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*****************************************************
PERFUM OUTPUT FILE
*****************************************************

VERSION 3.0 - COMPILED ON Jul 08 2019
RUN FINISHED ON: 05/29/2020 AT 11:23

*****************************************************
DESCRIPTION OF THE MODEL RUN
*****************************************************
SCENARIO TYPE: POLY
DISPERSION MODEL: ISCST3

SOURCE OF FLUX DATA:
OUTPUT TYPE: CONC
FIELD SIZE (ACRES):   199.94
LENGTH IN X-DIRECTION (METERS):   899.70
LENGTH IN Y-DIRECTIONS (METERS):   899.70
RECEPTOR HEIGHT (METERS):   0.0
GRID DENSITY: FINE

METEOROLOGICAL DATA INFORMATION
SURFACE STATION ID: 23042
UPPER AIR STATION ID: 23047
ISCST3 METEOROLOGICAL FILE: C:/models/PERFUM32/metfiles/lubbock.met

*****************************************************
TOXICITY INPUTS
*****************************************************

POINT OF DEPARTURE (UG/M^3) :     138.0
UNCERTAINTY FACTOR:     1.0
THRESHOLD (UG/M^3):   138.0

*****************************************************
EXPOSURE ASSUMPTIONS
*****************************************************

EXPOSURE AVERAGING PERIOD (HOURS): 24
DISTRIBUTION AVERAGING PERIOD (HOURS): 24

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TIME ASSUMPTIONS
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STARTING YEAR: 1987

ENDING YEAR: 1991

APPLICATION START HOUR: 11

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FUMIGANT FLUX PROFILES

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FLUX RATES FOR DAY NUMBER: 1

| HOUR | FLUX RATE |
|---|---|
| 1 | 0.4250E-03 |
| 2 | 0.4250E-03 |
| 3 | 0.4250E-03 |
| 4 | 0.4250E-03 |
| 5 | 0.4250E-03 |
| 6 | 0.4250E-03 |
| 7 | 0.4250E-03 |
| 8 | 0.4250E-03 |
| 9 | 0.4230E-03 |
| 10 | 0.1061E-02 |
| 11 | 0.2203E-02 |
| 12 | 0.2203E-02 |
| 13 | 0.2203E-02 |
| 14 | 0.2203E-02 |
| 15 | 0.2453E-02 |
| 16 | 0.2453E-02 |
| 17 | 0.2453E-02 |
| 18 | 0.4250E-03 |
| 19 | 0.4250E-03 |
| 20 | 0.4250E-03 |
| 21 | 0.4250E-03 |
| 22 | 0.4250E-03 |
| 23 | 0.4250E-03 |
| 24 | 0.4250E-03 |

FLUX RATES FOR DAY NUMBER: 2

| HOUR | FLUX RATE |
|---|---|
| 1 | 0.7900E-04 |
| 2 | 0.7900E-04 |
| 3 | 0.7900E-04 |
| 4 | 0.7900E-04 |
| 5 | 0.7900E-04 |
| 6 | 0.7900E-04 |
| 7 | 0.7900E-04 |
| 8 | 0.7900E-04 |
| 9 | 0.3790E-03 |
| 10 | 0.8840E-03 |
| 11 | 0.1061E-02 |
| 12 | 0.1061E-02 |
| 13 | 0.1061E-02 |
| 14 | 0.1061E-02 |
| 15 | 0.1061E-02 |
| 16 | 0.1061E-02 |
| 17 | 0.1061E-02 |
| 18 | 0.7900E-04 |
| 19 | 0.7900E-04 |
| 20 | 0.7900E-04 |
| 21 | 0.7900E-04 |
| 22 | 0.7900E-04 |
| 23 | 0.7900E-04 |
| 24 | 0.7900E-04 |

** All flux rates in micrograms per meter squared per second

----- NUMBER OF PERIODS WITH BUFFER LENGTH ESTIMATES -----

| PERIOD | VALID PERIODS |
|---|---|
| 1 | 914 |

------- DEFINTION OF FLUX AVERAGING PERIODS ----------

PERIOD 1: HOURS 11 TO 10

--------- PERFUM MODEL RESULTS -----------

CONCENTRATION DISTRIBUTION RESULTS FOR RINGS AROUND THE FIELD

| RING NO. | DISTANCE (METERS) |
|---|---|
| 1 | 1. |
| 2 | 5. |
| 3 | 10. |
| 4 | 15. |
| 5 | 25. |
| 6 | 50. |
| 7 | 100. |
| 8 | 150. |
| 9 | 200. |
| 10 | 300. |
| 11 | 400. |
| 12 | 500. |
| 13 | 750. |
| 14 | 1000. |
| 15 | 1500. |
| 16 | 2500. |

CONCENTRATION DISTRIBUTION FOR AN APPLICATION RATE OF 0.5000 FOR FLUX PROFILE DAY NO. 1 FOR AVERAGING PERIOD 1

| %tile | Ring1 | Ring2 | Ring3 | Ring4 | Ring5 | Ring6 | Ring7 | Ring8 | Ring9 | Ring10 | Ring11 | Ring12 | Ring13 | Ring14 | Ring15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.12E-26 | 0.94E-34 | 0.17E-37 | 0.15E-37 | 0.17E-37 | 0.43E-37 | 0.16E-37 | 0.12E-37 | 0.62E-37 | 0.14E-37 | 0.13E-37 | 0.12E-37 | 0.12E-37 | 0.17E-37 | 0.0 |
| 2 | 0.27E-26 | 0.10E-33 | 0.14E-36 | 0.14E-35 | 0.17E-37 | 0.58E-37 | 0.22E-37 | 0.12E-37 | 0.64E-36 | 0.20E-37 | 0.19E-37 | 0.67E-37 | 0.32E-37 | 0.19E-37 | 0.0 |
| 3 | 0.45E-22 | 0.87E-31 | 0.86E-33 | 0.14E-35 | 0.13E-33 | 0.63E-37 | 0.24E-37 | 0.22E-37 | 0.65E-36 | 0.60E-36 | 0.20E-37 | 0.69E-37 | 0.64E-37 | 0.35E-37 | 0.0 |
| 4 | 0.58E-18 | 0.87E-31 | 0.59E-29 | 0.14E-32 | 0.22E-33 | 0.30E-36 | 0.32E-37 | 0.23E-37 | 0.16E-34 | 0.60E-36 | 0.29E-37 | 0.69E-37 | 0.93E-37 | 0.60E-37 | 0.0 |
| 5 | 0.67E-14 | 0.15E-29 | 0.13E-28 | 0.12E-29 | 0.70E-30 | 0.37E-36 | 0.75E-36 | 0.28E-37 | 0.16E-34 | 0.60E-36 | 0.36E-36 | 0.80E-37 | 0.69E-36 | 0.65E-37 | 0.13E-37 |
| 6 | 0.57E-09 | 0.20E-25 | 0.23E-24 | 0.12E-24 | 0.12E-25 | 0.12E-32 | 0.44E-35 | 0.36E-37 | 0.16E-34 | 0.21E-34 | 0.36E-36 | 0.88E-37 | 0.70E-36 | 0.67E-37 | 0.18E-37 |
| 7 | 0.35E-06 | 0.21E-21 | 0.24E-24 | 0.13E-24 | 0.12E-25 | 0.13E-32 | 0.44E-35 | 0.45E-37 | 0.16E-34 | 0.21E-34 | 0.37E-36 | 0.12E-34 | 0.71E-36 | 0.82E-36 | 0.99E-37 |
| 8 | 0.34E-05 | 0.17E-20 | 0.12E-21 | 0.35E-22 | 0.57E-24 | 0.19E-30 | 0.36E-34 | 0.49E-37 | 0.16E-34 | | | | | | |

0.21E-34 0.38E-36 0.12E-34 0.71E-36 0.85E-36 0.11E-36

9 0.12E-04 0.13E-16 0.12E-17 0.32E-18 0.51E-20 0.14E-26 0.50E-30 0.65E-34 0.16E-34
0.21E-34 0.13E-34 0.12E-34 0.10E-35 0.26E-35 0.27E-36

10 0.31E-04 0.12E-12 0.85E-14 0.74E-16 0.53E-16 0.58E-25 0.50E-30 0.14E-32 0.17E-34
0.21E-34 0.13E-34 0.12E-34 0.11E-35 0.26E-35 0.13E-35

11 0.64E-04 0.84E-09 0.51E-10 0.32E-10 0.21E-11 0.47E-19 0.79E-30 0.99E-32 0.17E-34
0.21E-34 0.13E-34 0.12E-34 0.11E-35 0.27E-35 0.14E-35

12 0.11E-03 0.33E-06 0.38E-07 0.19E-07 0.31E-08 0.92E-18 0.22E-25 0.22E-27 0.48E-32
0.32E-32 0.21E-34 0.54E-34 0.11E-35 0.11E-34 0.14E-35

13 0.17E-03 0.34E-05 0.58E-06 0.92E-07 0.63E-08 0.30E-13 0.55E-21 0.11E-26 0.11E-27
0.34E-32 0.21E-34 0.54E-34 0.11E-35 0.11E-34 0.14E-35

14 0.23E-03 0.21E-04 0.66E-05 0.26E-05 0.40E-06 0.67E-09 0.10E-17 0.93E-23 0.11E-27
0.20E-29 0.22E-32 0.54E-34 0.11E-35 0.11E-34 0.14E-35

15 0.30E-03 0.61E-04 0.27E-04 0.13E-04 0.33E-05 0.76E-07 0.44E-13 0.91E-19 0.25E-26
0.20E-29 0.96E-32 0.64E-34 0.11E-35 0.11E-34 0.14E-35

16 0.38E-03 0.12E-03 0.64E-04 0.38E-04 0.14E-04 0.93E-06 0.30E-09 0.50E-17 0.18E-22
0.20E-29 0.48E-28 0.10E-30 0.11E-35 0.11E-34 0.26E-35

17 0.47E-03 0.19E-03 0.11E-03 0.74E-04 0.35E-04 0.47E-05 0.31E-07 0.18E-11 0.36E-18
0.22E-29 0.49E-28 0.14E-30 0.11E-35 0.12E-34 0.26E-35

18 0.57E-03 0.27E-03 0.17E-03 0.12E-03 0.64E-04 0.14E-04 0.32E-06 0.52E-09 0.51E-14
0.87E-27 0.66E-28 0.16E-30 0.11E-35 0.49E-34 0.27E-35

19 0.67E-03 0.35E-03 0.24E-03 0.18E-03 0.10E-03 0.29E-04 0.14E-05 0.27E-07 0.34E-10
0.82E-23 0.67E-28 0.16E-30 0.29E-35 0.49E-34 0.77E-35

20 0.79E-03 0.43E-03 0.30E-03 0.23E-03 0.15E-03 0.52E-04 0.45E-05 0.19E-06 0.41E-08
0.76E-19 0.76E-28 0.14E-29 0.12E-31 0.49E-34 0.77E-35

21 0.91E-03 0.52E-03 0.37E-03 0.29E-03 0.20E-03 0.81E-04 0.11E-04 0.86E-06 0.32E-07
0.57E-15 0.45E-24 0.16E-27 0.21E-31 0.49E-34 0.77E-35

22 0.10E-02 0.61E-03 0.44E-03 0.35E-03 0.24E-03 0.11E-03 0.23E-04 0.29E-05 0.21E-06
0.18E-10 0.49E-20 0.16E-27 0.21E-31 0.27E-32 0.77E-35

23 0.12E-02 0.71E-03 0.52E-03 0.42E-03 0.30E-03 0.15E-03 0.40E-04 0.76E-05 0.86E-06
0.18E-08 0.23E-15 0.16E-26 0.30E-30 0.27E-32 0.77E-35

24 0.13E-02 0.80E-03 0.61E-03 0.49E-03 0.35E-03 0.19E-03 0.62E-04 0.16E-04 0.27E-05
0.22E-07 0.17E-11 0.10E-22 0.37E-30 0.94E-32 0.77E-35

25 0.14E-02 0.91E-03 0.69E-03 0.57E-03 0.41E-03 0.23E-03 0.86E-04 0.28E-04 0.67E-05
0.12E-06 0.23E-09 0.23E-17 0.61E-30 0.94E-32 0.82E-34

26 0.16E-02 0.10E-02 0.78E-03 0.64E-03 0.48E-03 0.27E-03 0.11E-03 0.44E-04 0.14E-04
0.48E-06 0.57E-08 0.37E-12 0.34E-26 0.37E-31 0.99E-34

27 0.17E-02 0.11E-02 0.86E-03 0.72E-03 0.54E-03 0.32E-03 0.14E-03 0.63E-04 0.24E-04
0.15E-05 0.32E-07 0.86E-10 0.39E-26 0.37E-31 0.99E-34

28 0.19E-02 0.12E-02 0.95E-03 0.80E-03 0.61E-03 0.37E-03 0.17E-03 0.83E-04 0.37E-04
0.38E-05 0.15E-06 0.32E-08 0.52E-24 0.20E-30 0.10E-33

29 0.20E-02 0.14E-02 0.10E-02 0.88E-03 0.68E-03 0.42E-03 0.20E-03 0.10E-03 0.52E-04
0.79E-05 0.51E-06 0.17E-07 0.61E-20 0.24E-26 0.32E-31

30 0.22E-02 0.15E-02 0.12E-02 0.97E-03 0.74E-03 0.47E-03 0.23E-03 0.13E-03 0.69E-04
0.14E-04 0.15E-05 0.83E-07 0.13E-15 0.24E-26 0.23E-27

31 0.23E-02 0.16E-02 0.13E-02 0.11E-02 0.82E-03 0.52E-03 0.27E-03 0.15E-03 0.87E-04
0.23E-04 0.34E-05 0.27E-06 0.23E-11 0.53E-26 0.43E-23

32 0.25E-02 0.17E-02 0.14E-02 0.12E-02 0.90E-03 0.57E-03 0.30E-03 0.18E-03 0.11E-03
0.34E-04 0.68E-05 0.81E-06 0.34E-09 0.51E-22 0.50E-23

33 0.26E-02 0.19E-02 0.15E-02 0.13E-02 0.98E-03 0.63E-03 0.34E-03 0.21E-03 0.13E-03
0.47E-04 0.12E-04 0.20E-05 0.60E-08 0.36E-17 0.69E-23

34 0.28E-02 0.20E-02 0.16E-02 0.14E-02 0.11E-02 0.69E-03 0.38E-03 0.24E-03 0.15E-03
0.61E-04 0.19E-04 0.42E-05 0.27E-07 0.58E-12 0.69E-23

35 0.30E-02 0.21E-02 0.17E-02 0.15E-02 0.12E-02 0.75E-03 0.42E-03 0.27E-03 0.18E-03
0.77E-04 0.29E-04 0.79E-05 0.92E-07 0.14E-09 0.69E-23

36 0.31E-02 0.23E-02 0.18E-02 0.16E-02 0.12E-02 0.82E-03 0.46E-03 0.30E-03 0.20E-03
0.93E-04 0.40E-04 0.13E-04 0.30E-06 0.35E-08 0.21E-21

37 0.33E-02 0.24E-02 0.19E-02 0.17E-02 0.13E-02 0.89E-03 0.51E-03 0.33E-03 0.23E-03
0.11E-03 0.52E-04 0.21E-04 0.80E-06 0.17E-07 0.57E-18

38 0.34E-02 0.25E-02 0.21E-02 0.18E-02 0.14E-02 0.95E-03 0.55E-03 0.36E-03 0.25E-03
0.13E-03 0.66E-04 0.30E-04 0.19E-05 0.65E-07 0.11E-12

39 0.36E-02 0.27E-02 0.22E-02 0.19E-02 0.15E-02 0.10E-02 0.60E-03 0.40E-03 0.28E-03
0.15E-03 0.80E-04 0.41E-04 0.41E-05 0.20E-06 0.64E-10

40 0.38E-02 0.28E-02 0.23E-02 0.20E-02 0.16E-02 0.11E-02 0.65E-03 0.44E-03 0.31E-03
0.17E-03 0.96E-04 0.54E-04 0.76E-05 0.58E-06 0.25E-08

41 0.40E-02 0.29E-02 0.24E-02 0.21E-02 0.17E-02 0.12E-02 0.71E-03 0.48E-03 0.34E-03
0.19E-03 0.11E-03 0.66E-04 0.13E-04 0.14E-05 0.13E-07

42 0.41E-02 0.31E-02 0.25E-02 0.22E-02 0.18E-02 0.12E-02 0.75E-03 0.52E-03 0.37E-03
0.21E-03 0.13E-03 0.79E-04 0.20E-04 0.30E-05 0.50E-07

43 0.43E-02 0.32E-02 0.26E-02 0.23E-02 0.19E-02 0.13E-02 0.80E-03 0.56E-03 0.41E-03
0.24E-03 0.15E-03 0.93E-04 0.28E-04 0.56E-05 0.14E-06

44 0.44E-02 0.33E-02 0.28E-02 0.24E-02 0.20E-02 0.14E-02 0.86E-03 0.60E-03 0.44E-03
0.26E-03 0.16E-03 0.11E-03 0.37E-04 0.95E-05 0.37E-06

45 0.46E-02 0.35E-02 0.29E-02 0.25E-02 0.21E-02 0.15E-02 0.92E-03 0.64E-03 0.47E-03
0.28E-03 0.18E-03 0.12E-03 0.46E-04 0.15E-04 0.87E-06

46 0.48E-02 0.36E-02 0.30E-02 0.26E-02 0.22E-02 0.16E-02 0.98E-03 0.69E-03 0.51E-03
0.31E-03 0.20E-03 0.14E-03 0.56E-04 0.21E-04 0.19E-05

47 0.49E-02 0.38E-02 0.31E-02 0.28E-02 0.23E-02 0.16E-02 0.10E-02 0.74E-03 0.55E-03
0.34E-03 0.23E-03 0.16E-03 0.66E-04 0.28E-04 0.35E-05

48 0.51E-02 0.39E-02 0.33E-02 0.29E-02 0.24E-02 0.17E-02 0.11E-02 0.79E-03 0.59E-03
0.37E-03 0.25E-03 0.17E-03 0.78E-04 0.36E-04 0.60E-05

49 0.53E-02 0.41E-02 0.34E-02 0.30E-02 0.25E-02 0.18E-02 0.12E-02 0.84E-03 0.63E-03
0.40E-03 0.27E-03 0.19E-03 0.89E-04 0.45E-04 0.95E-05

50 0.55E-02 0.43E-02 0.36E-02 0.31E-02 0.26E-02 0.19E-02 0.12E-02 0.89E-03 0.68E-03
0.43E-03 0.29E-03 0.21E-03 0.10E-03 0.53E-04 0.14E-04

51 0.56E-02 0.44E-02 0.37E-02 0.33E-02 0.27E-02 0.20E-02 0.13E-02 0.94E-03 0.72E-03
0.46E-03 0.31E-03 0.23E-03 0.11E-03 0.62E-04 0.19E-04

52 0.58E-02 0.46E-02 0.38E-02 0.34E-02 0.28E-02 0.21E-02 0.13E-02 0.99E-03 0.76E-03
0.49E-03 0.34E-03 0.25E-03 0.13E-03 0.72E-04 0.25E-04

53 0.60E-02 0.47E-02 0.40E-02 0.35E-02 0.30E-02 0.22E-02 0.14E-02 0.10E-02 0.81E-03
0.52E-03 0.37E-03 0.27E-03 0.14E-03 0.82E-04 0.32E-04

54 0.62E-02 0.49E-02 0.41E-02 0.37E-02 0.31E-02 0.23E-02 0.15E-02 0.11E-02 0.85E-03
0.56E-03 0.39E-03 0.29E-03 0.15E-03 0.92E-04 0.38E-04

55 0.63E-02 0.51E-02 0.43E-02 0.38E-02 0.32E-02 0.24E-02 0.16E-02 0.12E-02 0.90E-03
0.60E-03 0.42E-03 0.31E-03 0.17E-03 0.10E-03 0.45E-04

56 0.65E-02 0.52E-02 0.44E-02 0.39E-02 0.33E-02 0.24E-02 0.16E-02 0.12E-02 0.95E-03
0.63E-03 0.45E-03 0.34E-03 0.18E-03 0.11E-03 0.51E-04

57 0.67E-02 0.54E-02 0.46E-02 0.41E-02 0.34E-02 0.26E-02 0.17E-02 0.13E-02 0.10E-02
0.67E-03 0.48E-03 0.36E-03 0.20E-03 0.12E-03 0.59E-04

58 0.69E-02 0.56E-02 0.47E-02 0.42E-02 0.36E-02 0.27E-02 0.18E-02 0.13E-02 0.11E-02
0.71E-03 0.51E-03 0.38E-03 0.22E-03 0.14E-03 0.65E-04

59 0.71E-02 0.57E-02 0.49E-02 0.44E-02 0.37E-02 0.28E-02 0.19E-02 0.14E-02 0.11E-02
0.75E-03 0.54E-03 0.41E-03 0.23E-03 0.15E-03 0.73E-04

60 0.72E-02 0.59E-02 0.51E-02 0.45E-02 0.38E-02 0.29E-02 0.20E-02 0.15E-02 0.12E-02
0.79E-03 0.58E-03 0.44E-03 0.25E-03 0.16E-03 0.80E-04

61 0.74E-02 0.61E-02 0.52E-02 0.47E-02 0.40E-02 0.30E-02 0.21E-02 0.15E-02 0.12E-02
0.84E-03 0.61E-03 0.47E-03 0.27E-03 0.17E-03 0.88E-04

62 0.76E-02 0.63E-02 0.54E-02 0.48E-02 0.41E-02 0.31E-02 0.21E-02 0.16E-02 0.13E-02
0.88E-03 0.65E-03 0.50E-03 0.29E-03 0.19E-03 0.97E-04

63 0.78E-02 0.64E-02 0.55E-02 0.50E-02 0.42E-02 0.32E-02 0.22E-02 0.17E-02 0.13E-02
0.92E-03 0.68E-03 0.53E-03 0.31E-03 0.20E-03 0.11E-03

64 0.80E-02 0.66E-02 0.57E-02 0.51E-02 0.44E-02 0.33E-02 0.23E-02 0.18E-02 0.14E-02
0.97E-03 0.72E-03 0.56E-03 0.33E-03 0.22E-03 0.12E-03

65 0.82E-02 0.68E-02 0.58E-02 0.53E-02 0.45E-02 0.34E-02 0.24E-02 0.18E-02 0.15E-02
0.10E-02 0.76E-03 0.59E-03 0.35E-03 0.24E-03 0.13E-03

66 0.84E-02 0.69E-02 0.60E-02 0.54E-02 0.46E-02 0.35E-02 0.25E-02 0.19E-02 0.15E-02
0.11E-02 0.80E-03 0.62E-03 0.38E-03 0.25E-03 0.14E-03

67 0.85E-02 0.71E-02 0.62E-02 0.56E-02 0.48E-02 0.37E-02 0.26E-02 0.20E-02 0.16E-02
0.11E-02 0.84E-03 0.65E-03 0.40E-03 0.27E-03 0.15E-03

68 0.87E-02 0.73E-02 0.63E-02 0.57E-02 0.49E-02 0.38E-02 0.27E-02 0.21E-02 0.17E-02
0.12E-02 0.88E-03 0.69E-03 0.42E-03 0.29E-03 0.16E-03

69 0.89E-02 0.75E-02 0.65E-02 0.59E-02 0.51E-02 0.39E-02 0.28E-02 0.21E-02 0.17E-02
0.12E-02 0.93E-03 0.73E-03 0.45E-03 0.31E-03 0.17E-03

70 0.91E-02 0.77E-02 0.67E-02 0.60E-02 0.52E-02 0.40E-02 0.29E-02 0.22E-02 0.18E-02
0.13E-02 0.98E-03 0.77E-03 0.47E-03 0.33E-03 0.19E-03

71 0.93E-02 0.79E-02 0.68E-02 0.62E-02 0.54E-02 0.42E-02 0.30E-02 0.23E-02 0.19E-02
0.14E-02 0.10E-02 0.81E-03 0.50E-03 0.35E-03 0.20E-03

72 0.95E-02 0.81E-02 0.70E-02 0.64E-02 0.55E-02 0.43E-02 0.31E-02 0.24E-02 0.20E-02
0.14E-02 0.11E-02 0.85E-03 0.53E-03 0.37E-03 0.21E-03

73 0.97E-02 0.82E-02 0.72E-02 0.65E-02 0.57E-02 0.44E-02 0.32E-02 0.25E-02 0.21E-02
0.15E-02 0.11E-02 0.89E-03 0.56E-03 0.39E-03 0.23E-03

74 0.98E-02 0.84E-02 0.74E-02 0.67E-02 0.58E-02 0.46E-02 0.33E-02 0.26E-02 0.21E-02
0.15E-02 0.12E-02 0.94E-03 0.59E-03 0.41E-03 0.24E-03

75 0.10E-01 0.86E-02 0.75E-02 0.69E-02 0.60E-02 0.47E-02 0.34E-02 0.27E-02 0.22E-02
0.16E-02 0.12E-02 0.98E-03 0.62E-03 0.44E-03 0.26E-03

76 0.10E-01 0.88E-02 0.77E-02 0.70E-02 0.61E-02 0.48E-02 0.35E-02 0.28E-02 0.23E-02
0.17E-02 0.13E-02 0.10E-02 0.66E-03 0.46E-03 0.27E-03

77 0.10E-01 0.90E-02 0.79E-02 0.72E-02 0.63E-02 0.50E-02 0.36E-02 0.29E-02 0.24E-02
0.17E-02 0.13E-02 0.11E-02 0.69E-03 0.49E-03 0.29E-03

78 0.11E-01 0.92E-02 0.81E-02 0.74E-02 0.65E-02 0.51E-02 0.38E-02 0.30E-02 0.25E-02
0.18E-02 0.14E-02 0.11E-02 0.72E-03 0.52E-03 0.31E-03

79 0.11E-01 0.94E-02 0.83E-02 0.75E-02 0.66E-02 0.53E-02 0.39E-02 0.31E-02 0.26E-02
0.19E-02 0.15E-02 0.12E-02 0.76E-03 0.54E-03 0.33E-03

80 0.11E-01 0.96E-02 0.84E-02 0.77E-02 0.68E-02 0.54E-02 0.40E-02 0.32E-02 0.27E-02
0.20E-02 0.15E-02 0.12E-02 0.80E-03 0.57E-03 0.35E-03

81 0.11E-01 0.98E-02 0.86E-02 0.79E-02 0.69E-02 0.56E-02 0.41E-02 0.33E-02 0.28E-02
0.21E-02 0.16E-02 0.13E-02 0.85E-03 0.61E-03 0.37E-03

82 0.12E-01 0.10E-01 0.88E-02 0.81E-02 0.71E-02 0.57E-02 0.43E-02 0.34E-02 0.29E-02
0.21E-02 0.17E-02 0.14E-02 0.89E-03 0.64E-03 0.39E-03

83 0.12E-01 0.10E-01 0.91E-02 0.83E-02 0.73E-02 0.58E-02 0.44E-02 0.36E-02 0.30E-02 0.22E-02 0.18E-02 0.14E-02 0.94E-03 0.68E-03 0.41E-03

84 0.12E-01 0.10E-01 0.93E-02 0.85E-02 0.75E-02 0.60E-02 0.45E-02 0.37E-02 0.31E-02 0.23E-02 0.18E-02 0.15E-02 0.99E-03 0.71E-03 0.44E-03

85 0.12E-01 0.11E-01 0.95E-02 0.87E-02 0.77E-02 0.62E-02 0.47E-02 0.38E-02 0.32E-02 0.24E-02 0.19E-02 0.16E-02 0.10E-02 0.75E-03 0.46E-03

86 0.13E-01 0.11E-01 0.97E-02 0.89E-02 0.79E-02 0.64E-02 0.48E-02 0.39E-02 0.33E-02 0.25E-02 0.20E-02 0.16E-02 0.11E-02 0.79E-03 0.49E-03

87 0.13E-01 0.11E-01 0.99E-02 0.92E-02 0.81E-02 0.66E-02 0.50E-02 0.41E-02 0.35E-02 0.26E-02 0.21E-02 0.17E-02 0.11E-02 0.84E-03 0.52E-03

88 0.13E-01 0.11E-01 0.10E-01 0.94E-02 0.83E-02 0.68E-02 0.51E-02 0.42E-02 0.36E-02 0.27E-02 0.22E-02 0.18E-02 0.12E-02 0.88E-03 0.55E-03

89 0.13E-01 0.12E-01 0.10E-01 0.96E-02 0.85E-02 0.70E-02 0.53E-02 0.44E-02 0.37E-02 0.28E-02 0.23E-02 0.19E-02 0.13E-02 0.93E-03 0.58E-03

90 0.14E-01 0.12E-01 0.11E-01 0.99E-02 0.88E-02 0.72E-02 0.55E-02 0.45E-02 0.39E-02 0.30E-02 0.24E-02 0.20E-02 0.13E-02 0.98E-03 0.62E-03

91 0.14E-01 0.12E-01 0.11E-01 0.10E-01 0.90E-02 0.74E-02 0.57E-02 0.47E-02 0.40E-02 0.31E-02 0.25E-02 0.21E-02 0.14E-02 0.10E-02 0.65E-03

92 0.15E-01 0.13E-01 0.11E-01 0.10E-01 0.93E-02 0.76E-02 0.59E-02 0.49E-02 0.41E-02 0.32E-02 0.26E-02 0.21E-02 0.15E-02 0.11E-02 0.69E-03

93 0.15E-01 0.13E-01 0.12E-01 0.11E-01 0.97E-02 0.79E-02 0.61E-02 0.50E-02 0.43E-02 0.33E-02 0.27E-02 0.22E-02 0.15E-02 0.12E-02 0.74E-03

94 0.15E-01 0.14E-01 0.12E-01 0.11E-01 0.10E-01 0.82E-02 0.64E-02 0.53E-02 0.45E-02 0.35E-02 0.28E-02 0.24E-02 0.16E-02 0.12E-02 0.79E-03

95 0.16E-01 0.14E-01 0.13E-01 0.12E-01 0.10E-01 0.86E-02 0.66E-02 0.55E-02 0.47E-02 0.37E-02 0.30E-02 0.25E-02 0.18E-02 0.13E-02 0.85E-03

96 0.17E-01 0.15E-01 0.13E-01 0.12E-01 0.11E-01 0.90E-02 0.70E-02 0.58E-02 0.50E-02 0.39E-02 0.32E-02 0.27E-02 0.19E-02 0.14E-02 0.92E-03

97 0.17E-01 0.16E-01 0.14E-01 0.13E-01 0.11E-01 0.95E-02 0.74E-02 0.62E-02 0.53E-02 0.42E-02 0.34E-02 0.29E-02 0.20E-02 0.16E-02 0.10E-02

98 0.19E-01 0.17E-01 0.15E-01 0.14E-01 0.12E-01 0.10E-01 0.80E-02 0.67E-02 0.58E-02 0.46E-02 0.38E-02 0.32E-02 0.23E-02 0.18E-02 0.12E-02

99 0.21E-01 0.19E-01 0.17E-01 0.16E-01 0.14E-01 0.12E-01 0.93E-02 0.78E-02 0.67E-02 0.55E-02 0.46E-02 0.40E-02 0.29E-02 0.23E-02 0.15E-02

100 0.36E-01 0.31E-01 0.28E-01 0.26E-01 0.23E-01 0.19E-01 0.15E-01 0.13E-01 0.11E-01 0.11E-01 0.99E-02 0.95E-02 0.87E-02 0.81E-02 0.74E-02

%tile Ring16 Ring17 Ring18 Ring19 Ring20 Ring21 Ring22 Ring23 Ring24 Ring25 Ring26 Ring27 Ring28 Ring29 Ring30

---

1 0.0

2 0.0

3 0.0

4 0.0

5 0.0

6 0.12E-37

7 0.19E-37

8 0.21E-37

9 0.32E-37

10 0.38E-37

11 0.46E-37

12 0.91E-37

13 0.10E-36

14 0.10E-35

15 0.10E-35

16 0.10E-35

17 0.10E-35

18 0.11E-35

19 0.12E-35

20 0.16E-35

21 0.16E-35

22 0.11E-34

23 0.11E-34

24 0.33E-34

25 0.33E-34

26 0.36E-34

27 0.48E-34

28 0.48E-34

29 0.48E-34

30 0.48E-34

31 0.48E-34

32 0.68E-33

33 0.51E-29

34 0.45E-25

35 0.10E-24

36 0.11E-24

37 0.11E-24

38 0.11E-24

39 0.11E-24

40 0.29E-23

41 0.26E-19

42 0.58E-15

43 0.11E-10

44 0.88E-09

45 0.58E-08

46 0.20E-07

47 0.60E-07

48 0.16E-06

49 0.41E-06

50 0.86E-06

51 0.17E-05

52 0.29E-05

53 0.49E-05

54 0.74E-05

55 0.11E-04

56 0.14E-04

57 0.18E-04

58 0.21E-04

59 0.26E-04

60 0.29E-04

61 0.33E-04

62 0.37E-04

63 0.42E-04

64 0.47E-04

65 0.52E-04

66 0.58E-04

67 0.64E-04

68 0.71E-04

69 0.77E-04

70 0.84E-04

71 0.91E-04

72 0.98E-04

73 0.11E-03

74 0.11E-03

75 0.12E-03

76 0.13E-03

77 0.14E-03

78 0.15E-03

79 0.16E-03

80 0.17E-03

81 0.19E-03

82 0.20E-03

83 0.21E-03

84 0.23E-03

85 0.24E-03

86 0.25E-03

87 0.27E-03

88 0.29E-03

89 0.31E-03

90 0.33E-03

91 0.35E-03

92 0.37E-03

93 0.39E-03

94 0.42E-03

95 0.46E-03

96 0.51E-03

97 0.56E-03

98 0.67E-03

99 0.87E-03

100 0.65E-02

WHOLE FIELD BUFFER PERCENTILES (METERS) FOR AN APPLICATION RATE OF 0.5000 FOR FLUX PROFILE DAY NO. 1

| Percentile | Per1 |
|---|---|
| 1 | 0. |
| 2 | 0. |
| 3 | 0. |
| 4 | 0. |
| 5 | 0. |
| 6 | 0. |
| 7 | 0. |
| 8 | 0. |
| 9 | 0. |
| 10 | 0. |
| 11 | 0. |
| 12 | 0. |
| 13 | 0. |
| 14 | 0. |
| 15 | 0. |
| 16 | 0. |
| 17 | 0. |
| 18 | 0. |
| 19 | 0. |
| 20 | 0. |

| | |
|---|---|
| 21 | 0. |
| 22 | 0. |
| 23 | 0. |
| 24 | 0. |
| 25 | 0. |
| 26 | 0. |
| 27 | 0. |
| 28 | 0. |
| 29 | 0. |
| 30 | 0. |
| 31 | 0. |
| 32 | 0. |
| 33 | 0. |
| 34 | 0. |
| 35 | 0. |
| 36 | 0. |
| 37 | 0. |
| 38 | 0. |
| 39 | 0. |
| 40 | 0. |
| 41 | 0. |
| 42 | 0. |
| 43 | 0. |
| 44 | 0. |
| 45 | 0. |
| 46 | 0. |
| 47 | 0. |
| 48 | 0. |
| 49 | 0. |
| 50 | 0. |
| 51 | 0. |
| 52 | 0. |
| 53 | 0. |
| 54 | 0. |
| 55 | 0. |
| 56 | 0. |
| 57 | 0. |
| 58 | 0. |
| 59 | 0. |

| | |
|---|---|
| 60 | 0. |
| 61 | 0. |
| 62 | 0. |
| 63 | 0. |
| 64 | 0. |
| 65 | 0. |
| 66 | 0. |
| 67 | 0. |
| 68 | 0. |
| 69 | 0. |
| 70 | 0. |
| 71 | 0. |
| 72 | 0. |
| 73 | 0. |
| 74 | 0. |
| 75 | 0. |
| 76 | 0. |
| 77 | 0. |
| 78 | 0. |
| 79 | 0. |
| 80 | 0. |
| 81 | 0. |
| 82 | 0. |
| 83 | 0. |
| 84 | 0. |
| 85 | 0. |
| 86 | 0. |
| 87 | 0. |
| 88 | 0. |
| 89 | 0. |
| 90 | 0. |
| 91 | 0. |
| 92 | 0. |
| 93 | 0. |
| 94 | 0. |
| 95 | 0. |
| 96 | 0. |
| 97 | 0. |
| 98 | 0. |

| | |
|---|---|
| 99 | 0. |
| 100 | 0. |

MAXIMUM CONCENTRATION BUFFER PERCENTILES (METERS) FOR AN APPLICATION RATE OF 0.5000
FOR FLUX PROFILE DAY NO. 1

| Percentile | Per1 |
|---|---|
| 1 | 0. |
| 2 | 0. |
| 3 | 0. |
| 4 | 0. |
| 5 | 0. |
| 6 | 0. |
| 7 | 0. |
| 8 | 0. |
| 9 | 0. |
| 10 | 0. |
| 11 | 0. |
| 12 | 0. |
| 13 | 0. |
| 14 | 0. |
| 15 | 0. |
| 16 | 0. |
| 17 | 0. |
| 18 | 0. |
| 19 | 0. |
| 20 | 0. |
| 21 | 0. |
| 22 | 0. |
| 23 | 0. |
| 24 | 0. |
| 25 | 0. |
| 26 | 0. |
| 27 | 0. |
| 28 | 0. |
| 29 | 0. |
| 30 | 0. |
| 31 | 0. |
| 32 | 0. |
| 33 | 0. |

| | |
|---|---|
| 34 | 0. |
| 35 | 0. |
| 36 | 0. |
| 37 | 0. |
| 38 | 0. |
| 39 | 0. |
| 40 | 0. |
| 41 | 0. |
| 42 | 0. |
| 43 | 0. |
| 44 | 0. |
| 45 | 0. |
| 46 | 0. |
| 47 | 0. |
| 48 | 0. |
| 49 | 0. |
| 50 | 0. |
| 51 | 0. |
| 52 | 0. |
| 53 | 0. |
| 54 | 0. |
| 55 | 0. |
| 56 | 0. |
| 57 | 0. |
| 58 | 0. |
| 59 | 0. |
| 60 | 0. |
| 61 | 0. |
| 62 | 0. |
| 63 | 0. |
| 64 | 0. |
| 65 | 0. |
| 66 | 0. |
| 67 | 0. |
| 68 | 0. |
| 69 | 0. |
| 70 | 0. |
| 71 | 0. |
| 72 | 0. |

| | |
|---|---|
| 73 | 0. |
| 74 | 0. |
| 75 | 0. |
| 76 | 0. |
| 77 | 0. |
| 78 | 0. |
| 79 | 0. |
| 80 | 0. |
| 81 | 0. |
| 82 | 0. |
| 83 | 0. |
| 84 | 0. |
| 85 | 0. |
| 86 | 0. |
| 87 | 0. |
| 88 | 0. |
| 89 | 0. |
| 90 | 0. |
| 91 | 0. |
| 92 | 0. |
| 93 | 0. |
| 94 | 0. |
| 95 | 0. |
| 96 | 0. |
| 97 | 0. |
| 98 | 0. |
| 99 | 0. |
| 100 | 0. |

MONTHLY WHOLE FIELD BUFFER DISTANCES (METERS) FOR AN APPLICATION RATE OF 0.5000
ON DAY NO. 1 FOR PERIOD : 1

| PERCENTILE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 2 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 3 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 6 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 7 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 8 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 9 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 10 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 83 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 84 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 85 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 86 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 87 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 88 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 89 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 90 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 91 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 92 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 93 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 95 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 96 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 97 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 98 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 99 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |
| 100 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 0. | | | | | | | | | | | |

MONTHLY MAXIMUM CONCENTRATION BUFFER DISTANCES (METERS) FOR AN APPLICATION RATE OF 0.5000 ON DAY NO. 1 FOR PERIOD 1

| PERCENTILE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 2 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 3 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 4 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 6 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 7 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 8 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 9 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 10 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 14 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 20 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 33 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 40 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 43 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 44 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 47 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 48 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 49 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 55 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 58 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 59 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 65 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 66 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 67 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 68 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 70 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 76 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 83 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 84 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 85 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 86 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 87 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 88 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 89 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 90 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 91 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 92 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 93 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 95 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 96 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 97 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 98 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 99 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

100 0. 0. 0. 0. 0. 0. 0. 0. 0.
0. 0. 0.

CONCENTRATION DISTRIBUTION RESULTS FOR RINGS AROUND THE FIELD

| RING NO. | DISTANCE (METERS) |
|---|---|
| 1 | 1. |
| 2 | 5. |
| 3 | 10. |
| 4 | 15. |
| 5 | 25. |
| 6 | 50. |
| 7 | 100. |
| 8 | 150. |
| 9 | 200. |
| 10 | 300. |
| 11 | 400. |
| 12 | 500. |
| 13 | 750. |
| 14 | 1000. |
| 15 | 1500. |
| 16 | 2500. |

CONCENTRATION DISTRIBUTION FOR AN APPLICATION RATE OF 0.5000 FOR FLUX PROFILE DAY NO. 2 FOR AVERAGING PERIOD 1

| %tile | Ring1 | Ring2 | Ring3 | Ring4 | Ring5 | Ring6 | Ring7 | Ring8 | Ring9 | Ring10 | Ring11 | Ring12 | Ring13 | Ring14 | Ring15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.51E-26 | 0.27E-37 | 0.18E-37 | 0.40E-37 | 0.45E-37 | 0.15E-37 | 0.12E-37 | 0.21E-37 | 0.22E-37 | 0.12E-37 | 0.14E-37 | 0.13E-37 | 0.16E-37 | 0.0 | 0.0 |
| 2 | 0.21E-25 | 0.58E-37 | 0.28E-37 | 0.32E-34 | 0.72E-37 | 0.19E-37 | 0.22E-37 | 0.21E-37 | 0.24E-37 | 0.20E-37 | 0.17E-37 | 0.15E-37 | 0.37E-37 | 0.67E-37 | 0.0 |
| 3 | 0.91E-21 | 0.24E-33 | 0.14E-36 | 0.32E-34 | 0.74E-37 | 0.20E-37 | 0.29E-37 | 0.33E-37 | 0.24E-37 | 0.17E-36 | 0.22E-37 | 0.20E-37 | 0.61E-37 | 0.73E-37 | 0.0 |
| 4 | 0.62E-17 | 0.25E-33 | 0.44E-30 | 0.11E-33 | 0.45E-34 | 0.11E-36 | 0.34E-37 | 0.35E-37 | 0.33E-37 | 0.17E-36 | 0.28E-37 | 0.30E-37 | 0.63E-37 | 0.78E-37 | 0.0 |
| 5 | 0.10E-15 | 0.15E-30 | 0.12E-29 | 0.18E-29 | 0.85E-30 | 0.11E-36 | 0.97E-36 | 0.36E-37 | 0.35E-37 | 0.17E-36 | 0.28E-37 | 0.34E-37 | 0.22E-36 | 0.80E-37 | 0.14E-37 |
| 6 | 0.18E-09 | 0.89E-25 | 0.10E-24 | 0.24E-25 | 0.12E-25 | 0.48E-32 | 0.51E-34 | 0.45E-37 | 0.41E-37 | 0.15E-34 | 0.36E-35 | 0.40E-37 | 0.23E-36 | 0.80E-37 | 0.17E-37 |

7 0.11E-06 0.48E-23 0.10E-24 0.25E-25 0.12E-25 0.48E-32 0.51E-34 0.52E-37 0.20E-34 0.15E-34 0.36E-35 0.12E-34 0.24E-36 0.84E-37 0.28E-37

8 0.13E-05 0.14E-21 0.40E-23 0.14E-22 0.21E-25 0.14E-30 0.49E-33 0.18E-36 0.20E-34 0.15E-34 0.36E-35 0.13E-34 0.25E-36 0.96E-37 0.43E-37

9 0.49E-05 0.11E-17 0.15E-19 0.16E-18 0.14E-19 0.99E-27 0.42E-29 0.63E-34 0.20E-34 0.15E-34 0.23E-34 0.13E-34 0.26E-36 0.29E-35 0.11E-36

10 0.12E-04 0.33E-13 0.72E-16 0.13E-15 0.73E-18 0.11E-22 0.43E-29 0.73E-33 0.38E-34 0.15E-34 0.23E-34 0.13E-34 0.27E-36 0.29E-35 0.11E-35

11 0.24E-04 0.35E-09 0.24E-10 0.82E-11 0.22E-12 0.23E-21 0.47E-29 0.26E-31 0.38E-34 0.15E-34 0.23E-34 0.13E-34 0.28E-36 0.29E-35 0.11E-35

12 0.39E-04 0.14E-06 0.16E-07 0.55E-08 0.35E-09 0.13E-17 0.34E-28 0.15E-30 0.16E-33 0.64E-34 0.23E-34 0.44E-34 0.29E-36 0.63E-35 0.12E-35

13 0.58E-04 0.14E-05 0.22E-06 0.50E-07 0.14E-08 0.35E-15 0.25E-23 0.95E-27 0.29E-28 0.68E-34 0.24E-34 0.44E-34 0.65E-36 0.63E-35 0.12E-35

14 0.81E-04 0.69E-05 0.22E-05 0.84E-06 0.13E-06 0.23E-09 0.14E-18 0.11E-22 0.30E-28 0.20E-33 0.11E-31 0.44E-34 0.23E-34 0.63E-35 0.12E-35

15 0.10E-03 0.18E-04 0.85E-05 0.43E-05 0.11E-05 0.27E-07 0.12E-15 0.92E-19 0.53E-26 0.22E-33 0.11E-31 0.45E-34 0.23E-34 0.64E-35 0.12E-35

16 0.13E-03 0.35E-04 0.19E-04 0.12E-04 0.46E-05 0.34E-06 0.12E-09 0.11E-17 0.48E-22 0.22E-30 0.90E-29 0.47E-31 0.34E-34 0.64E-35 0.12E-35

17 0.16E-03 0.57E-04 0.35E-04 0.23E-04 0.11E-04 0.16E-05 0.12E-07 0.46E-11 0.22E-20 0.29E-29 0.90E-29 0.65E-31 0.34E-34 0.38E-34 0.12E-35

18 0.19E-03 0.78E-04 0.52E-04 0.37E-04 0.20E-04 0.45E-05 0.10E-06 0.63E-09 0.20E-16 0.42E-24 0.18E-28 0.76E-31 0.35E-34 0.38E-34 0.17E-34

19 0.23E-03 0.11E-03 0.71E-04 0.53E-04 0.32E-04 0.95E-05 0.48E-06 0.87E-08 0.81E-11 0.47E-20 0.18E-28 0.76E-31 0.35E-34 0.38E-34 0.17E-34

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66 0.31E-02 0.25E-02 0.22E-02 0.19E-02 0.16E-02 0.12E-02 0.86E-03 0.65E-03 0.52E-03 0.36E-03 0.27E-03 0.21E-03 0.12E-03 0.83E-04 0.44E-04

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68 0.32E-02 0.27E-02 0.23E-02 0.21E-02 0.18E-02 0.13E-02 0.93E-03 0.71E-03 0.57E-03 0.40E-03 0.30E-03 0.23E-03 0.14E-03 0.94E-04 0.52E-04

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81 0.42E-02 0.36E-02 0.32E-02 0.29E-02 0.25E-02 0.20E-02 0.15E-02 0.12E-02 0.99E-03 0.73E-03 0.56E-03 0.45E-03 0.29E-03 0.20E-03 0.12E-03

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83 0.44E-02 0.38E-02 0.33E-02 0.30E-02 0.27E-02 0.21E-02 0.16E-02 0.13E-02 0.11E-02 0.80E-03 0.62E-03 0.50E-03 0.32E-03 0.23E-03 0.13E-03

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93 0.54E-02 0.48E-02 0.42E-02 0.39E-02 0.35E-02 0.28E-02 0.22E-02 0.18E-02 0.16E-02 0.12E-02 0.97E-03 0.81E-03 0.55E-03 0.41E-03 0.26E-03

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99 0.80E-02 0.70E-02 0.63E-02 0.59E-02 0.52E-02 0.43E-02 0.34E-02 0.28E-02 0.25E-02 0.19E-02 0.16E-02 0.14E-02 0.98E-03 0.76E-03 0.52E-03

100 0.15E-01 0.13E-01 0.12E-01 0.11E-01 0.97E-02 0.80E-02 0.61E-02 0.50E-02 0.42E-02 0.33E-02 0.28E-02 0.25E-02 0.19E-02 0.16E-02 0.14E-02

%tile Ring16 Ring17 Ring18 Ring19 Ring20 Ring21 Ring22 Ring23 Ring24 Ring25 Ring26 Ring27 Ring28 Ring29 Ring30

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29 0.19E-35

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31 0.82E-28

32 0.90E-28

33 0.21E-27

34 0.21E-27

35 0.26E-27

36 0.39E-27

37 0.25E-23

38 0.24E-18

39 0.22E-14

40 0.32E-14

41 0.33E-14

42 0.33E-14

43 0.38E-11

44 0.33E-09

45 0.18E-08

46 0.71E-08

47 0.21E-07

48 0.56E-07

49 0.14E-06

50 0.30E-06

51 0.57E-06

52 0.10E-05

53 0.16E-05

54 0.24E-05

55 0.33E-05

56 0.42E-05

57 0.53E-05

58 0.63E-05

59 0.75E-05

60 0.87E-05

61 0.10E-04

62 0.12E-04

63 0.13E-04

64 0.15E-04

65 0.17E-04

66 0.18E-04

67 0.20E-04

68 0.22E-04

69 0.25E-04

70 0.27E-04

71 0.29E-04

72 0.31E-04

73 0.34E-04

74 0.36E-04

75 0.39E-04

76 0.42E-04

77 0.45E-04

78 0.48E-04

79 0.52E-04

80 0.55E-04

81 0.59E-04

82 0.63E-04

83 0.67E-04

84 0.72E-04

85 0.77E-04

86 0.82E-04

87 0.88E-04

88 0.94E-04

89 0.10E-03

90 0.11E-03

91 0.12E-03

92 0.12E-03

93 0.14E-03

94 0.15E-03

95 0.16E-03

96 0.17E-03

97 0.19E-03

98 0.23E-03

99 0.30E-03

100 0.12E-02

WHOLE FIELD BUFFER PERCENTILES (METERS) FOR AN APPLICATION RATE OF 0.5000 FOR FLUX PROFILE DAY NO. 2

| Percentile | Per1 |
|---|---|
| 1 | 0. |
| 2 | 0. |
| 3 | 0. |
| 4 | 0. |
| 5 | 0. |
| 6 | 0. |
| 7 | 0. |
| 8 | 0. |
| 9 | 0. |
| 10 | 0. |
| 11 | 0. |
| 12 | 0. |
| 13 | 0. |
| 14 | 0. |
| 15 | 0. |
| 16 | 0. |
| 17 | 0. |
| 18 | 0. |

| | |
|---|---|
| 19 | 0. |
| 20 | 0. |
| 21 | 0. |
| 22 | 0. |
| 23 | 0. |
| 24 | 0. |
| 25 | 0. |
| 26 | 0. |
| 27 | 0. |
| 28 | 0. |
| 29 | 0. |
| 30 | 0. |
| 31 | 0. |
| 32 | 0. |
| 33 | 0. |
| 34 | 0. |
| 35 | 0. |
| 36 | 0. |
| 37 | 0. |
| 38 | 0. |
| 39 | 0. |
| 40 | 0. |
| 41 | 0. |
| 42 | 0. |
| 43 | 0. |
| 44 | 0. |
| 45 | 0. |
| 46 | 0. |
| 47 | 0. |
| 48 | 0. |
| 49 | 0. |
| 50 | 0. |
| 51 | 0. |
| 52 | 0. |
| 53 | 0. |
| 54 | 0. |
| 55 | 0. |
| 56 | 0. |
| 57 | 0. |

| | |
|---|---|
| 58 | 0. |
| 59 | 0. |
| 60 | 0. |
| 61 | 0. |
| 62 | 0. |
| 63 | 0. |
| 64 | 0. |
| 65 | 0. |
| 66 | 0. |
| 67 | 0. |
| 68 | 0. |
| 69 | 0. |
| 70 | 0. |
| 71 | 0. |
| 72 | 0. |
| 73 | 0. |
| 74 | 0. |
| 75 | 0. |
| 76 | 0. |
| 77 | 0. |
| 78 | 0. |
| 79 | 0. |
| 80 | 0. |
| 81 | 0. |
| 82 | 0. |
| 83 | 0. |
| 84 | 0. |
| 85 | 0. |
| 86 | 0. |
| 87 | 0. |
| 88 | 0. |
| 89 | 0. |
| 90 | 0. |
| 91 | 0. |
| 92 | 0. |
| 93 | 0. |
| 94 | 0. |
| 95 | 0. |
| 96 | 0. |

| | |
|---|---|
| 97 | 0. |
| 98 | 0. |
| 99 | 0. |
| 100 | 0. |

MAXIMUM CONCENTRATION BUFFER PERCENTILES (METERS) FOR AN APPLICATION RATE OF 0.5000
FOR FLUX PROFILE DAY NO. 2

| Percentile | Per1 |
|---|---|
| 1 | 0. |
| 2 | 0. |
| 3 | 0. |
| 4 | 0. |
| 5 | 0. |
| 6 | 0. |
| 7 | 0. |
| 8 | 0. |
| 9 | 0. |
| 10 | 0. |
| 11 | 0. |
| 12 | 0. |
| 13 | 0. |
| 14 | 0. |
| 15 | 0. |
| 16 | 0. |
| 17 | 0. |
| 18 | 0. |
| 19 | 0. |
| 20 | 0. |
| 21 | 0. |
| 22 | 0. |
| 23 | 0. |
| 24 | 0. |
| 25 | 0. |
| 26 | 0. |
| 27 | 0. |
| 28 | 0. |
| 29 | 0. |
| 30 | 0. |
| 31 | 0. |

| | |
|---|---|
| 32 | 0. |
| 33 | 0. |
| 34 | 0. |
| 35 | 0. |
| 36 | 0. |
| 37 | 0. |
| 38 | 0. |
| 39 | 0. |
| 40 | 0. |
| 41 | 0. |
| 42 | 0. |
| 43 | 0. |
| 44 | 0. |
| 45 | 0. |
| 46 | 0. |
| 47 | 0. |
| 48 | 0. |
| 49 | 0. |
| 50 | 0. |
| 51 | 0. |
| 52 | 0. |
| 53 | 0. |
| 54 | 0. |
| 55 | 0. |
| 56 | 0. |
| 57 | 0. |
| 58 | 0. |
| 59 | 0. |
| 60 | 0. |
| 61 | 0. |
| 62 | 0. |
| 63 | 0. |
| 64 | 0. |
| 65 | 0. |
| 66 | 0. |
| 67 | 0. |
| 68 | 0. |
| 69 | 0. |
| 70 | 0. |

| | |
|---|---|
| 71 | 0. |
| 72 | 0. |
| 73 | 0. |
| 74 | 0. |
| 75 | 0. |
| 76 | 0. |
| 77 | 0. |
| 78 | 0. |
| 79 | 0. |
| 80 | 0. |
| 81 | 0. |
| 82 | 0. |
| 83 | 0. |
| 84 | 0. |
| 85 | 0. |
| 86 | 0. |
| 87 | 0. |
| 88 | 0. |
| 89 | 0. |
| 90 | 0. |
| 91 | 0. |
| 92 | 0. |
| 93 | 0. |
| 94 | 0. |
| 95 | 0. |
| 96 | 0. |
| 97 | 0. |
| 98 | 0. |
| 99 | 0. |
| 100 | 0. |