	VEG. ING	2.24E-04	2.59E-03	7.69E-04	7.69E-04	6.27E-04	0.00E+00
CHILD	MEAT ING	3.99E-05	4.61E-04	1.37E-04	1.37E-04	1.12E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.08E-01	3.04E-02	2.62E-02	3.28E-02	2.87E-02	6.40E+00
TEENAGE	INHAL.	3.83E-01	5.46E-03	5.45E-05	2.89E-03	1.39E-03	6.37E+00
TEENAGE	GROUND	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04
TEENAGE	CLOUD	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02
TEENAGE	VEG. ING	3.69E-04	4.26E-03	1.27E-03	1.27E-03	1.03E-03	0.00E+00
TEENAGE	MEAT ING	6.48E-05	7.48E-04	2.22E-04	2.22E-04	1.81E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.08E-01	3.56E-02	2.67E-02	2.95E-02	2.78E-02	6.40E+00
ADULT	INHAL.	3.83E-01	3.21E-03	4.54E-05	2.41E-03	1.16E-03	6.37E+00
ADULT	GROUND	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04	7.22E-04
ADULT	CLOUD	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02
ADULT	VEG. ING	5.10E-04	5.89E-03	1.75E-03	1.75E-03	1.43E-03	0.00E+00
ADULT	MEAT ING	1.13E-04	1.31E-03	3.89E-04	3.89E-04	3.17E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.09E-01	3.56E-02	2.73E-02	2.97E-02	2.81E-02	6.40E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 36
07/10/07

DURATION IN YRS IS...100.0

NUMBER 5 NAME=E PB X= 6.7KM, Y= 0.0KM, Z= 0.0M, DIST= 6.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 37

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 5 NAME=E PB

X= 6.7KM, Y= 0.0KM, Z= 0.0M, DIST= 6.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.05E-01	9.09E-03	8.53E-04	4.72E-02	1.83E-02	6.70E+00
INFANT	GROUND	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04
INFANT	CLOUD	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.45E-01	4.84E-02	4.01E-02	8.65E-02	5.76E-02	6.74E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.04E-01	6.89E-03	3.98E-04	2.10E-02	8.63E-03	6.70E+00
CHILD	GROUND	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04
CHILD	CLOUD	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02
CHILD	VEG. ING	6.96E-04	8.05E-03	2.39E-03	2.39E-03	1.95E-03	0.00E+00
CHILD	MEAT ING	1.24E-04	1.43E-03	4.26E-04	4.26E-04	3.47E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.44E-01	5.57E-02	4.25E-02	6.31E-02	5.02E-02	6.74E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.04E-01	1.70E-02	1.71E-04	8.99E-03	4.32E-03	6.70E+00
TEENAGE	GROUND	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04
TEENAGE	CLOUD	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02
TEENAGE	VEG. ING	1.15E-03	1.33E-02	3.94E-03	3.94E-03	3.21E-03	0.00E+00
TEENAGE	MEAT ING	2.01E-04	2.33E-03	6.92E-04	6.92E-04	5.63E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.44E-01	7.19E-02	4.41E-02	5.29E-02	4.74E-02	6.74E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.04E-01	9.99E-03	1.42E-04	7.49E-03	3.60E-03	6.70E+00
ADULT	GROUND	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04	8.24E-04
ADULT	CLOUD	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02	3.85E-02
ADULT	VEG. ING	1.58E-03	1.83E-02	5.44E-03	5.44E-03	4.43E-03	0.00E+00
ADULT	MEAT ING	3.52E-04	4.07E-03	1.21E-03	1.21E-03	9.85E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.45E-01	7.17E-02	4.61E-02	5.34E-02	4.83E-02	6.74E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 38
07/10/07

DURATION IN YRS IS...100.0

NUMBER 6 NAME=ESE PB X= 4.7KM, Y= -2.0KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 39

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 6 NAME=ESE PB

X= 4.7KM, Y= -2.0KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.07E-01	6.60E-03	6.17E-04	3.43E-02	1.33E-02	6.75E+00
INFANT	GROUND	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04
INFANT	CLOUD	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.47E-01	4.65E-02	4.06E-02	7.42E-02	5.33E-02	6.79E+00
CHILD	INHAL.	4.06E-01	5.00E-03	2.88E-04	1.52E-02	6.27E-03	6.75E+00
CHILD	GROUND	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04
CHILD	CLOUD	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02
CHILD	VEG. ING	5.06E-04	5.84E-03	1.74E-03	1.74E-03	1.41E-03	0.00E+00
CHILD	MEAT ING	9.01E-05	1.04E-03	3.09E-04	3.09E-04	2.52E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.47E-01	5.18E-02	4.23E-02	5.72E-02	4.79E-02	6.79E+00
TEENAGE	INHAL.	4.06E-01	1.23E-02	1.23E-04	6.53E-03	3.13E-03	6.75E+00
TEENAGE	GROUND	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04
TEENAGE	CLOUD	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02
TEENAGE	VEG. ING	8.33E-04	9.63E-03	2.86E-03	2.86E-03	2.33E-03	0.00E+00
TEENAGE	MEAT ING	1.46E-04	1.69E-03	5.02E-04	5.02E-04	4.09E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.47E-01	6.36E-02	4.34E-02	4.98E-02	4.58E-02	6.79E+00
ADULT	INHAL.	4.06E-01	7.25E-03	1.03E-04	5.44E-03	2.61E-03	6.75E+00
ADULT	GROUND	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04	8.11E-04
ADULT	CLOUD	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02	3.91E-02
ADULT	VEG. ING	1.15E-03	1.33E-02	3.95E-03	3.95E-03	3.22E-03	0.00E+00
ADULT	MEAT ING	2.56E-04	2.95E-03	8.78E-04	8.78E-04	7.15E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.47E-01	6.34E-02	4.49E-02	5.02E-02	4.65E-02	6.79E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 40

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 7 NAME=SE PB

X= 2.3KM, Y= -2.3KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 41

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 7 NAME=SE PB

X= 2.3KM, Y= -2.3KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.08E-01	2.52E-03	2.35E-04	1.31E-02	5.10E-03	8.45E+00
INFANT	GROUND	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04
INFANT	CLOUD	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.39E-01	3.34E-02	3.11E-02	4.40E-02	3.60E-02	8.48E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.07E-01	1.91E-03	1.10E-04	5.83E-03	2.40E-03	8.45E+00
CHILD	GROUND	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04
CHILD	CLOUD	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02
CHILD	VEG. ING	1.93E-04	2.24E-03	6.64E-04	6.64E-04	5.41E-04	0.00E+00
CHILD	MEAT ING	3.45E-05	3.98E-04	1.18E-04	1.18E-04	9.64E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.38E-01	3.54E-02	3.18E-02	3.75E-02	3.39E-02	8.48E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.07E-01	4.72E-03	4.70E-05	2.50E-03	1.20E-03	8.45E+00
TEENAGE	GROUND	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04
TEENAGE	CLOUD	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02
TEENAGE	VEG. ING	3.19E-04	3.68E-03	1.09E-03	1.09E-03	8.91E-04	0.00E+00
TEENAGE	MEAT ING	5.59E-05	6.46E-04	1.92E-04	1.92E-04	1.56E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.39E-01	3.99E-02	3.22E-02	3.47E-02	3.31E-02	8.48E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.07E-01	2.77E-03	3.92E-05	2.08E-03	9.99E-04	8.45E+00
ADULT	GROUND	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04	9.49E-04
ADULT	CLOUD	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02
ADULT	VEG. ING	4.40E-04	5.09E-03	1.51E-03	1.51E-03	1.23E-03	0.00E+00
ADULT	MEAT ING	9.78E-05	1.13E-03	3.36E-04	3.36E-04	2.74E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.39E-01	3.99E-02	3.28E-02	3.48E-02	3.34E-02	8.48E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 42
07/10/07

DURATION IN YRS IS...100.0

NUMBER 8 NAME=SSE PB X= 1.2KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 43

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 8 NAME=SSE PB

X= 1.2KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.77E-01	1.86E-03	1.74E-04	9.68E-03	3.76E-03	7.93E+00
INFANT	GROUND	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04
INFANT	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.01E-01	2.65E-02	2.48E-02	3.44E-02	2.84E-02	7.96E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.76E-01	1.41E-03	8.10E-05	4.30E-03	1.77E-03	7.93E+00
CHILD	GROUND	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04
CHILD	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
CHILD	VEG. ING	1.43E-04	1.65E-03	4.91E-04	4.91E-04	4.00E-04	0.00E+00
CHILD	MEAT ING	2.55E-05	2.94E-04	8.74E-05	8.74E-05	7.12E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.01E-01	2.80E-02	2.53E-02	2.96E-02	2.69E-02	7.96E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.76E-01	3.48E-03	3.47E-05	1.84E-03	8.85E-04	7.93E+00
TEENAGE	GROUND	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04
TEENAGE	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
TEENAGE	VEG. ING	2.35E-04	2.72E-03	8.08E-04	8.08E-04	6.58E-04	0.00E+00
TEENAGE	MEAT ING	4.13E-05	4.77E-04	1.42E-04	1.42E-04	1.16E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.01E-01	3.14E-02	2.57E-02	2.75E-02	2.63E-02	7.96E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.76E-01	2.05E-03	2.89E-05	1.54E-03	7.38E-04	7.93E+00
ADULT	GROUND	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04	8.71E-04
ADULT	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
ADULT	VEG. ING	3.25E-04	3.76E-03	1.12E-03	1.12E-03	9.09E-04	0.00E+00
ADULT	MEAT ING	7.22E-05	8.34E-04	2.48E-04	2.48E-04	2.02E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.01E-01	3.13E-02	2.61E-02	2.76E-02	2.65E-02	7.96E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 44

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 9 NAME=S PB

X= 0.0KM, Y= -2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 45

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 9 NAME=S PB

X= 0.0KM, Y= -2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.54E-01	1.60E-03	1.49E-04	8.30E-03	3.23E-03	7.55E+00
INFANT	GROUND	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04
INFANT	CLOUD	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.77E-01	2.47E-02	2.32E-02	3.14E-02	2.63E-02	7.57E+00
CHILD	INHAL.	4.53E-01	1.21E-03	6.95E-05	3.69E-03	1.52E-03	7.55E+00
CHILD	GROUND	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04
CHILD	CLOUD	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02
CHILD	VEG. ING	1.23E-04	1.42E-03	4.21E-04	4.21E-04	3.43E-04	0.00E+00
CHILD	MEAT ING	2.18E-05	2.52E-04	7.50E-05	7.50E-05	6.11E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.76E-01	2.60E-02	2.36E-02	2.73E-02	2.50E-02	7.57E+00
TEENAGE	INHAL.	4.53E-01	2.99E-03	2.98E-05	1.58E-03	7.60E-04	7.55E+00
TEENAGE	GROUND	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04
TEENAGE	CLOUD	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02
TEENAGE	VEG. ING	2.02E-04	2.33E-03	6.93E-04	6.93E-04	5.65E-04	0.00E+00
TEENAGE	MEAT ING	3.54E-05	4.10E-04	1.22E-04	1.22E-04	9.91E-05	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.77E-01	2.88E-02	2.39E-02	2.55E-02	2.45E-02	7.57E+00
ADULT	INHAL.	4.53E-01	1.76E-03	2.48E-05	1.32E-03	6.33E-04	7.55E+00
ADULT	GROUND	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04	8.32E-04
ADULT	CLOUD	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02
ADULT	VEG. ING	2.79E-04	3.22E-03	9.58E-04	9.58E-04	7.80E-04	0.00E+00
ADULT	MEAT ING	6.19E-05	7.16E-04	2.13E-04	2.13E-04	1.73E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.77E-01	2.88E-02	2.43E-02	2.56E-02	2.47E-02	7.57E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 46

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 10 NAME=SSW PB

X= -1.5KM, Y= -3.6KM, Z= 0.0M, DIST= 3.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 47
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 10 NAME=SSW PB

X= -1.5KM, Y= -3.6KM, Z= 0.0M, DIST= 3.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.00E-01	1.87E-03	1.75E-04	9.72E-03	3.78E-03	3.32E+00
INFANT	GROUND	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04
INFANT	CLOUD	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.16E-01	1.78E-02	1.61E-02	2.57E-02	1.97E-02	3.34E+00
CHILD	INHAL.	2.00E-01	1.42E-03	8.15E-05	4.32E-03	1.78E-03	3.32E+00
CHILD	GROUND	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04
CHILD	CLOUD	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
CHILD	VEG. ING	1.43E-04	1.66E-03	4.93E-04	4.93E-04	4.01E-04	0.00E+00
CHILD	MEAT ING	2.56E-05	2.95E-04	8.78E-05	8.78E-05	7.15E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.16E-01	1.93E-02	1.66E-02	2.08E-02	1.82E-02	3.34E+00
TEENAGE	INHAL.	2.00E-01	3.50E-03	3.49E-05	1.85E-03	8.89E-04	3.32E+00
TEENAGE	GROUND	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04
TEENAGE	CLOUD	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
TEENAGE	VEG. ING	2.36E-04	2.73E-03	8.11E-04	8.11E-04	6.61E-04	0.00E+00
TEENAGE	MEAT ING	4.15E-05	4.79E-04	1.42E-04	1.42E-04	1.16E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.16E-01	2.27E-02	1.69E-02	1.88E-02	1.76E-02	3.34E+00
ADULT	INHAL.	2.00E-01	2.06E-03	2.91E-05	1.54E-03	7.41E-04	3.32E+00
ADULT	GROUND	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04
ADULT	CLOUD	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
ADULT	VEG. ING	3.26E-04	3.77E-03	1.12E-03	1.12E-03	9.13E-04	0.00E+00
ADULT	MEAT ING	7.25E-05	8.38E-04	2.49E-04	2.49E-04	2.03E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.16E-01	2.26E-02	1.73E-02	1.89E-02	1.78E-02	3.34E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 48
07/10/07

DURATION IN YRS IS...100.0

NUMBER 11 NAME=SW PB X= -2.8KM, Y= -2.8KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 49
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 11 NAME=SW PB

X= -2.8KM, Y= -2.8KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.39E-01	1.77E-03	1.65E-04	9.20E-03	3.58E-03	2.31E+00
INFANT	GROUND	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04
INFANT	CLOUD	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.52E-01	1.54E-02	1.37E-02	2.28E-02	1.72E-02	2.32E+00
CHILD	INHAL.	1.39E-01	1.34E-03	7.72E-05	4.09E-03	1.68E-03	2.31E+00
CHILD	GROUND	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04
CHILD	CLOUD	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02
CHILD	VEG. ING	1.36E-04	1.57E-03	4.66E-04	4.66E-04	3.80E-04	0.00E+00
CHILD	MEAT ING	2.42E-05	2.79E-04	8.31E-05	8.31E-05	6.77E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.52E-01	1.68E-02	1.42E-02	1.82E-02	1.57E-02	2.32E+00
TEENAGE	INHAL.	1.39E-01	3.31E-03	3.31E-05	1.75E-03	8.41E-04	2.31E+00
TEENAGE	GROUND	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04
TEENAGE	CLOUD	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02
TEENAGE	VEG. ING	2.24E-04	2.58E-03	7.68E-04	7.68E-04	6.26E-04	0.00E+00
TEENAGE	MEAT ING	3.93E-05	4.54E-04	1.35E-04	1.35E-04	1.10E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.52E-01	1.99E-02	1.45E-02	1.62E-02	1.52E-02	2.32E+00
ADULT	INHAL.	1.39E-01	1.95E-03	2.76E-05	1.46E-03	7.01E-04	2.31E+00
ADULT	GROUND	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04
ADULT	CLOUD	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02
ADULT	VEG. ING	3.09E-04	3.57E-03	1.06E-03	1.06E-03	8.64E-04	0.00E+00
ADULT	MEAT ING	6.86E-05	7.93E-04	2.36E-04	2.36E-04	1.92E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.53E-01	1.99E-02	1.49E-02	1.63E-02	1.53E-02	2.32E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 50
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 12 NAME=WSW PB

X= -3.0KM, Y= -1.3KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 51

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 12 NAME=WSW PB

X= -3.0KM, Y= -1.3KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.02E-01	1.92E-03	1.79E-04	9.99E-03	3.88E-03	3.36E+00
INFANT	GROUND	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04
INFANT	CLOUD	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.21E-01	2.06E-02	1.89E-02	2.87E-02	2.26E-02	3.38E+00
CHILD	INHAL.	2.02E-01	1.46E-03	8.37E-05	4.44E-03	1.83E-03	3.36E+00
CHILD	GROUND	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04
CHILD	CLOUD	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
CHILD	VEG. ING	1.47E-04	1.70E-03	5.06E-04	5.06E-04	4.12E-04	0.00E+00
CHILD	MEAT ING	2.63E-05	3.03E-04	9.02E-05	9.02E-05	7.35E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.21E-01	2.22E-02	1.94E-02	2.37E-02	2.10E-02	3.38E+00
TEENAGE	INHAL.	2.02E-01	3.59E-03	3.59E-05	1.90E-03	9.14E-04	3.36E+00
TEENAGE	GROUND	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04
TEENAGE	CLOUD	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
TEENAGE	VEG. ING	2.43E-04	2.81E-03	8.34E-04	8.34E-04	6.79E-04	0.00E+00
TEENAGE	MEAT ING	4.26E-05	4.93E-04	1.46E-04	1.46E-04	1.19E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.21E-01	2.56E-02	1.97E-02	2.16E-02	2.04E-02	3.38E+00
ADULT	INHAL.	2.02E-01	2.11E-03	2.99E-05	1.59E-03	7.61E-04	3.36E+00
ADULT	GROUND	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04	3.94E-04
ADULT	CLOUD	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02	1.83E-02
ADULT	VEG. ING	3.35E-04	3.88E-03	1.15E-03	1.15E-03	9.38E-04	0.00E+00
ADULT	MEAT ING	7.45E-05	8.61E-04	2.56E-04	2.56E-04	2.08E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.21E-01	2.55E-02	2.01E-02	2.17E-02	2.06E-02	3.38E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 52
07/10/07

DURATION IN YRS IS...100.0

NUMBER 13 NAME=W PB

X= -2.8KM, Y= 0.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 53

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 13 NAME=W PB

X= -2.8KM, Y= 0.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.83E-01	2.42E-03	2.25E-04	1.26E-02	4.88E-03	6.37E+00
INFANT	GROUND	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04
INFANT	CLOUD	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.12E-01	3.15E-02	2.93E-02	4.17E-02	3.40E-02	6.40E+00
CHILD	INHAL.	3.83E-01	1.83E-03	1.05E-04	5.58E-03	2.30E-03	6.37E+00
CHILD	GROUND	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04
CHILD	CLOUD	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02
CHILD	VEG. ING	1.85E-04	2.14E-03	6.36E-04	6.36E-04	5.18E-04	0.00E+00
CHILD	MEAT ING	3.30E-05	3.81E-04	1.13E-04	1.13E-04	9.23E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.12E-01	3.35E-02	3.00E-02	3.55E-02	3.20E-02	6.40E+00
TEENAGE	INHAL.	3.83E-01	4.52E-03	4.50E-05	2.39E-03	1.15E-03	6.37E+00
TEENAGE	GROUND	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04
TEENAGE	CLOUD	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02
TEENAGE	VEG. ING	3.05E-04	3.53E-03	1.05E-03	1.05E-03	8.54E-04	0.00E+00
TEENAGE	MEAT ING	5.36E-05	6.19E-04	1.84E-04	1.84E-04	1.50E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.12E-01	3.78E-02	3.04E-02	3.27E-02	3.13E-02	6.40E+00
ADULT	INHAL.	3.83E-01	2.66E-03	3.75E-05	1.99E-03	9.57E-04	6.37E+00
ADULT	GROUND	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04	7.34E-04
ADULT	CLOUD	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02	2.84E-02
ADULT	VEG. ING	4.21E-04	4.87E-03	1.45E-03	1.45E-03	1.18E-03	0.00E+00
ADULT	MEAT ING	9.36E-05	1.08E-03	3.22E-04	3.22E-04	2.62E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.12E-01	3.77E-02	3.09E-02	3.29E-02	3.15E-02	6.40E+00

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 54
07/10/07

DURATION IN YRS IS...100.0

NUMBER 14 NAME=WNW PB X= -2.2KM, Y= 0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 55

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 14 NAME=WNW PB

X= -2.2KM, Y= 0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.99E-01	2.60E-03	2.42E-04	1.35E-02	5.24E-03	1.16E+01
INFANT	GROUND	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03
INFANT	CLOUD	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.38E-01	4.21E-02	3.97E-02	5.30E-02	4.47E-02	1.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.99E-01	1.97E-03	1.13E-04	5.99E-03	2.47E-03	1.16E+01
CHILD	GROUND	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03
CHILD	CLOUD	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02
CHILD	VEG. ING	1.99E-04	2.30E-03	6.84E-04	6.84E-04	5.57E-04	0.00E+00
CHILD	MEAT ING	3.55E-05	4.10E-04	1.22E-04	1.22E-04	9.92E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.38E-01	4.42E-02	4.04E-02	4.63E-02	4.26E-02	1.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.99E-01	4.85E-03	4.83E-05	2.57E-03	1.23E-03	1.16E+01
TEENAGE	GROUND	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03
TEENAGE	CLOUD	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02
TEENAGE	VEG. ING	3.28E-04	3.79E-03	1.13E-03	1.13E-03	9.17E-04	0.00E+00
TEENAGE	MEAT ING	5.76E-05	6.65E-04	1.98E-04	1.98E-04	1.61E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.38E-01	4.88E-02	4.09E-02	4.34E-02	4.18E-02	1.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.98E-01	2.85E-03	4.03E-05	2.14E-03	1.03E-03	1.16E+01
ADULT	GROUND	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03
ADULT	CLOUD	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02
ADULT	VEG. ING	4.53E-04	5.23E-03	1.56E-03	1.56E-03	1.27E-03	0.00E+00
ADULT	MEAT ING	1.01E-04	1.16E-03	3.46E-04	3.46E-04	2.81E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.39E-01	4.87E-02	4.14E-02	4.35E-02	4.21E-02	1.17E+01

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 56
07/10/07

DURATION IN YRS IS...100.0

NUMBER 15 NAME=NW PB X= -1.4KM, Y= 1.4KM, Z= 0.0M, DIST= 2.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 57
07/10/07

DATA: MRANCH.RAD

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 15 NAME=NW PB

X= -1.4KM, Y= 1.4KM, Z= 0.0M, DIST= 2.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.58E-01	2.04E-03	1.90E-04	1.06E-02	4.12E-03	1.26E+01
INFANT	GROUND	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03
INFANT	CLOUD	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.95E-01	3.92E-02	3.74E-02	4.78E-02	4.13E-02	1.27E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.57E-01	1.55E-03	8.87E-05	4.71E-03	1.94E-03	1.26E+01
CHILD	GROUND	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03
CHILD	CLOUD	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
CHILD	VEG. ING	1.57E-04	1.81E-03	5.38E-04	5.38E-04	4.38E-04	0.00E+00
CHILD	MEAT ING	2.79E-05	3.22E-04	9.58E-05	9.58E-05	7.80E-05	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.95E-01	4.09E-02	3.79E-02	4.25E-02	3.97E-02	1.27E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.57E-01	3.82E-03	3.80E-05	2.02E-03	9.70E-04	1.26E+01
TEENAGE	GROUND	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03
TEENAGE	CLOUD	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
TEENAGE	VEG. ING	2.58E-04	2.98E-03	8.86E-04	8.86E-04	7.21E-04	0.00E+00
TEENAGE	MEAT ING	4.53E-05	5.23E-04	1.55E-04	1.55E-04	1.27E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.95E-01	4.45E-02	3.83E-02	4.03E-02	3.90E-02	1.27E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.57E-01	2.24E-03	3.17E-05	1.68E-03	8.08E-04	1.26E+01
ADULT	GROUND	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03
ADULT	CLOUD	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
ADULT	VEG. ING	3.56E-04	4.12E-03	1.22E-03	1.22E-03	9.96E-04	0.00E+00
ADULT	MEAT ING	7.91E-05	9.14E-04	2.72E-04	2.72E-04	2.21E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.95E-01	4.45E-02	3.87E-02	4.04E-02	3.92E-02	1.27E+01

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 58
07/10/07

DURATION IN YRS IS...100.0

NUMBER 16 NAME=NNW PB X= -1.1KM, Y= 2.6KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 59

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 16 NAME=NNW PB

X= -1.1KM, Y= 2.6KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.28E-01	2.74E-03	2.55E-04	1.42E-02	5.53E-03	7.11E+00
INFANT	GROUND	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04
INFANT	CLOUD	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.59E-01	3.42E-02	3.17E-02	4.56E-02	3.69E-02	7.14E+00
CHILD	INHAL.	4.27E-01	2.08E-03	1.19E-04	6.33E-03	2.60E-03	7.11E+00
CHILD	GROUND	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04
CHILD	CLOUD	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02
CHILD	VEG. ING	2.10E-04	2.43E-03	7.22E-04	7.22E-04	5.88E-04	0.00E+00
CHILD	MEAT ING	3.74E-05	4.33E-04	1.29E-04	1.29E-04	1.05E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.59E-01	3.64E-02	3.24E-02	3.86E-02	3.47E-02	7.14E+00
TEENAGE	INHAL.	4.27E-01	5.12E-03	5.11E-05	2.71E-03	1.30E-03	7.11E+00
TEENAGE	GROUND	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04
TEENAGE	CLOUD	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02
TEENAGE	VEG. ING	3.46E-04	4.00E-03	1.19E-03	1.19E-03	9.68E-04	0.00E+00
TEENAGE	MEAT ING	6.08E-05	7.02E-04	2.09E-04	2.09E-04	1.70E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.59E-01	4.12E-02	3.29E-02	3.55E-02	3.39E-02	7.14E+00
ADULT	INHAL.	4.27E-01	3.01E-03	4.26E-05	2.26E-03	1.09E-03	7.11E+00
ADULT	GROUND	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04	8.17E-04
ADULT	CLOUD	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02
ADULT	VEG. ING	4.78E-04	5.52E-03	1.64E-03	1.64E-03	1.34E-03	0.00E+00
ADULT	MEAT ING	1.06E-04	1.23E-03	3.65E-04	3.65E-04	2.97E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.59E-01	4.12E-02	3.35E-02	3.57E-02	3.41E-02	7.14E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 60

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 17 NAME=Nearest Resident Eas X= 4.5KM, Y= 0.0KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 61

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 17 NAME=Nearest Resident Eas X= 4.5KM, Y= 0.0KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.41E-01	6.83E-03	6.38E-04	3.55E-02	1.38E-02	1.07E+01
INFANT	GROUND	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03
INFANT	CLOUD	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.92E-01	5.74E-02	5.12E-02	8.60E-02	6.44E-02	1.07E+01
CHILD	INHAL.	6.40E-01	5.18E-03	2.98E-04	1.58E-02	6.49E-03	1.07E+01
CHILD	GROUND	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03
CHILD	CLOUD	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
CHILD	VEG. ING	5.23E-04	6.05E-03	1.80E-03	1.80E-03	1.46E-03	0.00E+00
CHILD	MEAT ING	9.32E-05	1.08E-03	3.20E-04	3.20E-04	2.61E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.91E-01	6.29E-02	5.30E-02	6.85E-02	5.88E-02	1.07E+01
TEENAGE	INHAL.	6.40E-01	1.28E-02	1.28E-04	6.75E-03	3.24E-03	1.07E+01
TEENAGE	GROUND	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03
TEENAGE	CLOUD	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
TEENAGE	VEG. ING	8.62E-04	9.96E-03	2.96E-03	2.96E-03	2.41E-03	0.00E+00
TEENAGE	MEAT ING	1.51E-04	1.75E-03	5.20E-04	5.20E-04	4.23E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.92E-01	7.50E-02	5.42E-02	6.08E-02	5.67E-02	1.07E+01
ADULT	INHAL.	6.40E-01	7.50E-03	1.06E-04	5.63E-03	2.70E-03	1.07E+01
ADULT	GROUND	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03	1.25E-03
ADULT	CLOUD	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
ADULT	VEG. ING	1.19E-03	1.38E-02	4.09E-03	4.09E-03	3.33E-03	0.00E+00
ADULT	MEAT ING	2.64E-04	3.06E-03	9.08E-04	9.08E-04	7.40E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.92E-01	7.49E-02	5.57E-02	6.12E-02	5.74E-02	1.07E+01

REGION:
METSET:

Moore Ranch CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD
TIME STEP NUMBER 1,

PAGE 62
07/10/07

DURATION IN YRS IS...100.0

NUMBER 18 NAME=Nearest Resident Sou X= 0.0KM, Y= -13.4KM, Z= 0.0M, DIST= 13.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)
DATA: MRANCH.RAD

PAGE 63
07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 18 NAME=Nearest Resident Sou X= 0.0KM, Y= -13.4KM, Z= 0.0M, DIST= 13.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.45E-02	4.13E-03	3.94E-04	2.14E-02	8.33E-03	1.22E+00
INFANT	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
INFANT	CLOUD	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	8.27E-02	1.24E-02	8.65E-03	2.97E-02	1.66E-02	1.23E+00
CHILD	INHAL.	7.38E-02	3.13E-03	1.84E-04	9.53E-03	3.92E-03	1.22E+00
CHILD	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
CHILD	CLOUD	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03
CHILD	VEG. ING	3.16E-04	3.66E-03	1.09E-03	1.09E-03	8.85E-04	0.00E+00
CHILD	MEAT ING	5.64E-05	6.51E-04	1.94E-04	1.94E-04	1.58E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.24E-02	1.57E-02	9.72E-03	1.91E-02	1.32E-02	1.23E+00
TEENAGE	INHAL.	7.38E-02	7.71E-03	7.88E-05	4.08E-03	1.96E-03	1.22E+00
TEENAGE	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
TEENAGE	CLOUD	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03
TEENAGE	VEG. ING	5.21E-04	6.02E-03	1.79E-03	1.79E-03	1.46E-03	0.00E+00
TEENAGE	MEAT ING	9.15E-05	1.06E-03	3.14E-04	3.14E-04	2.56E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.27E-02	2.30E-02	1.04E-02	1.44E-02	1.19E-02	1.23E+00
ADULT	INHAL.	7.37E-02	4.54E-03	6.56E-05	3.40E-03	1.63E-03	1.22E+00
ADULT	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
ADULT	CLOUD	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03	8.09E-03
ADULT	VEG. ING	7.20E-04	8.32E-03	2.47E-03	2.47E-03	2.01E-03	0.00E+00
ADULT	MEAT ING	1.60E-04	1.85E-03	5.49E-04	5.49E-04	4.47E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.28E-02	2.30E-02	1.13E-02	1.47E-02	1.24E-02	1.23E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 64

DATA: MRANCH.RAD

07/10/07

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 19 NAME=Wright

X= 26.0KM, Y= 18.9KM, Z= 0.0M, DIST= 32.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REGION:
METSET:

Moore Ranch

CODE: MILDOS-AREA (02/97)

PAGE 65
07/10/07

DATA: MRANCH.RAD

TIME STEP NUMBER 1,

DURATION IN YRS IS...100.0

NUMBER 19 NAME=Wright

X= 26.0KM, Y= 18.9KM, Z= 0.0M, DIST= 32.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.72E-02	4.18E-03	4.18E-04	2.17E-02	8.43E-03	4.31E-01
INFANT	GROUND	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05
INFANT	CLOUD	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.07E-02	7.70E-03	3.94E-03	2.52E-02	1.20E-02	4.34E-01
CHILD	INHAL.	2.65E-02	3.17E-03	1.95E-04	9.64E-03	3.97E-03	4.31E-01
CHILD	GROUND	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05
CHILD	CLOUD	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03
CHILD	VEG. ING	3.20E-04	3.70E-03	1.10E-03	1.10E-03	8.95E-04	0.00E+00
CHILD	MEAT ING	5.70E-05	6.59E-04	1.96E-04	1.96E-04	1.59E-04	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.04E-02	1.10E-02	5.01E-03	1.45E-02	8.54E-03	4.34E-01
TEENAGE	INHAL.	2.65E-02	7.80E-03	8.34E-05	4.13E-03	1.98E-03	4.31E-01
TEENAGE	GROUND	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05
TEENAGE	CLOUD	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03
TEENAGE	VEG. ING	5.27E-04	6.09E-03	1.81E-03	1.81E-03	1.47E-03	0.00E+00
TEENAGE	MEAT ING	9.25E-05	1.07E-03	3.18E-04	3.18E-04	2.59E-04	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.07E-02	1.85E-02	5.73E-03	9.78E-03	7.24E-03	4.34E-01
ADULT	INHAL.	2.64E-02	4.59E-03	6.95E-05	3.44E-03	1.65E-03	4.31E-01
ADULT	GROUND	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05
ADULT	CLOUD	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03
ADULT	VEG. ING	7.28E-04	8.41E-03	2.50E-03	2.50E-03	2.04E-03	0.00E+00
ADULT	MEAT ING	1.62E-04	1.87E-03	5.55E-04	5.55E-04	4.52E-04	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.08E-02	1.84E-02	6.65E-03	1.00E-02	7.66E-03	4.34E-01

Program execution time = 1.43 seconds