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HIGH
 1-HR
 SGROUP# 1

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 1,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 152.11530 AND OCCURRED AT (250.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	71.81982 (81,15)	110.78540 (81,15)	132.04770 (81,15)	136.64500 (81,15)	124.99010 (81,15)
350.0 /	45.85078 (229, 4)	72.29314 (229, 4)	86.48784 (229, 4)	90.00919 (229, 4)	80.76865 (229, 4)
340.0 /	35.28474 (229, 1)	57.51529 (229, 1)	69.90673 (229, 1)	75.60625 (229, 1)	67.35810 (229, 1)
330.0 /	59.71868 (81,11)	96.66873 (81,11)	117.59920 (81,11)	124.26280 (81,11)	112.24000 (81,11)
320.0 /	61.00680 (89,10)	98.98765 (89,10)	120.62130 (89,10)	127.61620 (89,10)	115.39940 (89,10)
310.0 /	64.90260 (88,10)	104.18330 (88,10)	126.37510 (88,10)	132.87680 (88,10)	120.46970 (88,10)
300.0 /	78.57932 (88,11)	120.46490 (88,11)	143.30970 (88,11)	148.11050 (88,11)	135.93020 (88,11)
290.0 /	70.31562 (228, 9)	112.39380 (228, 9)	136.31430 (228, 9)	143.08970 (228, 9)	130.43440 (228, 9)
280.0 /	72.22338 (107,11)	114.04570 (107,11)	137.52660 (107,11)	143.62030 (107,11)	131.12430 (107,11)
270.0 /	61.24065 (47, 8)	99.11327 (47, 8)	120.57810 (47, 8)	127.41040 (47, 8)	115.10170 (47, 8)
260.0 /	78.78249 (305,12)	122.10870 (305,12)	146.08080 (305,12)	151.58650 (305,12)	139.03810 (305,12)
250.0 /	73.25719 (305, 9)	111.94680 (305, 9)	132.91910 (305,15)	139.41940 (305,15)	126.99430 (305,15)
240.0 /	78.37568 (305,16)	120.32470 (305,16)	143.27660 (305,16)	148.18320 (305,16)	136.07130 (305,16)
230.0 /	59.62755 (97,15)	96.61998 (97,15)	117.61660 (97,15)	124.34360 (97,15)	112.35660 (97,15)
220.0 /	43.41635 (43,21)	70.38082 (43,21)	85.30744 (43,21)	90.98038 (43,21)	81.16548 (43,21)
210.0 /	53.35606 (287,18)	87.10050 (287,18)	106.28010 (287,18)	113.07920 (287,18)	101.78760 (287,18)
200.0 /	47.40571 (140,17)	77.46045 (140,17)	94.42274 (140,17)	101.12810 (140,17)	90.57467 (140,17)
190.0 /	40.07837 (18, 1)	64.01951 (18, 1)	76.92348 (18, 1)	82.42469 (18, 1)	72.95419 (18, 1)
180.0 /	55.09031 (343,11)	89.48488 (343,11)	108.86740 (343,11)	115.56400 (343,11)	103.85490 (343,11)
170.0 /	61.61980 (12,13)	97.48250 (12,13)	117.09350 (12,13)	122.19870 (12,13)	110.10030 (12,13)
160.0 /	66.09512 (353, 6)	104.88900 (353, 6)	126.30160 (353, 6)	132.04840 (353, 6)	119.19940 (353, 6)
150.0 /	66.19370 (353,10)	104.94930 (353,10)	126.30010 (353,10)	131.98710 (353,10)	119.10290 (353,10)
140.0 /	70.22601 (12,12)	110.62720 (12,12)	132.89730 (12,12)	138.48060 (12,12)	125.50360 (12,12)
130.0 /	65.75372 (78,22)	104.68260 (78,22)	126.31170 (78,22)	132.26880 (78,22)	119.54320 (78,22)
120.0 /	80.64770 (78,14)	123.59030 (78,14)	147.01300 (78,14)	151.92380 (78,14)	139.44260 (78,14)
110.0 /	75.31302 (78,18)	117.37370 (78,18)	140.63260 (78,18)	146.09920 (78,18)	133.51790 (78,18)
100.0 /	57.56581 (82,17)	90.56745 (82,17)	108.57870 (82,17)	113.16930 (64,17)	112.28330 (78,12)
90.0 /	67.35064 (231,15)	106.00100 (231,15)	127.49700 (231,15)	132.89070 (231,15)	121.09250 (231,15)
80.0 /	54.45678 (77,17)	89.17027 (77,17)	109.03450 (77,17)	116.19400 (77,17)	104.73700 (77,17)
70.0 /	80.10357 (64,15)	123.21430 (64,15)	146.92230 (64,15)	152.11530 (64,15)	139.81690 (64,15)
60.0 /	59.31248 (77,14)	96.45453 (77,14)	117.68350 (77,14)	124.63320 (77,14)	112.77180 (77,14)
50.0 /	64.44581 (64,12)	103.92510 (64,12)	126.43360 (64,12)	133.24040 (64,12)	121.01140 (64,12)
40.0 /	70.50119 (230,14)	112.50460 (230,14)	136.30320 (230,14)	142.96010 (230,14)	130.23350 (230,14)
30.0 /	68.90789 (230,15)	109.81410 (230,15)	132.91620 (230,16)	139.38770 (230,16)	126.94520 (230,16)
20.0 /	53.48771 (229,21)	87.16501 (229,21)	106.24350 (229,21)	112.94580 (229,21)	101.60140 (229,21)
10.0 /	64.50878 (230, 1)	102.21990 (230, 1)	123.20790 (230, 1)	128.72600 (230, 1)	116.84400 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 1,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 152.11530 AND OCCURRED AT (250.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	113.64210 (81,15)	103.09980 (81,15)	93.55921 (81,15)	85.04813 (81,15)
350.0 /	72.12642 (229, 4)	64.40884 (229, 4)	57.66648 (229, 4)	51.83134 (229, 4)
340.0 /	62.44617 (151,13)	62.38508 (151,13)	60.38016 (151,13)	57.43966 (151,13)
330.0 /	100.84120 (81,11)	90.59656 (81,11)	81.61071 (81,11)	73.80835 (81,11)
320.0 /	103.77780 (89,10)	93.31059 (89,10)	84.11514 (89,10)	76.12129 (89,10)
310.0 /	108.57260 (88,10)	97.76804 (88,10)	88.20863 (88,10)	79.85061 (88,10)
300.0 /	124.01470 (88,11)	112.87730 (88,11)	102.73600 (88,11)	93.63693 (88,11)
290.0 /	118.10420 (228, 9)	106.75350 (228, 9)	96.59866 (228, 9)	87.63988 (228, 9)
280.0 /	118.92850 (107,11)	107.65160 (107,11)	97.51411 (107,11)	88.53138 (107,11)
270.0 /	103.43490 (47, 8)	96.01584 (85,17)	83.75493 (47, 8)	75.76989 (47, 8)
260.0 /	126.72300 (305,12)	115.22110 (305,12)	104.77090 (305,12)	95.41904 (305,12)
250.0 /	114.91400 (305,15)	103.89560 (305, 9)	94.42498 (305, 9)	85.94624 (305, 9)
240.0 /	124.19700 (305,16)	113.08220 (305,16)	102.95100 (305,16)	93.85403 (305,16)
230.0 /	100.97530 (97,15)	90.73721 (97,15)	81.75140 (97,15)	73.94547 (97,15)
220.0 /	72.25307 (43,21)	64.50220 (43,21)	57.87012 (43,21)	52.21773 (43,21)
210.0 /	91.21109 (287,18)	81.80622 (287,18)	73.62679 (287,18)	66.57079 (287,18)
200.0 /	80.89899 (140,17)	72.43066 (140,17)	65.15075 (140,17)	58.92327 (140,17)
190.0 /	64.65535 (18, 1)	57.72766 (343,13)	51.92161 (343,13)	46.99587 (343,13)
180.0 /	92.96066 (343,11)	83.31335 (343,11)	74.94662 (343,11)	67.74353 (343,11)
170.0 /	98.73266 (12,13)	88.54382 (12,13)	79.61311 (12,13)	71.85989 (12,13)
160.0 /	107.07470 (353, 6)	96.17564 (353, 6)	86.60121 (353, 6)	78.27409 (353, 6)
150.0 /	106.96000 (353,10)	96.05327 (353,10)	86.47743 (353,10)	78.15254 (353,10)
140.0 /	113.12760 (12,12)	101.89010 (12,12)	91.93305 (12,12)	83.21162 (12,12)
130.0 /	107.48220 (78,22)	96.60979 (78,22)	87.03999 (78,22)	78.70480 (78,22)
120.0 /	127.23680 (78,14)	115.83040 (78,14)	105.44530 (78,14)	96.12794 (78,14)
110.0 /	121.26340 (78,18)	109.90980 (78,18)	99.67137 (78,18)	90.56934 (78,18)
100.0 /	105.03260 (78,12)	95.56496 (78,12)	85.93069 (78,12)	76.96883 (78,12)
90.0 /	109.63840 (231,15)	99.08450 (231,15)	89.62162 (231,15)	81.25420 (231,15)
80.0 /	93.96095 (77,17)	84.35308 (77,17)	75.98119 (77,17)	68.74866 (77,17)
70.0 /	127.72150 (64,15)	116.37580 (64,15)	106.01810 (64,15)	96.70648 (64,15)
60.0 /	101.45190 (77,14)	91.23630 (77,14)	82.25044 (77,14)	74.43178 (77,14)
50.0 /	109.20560 (64,12)	98.43845 (64,12)	88.88383 (64,12)	80.51191 (64,12)
40.0 /	117.86500 (230,14)	106.49730 (230,14)	96.33852 (230,14)	87.38354 (230,14)
30.0 /	114.85560 (230,16)	103.74630 (230,16)	93.82027 (230,16)	85.07216 (230,16)
20.0 /	91.00053 (229,21)	81.58765 (229,21)	73.40947 (229,21)	66.35987 (229,21)
10.0 /	105.41920 (230, 1)	94.99208 (230, 1)	85.72121 (230, 1)	77.58148 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 1,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 148.21270 AND OCCURRED AT (250.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	61.43200 (158, 3)	99.63148 (158, 3)	120.78200 (158, 3)	113.08570 (81,13)	102.31440 (81,13)
350.0 /	35.31939 (229, 5)	57.52924 (229, 5)	69.89227 (229, 5)	75.56413 (229, 5)	67.30208 (229, 5)
340.0 /	31.52546 (228,24)	50.96991 (228,24)	61.58062 (228,24)	66.30807 (228,24)	58.86187 (151,13)
330.0 /	46.33373 (88,20)	75.60777 (88,20)	92.07066 (88,20)	98.53562 (88,20)	88.18715 (88,20)
320.0 /	59.71874 (32,14)	96.66885 (32,14)	117.59940 (32,14)	124.26300 (32,14)	112.24020 (32,14)
310.0 /	60.51106 (41,12)	96.83141 (41,12)	117.16800 (41,12)	122.97200 (41,12)	111.28030 (41,12)
300.0 /	70.73571 (88, 9)	112.64600 (88, 9)	136.29270 (88, 9)	142.80180 (88, 9)	129.98630 (88, 9)
290.0 /	60.77612 (143,16)	98.86602 (143,16)	120.66950 (143,16)	127.82770 (143,16)	115.70300 (143,16)
280.0 /	70.64162 (101, 8)	112.58900 (101, 8)	136.29650 (101, 8)	142.86460 (101, 8)	130.08470 (101, 8)
270.0 /	59.53703 (107,12)	96.57214 (107,12)	117.63480 (107,12)	124.42540 (107,12)	112.47410 (107,12)
260.0 /	67.64397 (180, 4)	106.18440 (180, 4)	127.50090 (180, 4)	132.74450 (46,10)	120.85470 (46,10)
250.0 /	69.22958 (47, 6)	110.00840 (47, 6)	132.89510 (47, 6)	139.07860 (47, 6)	126.46300 (47, 6)
240.0 /	76.87629 (305,10)	119.10440 (305,10)	142.42800 (305,10)	147.75160 (305,10)	135.46830 (305,10)
230.0 /	55.75640 (304,22)	89.89207 (304,22)	109.02220 (304,22)	114.93960 (304,22)	103.58760 (304,22)
220.0 /	38.20837 (43,14)	62.02664 (43,14)	75.37588 (317,14)	81.64545 (317,14)	72.86127 (317,14)
210.0 /	38.04305 (96,19)	60.62015 (96,19)	72.66272 (96,19)	76.29617 (96,19)	67.81180 (96,19)
200.0 /	32.33847 (17,20)	51.33563 (17,20)	61.33514 (17,20)	65.46794 (17,20)	57.68252 (17,20)
190.0 /	38.09352 (343,13)	61.97655 (343,13)	75.28912 (343,13)	81.38003 (343,13)	72.50535 (343,13)
180.0 /	55.06330 (18, 3)	88.00349 (18, 3)	106.09000 (10,11)	112.31220 (10,11)	100.70620 (10,11)
170.0 /	56.76822 (12,14)	90.45405 (12,14)	109.03020 (310,11)	114.97680 (310,11)	103.64140 (310,11)
160.0 /	60.80153 (353,15)	97.27166 (353,15)	117.45340 (353,15)	123.39490 (353,15)	110.96300 (353,15)
150.0 /	65.75182 (353, 9)	102.99050 (353, 9)	123.21420 (353, 9)	128.78270 (39,17)	116.93260 (39,17)
140.0 /	65.03160 (79,11)	102.53890 (79,11)	123.19770 (79,11)	128.39750 (79,11)	116.32510 (79,11)
130.0 /	65.16467 (78,21)	102.62120 (78,21)	123.19830 (78,21)	128.31870 (78,21)	116.19870 (78,21)
120.0 /	72.17793 (78,17)	111.02590 (78,17)	132.09270 (78,17)	136.49840 (78,17)	124.72180 (78,17)
110.0 /	70.23717 (78,15)	109.09470 (78,15)	130.37120 (78,15)	135.17320 (78,15)	123.28910 (78,15)
100.0 /	53.26876 (64,17)	87.05817 (64,17)	106.30530 (64,17)	112.98620 (82,17)	102.15960 (82,17)
90.0 /	65.04187 (82, 1)	104.26350 (82, 1)	126.36090 (82, 1)	132.77140 (82, 1)	120.31100 (82, 1)
80.0 /	53.39977 (28,15)	87.12167 (28,15)	106.26750 (28,15)	113.03440 (28,15)	101.72510 (28,15)
70.0 /	78.29456 (64,16)	120.26900 (64,16)	143.26380 (64,16)	148.21270 (64,16)	136.12830 (64,16)
60.0 /	46.33367 (81,23)	75.60765 (81,23)	92.07052 (81,23)	98.53546 (81,23)	88.18700 (81,23)
50.0 /	62.23676 (77,13)	96.50126 (64,11)	117.66350 (64,11)	124.54950 (64,11)	112.65210 (64,11)
40.0 /	60.46815 (75,10)	96.80714 (75,10)	117.17310 (75,10)	123.00530 (75,10)	111.32990 (75,10)
30.0 /	68.77174 (230,16)	109.73280 (230,16)	132.90830 (230,15)	139.29320 (230,15)	126.79880 (230,15)
20.0 /	49.93837 (229,18)	81.05436 (229,18)	98.49447 (229,18)	104.47270 (229,18)	93.77018 (229,18)
10.0 /	60.28701 (229, 6)	96.59597 (229,14)	117.62570 (229,14)	124.38430 (229,14)	112.41520 (229,14)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 148.21270 AND OCCURRED AT (250.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	92.04134 (81,13)	82.71652 (81,13)	74.45968 (81,13)	67.23423 (81,13)
350.0 /	59.89473 (229, 5)	53.51516 (229, 5)	48.09341 (229, 5)	43.49289 (229, 5)
340.0 /	59.95662 (229, 1)	53.57848 (229, 1)	52.05654 (199,13)	50.23194 (199,13)
330.0 /	78.71478 (88,20)	70.43347 (88,20)	64.79758 (222,15)	60.93369 (222,15)
320.0 /	100.84130 (32,14)	90.59668 (32,14)	81.61080 (32,14)	73.80846 (32,14)
310.0 /	100.12020 (41,12)	90.01588 (41,12)	82.84367 (88,13)	75.71841 (88,13)
300.0 /	117.57000 (88, 9)	106.18100 (88, 9)	96.01711 (88, 9)	87.06678 (88, 9)
290.0 /	104.12670 (143,16)	93.67616 (143,16)	84.48093 (143,16)	76.47788 (143,16)
280.0 /	117.68750 (101, 8)	106.30700 (101, 8)	96.14515 (101, 8)	87.19302 (101, 8)
270.0 /	101.11040 (107,12)	92.95069 (47, 8)	81.89295 (107,12)	74.08347 (107,12)
260.0 /	109.35020 (46,10)	98.77257 (46,10)	89.30284 (46,10)	80.93878 (46,10)
250.0 /	114.32510 (305, 9)	103.80880 (305,15)	93.88370 (305,15)	85.13464 (305,15)
240.0 /	123.42330 (305,10)	112.17990 (305,10)	101.96900 (305,10)	92.83472 (305,10)
230.0 /	92.88457 (304,22)	83.30065 (304,22)	74.91742 (304,22)	67.65422 (304,22)
220.0 /	64.95730 (317,14)	58.13317 (317,14)	52.32239 (317,14)	47.38403 (317,14)
210.0 /	64.90929 (171,14)	63.75891 (171,14)	60.82331 (171,14)	57.14252 (171,14)
200.0 /	50.89932 (17,20)	45.16577 (17,20)	40.35863 (17,20)	36.32188 (17,20)
190.0 /	64.56238 (343,13)	57.61049 (18, 1)	51.68267 (18, 1)	46.68890 (18, 1)
180.0 /	89.98246 (10,11)	80.52837 (10,11)	72.35498 (10,11)	65.33519 (10,11)
170.0 /	92.94627 (310,11)	83.36530 (310,11)	74.98195 (310,11)	67.71702 (310,11)
160.0 /	99.36267 (353,15)	89.04192 (353,15)	80.05276 (353,15)	72.28795 (353,15)
150.0 /	105.52470 (39,17)	95.10499 (39,17)	85.83574 (39,17)	77.69411 (39,17)
140.0 /	104.79900 (79,11)	96.71610 (82,12)	88.10037 (82,12)	79.76238 (82,12)
130.0 /	104.64740 (78,21)	94.16460 (78,21)	84.88129 (78,21)	76.75462 (78,21)
120.0 /	113.30270 (78,17)	102.72330 (78,17)	93.16774 (78,17)	84.65582 (78,17)
110.0 /	111.77610 (78,15)	101.14820 (78,15)	91.58997 (78,15)	83.11116 (78,15)
100.0 /	91.85748 (82,17)	82.52029 (82,17)	74.26126 (82,17)	67.03949 (82,17)
90.0 /	108.38660 (82, 1)	97.57077 (82, 1)	88.00979 (82, 1)	79.65578 (82, 1)
80.0 /	91.14057 (28,15)	81.73306 (28,15)	73.55403 (28,15)	66.50021 (28,15)
70.0 /	124.27040 (64,16)	113.16460 (64,16)	103.03750 (64,16)	93.94134 (64,16)
60.0 /	78.71470 (81,23)	70.43334 (81,23)	63.31996 (81,23)	57.23898 (81,23)
50.0 /	101.31470 (64,11)	91.09265 (64,11)	82.10683 (64,11)	74.29186 (64,11)
40.0 /	100.17810 (75,10)	90.07710 (75,10)	81.15801 (75,10)	73.37264 (75,10)
30.0 /	114.68140 (230,15)	103.55970 (230,15)	93.63089 (230,15)	84.88567 (230,15)
20.0 /	83.82113 (229,18)	75.01778 (229,18)	67.38913 (229,18)	60.82689 (229,18)
10.0 /	101.04270 (229,14)	90.80781 (229,14)	81.82205 (229,14)	74.01435 (229,14)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	152.11530	15	64	250.0	70.0	26	139.29320	15	230	250.0	30.0
2	151.92380	14	78	250.0	120.0	27	139.26220	13	306	250.0	240.0
3	151.58650	12	305	250.0	260.0	28	139.26210	10	48	250.0	280.0
4	148.21270	16	64	250.0	70.0	29	139.23120	11	97	250.0	240.0
5	148.18320	16	305	250.0	240.0	30	139.23120	17	96	250.0	240.0
6	148.11050	11	88	250.0	300.0	31	139.07860	6	47	250.0	250.0
7	147.75160	10	305	250.0	240.0	32	139.07850	5	47	250.0	280.0
8	147.01300	14	78	200.0	120.0	33	139.03810	12	305	300.0	260.0
9	146.92230	15	64	200.0	70.0	34	138.48060	12	12	250.0	140.0
10	146.09920	18	78	250.0	110.0	35	137.52660	11	107	200.0	280.0
11	146.08080	12	305	200.0	260.0	36	137.03360	9	305	250.0	250.0
12	143.62030	11	107	250.0	280.0	37	136.64500	15	81	250.0	360.0
13	143.30970	11	88	200.0	300.0	38	136.55870	13	107	250.0	280.0
14	143.27660	16	305	200.0	240.0	39	136.49840	17	78	250.0	120.0
15	143.26380	16	64	200.0	70.0	40	136.31430	9	228	200.0	290.0
16	143.08970	9	228	250.0	290.0	41	136.30320	14	230	200.0	40.0
17	142.96010	14	230	250.0	40.0	42	136.29650	8	101	200.0	280.0
18	142.86460	8	101	250.0	280.0	43	136.29270	9	88	200.0	300.0
19	142.80180	9	88	250.0	300.0	44	136.26610	5	107	250.0	280.0
20	142.42800	10	305	200.0	240.0	45	136.12830	16	64	300.0	70.0
21	140.63260	18	78	200.0	110.0	46	136.07130	16	305	300.0	240.0
22	139.81690	15	64	300.0	70.0	47	135.93020	11	88	300.0	300.0
23	139.44260	14	78	300.0	120.0	48	135.46830	10	305	300.0	240.0
24	139.41940	15	305	250.0	250.0	49	135.17320	15	78	250.0	110.0
25	139.38770	16	230	250.0	30.0	50	133.51790	18	78	300.0	110.0

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 113.21510 AND OCCURRED AT (250.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	48.71047 (81, 5)	75.87616 (81, 5)	90.54413 (81, 5)	94.15191 (81, 5)	85.25365 (81, 5)
350.0 /	27.08007 (229, 2)	43.29857 (229, 2)	52.14831 (229, 2)	55.20898 (229, 2)	49.36993 (229, 2)
340.0 /	16.87259 (229, 1)	26.90973 (229, 1)	32.19982 (229, 1)	34.47587 (229, 1)	35.16354 (239, 4)
330.0 /	23.20614 (229, 1)	37.32882 (229, 1)	44.98332 (229, 1)	48.75430 (229, 1)	44.21041 (195, 5)
320.0 /	44.71875 (89, 4)	72.79430 (89, 4)	88.63486 (89, 4)	94.95692 (89, 4)	85.20763 (89, 4)
310.0 /	38.73088 (41, 4)	62.15591 (41, 4)	75.10796 (41, 4)	79.29990 (41, 4)	71.19618 (41, 4)
300.0 /	56.97048 (88, 3)	90.17559 (88, 3)	108.43390 (88, 3)	113.21510 (88, 3)	102.30940 (88, 3)
290.0 /	48.34544 (143, 6)	78.44180 (143, 6)	95.50101 (143, 6)	101.84410 (143, 6)	91.78032 (143, 6)
280.0 /	51.44023 (48, 4)	80.75598 (48, 4)	96.64684 (48, 4)	100.54450 (48, 4)	90.75948 (48, 4)
270.0 /	38.66386 (46, 6)	60.36731 (46, 6)	72.50164 (106, 7)	77.06155 (106, 7)	68.68192 (106, 7)
260.0 /	49.59535 (46, 4)	77.37060 (46, 4)	92.24593 (46, 4)	95.76348 (46, 4)	86.33779 (46, 4)
250.0 /	48.75088 (355, 4)	78.55346 (355, 4)	95.05417 (355, 4)	100.54850 (355, 4)	90.08759 (355, 4)
240.0 /	51.05075 (97, 4)	80.65748 (97, 4)	96.92845 (97, 4)	101.11210 (97, 4)	91.47044 (97, 4)
230.0 /	31.31324 (304, 8)	49.79259 (304, 8)	59.70818 (304, 8)	63.07167 (304, 8)	56.18015 (304, 8)
220.0 /	22.98318 (44, 1)	36.43814 (43, 5)	43.96941 (43, 5)	47.78984 (43, 5)	42.40859 (43, 5)
210.0 /	17.78610 (287, 6)	29.03418 (287, 6)	35.42722 (287, 6)	37.69350 (287, 6)	33.92946 (287, 6)
200.0 /	20.04132 (17, 7)	31.72287 (17, 7)	37.88656 (17, 7)	40.76809 (17, 7)	35.91365 (17, 7)
190.0 /	15.46550 (24, 4)	23.89800 (24, 4)	28.19901 (24, 4)	30.87537 (24, 4)	27.03873 (24, 4)
180.0 /	30.46093 (10, 4)	48.58709 (10, 4)	58.38094 (10, 4)	62.32933 (10, 4)	55.37988 (10, 4)
170.0 /	39.46462 (12, 5)	62.64739 (12, 5)	75.32879 (12, 5)	78.78020 (12, 5)	70.83765 (12, 5)
160.0 /	36.71465 (353, 2)	58.05466 (353, 2)	69.51959 (353, 2)	72.82570 (353, 2)	65.09433 (353, 2)
150.0 /	24.64033 (51, 2)	38.88454 (51, 2)	46.52417 (51, 2)	48.17758 (51, 2)	46.94879 (83, 5)
140.0 /	28.86362 (12, 4)	44.76225 (12, 4)	53.17786 (12, 4)	55.32761 (82, 4)	54.12340 (82, 4)
130.0 /	45.94079 (75, 5)	70.67004 (75, 5)	83.78175 (75, 5)	90.68895 (75, 5)	85.05801 (75, 5)
120.0 /	48.87934 (78, 6)	74.71525 (78, 6)	88.38136 (78, 6)	90.95654 (78, 6)	82.58969 (78, 6)
110.0 /	26.48424 (78, 6)	40.85658 (78, 6)	48.64326 (78, 6)	50.32389 (78, 6)	45.82993 (78, 6)
100.0 /	19.21086 (82, 6)	30.21267 (82, 6)	36.21378 (82, 6)	37.88161 (64, 6)	37.42784 (78, 4)
90.0 /	37.47416 (82, 1)	59.67067 (82, 1)	71.73555 (82, 1)	75.81219 (82, 1)	67.82162 (82, 1)
80.0 /	39.49999 (77, 6)	64.17547 (77, 6)	77.90782 (77, 6)	83.17458 (77, 6)	74.34563 (77, 6)
70.0 /	59.83738 (64, 5)	90.83415 (64, 5)	107.18760 (64, 5)	110.11640 (64, 5)	100.35920 (64, 5)
60.0 /	28.00975 (77, 5)	44.23246 (77, 5)	53.04499 (77, 5)	55.40533 (77, 5)	49.83028 (77, 5)
50.0 /	52.17172 (64, 4)	84.29207 (64, 4)	102.38340 (64, 4)	108.21460 (64, 4)	97.63899 (64, 4)
40.0 /	27.09523 (230, 5)	42.63571 (230, 5)	51.15452 (230, 5)	53.28861 (230, 5)	48.24025 (230, 5)
30.0 /	27.49807 (230, 5)	43.12468 (230, 5)	51.57559 (230, 5)	53.79229 (230, 5)	48.50181 (230, 5)
20.0 /	35.18065 (229, 6)	56.64808 (229, 6)	68.39029 (229, 6)	72.43621 (229, 6)	64.61041 (229, 6)
10.0 /	34.22155 (229, 5)	54.92071 (229, 5)	66.42741 (229, 5)	70.05266 (229, 5)	63.05331 (229, 5)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 113.21510 AND OCCURRED AT (250.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	76.82553 (81, 5)	69.18322 (81, 5)	62.40433 (81, 5)	56.45463 (81, 5)
350.0 /	44.01673 (229, 2)	39.31533 (229, 2)	35.25894 (229, 2)	31.77916 (229, 2)
340.0 /	38.19260 (239, 4)	38.90263 (239, 4)	38.26562 (239, 4)	36.90012 (239, 4)
330.0 /	44.81541 (195, 5)	43.61581 (195, 5)	42.32204 (195, 5)	40.28055 (195, 5)
320.0 /	76.23218 (89, 4)	68.34244 (89, 4)	61.53285 (89, 4)	55.68788 (89, 4)
310.0 /	63.90210 (88, 4)	57.48330 (88, 4)	51.56264 (88, 4)	46.29693 (88, 4)
300.0 /	91.95833 (88, 3)	82.60522 (88, 3)	74.35391 (88, 3)	67.15377 (88, 3)
290.0 /	82.36518 (143, 6)	73.98398 (143, 6)	66.68094 (143, 6)	60.36783 (143, 6)
280.0 /	81.49968 (48, 4)	73.13921 (48, 4)	65.76408 (48, 4)	59.32775 (48, 4)
270.0 /	61.07374 (106, 7)	54.45294 (106, 7)	48.78477 (106, 7)	43.95272 (106, 7)
260.0 /	77.47122 (46, 4)	69.48958 (46, 4)	62.45891 (46, 4)	56.32748 (46, 4)
250.0 /	80.43413 (355, 4)	71.92741 (355, 4)	64.57449 (355, 4)	58.26015 (355, 4)
240.0 /	82.29204 (97, 4)	73.97533 (97, 4)	66.62099 (97, 4)	60.19132 (97, 4)
230.0 /	49.92648 (304, 8)	44.47389 (304, 8)	39.79525 (304, 8)	35.79908 (304, 8)
220.0 /	37.67699 (43, 5)	33.65176 (43, 5)	30.25809 (43, 5)	27.39348 (43, 5)
210.0 /	30.40388 (287, 6)	27.26887 (287, 6)	24.54235 (287, 6)	22.19033 (287, 6)
200.0 /	31.72055 (17, 7)	28.19621 (17, 7)	25.25144 (17, 7)	22.78326 (17, 7)
190.0 /	23.81876 (24, 4)	21.16331 (24, 4)	18.97214 (24, 4)	17.15038 (24, 4)
180.0 /	49.18724 (10, 4)	43.86040 (10, 4)	39.33300 (10, 4)	35.49081 (10, 4)
170.0 /	63.41934 (12, 5)	56.80569 (12, 5)	51.03396 (12, 5)	46.04054 (12, 5)
160.0 /	58.02304 (353, 2)	51.81261 (353, 2)	46.45126 (353, 2)	41.84955 (353, 2)
150.0 /	44.06802 (83, 5)	40.45010 (83, 5)	36.77745 (83, 5)	33.33884 (83, 5)
140.0 /	50.46553 (82, 4)	46.03216 (82, 4)	41.60979 (82, 4)	37.51768 (82, 4)
130.0 /	77.71831 (75, 5)	70.18271 (75, 5)	63.11953 (75, 5)	56.76516 (75, 5)
120.0 /	74.61230 (78, 6)	67.31522 (78, 6)	60.79099 (78, 6)	55.02746 (78, 6)
110.0 /	41.50894 (78, 6)	37.53788 (78, 6)	33.97689 (78, 6)	30.82438 (78, 6)
100.0 /	35.01089 (78, 4)	31.85502 (78, 4)	28.64358 (78, 4)	25.65629 (78, 4)
90.0 /	60.50655 (82, 1)	54.07979 (82, 1)	48.52920 (82, 1)	43.76199 (82, 1)
80.0 /	66.26636 (77, 6)	59.20053 (77, 6)	53.12939 (77, 6)	47.93893 (77, 6)
70.0 /	90.99666 (64, 5)	82.36578 (64, 5)	74.58971 (64, 5)	67.67204 (64, 5)
60.0 /	44.60085 (77, 5)	39.92155 (77, 5)	35.82655 (77, 5)	32.27686 (77, 5)
50.0 /	87.64844 (64, 4)	78.68758 (64, 4)	70.83678 (64, 4)	64.02472 (64, 4)
40.0 /	43.42967 (230, 5)	39.06430 (230, 5)	35.19884 (230, 5)	31.81557 (230, 5)
30.0 /	43.53468 (230, 5)	39.07216 (230, 5)	35.14809 (230, 5)	32.44532 (172, 5)
20.0 /	57.46873 (229, 6)	51.23156 (229, 6)	45.87887 (229, 6)	41.30862 (229, 6)
10.0 /	56.48227 (229, 5)	50.61504 (229, 5)	45.49343 (229, 5)	41.06320 (229, 5)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 96.23306 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	20.47733C(158, 1)	33.21049C(158, 1)	40.26068C(158, 1)	38.87391 (148, 6)	34.64231 (148, 6)
350.0 /	6.12300 (229, 7)	9.69368 (229, 7)	11.84248 (239, 4)	18.73400 (239, 4)	22.50938 (239, 4)
340.0 /	15.15202 (228, 8)	24.23511 (228, 8)	29.14376 (228, 8)	31.72765 (228, 8)	30.38961 (229, 1)
330.0 /	20.78921 (81, 4)	33.43420 (81, 4)	40.56382 (81, 4)	43.04663 (81, 4)	43.18604 (229, 1)
320.0 /	34.63752 (89, 1)	55.90553 (89, 1)	67.52402 (89, 1)	72.47540 (89, 1)	64.35767 (89, 1)
310.0 /	37.54670 (88, 4)	58.43336 (88, 4)	69.66640 (88, 4)	75.50348 (88, 4)	70.31383 (88, 4)
300.0 /	41.95779 (88, 4)	64.30742 (88, 4)	77.45731 (86, 5)	88.40011 (86, 5)	84.58057 (86, 5)
290.0 /	39.13755 (87, 8)	62.54355 (87, 8)	75.22527 (87, 8)	79.57463 (87, 8)	70.93135 (87, 8)
280.0 /	42.99360 (107, 4)	66.79975 (107, 4)	79.68968 (107, 4)	82.56662 (107, 4)	74.95748 (107, 4)
270.0 /	37.28506 (106, 7)	60.05021 (106, 7)	71.71304 (46, 6)	74.39864 (46, 6)	66.42686 (46, 6)
260.0 /	44.65165 (307, 4)	72.47886 (307, 4)	88.06503 (307, 4)	93.81523 (307, 4)	84.13538 (307, 4)
250.0 /	42.88109 (305, 3)	67.14284 (305, 3)	80.33694 (305, 3)	84.72650 (305, 3)	76.50246 (305, 3)
240.0 /	48.16511 (45, 6)	76.51631 (45, 6)	91.93829 (45, 6)	96.23306 (45, 6)	86.38991 (45, 6)
230.0 /	28.07095 (96, 8)	45.02026 (96, 8)	54.09906 (96, 8)	58.02177 (96, 8)	51.29095 (96, 8)
220.0 /	22.68131 (43, 5)	36.34762 (44, 1)	43.37553 (44, 1)	46.93592 (44, 1)	41.35620 (44, 1)
210.0 /	15.68226 (288, 5)	25.12740 (288, 5)	30.16905 (288, 5)	32.60340 (288, 5)	28.78568 (288, 5)
200.0 /	15.80190 (140, 6)	25.82015 (140, 6)	31.47425 (140, 6)	33.70937 (140, 6)	30.19156 (140, 6)
190.0 /	14.47084 (18, 1)	22.84673 (18, 1)	27.24273 (18, 1)	29.01352 (18, 1)	25.57245 (18, 1)
180.0 /	26.23528 (34, 4)	41.48532 (34, 4)	49.54180 (34, 4)	53.39542 (34, 4)	47.07728 (34, 4)
170.0 /	33.05571 (18, 2)	51.99393 (18, 2)	61.76799 (18, 2)	65.33104 (18, 2)	57.42628 (18, 2)
160.0 /	33.94019 (339, 2)	53.89851 (339, 2)	64.49728 (339, 2)	67.97121 (339, 2)	60.25610 (339, 2)
150.0 /	23.62185 (353, 3)	36.68452 (353, 3)	43.61079 (353, 3)	47.68665 (83, 5)	40.59948 (353, 3)
140.0 /	24.45990 (82, 4)	39.03636 (82, 4)	46.99258 (82, 4)	54.97391 (12, 4)	49.45275 (12, 4)
130.0 /	40.82072 (78, 7)	62.82654 (82, 7)	75.41908 (82, 7)	78.62729 (82, 7)	70.97565 (82, 7)
120.0 /	44.21040 (78, 4)	69.64802 (78, 4)	83.73672 (78, 4)	87.30493 (78, 4)	79.35019 (78, 4)
110.0 /	26.04005 (78, 5)	39.87354 (78, 5)	47.21828 (78, 5)	48.65023 (78, 5)	44.15275 (78, 5)
100.0 /	17.88023 (64, 6)	29.17657 (64, 6)	35.59435 (64, 6)	37.67941 (82, 6)	34.09525 (64, 6)
90.0 /	22.45021 (231, 5)	35.33366 (231, 5)	42.49899 (231, 5)	44.29689 (231, 5)	40.36417 (231, 5)
80.0 /	32.28027 (28, 5)	52.54889 (28, 5)	63.94386 (28, 5)	68.12305 (28, 5)	61.08608 (28, 5)
70.0 /	26.09819 (64, 6)	40.08966 (64, 6)	47.75460 (64, 6)	49.40423 (64, 6)	45.37608 (64, 6)
60.0 /	17.25109 (7, 5)	27.46056 (7, 5)	32.89339 (7, 5)	34.56660 (7, 5)	30.70579 (7, 5)
50.0 /	32.77798 (230, 6)	51.93163 (230, 6)	62.35572 (230, 6)	65.11648 (230, 6)	58.57728 (230, 6)
40.0 /	23.09703 (230, 3)	36.73505 (230, 3)	44.00044 (230, 3)	46.39734 (230, 3)	41.22711 (230, 3)
30.0 /	22.92396 (230, 6)	36.57765 (230, 6)	44.30543 (230, 6)	46.46258 (230, 6)	42.31509 (230, 6)
20.0 /	33.23213 (229, 7)	54.23853 (229, 7)	66.11851 (229, 7)	70.53925 (229, 7)	63.32491 (229, 7)
10.0 /	30.48815 (230, 1)	48.42114 (230, 1)	58.24897 (230, 1)	61.28559 (230, 1)	55.14727 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 96.23306 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	30.89687 (148, 6)	27.69896 (148, 6)	24.99507 (148, 6)	24.33468 (114, 5)
350.0 /	23.90075 (239, 4)	23.86310 (239, 4)	23.06018 (239, 4)	21.88879 (239, 4)
340.0 /	26.80695 (229, 1)	23.95355 (151, 5)	22.99855 (151, 5)	22.80416 (151, 4)
330.0 /	38.28458 (229, 1)	34.11549 (229, 1)	30.60349 (229, 1)	27.76566 (222, 5)
320.0 /	57.12280 (89, 1)	50.91418 (89, 1)	45.65213 (89, 1)	41.19772 (89, 1)
310.0 /	63.67226 (41, 4)	57.00509 (41, 4)	51.21526 (41, 4)	46.22470 (41, 4)
300.0 /	78.96838 (86, 5)	72.82864 (86, 5)	66.82426 (86, 5)	61.24651 (86, 5)
290.0 /	65.11423 (143, 5)	59.26075 (143, 5)	53.61911 (143, 5)	48.47017 (143, 5)
280.0 /	67.66907 (107, 4)	61.00479 (107, 4)	55.05882 (107, 4)	49.81940 (107, 4)
270.0 /	59.09265 (46, 6)	52.61360 (46, 6)	46.99520 (46, 6)	42.15851 (46, 6)
260.0 /	75.18449 (307, 4)	67.29335 (307, 4)	60.47173 (307, 4)	54.61288 (307, 4)
250.0 /	68.88399 (305, 3)	62.08799 (305, 3)	56.12543 (305, 3)	50.92762 (305, 3)
240.0 /	77.20934 (45, 6)	69.03510 (45, 6)	61.90944 (45, 6)	55.75092 (45, 6)
230.0 /	46.50695 (180, 5)	42.41500 (180, 5)	38.40151 (180, 5)	34.70131 (180, 5)
220.0 /	36.52635 (44, 1)	32.46196 (44, 1)	29.06347 (44, 1)	26.21369 (44, 1)
210.0 /	25.43828 (288, 5)	22.59888 (288, 5)	20.27444 (171, 5)	19.04751 (171, 5)
200.0 /	26.96633 (140, 6)	24.14355 (140, 6)	21.71692 (140, 6)	19.64109 (140, 6)
190.0 /	22.58284 (18, 1)	20.05981 (18, 1)	17.94652 (18, 1)	16.17299 (18, 1)
180.0 /	41.60706 (34, 4)	37.00078 (34, 4)	33.14643 (34, 4)	29.91229 (34, 4)
170.0 /	50.55844 (18, 2)	44.76121 (18, 2)	39.90582 (18, 2)	35.83318 (18, 2)
160.0 /	53.36164 (339, 2)	47.42258 (339, 2)	42.37440 (339, 2)	38.09408 (339, 2)
150.0 /	36.36374 (353, 3)	32.57877 (353, 3)	29.26574 (353, 4)	26.42061 (353, 4)
140.0 /	44.29547 (12, 4)	39.67702 (12, 4)	35.62636 (12, 4)	32.10672 (12, 4)
130.0 /	63.73795 (82, 7)	57.21341 (82, 7)	51.46784 (82, 7)	46.46152 (82, 7)
120.0 /	71.67690 (78, 4)	64.65039 (78, 4)	58.38427 (78, 4)	52.86857 (78, 4)
110.0 /	39.86754 (78, 5)	35.95303 (78, 5)	32.45840 (78, 5)	29.37569 (78, 5)
100.0 /	30.62850 (82, 6)	27.51382 (82, 6)	24.75918 (82, 6)	22.35073 (82, 6)
90.0 /	36.54614 (231, 5)	33.02817 (231, 5)	29.87387 (231, 5)	27.08473 (231, 5)
80.0 /	54.58488 (28, 5)	48.85997 (28, 5)	43.91616 (28, 5)	39.67363 (28, 5)
70.0 /	41.42347 (64, 6)	37.72153 (64, 6)	34.34582 (64, 6)	31.31378 (64, 6)
60.0 /	27.20843 (7, 5)	24.16720 (7, 5)	21.56553 (7, 5)	19.35017 (7, 5)
50.0 /	52.43015 (230, 6)	46.92179 (230, 6)	42.09641 (230, 6)	37.91058 (230, 6)
40.0 /	36.55326 (230, 3)	32.49215 (230, 3)	29.01796 (230, 3)	26.05826 (230, 3)
30.0 /	38.28521 (230, 6)	35.96096 (160, 4)	34.37366 (172, 5)	31.73053 (230, 5)
20.0 /	56.64120 (229, 7)	50.74531 (229, 7)	45.64742 (229, 7)	41.26834 (229, 7)
10.0 /	49.42786 (230, 1)	44.32989 (230, 1)	39.87595 (230, 1)	36.01583 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	113.21510	3	88	250.0	300.0	26	91.93829	6	45	200.0	240.0
2	110.11640	5	64	250.0	70.0	27	91.78032	6	143	300.0	290.0
3	108.43390	3	88	200.0	300.0	28	91.47044	4	97	300.0	240.0
4	108.21460	4	64	250.0	50.0	29	90.99666	5	64	350.0	70.0
5	107.18760	5	64	200.0	70.0	30	90.95654	6	78	250.0	120.0
6	102.38340	4	64	200.0	50.0	31	90.83415	5	64	150.0	70.0
7	102.30940	3	88	300.0	300.0	32	90.75948	4	48	300.0	280.0
8	101.84410	6	143	250.0	290.0	33	90.68895	5	75	250.0	130.0
9	101.11210	4	97	250.0	240.0	34	90.54413	5	81	200.0	360.0
10	100.54850	4	355	250.0	250.0	35	90.29781	4	305	250.0	240.0
11	100.54450	4	48	250.0	280.0	36	90.17559	3	88	150.0	300.0
12	100.35920	5	64	300.0	70.0	37	90.08759	4	355	300.0	250.0
13	97.63899	4	64	300.0	50.0	38	88.63486	4	89	200.0	320.0
14	96.92845	4	97	200.0	240.0	39	88.40011	5	86	250.0	300.0
15	96.64684	4	48	200.0	280.0	40	88.38136	6	78	200.0	120.0
16	96.23306	6	45	250.0	240.0	41	88.06503	4	307	200.0	260.0
17	95.76348	4	46	250.0	260.0	42	87.64844	4	64	350.0	50.0
18	95.50101	6	143	200.0	290.0	43	87.57656	7	180	200.0	260.0
19	95.05417	4	355	200.0	250.0	44	87.30493	4	78	250.0	120.0
20	94.95692	4	89	250.0	320.0	45	86.54184	4	305	200.0	240.0
21	94.15191	5	81	250.0	360.0	46	86.38991	6	45	300.0	240.0
22	93.81523	4	307	250.0	260.0	47	86.33779	4	46	300.0	260.0
23	92.79082	7	180	250.0	260.0	48	85.85191	5	46	250.0	260.0
24	92.24593	4	46	200.0	260.0	49	85.25365	5	81	300.0	360.0
25	91.95833	3	88	350.0	300.0	50	85.20763	4	89	300.0	320.0

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 53.26379 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	7.37645 (81, 1)	11.55861 (81, 1)	13.83777 (81, 1)	14.58186 (81, 1)	13.17839 (81, 1)
350.0 /	5.23681 (229, 1)	8.26838 (229, 1)	9.88372 (229, 1)	10.60653 (229, 1)	9.41950 (229, 1)
340.0 /	3.87976 (229, 1)	6.05181 (229, 1)	7.14532 (229, 1)	7.66977C(239, 1)	8.35108C(239, 1)
330.0 /	8.22409 (89, 1)	12.75150 (89, 1)	15.07800 (89, 1)	15.76215 (89, 1)	13.23481 (89, 1)
320.0 /	13.31573 (89, 1)	21.42631 (89, 1)	25.86831 (89, 1)	27.79739 (89, 1)	24.70776 (89, 1)
310.0 /	14.01538 (156, 1)	22.33847 (156, 1)	26.87864 (156, 1)	29.47046 (156, 1)	26.20368 (156, 1)
300.0 /	24.93266 (88, 1)	39.24554 (88, 1)	46.98158 (88, 1)	50.26794 (88, 1)	45.73766 (88, 1)
290.0 /	15.64476 (87, 1)	24.70971 (87, 1)	29.54716 (87, 1)	30.81880 (87, 1)	29.01331 (143, 1)
280.0 /	21.01415 (107, 1)	33.32718 (107, 1)	40.06565 (107, 1)	42.14803 (107, 1)	37.90941 (107, 1)
270.0 /	16.36513 (107, 1)	25.62968 (107, 1)	30.50441 (107, 1)	32.15652 (107, 1)	28.61828 (107, 1)
260.0 /	21.98658 (46, 1)	34.48106 (46, 1)	41.10727 (46, 1)	42.98693 (46, 1)	38.44408 (46, 1)
250.0 /	20.53082 (305, 1)	31.98555 (305, 1)	38.03295 (305, 1)	39.82984 (305, 1)	35.64092 (305, 1)
240.0 /	26.76464 (305, 1)	42.25445 (305, 1)	50.66717 (305, 1)	53.26379 (305, 1)	47.87877 (305, 1)
230.0 /	8.72889 (44, 1)	13.69361 (44, 1)	16.31654 (44, 1)	17.83562 (44, 1)	15.75766 (44, 1)
220.0 /	6.41879 (43, 1)	10.21451 (43, 1)	12.26867 (43, 1)	13.31238 (43, 1)	11.81066 (43, 1)
210.0 /	3.36361 (287, 1)	5.44651 (287, 1)	6.61474 (287, 1)	6.74919 (287, 1)	5.71901 (287, 1)
200.0 /	2.50537 (17, 1)	3.96555 (17, 1)	4.73597 (17, 1)	5.09614 (17, 1)	4.48929 (17, 1)
190.0 /	2.92691 (34, 1)	4.50351 (34, 1)	5.27114 (34, 1)	5.61512 (34, 1)	4.88016 (34, 1)
180.0 /	9.31761 (10, 1)	14.58251 (10, 1)	17.31720 (10, 1)	18.00056 (10, 1)	15.34243 (10, 1)
170.0 /	14.29580 (12, 1)	22.47872 (12, 1)	26.77907 (12, 1)	28.01551 (12, 1)	24.87963 (12, 1)
160.0 /	16.20215 (353, 1)	25.07110 (353, 1)	29.70160 (353, 1)	31.51525 (353, 1)	27.98668 (353, 1)
150.0 /	16.93660 (353, 1)	26.47027 (353, 1)	31.46026 (353, 1)	33.01199 (353, 1)	29.32866 (353, 1)
140.0 /	9.96445 (353, 1)	15.45823 (353, 1)	18.27656 (79, 1)	19.12839 (79, 1)	16.78351 (353, 1)
130.0 /	15.65769 (78, 1)	23.56415 (78, 1)	27.49936 (78, 1)	28.12910 (78, 1)	25.11174 (78, 1)
120.0 /	20.90325 (78, 1)	32.07904 (78, 1)	38.00908 (78, 1)	39.19176 (78, 1)	35.53724 (78, 1)
110.0 /	7.49435 (78, 1)	11.38029 (78, 1)	13.40441 (78, 1)	13.89907 (78, 1)	12.66395 (78, 1)
100.0 /	6.52749 (82, 1)	10.03259 (82, 1)	11.79982 (82, 1)	12.23834 (82, 1)	10.85472 (82, 1)
90.0 /	8.50324 (82, 1)	13.30090 (82, 1)	15.84079 (82, 1)	16.69240 (82, 1)	14.90065 (82, 1)
80.0 /	7.18114C(28, 1)	11.55269C(28, 1)	13.98230C(28, 1)	15.09978C(28, 1)	13.47978C(28, 1)
70.0 /	10.74673 (64, 1)	16.37085 (64, 1)	19.37272 (64, 1)	19.94439 (64, 1)	18.22006 (64, 1)
60.0 /	4.62023C(77, 1)	7.25932C(77, 1)	8.66350C(77, 1)	9.04865C(77, 1)	8.09219C(77, 1)
50.0 /	7.25182C(7, 1)	11.55292C(7, 1)	13.85700C(7, 1)	14.88097C(7, 1)	13.18865C(7, 1)
40.0 /	9.16643 (230, 1)	14.43229 (230, 1)	17.23659 (230, 1)	18.11126 (230, 1)	16.16953 (230, 1)
30.0 /	9.70016 (230, 1)	15.30584 (230, 1)	18.34583 (230, 1)	19.35204 (230, 1)	17.37382 (230, 1)
20.0 /	13.38367 (229, 1)	21.39618 (229, 1)	25.72813 (229, 1)	27.18362 (229, 1)	24.21799 (229, 1)
10.0 /	15.21903 (229, 1)	24.13967 (229, 1)	28.95450 (229, 1)	30.50422 (229, 1)	27.27641 (229, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 53.26379 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	11.86746 (81, 1)	10.69250 (81, 1)	9.65939 (81, 1)	8.75836 (81, 1)
350.0 /	8.36528 (229, 1)	7.45939 (229, 1)	6.68945 (229, 1)	6.03573 (229, 1)
340.0 /	8.54820C(239, 1)	8.42841C(239, 1)	8.13066C(239, 1)	7.74504C(239, 1)
330.0 /	11.31008 (89, 1)	9.81835 (89, 1)	8.64014 (89, 1)	7.69240 (89, 1)
320.0 /	21.95888 (89, 1)	19.59781 (89, 1)	17.59316 (89, 1)	15.89285 (89, 1)
310.0 /	23.32515 (156, 1)	20.87087 (156, 1)	18.79730 (156, 1)	17.04366 (156, 1)
300.0 /	41.19613 (88, 1)	37.00941 (88, 1)	33.29209 (88, 1)	30.04557 (88, 1)
290.0 /	26.82303 (143, 1)	24.47816 (143, 1)	22.23394 (143, 1)	20.18849 (143, 1)
280.0 /	33.96433 (107, 1)	30.45215 (107, 1)	27.38732 (107, 1)	24.73402 (107, 1)
270.0 /	25.42539 (107, 1)	22.64786 (107, 1)	20.26686 (107, 1)	18.23408 (107, 1)
260.0 /	34.27583 (46, 1)	30.59948 (46, 1)	27.41299 (46, 1)	24.66877 (46, 1)
250.0 /	31.81238 (305, 1)	28.44071 (305, 1)	25.51899 (305, 1)	23.00168 (305, 1)
240.0 /	42.89105 (305, 1)	38.46140 (305, 1)	34.59981 (305, 1)	31.25734 (305, 1)
230.0 /	13.96413 (44, 1)	12.45648 (44, 1)	11.19579 (44, 1)	10.13782 (44, 1)
220.0 /	10.49137 (43, 1)	9.36904 (43, 1)	8.42276 (43, 1)	7.62406 (43, 1)
210.0 /	4.96286 (288, 1)	4.44749 (288, 1)	4.18739 (262, 1)	4.26846 (262, 1)
200.0 /	3.96513 (17, 1)	3.52457 (17, 1)	3.15646 (17, 1)	2.84793 (17, 1)
190.0 /	4.26136 (34, 1)	3.75059 (34, 1)	3.32972 (34, 1)	3.10647 (73, 1)
180.0 /	13.23495 (10, 1)	11.55391 (10, 1)	10.19835 (10, 1)	9.09133 (10, 1)
170.0 /	22.05974 (12, 1)	19.61459 (12, 1)	17.52456 (12, 1)	15.74466 (12, 1)
160.0 /	24.86989 (353, 1)	22.19337 (353, 1)	19.91660 (353, 1)	17.98130 (353, 1)
150.0 /	26.02996 (353, 1)	23.17388 (353, 1)	20.73296 (353, 1)	18.65310 (353, 1)
140.0 /	14.82640 (353, 1)	13.13912 (353, 1)	11.70941 (79, 1)	10.55624 (79, 1)
130.0 /	22.37222 (78, 1)	19.95918 (78, 1)	18.00117 (75, 1)	16.33442 (75, 1)
120.0 /	32.06482 (78, 1)	28.90107 (78, 1)	26.08244 (78, 1)	23.59978 (78, 1)
110.0 /	11.43079 (78, 1)	10.28526 (78, 1)	9.25801 (78, 1)	8.35251 (78, 1)
100.0 /	9.60975 (82, 1)	8.52599 (82, 1)	7.59587 (82, 1)	6.80121 (82, 1)
90.0 /	13.27348 (82, 1)	11.84895 (82, 1)	10.62081 (82, 1)	9.56716 (82, 1)
80.0 /	12.02612C(28, 1)	10.76881C(28, 1)	9.69525C(28, 1)	8.78048C(28, 1)
70.0 /	16.55487 (64, 1)	15.01271 (64, 1)	13.61833 (64, 1)	12.37432 (64, 1)
60.0 /	7.21091C(77, 1)	6.43212C(77, 1)	5.75669C(77, 1)	5.17511C(77, 1)
50.0 /	11.68985C(7, 1)	10.40823C(7, 1)	9.32455C(7, 1)	8.40879C(7, 1)
40.0 /	14.39763 (230, 1)	12.84342 (230, 1)	11.50278 (230, 1)	10.35277 (230, 1)
30.0 /	15.54913 (230, 1)	13.93342 (230, 1)	12.52821 (230, 1)	11.31426 (230, 1)
20.0 /	21.52098 (229, 1)	19.16916 (229, 1)	17.15248 (229, 1)	15.43151 (229, 1)
10.0 /	24.31620 (229, 1)	21.71323 (229, 1)	19.46484 (229, 1)	17.53448 (229, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 45.03625 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	5.06922 (229, 1)	7.74609 (229, 1)	9.07164 (229, 1)	9.68666 (229, 1)	8.51083 (229, 1)
350.0 /	.82446C(239, 1)	1.25889C(239, 1)	1.90425C(239, 1)	2.91288C(239, 1)	3.42030C(239, 1)
340.0 /	2.53873 (89, 1)	3.86278 (89, 1)	5.56327C(239, 1)	7.52879 (229, 1)	6.61052 (229, 1)
330.0 /	6.46381 (228, 1)	10.03533 (228, 1)	11.86949 (228, 1)	12.48168 (228, 1)	11.06947 (228, 1)
320.0 /	10.35148 (41, 1)	16.38286 (41, 1)	19.59654 (41, 1)	21.00408 (41, 1)	18.48898 (41, 1)
310.0 /	13.89690 (146, 1)	22.15641 (146, 1)	26.57649 (146, 1)	28.46922 (146, 1)	25.23596 (146, 1)
300.0 /	17.98544 (146, 1)	28.78258 (146, 1)	34.58780 (146, 1)	37.22386 (146, 1)	32.97143 (146, 1)
290.0 /	13.73384 (143, 1)	22.05931 (143, 1)	26.65495 (143, 1)	30.50169 (143, 1)	26.80085 (87, 1)
280.0 /	18.63082 (308, 1)	29.58368 (308, 1)	35.41701 (308, 1)	37.79032 (308, 1)	33.51805 (308, 1)
270.0 /	15.20001 (47, 1)	23.70370 (47, 1)	28.09536 (47, 1)	29.42911 (47, 1)	26.10209 (47, 1)
260.0 /	17.50345 (47, 1)	27.77657 (47, 1)	33.31792 (47, 1)	35.13374 (47, 1)	31.38773 (47, 1)
250.0 /	14.87150 (306, 1)	23.84514 (306, 1)	28.74659 (306, 1)	30.74595 (306, 1)	27.40113 (306, 1)
240.0 /	22.27101 (97, 1)	35.44513 (97, 1)	42.58630 (97, 1)	45.03625 (97, 1)	40.24529 (97, 1)
230.0 /	7.86949 (97, 1)	12.19889 (97, 1)	14.37261 (97, 1)	14.91093 (97, 1)	13.14884 (97, 1)
220.0 /	4.14376 (288, 1)	6.45558 (288, 1)	7.63855 (288, 1)	8.21079 (288, 1)	7.22971 (288, 1)
210.0 /	2.99338 (288, 1)	4.71840 (288, 1)	5.65119 (288, 1)	6.27822 (288, 1)	5.57381 (288, 1)
200.0 /	2.19170 (43, 1)	3.42390 (43, 1)	4.06740 (43, 1)	4.37301 (43, 1)	3.86417 (43, 1)
190.0 /	2.48935C(18, 1)	3.87176C(18, 1)	4.59415C(18, 1)	4.97398C(18, 1)	4.38568C(18, 1)
180.0 /	9.28975 (34, 1)	14.37881 (34, 1)	16.95827 (34, 1)	17.70607 (34, 1)	15.07589 (34, 1)
170.0 /	12.86257 (17, 1)	20.02151 (17, 1)	23.69910 (17, 1)	25.23259 (17, 1)	22.23210 (17, 1)
160.0 /	11.78296 (339, 1)	18.55441 (339, 1)	22.12400 (339, 1)	23.56921 (339, 1)	20.84184 (339, 1)
150.0 /	11.54673 (12, 1)	17.88879 (12, 1)	21.16288 (12, 1)	21.84277 (12, 1)	18.66786 (12, 1)
140.0 /	9.75664 (79, 1)	15.12748 (79, 1)	18.25484 (353, 1)	18.97961 (353, 1)	16.68758 (79, 1)
130.0 /	14.32080 (82, 1)	22.37438 (82, 1)	26.59178 (82, 1)	27.87346 (82, 1)	25.02784 (82, 1)
120.0 /	15.53621 (82, 1)	24.35319 (82, 1)	29.05533 (82, 1)	30.50175 (82, 1)	27.30326 (82, 1)
110.0 /	5.92166 (82, 1)	9.07052 (82, 1)	10.64446 (82, 1)	11.02563 (82, 1)	9.76383 (82, 1)
100.0 /	3.35023C(141, 1)	5.36709C(141, 1)	6.48233C(141, 1)	7.01732C(141, 1)	6.26252C(141, 1)
90.0 /	3.51201C(61, 1)	5.38168C(61, 1)	6.53246C(61, 1)	6.99650C(61, 1)	5.97650C(61, 1)
80.0 /	5.65686C(77, 1)	9.18448C(77, 1)	11.14556C(77, 1)	11.89615C(77, 1)	10.63149C(77, 1)
70.0 /	3.83167C(28, 1)	5.86945C(28, 1)	6.85858C(28, 1)	7.36968C(28, 1)	6.41497C(28, 1)
60.0 /	3.93161C(7, 1)	6.16053C(7, 1)	7.29766C(7, 1)	7.68462C(7, 1)	6.76263C(7, 1)
50.0 /	6.71787C(77, 1)	10.53674 (64, 1)	12.79811 (64, 1)	13.52696 (64, 1)	12.20496 (64, 1)
40.0 /	4.57637C(77, 1)	7.23134C(77, 1)	8.66912C(77, 1)	8.97862C(77, 1)	7.56479C(77, 1)
30.0 /	3.96373 (33, 1)	6.32781 (33, 1)	7.59653 (33, 1)	8.10349 (33, 1)	7.19190 (33, 1)
20.0 /	5.79430 (230, 1)	9.05963 (230, 1)	10.76008 (230, 1)	11.61028 (230, 1)	10.24690 (230, 1)
10.0 /	6.38071 (230, 1)	10.06600 (230, 1)	12.05160 (230, 1)	12.86484 (230, 1)	11.49120 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 45.03625 AND OCCURRED AT (250.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	7.49661 (229, 1)	6.64282 (229, 1)	5.92830 (229, 1)	5.32897 (229, 1)
350.0 /	3.59370C(239, 1)	3.56715C(239, 1)	3.71750C(219, 1)	3.91268C(219, 1)
340.0 /	6.04619 (151, 1)	6.22474 (151, 1)	6.32318 (151, 1)	6.27728 (151, 1)
330.0 /	9.81214 (228, 1)	8.72721 (228, 1)	7.80138 (228, 1)	7.01278 (228, 1)
320.0 /	16.32407 (41, 1)	14.50202 (41, 1)	12.97605 (41, 1)	11.69432 (41, 1)
310.0 /	22.36522 (146, 1)	19.90425 (146, 1)	17.81875 (146, 1)	16.05322 (146, 1)
300.0 /	29.21301 (146, 1)	26.00454 (146, 1)	23.29464 (146, 1)	21.00615 (146, 1)
290.0 /	23.47192 (87, 1)	20.70646 (87, 1)	18.40295 (87, 1)	16.47416 (87, 1)
280.0 /	29.70533 (308, 1)	26.42414 (308, 1)	23.63628 (308, 1)	21.27243 (308, 1)
270.0 /	23.12150 (47, 1)	20.54047 (47, 1)	18.33473 (47, 1)	16.45575 (47, 1)
260.0 /	28.48919 (180, 1)	25.81742 (180, 1)	23.35920 (180, 1)	21.16548 (180, 1)
250.0 /	24.38793 (306, 1)	21.77745 (306, 1)	19.54777 (306, 1)	17.64885 (306, 1)
240.0 /	35.87382 (97, 1)	32.04448 (97, 1)	28.74527 (97, 1)	25.91736 (97, 1)
230.0 /	11.57840 (97, 1)	10.22530 (97, 1)	9.07497 (97, 1)	8.10026 (97, 1)
220.0 /	6.37544 (288, 1)	5.65260 (288, 1)	5.04575 (288, 1)	4.77428 (262, 1)
210.0 /	4.91165 (287, 1)	4.27082 (287, 1)	4.01512 (288, 1)	3.65105 (288, 1)
200.0 /	3.41972 (43, 1)	3.04253 (43, 1)	2.72502 (43, 1)	2.45746 (43, 1)
190.0 /	3.88231C(18, 1)	3.46125C(18, 1)	3.11030C(18, 1)	2.98093 (34, 1)
180.0 /	12.99757 (34, 1)	11.34576 (34, 1)	10.01784 (34, 1)	8.93601 (34, 1)
170.0 /	19.62114 (17, 1)	17.41007 (17, 1)	15.55160 (17, 1)	13.98744 (17, 1)
160.0 /	18.44218 (339, 1)	16.39628 (339, 1)	14.66899 (339, 1)	13.21074 (339, 1)
150.0 /	16.14132 (12, 1)	14.31950 (83, 1)	12.84112 (83, 1)	11.55209 (83, 1)
140.0 /	14.70991 (79, 1)	13.07580 (79, 1)	11.70304 (353, 1)	10.48434 (353, 1)
130.0 /	22.32253 (82, 1)	19.89808 (82, 1)	17.86411 (78, 1)	16.05542 (78, 1)
120.0 /	24.37412 (82, 1)	21.79489 (82, 1)	19.56165 (82, 1)	17.63923 (82, 1)
110.0 /	8.63547 (82, 1)	7.65705 (82, 1)	6.81945 (82, 1)	6.10504 (82, 1)
100.0 /	5.57436C(141, 1)	4.97445C(141, 1)	4.46048C(141, 1)	4.02219C(141, 1)
90.0 /	5.29761C(61, 1)	4.80789C(61, 1)	4.42972C(61, 1)	4.12198C(61, 1)
80.0 /	9.47486C(77, 1)	8.46367C(77, 1)	7.59504C(77, 1)	6.85255C(77, 1)
70.0 /	5.61012C(28, 1)	4.94517C(28, 1)	4.39685C(28, 1)	3.94215C(28, 1)
60.0 /	5.95071C(7, 1)	5.25834C(7, 1)	4.67426C(7, 1)	4.18202C(7, 1)
50.0 /	10.95612 (64, 1)	9.83599 (64, 1)	8.85463 (64, 1)	8.00311 (64, 1)
40.0 /	6.72759 (78, 1)	6.02095 (78, 1)	5.42118 (78, 1)	4.91236 (78, 1)
30.0 /	6.37644 (33, 1)	5.67394 (33, 1)	5.07678 (33, 1)	4.68595C(160, 1)
20.0 /	9.06145 (230, 1)	8.05964 (230, 1)	7.21916 (230, 1)	6.51269 (230, 1)
10.0 /	10.25247 (230, 1)	9.17462 (230, 1)	8.24933 (230, 1)	7.45751 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	53.26379	1	305	250.0	240.0	26	37.22386	1	146	250.0	300.0
2	50.66717	1	305	200.0	240.0	27	37.00941	1	88	400.0	300.0
3	50.26794	1	88	250.0	300.0	28	36.58731	1	45	250.0	240.0
4	47.87877	1	305	300.0	240.0	29	36.20538	1	101	250.0	280.0
5	46.98158	1	88	200.0	300.0	30	35.87382	1	97	350.0	240.0
6	45.73766	1	88	300.0	300.0	31	35.64092	1	305	300.0	250.0
7	45.03625	1	97	250.0	240.0	32	35.53724	1	78	300.0	120.0
8	42.98693	1	46	250.0	260.0	33	35.44513	1	97	150.0	240.0
9	42.89105	1	305	350.0	240.0	34	35.41701	1	308	200.0	280.0
10	42.58630	1	97	200.0	240.0	35	35.13374	1	47	250.0	260.0
11	42.25445	1	305	150.0	240.0	36	34.59981	1	305	450.0	240.0
12	42.14803	1	107	250.0	280.0	37	34.58780	1	146	200.0	300.0
13	41.19613	1	88	350.0	300.0	38	34.50067	1	45	200.0	240.0
14	41.10727	1	46	200.0	260.0	39	34.48106	1	46	150.0	260.0
15	40.24529	1	97	300.0	240.0	40	34.27583	1	46	350.0	260.0
16	40.06565	1	107	200.0	280.0	41	33.96433	1	107	350.0	280.0
17	39.82984	1	305	250.0	250.0	42	33.57344	1	180	250.0	260.0
18	39.24554	1	88	150.0	300.0	43	33.51805	1	308	300.0	280.0
19	39.19176	1	78	250.0	120.0	44	33.48621	1	101	200.0	280.0
20	38.46140	1	305	400.0	240.0	45	33.32718	1	107	150.0	280.0
21	38.44408	1	46	300.0	260.0	46	33.31792	1	47	200.0	260.0
22	38.03295	1	305	200.0	250.0	47	33.29209	1	88	450.0	300.0
23	38.00908	1	78	200.0	120.0	48	33.01199	1	353	250.0	150.0
24	37.90941	1	107	300.0	280.0	49	32.97143	1	146	300.0	300.0
25	37.79032	1	308	250.0	280.0	50	32.68575	1	45	300.0	240.0

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 778.84080 AND OCCURRED AT (350.0, 100.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	48.60445 (81,15)	168.68710 (81,15)	288.24660 (81,15)	416.12230 (81,15)	445.29250 (81,15)
350.0 /	5.55170 (229, 4)	28.56170 (229, 4)	53.13595 (229, 4)	94.56433 (229, 4)	112.15210 (229, 4)
340.0 /	3.45550 (229, 4)	17.43540 (229, 4)	49.33163 (133,14)	92.14869 (156,11)	145.28850 (151,13)
330.0 /	48.31232 (228,10)	144.96690 (228,10)	234.41550 (228,10)	315.89510 (228,10)	325.67650 (228,10)
320.0 /	48.31263 (228,10)	144.96790 (228,10)	234.41720 (228,10)	315.89730 (228,10)	325.67900 (228,10)
310.0 /	19.19720 (88,12)	74.25238 (88,12)	258.26920 (88,12)	407.90370 (88,12)	479.14040 (88,12)
300.0 /	68.87686 (88,11)	222.35980 (88,11)	373.33440 (88,11)	523.53670 (88,11)	607.26930 (88,12)
290.0 /	21.58203 (47,14)	78.54613 (47,14)	173.40240 (143,12)	309.46060 (143,12)	402.96080 (143,12)
280.0 /	26.80225 (107,10)	103.26800 (107,11)	184.54570 (107,11)	289.75340 (107,11)	346.33770 (101,11)
270.0 /	96.78855 (306, 4)	253.64680 (306, 4)	394.57790 (306, 4)	505.86760 (306, 4)	513.71480 (306, 4)
260.0 /	60.73055 (306, 4)	186.27190 (305,12)	318.99440 (305,12)	461.25200 (305,12)	494.53300 (305,12)
250.0 /	63.44341 (305, 9)	206.20590 (305, 9)	346.01520 (305, 9)	485.05440 (305, 9)	532.65690 (106,13)
240.0 /	67.45416 (305,16)	221.55620 (305,16)	373.47550 (305,16)	525.36790 (305,16)	556.85210 (305,16)
230.0 /	10.80122 (306,11)	47.99979 (306,11)	121.29120 (180,14)	215.03820 (180,14)	277.86710 (180,14)
220.0 /	6.73468 (306,11)	29.31014 (306,11)	51.75475 (306,11)	83.73494 (306,11)	93.70705 (306,11)
210.0 /	1.10646 (287,18)	11.34885 (171,14)	58.85785 (171,14)	126.16870 (171,14)	187.47410 (171,14)
200.0 /	.74534 (43,19)	7.10971 (171,14)	36.87206 (171,14)	78.54831 (171,14)	115.79060 (171,14)
190.0 /	.21040 (10,11)	2.62730 (198,11)	16.12801 (198,11)	44.97551 (198,11)	79.55317 (198,11)
180.0 /	3.02431 (12,23)	12.28068 (12,23)	22.23026 (12,23)	41.59575 (12,23)	56.03674 (343,11)
170.0 /	35.02929 (353, 8)	103.71970 (353, 8)	168.54720 (353, 8)	234.07370 (353, 8)	242.74990 (353, 8)
160.0 /	35.02951 (353, 8)	103.72030 (353, 8)	168.54830 (353, 8)	234.07540 (353, 8)	242.75160 (353, 8)
150.0 /	18.20613 (353, 9)	66.52315 (353, 9)	154.45390 (83,13)	277.03750 (83,13)	362.05180 (83,13)
140.0 /	115.76230 (78,13)	230.49850 (78,13)	316.41530 (78,13)	439.54800 (82,12)	546.32340 (82,12)
130.0 /	184.04510 (78,13)	376.38970 (78,13)	527.30750 (78,13)	614.68740 (78,13)	604.13470 (78,13)
120.0 /	72.28040 (78,14)	228.87710 (78,14)	382.82460 (78,14)	535.24310 (78,14)	564.99760 (78,14)
110.0 /	39.77219 (78,18)	142.52060 (78,18)	246.76170 (78,18)	367.40700 (78,18)	398.47380 (78,18)
100.0 /	36.77527 (78,12)	126.17590 (78,12)	405.50510 (78,12)	640.21040 (78,12)	753.02210 (78,12)
90.0 /	23.11819 (231,15)	95.81434 (231,15)	171.08360 (231,15)	268.45600 (231,15)	298.93670 (231,15)
80.0 /	36.92992 (64,14)	110.30330 (64,14)	176.80060 (64,14)	236.70720 (64,14)	242.38360 (64,14)
70.0 /	68.46297 (64,15)	226.70550 (64,15)	383.14820 (64,15)	540.04660 (64,15)	573.32730 (64,15)
60.0 /	11.98120 (77,13)	43.24365 (77,13)	72.27909 (77,13)	104.80960 (77,13)	110.55210 (77,13)
50.0 /	30.70176 (77,13)	116.00210 (77,13)	201.77420 (77,13)	301.56180 (77,13)	327.41210 (77,13)
40.0 /	120.05420 (138,17)	234.31590 (138,17)	318.18380 (138,17)	362.14440 (138,17)	349.92070 (138,17)
30.0 /	190.82440 (138,17)	382.57280 (138,17)	530.20100 (138,17)	612.77470 (138,17)	600.99420 (138,17)
20.0 /	3.58946 (64, 9)	18.22997 (160,12)	66.93314 (160,12)	109.71490 (160,12)	132.37410 (160,12)
10.0 /	21.39049 (229, 6)	85.18798 (229, 6)	150.39590 (229, 6)	233.92910 (229, 6)	258.65920 (229, 6)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 778.84080 AND OCCURRED AT (350.0, 100.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	451.90890 (81,15)	445.11990 (81,15)	430.93740 (81,15)	413.04620 (81,15)
350.0 /	140.25610 (239,11)	163.48280 (239,11)	178.38260 (239,11)	186.71040 (239,11)
340.0 /	189.86950 (151,13)	222.21460 (151,13)	243.45060 (151,13)	255.82600 (151,13)
330.0 /	350.50000 (94,12)	363.76020 (94,12)	361.97500 (94,12)	351.52910 (94,12)
320.0 /	350.50120 (94,12)	363.76150 (94,12)	361.97640 (94,12)	351.53020 (94,12)
310.0 /	494.51720 (88,12)	483.68470 (88,13)	483.99010 (88,13)	472.48170 (88,13)
300.0 /	629.55040 (88,12)	613.44670 (88,12)	579.39900 (88,12)	538.61770 (88,12)
290.0 /	453.14040 (143,12)	472.29830 (143,12)	471.92190 (143,12)	460.11370 (143,12)
280.0 /	397.91010 (106,11)	423.87320 (106,11)	431.07200 (106,11)	426.45140 (106,11)
270.0 /	501.80680 (306, 4)	479.31520 (306, 4)	452.00220 (306, 4)	423.23620 (306, 4)
260.0 /	502.84410 (305,12)	496.21890 (305,12)	481.27960 (305,12)	462.10170 (305,12)
250.0 /	576.10040 (106,13)	581.97750 (106,13)	566.86110 (106,13)	541.09610 (106,13)
240.0 /	561.30820 (305,16)	549.92410 (305,16)	530.01120 (305,16)	506.01820 (305,16)
230.0 /	310.06720 (180,14)	320.78600 (180,14)	318.28060 (180,14)	308.25830 (180,14)
220.0 /	98.10812 (306,11)	98.91339 (306,11)	111.23900 (271,12)	162.00390 (112,12)
210.0 /	232.70050 (171,14)	261.77910 (171,14)	277.92990 (171,14)	284.67750 (171,14)
200.0 /	142.53550 (171,14)	159.04010 (171,14)	167.52420 (171,14)	170.29950 (171,14)
190.0 /	111.55910 (198,11)	137.22160 (198,11)	165.88490 (198,11)	186.53160 (198,11)
180.0 /	71.61200 (198,11)	87.69234 (198,11)	104.87340 (198,11)	117.45460 (198,11)
170.0 /	240.44960 (353, 8)	232.24580 (353, 8)	221.20700 (353, 8)	209.08380 (353, 8)
160.0 /	250.95240 (83,13)	259.86170 (83,13)	257.93640 (83,13)	249.82980 (83,13)
150.0 /	408.23030 (83,13)	426.35310 (83,13)	426.67830 (83,13)	416.50810 (83,13)
140.0 /	592.35780 (82,12)	599.72770 (82,12)	585.30410 (82,12)	559.68950 (82,12)
130.0 /	605.03440 (75,13)	593.12460 (75,13)	563.14360 (75,13)	525.89010 (75,13)
120.0 /	568.03500 (78,14)	555.58970 (78,14)	534.91280 (78,14)	510.37810 (78,14)
110.0 /	408.82830 (78,18)	406.52730 (78,18)	396.94630 (78,18)	383.43760 (78,18)
100.0 /	778.84080 (78,12)	757.56570 (78,12)	714.57290 (78,12)	663.65580 (78,12)
90.0 /	312.61860 (231,15)	315.46870 (231,15)	311.69500 (231,15)	304.03750 (231,15)
80.0 /	237.32920 (64,14)	226.64700 (64,14)	213.45360 (64,14)	199.51850 (64,14)
70.0 /	578.62740 (64,15)	567.45060 (64,15)	547.34760 (64,15)	522.92990 (64,15)
60.0 /	122.93080 (77,14)	134.75470 (77,14)	151.70540 (172,12)	170.52960 (172,12)
50.0 /	335.70400 (77,13)	333.27710 (77,13)	324.71950 (77,13)	312.89480 (77,13)
40.0 /	331.10000 (138,17)	309.28190 (138,17)	286.69450 (138,17)	273.20240 (230,14)
30.0 /	606.85410 (160,12)	612.77870 (160,12)	596.68570 (160,12)	569.45390 (160,12)
20.0 /	155.08240 (172,13)	166.90980 (172,13)	170.76320 (172,13)	169.45370 (172,13)
10.0 /	269.03440 (229, 6)	270.30340 (229, 6)	266.09680 (229, 6)	258.74760 (229, 6)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 579.60500 AND OCCURRED AT (300.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	12.73312 (81,13)	56.99739 (81,13)	103.38970 (81,13)	170.80690 (81,13)	194.87970 (81,13)
350.0 /	1.72152 (81,15)	5.04910 (81,15)	28.68899 (239,11)	67.84721 (239,11)	107.74720 (239,11)
340.0 /	.52467 (81,11)	15.00999 (133,14)	44.30687 (195,13)	91.19195 (133,14)	136.12740 (156,11)
330.0 /	3.56139 (81,11)	34.06087 (94,12)	135.69990 (94,12)	241.40200 (94,12)	313.04070 (94,12)
320.0 /	6.78764 (32,13)	34.06097 (94,12)	135.70030 (94,12)	241.40270 (94,12)	313.04180 (94,12)
310.0 /	10.88605 (32,13)	48.04265 (32,13)	176.17320 (88,13)	315.15550 (88,13)	411.24730 (88,13)
300.0 /	23.69351 (88,12)	93.39677 (88,12)	324.84880 (88,12)	514.77920 (88,12)	553.69390 (88,11)
290.0 /	21.46196 (48,11)	78.48478 (48,11)	163.13480 (143,13)	290.99940 (143,13)	378.63600 (143,13)
280.0 /	25.12317 (107,11)	98.08025 (107,10)	168.60400 (107,10)	266.41170 (101,11)	344.22160 (106,11)
270.0 /	26.95194 (47,10)	98.15781 (47,10)	168.57450 (47,10)	249.49530 (47,10)	318.84880 (180,13)
260.0 /	53.85524 (305,12)	155.13880 (306, 4)	236.53880 (306, 4)	298.74880 (306, 4)	318.84910 (180,13)
250.0 /	16.09510 (47, 6)	69.70364 (47, 6)	256.45010 (106,13)	429.74820 (106,13)	512.56180 (305, 9)
240.0 /	51.86726 (305,10)	181.37660 (305,10)	311.12270 (305,10)	450.45750 (305,10)	483.30580 (305,10)
230.0 /	10.25973 (305,16)	47.64019 (180,15)	86.73666 (180,15)	143.72810 (180,15)	164.12180 (180,15)
220.0 /	.79179 (304,22)	5.80323 (288,12)	12.31656 (271,12)	33.28245 (271,12)	57.82391 (271,12)
210.0 /	.85857 (96,19)	8.42425 (287,18)	17.33601 (287,18)	40.36046 (287,18)	66.58164 (132,13)
200.0 /	.27570 (140,17)	4.75840 (43,19)	13.30100 (132,13)	37.40502 (132,13)	66.58157 (132,13)
190.0 /	.11913 (343,11)	1.19018 (10,11)	4.28680 (132,13)	12.01524 (132,13)	25.61534 (190,12)
180.0 /	2.00422 (17, 9)	9.15479 (17, 9)	17.77118 (343,11)	40.73172 (343,11)	53.63832 (10,11)
170.0 /	9.58676 (12,13)	39.57934 (12,13)	71.89469 (12,13)	125.35600 (12,13)	146.88150 (12,13)
160.0 /	10.47996 (353, 6)	42.70499 (353, 6)	97.26154 (83,13)	173.26520 (83,13)	224.52130 (83,13)
150.0 /	17.65371 (12,11)	66.21156 (12,11)	117.40450 (39,17)	194.52550 (39,17)	222.58860 (39,17)
140.0 /	18.93743 (12,12)	71.24820 (12,12)	261.52030 (82,12)	363.25610 (78,13)	351.74090 (78,13)
130.0 /	31.21922 (75,14)	116.26590 (75,14)	305.13800 (75,13)	487.53850 (75,13)	579.60500 (75,13)
120.0 /	60.88975 (78,20)	185.01530 (78,20)	304.54240 (82,10)	422.70000 (82,10)	457.25310 (75,13)
110.0 /	36.67813 (78,15)	132.23150 (78,15)	228.70620 (78,15)	340.27140 (78,15)	368.63550 (78,15)
100.0 /	26.50523 (75,16)	97.92781 (75,16)	168.66770 (75,16)	250.19630 (75,16)	269.85420 (75,16)
90.0 /	16.56684 (75,16)	59.82519 (75,16)	161.24050 (78,12)	251.18850 (78,12)	290.43610 (78,12)
80.0 /	21.10559 (64,13)	78.30483 (64,13)	134.05870 (64,13)	197.96100 (64,13)	212.47040 (64,13)
70.0 /	66.89271 (64,16)	221.24130 (64,16)	373.54480 (64,16)	526.12100 (64,16)	558.14170 (64,16)
60.0 /	6.57803 (230,17)	29.23264 (230,17)	51.80111 (230,17)	84.04488 (230,17)	105.90240 (77,14)
50.0 /	10.55070 (230,17)	47.87526 (230,17)	86.54652 (230,17)	142.61070 (230,17)	170.04850 (64,12)
40.0 /	15.60139 (230,14)	70.98017 (230,14)	130.05940 (230,14)	216.56090 (230,14)	248.82980 (230,14)
30.0 /	45.25862 (192, 4)	122.40010 (192, 4)	270.90420 (160,12)	453.37870 (160,12)	561.44230 (160,12)
20.0 /	2.94782 (229,24)	17.50534 (64, 9)	48.53174 (172,13)	95.08448 (172,13)	131.90930 (172,13)
10.0 /	14.65663 (230, 1)	64.59470 (230, 1)	117.33970 (230, 1)	194.05480 (230, 1)	221.76340 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 579.60500 AND OCCURRED AT (300.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	207.57930 (81,13)	220.30170 (140,13)	241.49120 (140,13)	253.88680 (140,13)
350.0 /	122.92180 (229, 4)	133.29800 (114,13)	161.62290 (114,13)	182.17760 (114,13)
340.0 /	167.96200 (156,11)	187.85630 (156,11)	198.33980 (156,11)	202.08210 (156,11)
330.0 /	320.89020 (228,10)	308.23840 (228,10)	316.55390 (133,14)	323.17090 (133,14)
320.0 /	320.89280 (228,10)	308.24080 (228,10)	291.88460 (228,10)	280.11150 (165,12)
310.0 /	463.31460 (88,13)	479.77200 (88,12)	451.25190 (88,12)	417.82210 (88,12)
300.0 /	557.30070 (88,11)	545.44170 (88,11)	525.31580 (88,11)	501.28200 (88,11)
290.0 /	425.42620 (143,13)	443.02940 (143,13)	442.29870 (143,13)	430.87390 (143,13)
280.0 /	388.73060 (101,11)	404.37210 (101,11)	403.26170 (101,11)	392.42040 (101,11)
270.0 /	356.48210 (180,13)	369.52640 (180,13)	367.34630 (180,13)	356.44390 (180,13)
260.0 /	356.48250 (180,13)	369.52680 (180,13)	367.34670 (180,13)	363.95760 (226,14)
250.0 /	532.73720 (106,12)	546.40950 (106,12)	538.95150 (106,12)	519.91680 (106,12)
240.0 /	491.58340 (305,10)	485.14110 (305,10)	470.49860 (305,10)	451.67250 (305,10)
230.0 /	174.68550 (180,15)	178.60350 (180,15)	178.25850 (180,15)	178.05670 (267,10)
220.0 /	80.27473 (271,12)	98.19617 (271,12)	97.52223 (306,11)	157.93910 (262,13)
210.0 /	93.73219 (132,13)	115.57370 (132,13)	139.82040 (132,13)	157.93910 (262,12)
200.0 /	93.73212 (132,13)	115.57360 (132,13)	139.82030 (132,13)	157.54110 (132,13)
190.0 /	41.77765 (190,12)	57.42243 (190,12)	76.95045 (190,12)	93.93100 (190,12)
180.0 /	68.79456 (343,11)	78.85607 (343,11)	86.49287 (343,11)	92.09477 (343,11)
170.0 /	160.10800 (12,13)	167.34850 (12,13)	170.45850 (12,13)	170.77530 (12,13)
160.0 /	240.45130 (353, 8)	232.24760 (353, 8)	221.20870 (353, 8)	209.08530 (353, 8)
150.0 /	237.75000 (39,17)	244.10700 (39,17)	244.73890 (39,17)	241.75230 (39,17)
140.0 /	333.02630 (78,13)	311.02910 (78,13)	288.16000 (78,13)	272.48380 (83,12)
130.0 /	579.53170 (78,13)	547.65120 (78,13)	512.84400 (78,13)	477.73280 (78,13)
120.0 /	475.19600 (75,13)	463.81630 (75,13)	438.53460 (75,13)	407.89810 (75,13)
110.0 /	377.75020 (78,15)	375.14820 (78,15)	365.84370 (78,15)	352.95550 (78,15)
100.0 /	275.16940 (75,16)	271.88830 (75,16)	263.80220 (75,16)	253.24380 (75,16)
90.0 /	295.08260 (78,12)	282.03920 (78,12)	261.59570 (78,12)	239.09330 (78,12)
80.0 /	215.63200 (64,13)	212.09950 (64,13)	204.90860 (64,13)	195.90560 (64,13)
70.0 /	562.94180 (64,16)	551.74980 (64,16)	531.92230 (64,16)	507.94550 (64,16)
60.0 /	110.47560 (77,13)	125.67950 (172,12)	142.48630 (77,14)	147.12410 (77,14)
50.0 /	188.58460 (64,12)	199.45070 (64,12)	204.86120 (64,12)	206.49430 (64,12)
40.0 /	266.67240 (230,14)	274.58070 (230,14)	275.97160 (230,14)	264.62560 (138,17)
30.0 /	576.17760 (138,17)	544.57840 (138,17)	510.24330 (138,17)	475.63490 (138,17)
20.0 /	139.28360 (160,12)	136.99390 (160,12)	146.54230 (114,11)	165.25380 (114,11)
10.0 /	236.67350 (230, 1)	242.86990 (230, 1)	243.40970 (230, 1)	240.37930 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	778.84080	12	78	350.0	100.0	26	578.62740	15	64	350.0	70.0
2	757.56570	12	78	400.0	100.0	27	576.17760	17	138	350.0	30.0
3	753.02210	12	78	300.0	100.0	28	576.10040	13	106	350.0	250.0
4	714.57290	12	78	450.0	100.0	29	573.32730	15	64	300.0	70.0
5	663.65580	12	78	500.0	100.0	30	569.45390	12	160	500.0	30.0
6	640.21040	12	78	250.0	100.0	31	568.03500	14	78	350.0	120.0
7	629.55040	12	88	350.0	300.0	32	567.45060	15	64	400.0	70.0
8	614.68740	13	78	250.0	130.0	33	566.86110	13	106	450.0	250.0
9	613.44670	12	88	400.0	300.0	34	564.99760	14	78	300.0	120.0
10	612.77870	12	160	400.0	30.0	35	563.14360	13	75	450.0	130.0
11	612.77470	17	138	250.0	30.0	36	562.94180	16	64	350.0	70.0
12	607.26930	12	88	300.0	300.0	37	561.44230	12	160	300.0	30.0
13	606.85410	12	160	350.0	30.0	38	561.30820	16	305	350.0	240.0
14	605.03440	13	75	350.0	130.0	39	559.68950	12	82	500.0	140.0
15	604.13470	13	78	300.0	130.0	40	558.14170	16	64	300.0	70.0
16	600.99420	17	138	300.0	30.0	41	557.30070	11	88	350.0	300.0
17	599.72770	12	82	400.0	140.0	42	556.85210	16	305	300.0	240.0
18	596.68570	12	160	450.0	30.0	43	555.58970	14	78	400.0	120.0
19	593.12460	13	75	400.0	130.0	44	553.69390	11	88	300.0	300.0
20	592.35780	12	82	350.0	140.0	45	551.74980	16	64	400.0	70.0
21	585.30410	12	82	450.0	140.0	46	549.92410	16	305	400.0	240.0
22	581.97750	13	106	400.0	250.0	47	547.65120	13	78	400.0	130.0
23	579.60500	13	75	300.0	130.0	48	547.34760	15	64	450.0	70.0
24	579.53170	13	78	350.0	130.0	49	546.40950	12	106	400.0	250.0
25	579.39900	12	88	450.0	300.0	50	546.32340	12	82	300.0	140.0

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.49720 AND OCCURRED AT (350.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	20.44997 (81, 5)	75.28757 (81, 5)	130.68380 (81, 5)	196.23540 (81, 5)	214.40060 (81, 5)
350.0 /	1.86676 (229, 2)	9.67240 (229, 2)	18.05523 (229, 2)	32.95868 (229, 2)	50.11166 (239, 4)
340.0 /	1.15390 (229, 2)	5.84131 (229, 2)	17.97429 (195, 5)	41.31953 (239, 4)	69.63103 (239, 4)
330.0 /	16.10411 (228, 4)	48.32234 (228, 4)	78.13857 (228, 4)	105.29850 (228, 4)	115.59000 (195, 5)
320.0 /	16.10627 (228, 4)	48.35214 (228, 4)	78.20577 (228, 4)	105.57530 (228, 4)	116.95750 (94, 4)
310.0 /	12.65465 (88, 4)	48.80447 (88, 4)	127.87560 (88, 4)	203.35420 (88, 4)	236.07290 (88, 4)
300.0 /	31.01186 (88, 4)	105.94110 (88, 4)	233.87190 (88, 4)	347.96630 (88, 4)	389.02590 (88, 4)
290.0 /	8.81671 (47, 5)	33.24598 (47, 5)	82.35698 (143, 4)	151.78480 (143, 4)	202.55530 (143, 4)
280.0 /	17.37118 (107, 4)	67.46277 (107, 4)	118.31770 (107, 4)	180.91600 (107, 4)	198.61790 (107, 4)
270.0 /	32.26285 (306, 2)	84.54893 (306, 2)	131.52600 (306, 2)	168.62260 (306, 2)	171.23830 (306, 2)
260.0 /	20.24358 (306, 2)	62.09573 (305, 4)	106.33740 (305, 4)	163.50560 (46, 4)	181.17250 (46, 4)
250.0 /	21.15845 (305, 3)	68.88704 (305, 3)	130.88540 (106, 5)	223.98660 (106, 5)	282.21770 (106, 5)
240.0 /	22.55833 (305, 6)	74.34120 (305, 6)	127.78980 (305, 4)	193.50990 (305, 4)	213.03730 (305, 4)
230.0 /	4.21305 (306, 4)	26.04862 (180, 5)	69.34264 (180, 5)	119.58870 (180, 5)	147.32960 (180, 5)
220.0 /	2.24577 (306, 4)	9.77321 (306, 4)	17.25581 (306, 4)	27.91743 (306, 4)	31.24112 (306, 4)
210.0 /	.36882 (287, 6)	3.78295 (171, 5)	19.61928 (171, 5)	42.05625 (171, 5)	62.49136 (171, 5)
200.0 /	.24845 (43, 7)	2.36990 (171, 5)	12.29069 (171, 5)	26.18277 (171, 5)	38.59686 (171, 5)
190.0 /	.07033 (10, 4)	.87577 (198, 4)	5.37600 (198, 4)	14.99184 (198, 4)	26.51772 (198, 4)
180.0 /	1.02375 (12, 8)	4.16996 (12, 8)	7.55056 (12, 8)	14.20763 (12, 8)	18.96459 (343, 4)
170.0 /	11.68968 (353, 3)	34.64754 (353, 3)	56.32123 (353, 3)	78.36873 (353, 3)	81.40536 (353, 3)
160.0 /	12.03721 (353, 3)	36.13363 (353, 3)	59.05700 (353, 3)	84.56289 (353, 3)	90.12549 (353, 3)
150.0 /	6.24354 (12, 4)	23.25861 (12, 4)	52.44966 (83, 5)	95.02063 (83, 5)	124.79980 (83, 5)
140.0 /	38.58855 (78, 5)	76.83492 (78, 5)	105.47400 (78, 5)	153.60370 (82, 4)	191.67910 (82, 4)
130.0 /	63.62080 (78, 5)	131.83290 (78, 5)	202.61110 (75, 5)	312.03330 (75, 5)	354.30840 (75, 5)
120.0 /	29.85976 (78, 6)	102.20180 (78, 6)	173.57050 (78, 6)	251.79900 (78, 6)	279.32440 (75, 5)
110.0 /	14.49847 (78, 5)	50.44678 (78, 5)	85.86886 (78, 5)	127.00740 (78, 6)	137.18270 (78, 6)
100.0 /	12.25848 (78, 4)	42.05878 (78, 4)	135.16850 (78, 4)	213.40360 (78, 4)	251.00750 (78, 4)
90.0 /	7.70606 (231, 5)	31.93811 (231, 5)	57.02789 (231, 5)	89.48532 (231, 5)	99.64556 (231, 5)
80.0 /	21.49608 (64, 5)	69.17477 (64, 5)	113.25650 (64, 5)	157.48560 (64, 5)	164.04660 (64, 5)
70.0 /	49.50525 (64, 5)	161.81950 (64, 5)	270.75800 (64, 5)	379.66590 (64, 5)	400.80780 (64, 5)
60.0 /	5.06196 (77, 5)	21.34946 (77, 5)	37.78556 (77, 5)	62.54383 (77, 5)	72.15150 (77, 5)
50.0 /	10.29300 (77, 5)	39.01200 (77, 5)	67.86009 (77, 5)	101.61840 (77, 5)	110.42600 (77, 5)
40.0 /	40.01808 (138, 6)	78.10530 (138, 6)	106.06130 (138, 6)	120.71480 (138, 6)	116.64020 (138, 6)
30.0 /	63.60814 (138, 6)	127.52430 (138, 6)	176.73370 (138, 6)	204.25820 (138, 6)	200.33140 (138, 6)
20.0 /	1.19649 (64, 3)	6.35105 (229, 8)	22.31105 (160, 4)	38.22763 (172, 5)	56.65591 (172, 5)
10.0 /	7.13016 (229, 2)	28.39600 (229, 2)	50.13198 (229, 2)	77.97638 (229, 2)	86.21974 (229, 2)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.49720 AND OCCURRED AT (350.0, 70.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	221.37570 (81, 5)	221.31450 (81, 5)	217.09540 (81, 5)	210.54770 (81, 5)
350.0 /	66.39086 (239, 4)	78.42285 (239, 4)	86.45431 (239, 4)	91.22331 (239, 4)
340.0 /	95.12621 (239, 4)	115.41110 (239, 4)	130.25380 (239, 4)	140.32700 (239, 4)
330.0 /	145.03310 (195, 5)	165.48060 (195, 5)	185.54050 (195, 5)	197.57360 (195, 5)
320.0 /	130.43000 (94, 4)	134.85180 (94, 4)	139.01860 (195, 5)	147.95680 (195, 5)
310.0 /	246.03830 (88, 4)	243.14110 (88, 4)	233.81430 (88, 4)	221.68620 (88, 4)
300.0 /	397.69960 (88, 4)	388.34350 (88, 4)	370.20650 (88, 4)	348.50040 (88, 4)
290.0 /	232.15040 (143, 4)	245.62270 (143, 4)	248.40280 (143, 4)	244.58200 (143, 4)
280.0 /	225.92210 (213, 5)	242.83690 (213, 5)	248.69840 (213, 5)	247.40810 (213, 5)
270.0 /	167.26900 (306, 2)	159.77180 (306, 2)	150.66740 (306, 2)	144.42240 (182, 5)
260.0 /	189.07580 (46, 4)	190.69080 (46, 4)	188.45330 (46, 4)	183.94660 (46, 4)
250.0 /	309.19510 (106, 5)	315.56260 (106, 5)	309.90730 (106, 5)	297.81200 (106, 5)
240.0 /	221.26950 (305, 4)	222.27170 (305, 4)	218.89920 (305, 4)	213.00290 (305, 4)
230.0 /	161.58420 (180, 5)	166.46320 (180, 5)	165.51300 (180, 5)	161.17650 (180, 5)
220.0 /	32.70754 (306, 4)	34.45628 (271, 4)	39.36153 (271, 4)	62.91844 (262, 5)
210.0 /	77.56685 (171, 5)	87.25970 (171, 5)	92.64330 (171, 5)	94.89249 (171, 5)
200.0 /	47.51183 (171, 5)	53.01338 (171, 5)	55.84141 (171, 5)	56.76649 (171, 5)
190.0 /	37.18637 (198, 4)	45.74052 (198, 4)	55.29498 (198, 4)	62.17721 (198, 4)
180.0 /	23.87067 (198, 4)	29.23079 (198, 4)	34.95780 (198, 4)	39.15154 (198, 4)
170.0 /	87.89648 (12, 5)	93.14867 (12, 5)	95.97604 (12, 5)	97.09541 (12, 5)
160.0 /	91.81732 (353, 3)	93.30917 (83, 5)	93.68440 (83, 5)	91.82170 (83, 5)
150.0 /	141.54410 (83, 5)	148.76150 (83, 5)	149.84820 (83, 5)	147.24590 (83, 5)
140.0 /	209.01610 (82, 4)	212.97490 (82, 4)	209.24580 (82, 4)	201.44230 (82, 4)
130.0 /	365.80890 (75, 5)	359.74900 (75, 5)	344.81960 (75, 5)	326.01260 (75, 5)
120.0 /	287.08220 (75, 5)	281.10820 (75, 5)	268.34620 (75, 5)	252.73920 (75, 5)
110.0 /	140.29490 (78, 6)	139.14040 (78, 6)	135.56500 (78, 6)	130.70920 (78, 6)
100.0 /	259.61370 (78, 4)	252.52200 (78, 4)	238.19100 (78, 4)	221.21870 (78, 4)
90.0 /	104.20620 (231, 5)	105.15620 (231, 5)	103.89830 (231, 5)	101.34580 (231, 5)
80.0 /	162.74210 (64, 5)	157.12030 (64, 5)	149.39260 (64, 5)	140.84400 (64, 5)
70.0 /	402.49720 (64, 5)	392.93420 (64, 5)	377.43060 (64, 5)	359.19060 (64, 5)
60.0 /	77.80212 (77, 5)	80.63708 (77, 5)	81.56422 (77, 5)	81.23006 (77, 5)
50.0 /	113.28690 (77, 5)	120.05510 (64, 4)	125.78160 (64, 4)	128.96640 (64, 4)
40.0 /	110.36670 (138, 6)	103.09400 (138, 6)	100.73470 (230, 5)	99.38540 (230, 5)
30.0 /	202.63570 (160, 4)	205.73120 (160, 4)	203.10190 (160, 4)	198.58250 (160, 4)
20.0 /	70.77743 (172, 5)	80.44290 (172, 5)	86.39735 (172, 5)	89.52716 (172, 5)
10.0 /	89.67813 (229, 2)	90.10114 (229, 2)	88.69893 (229, 2)	86.24919 (229, 2)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 272.64010 AND OCCURRED AT (350.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	2.80009 (229, 2)	10.68459 (229, 2)	18.11181 (229, 2)	30.05001 (140, 5)	47.93851 (140, 5)
350.0 /	.66277 (81, 5)	2.01837 (81, 5)	12.59837 (239, 4)	30.80876 (239, 4)	39.84904 (229, 2)
340.0 /	.17489 (81, 4)	5.00391 (133, 5)	16.44744 (133, 5)	36.17248 (195, 5)	52.73579 (195, 5)
330.0 /	1.18783 (81, 4)	11.36328 (94, 4)	45.27168 (94, 4)	80.52908 (94, 4)	108.55910 (228, 4)
320.0 /	3.45297 (32, 5)	16.80376 (32, 5)	51.06799 (94, 4)	90.55227 (94, 4)	109.02340 (228, 4)
310.0 /	4.08144 (32, 5)	18.93296 (32, 5)	59.93681 (88, 5)	108.49470 (88, 5)	142.47710 (88, 5)
300.0 /	10.74781 (88, 3)	47.75288 (88, 3)	86.99620 (88, 3)	146.44710 (88, 3)	169.11810 (88, 3)
290.0 /	8.41324 (48, 4)	32.28459 (48, 4)	64.66940 (143, 5)	118.27360 (143, 5)	153.92880 (143, 5)
280.0 /	13.06824 (48, 4)	54.09582 (48, 4)	96.22702 (48, 4)	154.47120 (48, 4)	193.14370 (213, 5)
270.0 /	13.90331 (47, 4)	52.23381 (47, 4)	90.12941 (47, 4)	135.44050 (47, 4)	146.75100 (47, 4)
260.0 /	17.95403 (305, 4)	60.27089 (46, 4)	105.51000 (46, 4)	153.75720 (305, 4)	164.84960 (305, 4)
250.0 /	7.62788 (305, 5)	34.61793 (106, 5)	115.70590 (305, 3)	163.36560 (305, 3)	173.83670 (305, 3)
240.0 /	19.69936 (305, 4)	73.21699 (305, 4)	125.43460 (305, 6)	177.72660 (305, 6)	189.51350 (305, 6)
230.0 /	3.45642 (180, 5)	18.90650 (306, 4)	33.94703 (306, 4)	56.10030 (306, 4)	63.75169 (306, 4)
220.0 /	.26423 (304, 8)	1.93441 (288, 4)	4.17495 (271, 4)	11.38202 (271, 4)	19.95037 (271, 4)
210.0 /	.28619 (96, 7)	2.80809 (287, 6)	5.77868 (287, 6)	13.45350 (287, 6)	22.19388 (132, 5)
200.0 /	.09190 (140, 6)	1.58614 (43, 7)	4.43367 (132, 5)	12.46834 (132, 5)	22.19386 (132, 5)
190.0 /	.05785 (18, 1)	.39938 (10, 4)	1.42893 (132, 5)	4.00508 (132, 5)	8.53845 (190, 4)
180.0 /	.66888 (18, 1)	3.16974 (18, 1)	6.11525 (18, 1)	13.79133 (343, 4)	18.49916 (10, 4)
170.0 /	4.63974 (12, 5)	19.91309 (12, 5)	36.59962 (12, 5)	66.20204 (12, 5)	79.27483 (12, 5)
160.0 /	3.61572 (353, 2)	15.01800 (353, 2)	33.38556 (83, 5)	60.43073 (83, 5)	78.96257 (83, 5)
150.0 /	6.17267 (353, 3)	22.45865 (353, 3)	40.86480 (12, 4)	65.81584 (12, 4)	74.19621 (39, 6)
140.0 /	7.73530 (12, 4)	28.75848 (12, 4)	90.35228 (82, 4)	121.08770 (78, 5)	117.24880 (78, 5)
130.0 /	21.39706 (75, 5)	87.68721 (75, 5)	185.40270 (78, 5)	217.38670 (78, 5)	213.63150 (78, 5)
120.0 /	25.60751 (78, 7)	82.82824 (78, 7)	161.18290 (75, 5)	247.15390 (75, 5)	269.00670 (78, 6)
110.0 /	14.09095 (78, 6)	49.89429 (78, 6)	85.75822 (78, 6)	125.91470 (78, 5)	135.13180 (78, 5)
100.0 /	8.83508 (75, 6)	32.64260 (75, 6)	56.22256 (75, 6)	83.39877 (75, 6)	89.95141 (75, 6)
90.0 /	5.52228 (75, 6)	19.94173 (75, 6)	53.74685 (78, 4)	83.72951 (78, 4)	96.81203 (78, 4)
80.0 /	3.39121 (64, 6)	10.17818 (64, 6)	15.86032 (64, 6)	21.03493 (64, 6)	29.63640 (203, 4)
70.0 /	22.29757 (64, 6)	73.74711 (64, 6)	124.51490 (64, 6)	175.37370 (64, 6)	186.04720 (64, 6)
60.0 /	2.54971 (230, 6)	11.87362 (230, 6)	21.24938 (230, 6)	35.69421 (230, 6)	40.87321 (230, 6)
50.0 /	4.44418 (230, 6)	21.68487 (230, 6)	40.91727 (64, 4)	78.08382 (64, 4)	97.23358 (64, 4)
40.0 /	5.96042 (230, 5)	26.83557 (230, 5)	48.71753 (230, 5)	80.57299 (230, 5)	92.03281 (230, 5)
30.0 /	15.08621 (192, 2)	40.80003 (192, 2)	90.30141 (160, 4)	151.12730 (160, 4)	187.18650 (160, 4)
20.0 /	1.06883 (229, 8)	6.07666 (160, 4)	18.22678 (172, 5)	36.57174 (160, 4)	44.12975 (160, 4)
10.0 /	5.60617 (81, 5)	21.63071 (230, 1)	39.34655 (230, 1)	65.69452 (230, 1)	75.64670 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 272.64010 AND OCCURRED AT (350.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	62.70193 (140, 5)	73.43391 (140, 5)	80.49709 (140, 5)	84.62894 (140, 5)
350.0 /	44.79840 (229, 2)	53.70370 (114, 5)	65.64977 (114, 5)	74.63634 (114, 5)
340.0 /	64.91519 (195, 5)	74.13318 (151, 5)	81.25517 (151, 5)	85.43619 (151, 5)
330.0 /	116.90250 (94, 4)	121.31660 (94, 4)	120.71390 (94, 4)	118.40030 (222, 5)
320.0 /	108.71830 (195, 5)	124.60520 (195, 5)	133.71740 (94, 4)	130.78820 (133, 5)
310.0 /	161.68710 (88, 5)	170.10810 (88, 5)	171.57580 (88, 5)	168.84470 (88, 5)
300.0 /	182.04390 (88, 3)	188.16250 (88, 3)	189.74660 (88, 3)	188.38540 (88, 3)
290.0 /	174.47350 (143, 5)	183.93130 (143, 5)	186.16100 (143, 5)	183.94950 (143, 5)
280.0 /	205.47160 (107, 4)	205.53600 (107, 4)	201.58910 (107, 4)	197.35450 (205, 4)
270.0 /	150.12970 (47, 4)	148.71390 (47, 4)	144.58530 (47, 4)	141.07880 (306, 2)
260.0 /	167.61890 (305, 4)	166.70160 (226, 5)	177.79530 (226, 5)	183.04670 (226, 5)
250.0 /	183.43810 (181, 5)	203.69470 (181, 5)	214.26040 (181, 5)	217.98460 (181, 5)
240.0 /	192.56020 (305, 6)	190.31240 (305, 6)	185.12380 (305, 6)	179.97660 (97, 4)
230.0 /	67.60944 (306, 4)	68.92750 (306, 4)	68.63078 (306, 4)	73.32596 (271, 4)
220.0 /	27.93226 (271, 4)	32.97533 (306, 4)	36.27396 (262, 5)	54.00131 (112, 4)
210.0 /	31.24406 (132, 5)	38.52458 (132, 5)	46.60679 (132, 5)	58.69891 (262, 5)
200.0 /	31.24404 (132, 5)	38.52454 (132, 5)	46.60676 (132, 5)	52.51369 (132, 5)
190.0 /	13.92588 (190, 4)	19.14081 (190, 4)	25.65015 (190, 4)	33.71379 (76, 4)
180.0 /	23.28951 (343, 4)	26.77119 (10, 4)	29.84591 (10, 4)	32.30410 (10, 4)
170.0 /	80.75838 (353, 3)	78.11517 (353, 3)	74.50083 (353, 3)	70.50301 (353, 3)
160.0 /	89.13774 (83, 5)	91.22037 (353, 3)	89.33197 (353, 3)	86.75228 (353, 3)
150.0 /	79.25002 (39, 6)	81.36902 (39, 6)	81.57964 (39, 6)	80.58411 (39, 6)
140.0 /	125.55470 (83, 4)	128.34180 (83, 4)	126.59150 (83, 4)	122.34160 (83, 4)
130.0 /	204.72100 (78, 5)	193.19750 (78, 5)	180.66280 (78, 5)	168.06480 (78, 5)
120.0 /	272.64010 (78, 6)	268.28510 (78, 6)	259.56300 (78, 6)	248.67260 (78, 6)
110.0 /	137.46050 (78, 5)	135.69650 (78, 5)	131.66280 (78, 5)	126.47240 (78, 5)
100.0 /	91.72314 (75, 6)	90.62944 (75, 6)	87.93407 (75, 6)	84.41460 (75, 6)
90.0 /	98.36089 (78, 4)	94.01308 (78, 4)	87.19857 (78, 4)	79.69777 (78, 4)
80.0 /	41.40039 (203, 4)	50.97795 (203, 4)	58.16317 (203, 4)	63.24548 (203, 4)
70.0 /	187.64730 (64, 6)	183.91660 (64, 6)	177.30740 (64, 6)	169.31520 (64, 6)
60.0 /	43.56085 (230, 6)	44.54989 (230, 6)	56.23487 (172, 4)	68.62688 (172, 4)
50.0 /	110.89380 (64, 4)	112.50930 (77, 5)	109.64550 (77, 5)	105.66660 (77, 5)
40.0 /	98.13838 (230, 5)	100.61060 (230, 5)	95.56485 (138, 6)	88.20853 (138, 6)
30.0 /	192.05920 (138, 6)	181.52610 (138, 6)	170.08110 (138, 6)	158.54500 (138, 6)
20.0 /	46.47941 (160, 4)	45.89813 (160, 4)	55.11433 (191, 4)	62.86653 (191, 4)
10.0 /	81.55139 (230, 1)	84.56758 (230, 1)	85.64857 (230, 1)	85.45425 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	402.49720	5	64	350.0	70.0	26	279.32440	5	75	300.0	120.0
2	400.80780	5	64	300.0	70.0	27	272.64010	6	78	350.0	120.0
3	397.69960	4	88	350.0	300.0	28	270.75800	5	64	200.0	70.0
4	392.93420	5	64	400.0	70.0	29	269.00670	6	78	300.0	120.0
5	389.02590	4	88	300.0	300.0	30	268.34620	5	75	450.0	120.0
6	388.34350	4	88	400.0	300.0	31	268.28510	6	78	400.0	120.0
7	379.66590	5	64	250.0	70.0	32	259.61370	4	78	350.0	100.0
8	377.43060	5	64	450.0	70.0	33	259.56300	6	78	450.0	120.0
9	370.20650	4	88	450.0	300.0	34	252.73920	5	75	500.0	120.0
10	365.80890	5	75	350.0	130.0	35	252.52200	4	78	400.0	100.0
11	359.74900	5	75	400.0	130.0	36	251.79900	6	78	250.0	120.0
12	359.19060	5	64	500.0	70.0	37	251.00750	4	78	300.0	100.0
13	354.30840	5	75	300.0	130.0	38	248.69840	5	213	450.0	280.0
14	348.50040	4	88	500.0	300.0	39	248.67260	6	78	500.0	120.0
15	347.96630	4	88	250.0	300.0	40	248.40280	4	143	450.0	290.0
16	344.81960	5	75	450.0	130.0	41	247.40810	5	213	500.0	280.0
17	326.01260	5	75	500.0	130.0	42	247.15390	5	75	250.0	120.0
18	315.56260	5	106	400.0	250.0	43	246.03830	4	88	350.0	310.0
19	312.03330	5	75	250.0	130.0	44	245.62270	4	143	400.0	290.0
20	309.90730	5	106	450.0	250.0	45	244.58200	4	143	500.0	290.0
21	309.19510	5	106	350.0	250.0	46	243.14110	4	88	400.0	310.0
22	297.81200	5	106	500.0	250.0	47	242.83690	5	213	400.0	280.0
23	287.08220	5	75	350.0	120.0	48	238.19100	4	78	450.0	100.0
24	282.21770	5	106	300.0	250.0	49	236.07290	4	88	300.0	310.0
25	281.10820	5	75	400.0	120.0	50	233.87190	4	88	200.0	300.0

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 108.24220 AND OCCURRED AT (350.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	2.55630 (81, 1)	9.41238 (81, 1)	16.33948 (81, 1)	24.55994 (81, 1)	26.87127 (81, 1)
350.0 /	.23367 (229, 1)	1.21340 (229, 1)	2.26658 (229, 1)	4.46851C(239, 1)	7.27011C(239, 1)
340.0 /	.14569 (229, 1)	.75196 (229, 1)	2.83483C(239, 1)	7.29528C(239, 1)	12.35677C(239, 1)
330.0 /	2.03610 (228, 1)	6.23565 (228, 1)	10.16798 (228, 1)	14.23488 (228, 1)	15.14666 (228, 1)
320.0 /	2.12874 (228, 1)	6.86274 (228, 1)	11.40706 (228, 1)	16.79074 (228, 1)	18.49885 (228, 1)
310.0 /	1.70706 (88, 1)	8.39906 (88, 1)	24.11470 (88, 1)	39.98298 (88, 1)	48.39912 (88, 1)
300.0 /	5.65600 (88, 1)	22.17083 (88, 1)	47.27019 (88, 1)	75.33995 (88, 1)	87.14003 (88, 1)
290.0 /	1.36571 (48, 1)	6.53988 (143, 1)	21.72180 (143, 1)	40.50401 (143, 1)	53.20997 (143, 1)
280.0 /	3.35392 (107, 1)	14.45209 (107, 1)	26.07781 (107, 1)	43.37509 (107, 1)	50.13416 (107, 1)
270.0 /	4.03672 (306, 1)	10.60341 (306, 1)	16.51200 (306, 1)	23.63650 (47, 1)	27.00971 (47, 1)
260.0 /	3.80087 (46, 1)	15.86945 (46, 1)	28.33511 (46, 1)	46.27021 (46, 1)	52.86921 (46, 1)
250.0 /	5.01588 (305, 1)	18.66188 (305, 1)	32.26115 (305, 1)	49.89008 (305, 1)	58.19938 (106, 1)
240.0 /	6.69325 (305, 1)	24.47213 (305, 1)	42.43576 (305, 1)	65.41908 (305, 1)	73.26366 (305, 1)
230.0 /	.70833 (305, 1)	3.44473 (180, 1)	9.06477 (180, 1)	15.95767 (180, 1)	19.90141 (180, 1)
220.0 /	.28119 (306, 1)	1.22524 (306, 1)	2.16347 (306, 1)	3.50774 (306, 1)	3.93418 (306, 1)
210.0 /	.04611 (287, 1)	.47287 (171, 1)	2.45255 (171, 1)	5.25737 (171, 1)	7.81150 (171, 1)
200.0 /	.03106 (43, 1)	.29627 (171, 1)	1.54045 (171, 1)	3.28175 (171, 1)	4.83127 (171, 1)
190.0 /	.00992 (10, 1)	.10947 (198, 1)	.67200 (198, 1)	1.87398 (198, 1)	3.31472 (198, 1)
180.0 /	.15916 (12, 1)	.64859 (12, 1)	1.15703 (12, 1)	2.16270 (12, 1)	2.90167 (343, 1)
170.0 /	1.55764 (353, 1)	4.72136 (353, 1)	7.71399 (353, 1)	13.56572 (12, 1)	16.93413 (12, 1)
160.0 /	2.22519 (353, 1)	7.57738 (353, 1)	12.98781 (353, 1)	20.84051 (353, 1)	23.70949 (353, 1)
150.0 /	1.66919 (353, 1)	6.55851 (353, 1)	11.76659 (353, 1)	20.50204 (353, 1)	24.23969 (353, 1)
140.0 /	4.91738 (78, 1)	9.96051 (78, 1)	13.77191 (78, 1)	23.20877 (82, 1)	28.50624 (82, 1)
130.0 /	11.81110 (78, 1)	30.14500 (78, 1)	46.35000 (78, 1)	62.72067 (78, 1)	65.68739 (78, 1)
120.0 /	11.76196 (78, 1)	39.82977 (78, 1)	67.64191 (78, 1)	98.81869 (78, 1)	106.21840 (78, 1)
110.0 /	4.12063 (78, 1)	14.30464 (78, 1)	26.18061 (78, 1)	38.82700 (78, 1)	42.18800 (78, 1)
100.0 /	2.00220 (78, 1)	6.81886 (78, 1)	19.41130 (78, 1)	30.22896 (78, 1)	35.03754 (78, 1)
90.0 /	1.05761 (82, 1)	4.69652 (82, 1)	8.49816 (82, 1)	14.45538 (82, 1)	16.78676 (82, 1)
80.0 /	3.11091 (64, 1)	9.91912 (64, 1)	16.13961 (64, 1)	22.31510 (64, 1)	23.13723 (64, 1)
70.0 /	8.97541 (64, 1)	29.44613 (64, 1)	49.40955 (64, 1)	69.38078 (64, 1)	73.35783 (64, 1)
60.0 /	.72359C(77, 1)	3.05613C(77, 1)	5.41211C(77, 1)	8.99421C(77, 1)	10.40751C(77, 1)
50.0 /	1.47266C(77, 1)	5.59991C(77, 1)	9.75446C(77, 1)	14.75039C(77, 1)	16.15805C(77, 1)
40.0 /	5.00226 (138, 1)	9.76316 (138, 1)	13.25766 (138, 1)	15.08935 (138, 1)	16.86812 (230, 1)
30.0 /	7.95102 (138, 1)	15.94053 (138, 1)	22.09171 (138, 1)	25.53228 (138, 1)	25.04143 (138, 1)
20.0 /	.34895 (229, 1)	2.22371 (229, 1)	4.36810 (229, 1)	9.47897 (229, 1)	12.72690 (229, 1)
10.0 /	1.29511 (229, 1)	6.11264 (229, 1)	11.30423 (229, 1)	20.37926 (229, 1)	24.76745 (229, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 108.24220 AND OCCURRED AT (350.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	27.81033 (81, 1)	27.88685 (81, 1)	27.45360 (81, 1)	26.73305 (81, 1)
350.0 /	9.63121C(239, 1)	11.37406C(239, 1)	12.53510C(239, 1)	13.22219C(239, 1)
340.0 /	16.92364C(239, 1)	20.55674C(239, 1)	23.21201C(239, 1)	25.01120C(239, 1)
330.0 /	18.68791 (195, 1)	22.37289 (195, 1)	27.06561 (195, 1)	31.09847 (195, 1)
320.0 /	19.38492 (228, 1)	19.71150 (228, 1)	21.84635 (195, 1)	25.84891 (195, 1)
310.0 /	52.06417 (88, 1)	52.73654 (88, 1)	51.71673 (88, 1)	49.81257 (88, 1)
300.0 /	92.45532 (88, 1)	93.71138 (88, 1)	92.62402 (88, 1)	90.25288 (88, 1)
290.0 /	60.92927 (143, 1)	64.85526 (143, 1)	66.22981 (143, 1)	65.98432 (143, 1)
280.0 /	54.22342 (107, 1)	56.38795 (107, 1)	57.24362 (107, 1)	57.22592 (107, 1)
270.0 /	29.07432 (47, 1)	30.19143 (47, 1)	30.96320 (107, 1)	31.34949 (107, 1)
260.0 /	56.61963 (46, 1)	58.39225 (46, 1)	58.85532 (46, 1)	58.46893 (46, 1)
250.0 /	64.46541 (106, 1)	66.57484 (106, 1)	66.18938 (106, 1)	64.40675 (106, 1)
240.0 /	77.48497 (305, 1)	79.23925 (305, 1)	79.39553 (305, 1)	78.54051 (305, 1)
230.0 /	22.11027 (180, 1)	23.07882 (180, 1)	23.24802 (180, 1)	22.92918 (180, 1)
220.0 /	4.52256 (271, 1)	5.75824 (271, 1)	7.98553 (262, 1)	13.74951 (262, 1)
210.0 /	9.69588 (171, 1)	10.90747 (171, 1)	11.58041 (171, 1)	13.96011 (262, 1)
200.0 /	5.94390 (171, 1)	6.63034 (171, 1)	6.98296 (171, 1)	7.73095 (262, 1)
190.0 /	4.64830 (198, 1)	5.71757 (198, 1)	6.91187 (198, 1)	7.77215 (198, 1)
180.0 /	3.61954 (343, 1)	4.29409 (10, 1)	4.92714 (10, 1)	5.46739 (10, 1)
170.0 /	19.43921 (12, 1)	21.21652 (12, 1)	22.42100 (12, 1)	23.18701 (12, 1)
160.0 /	25.45558 (353, 1)	26.42205 (353, 1)	26.86585 (353, 1)	26.96289 (353, 1)
150.0 /	26.79085 (353, 1)	28.43531 (353, 1)	29.42192 (353, 1)	29.93575 (353, 1)
140.0 /	30.94346 (82, 1)	31.52834 (82, 1)	31.03701 (82, 1)	29.96511 (82, 1)
130.0 /	65.99252 (78, 1)	66.06535 (75, 1)	65.50253 (75, 1)	63.82645 (75, 1)
120.0 /	108.24220 (78, 1)	107.03280 (78, 1)	104.00580 (78, 1)	100.03460 (78, 1)
110.0 /	42.87610 (78, 1)	42.06210 (78, 1)	40.48383 (78, 1)	38.56413 (78, 1)
100.0 /	36.04073 (78, 1)	34.98938 (78, 1)	32.99287 (78, 1)	30.65462 (78, 1)
90.0 /	18.18277 (82, 1)	18.91903 (82, 1)	19.21064 (82, 1)	19.20813 (82, 1)
80.0 /	22.86324 (64, 1)	21.99819 (64, 1)	20.85325 (64, 1)	19.60707 (64, 1)
70.0 /	73.76910 (64, 1)	72.10741 (64, 1)	69.34332 (64, 1)	66.06424 (64, 1)
60.0 /	11.26648C(77, 1)	11.72258C(77, 1)	11.90228C(77, 1)	11.89690C(77, 1)
50.0 /	16.75957C(77, 1)	16.84549C(77, 1)	16.62927C(77, 1)	16.25056C(77, 1)
40.0 /	18.54894 (230, 1)	19.55347 (230, 1)	20.07878 (230, 1)	20.27019 (230, 1)
30.0 /	26.85792C(160, 1)	27.50330C(160, 1)	27.41416C(160, 1)	27.07851C(160, 1)
20.0 /	15.38961 (229, 1)	17.46019 (229, 1)	19.01084 (229, 1)	20.13097 (229, 1)
10.0 /	27.84774 (229, 1)	29.87931 (229, 1)	31.12214 (229, 1)	31.78673 (229, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 64.70415 AND OCCURRED AT (400.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.37897 (229, 1)	1.51934 (229, 1)	2.60836 (229, 1)	4.20573 (229, 1)	6.08286 (140, 1)
350.0 /	.08287 (81, 1)	.28630C(239, 1)	1.82558C(239, 1)	4.16139 (229, 1)	5.05847 (229, 1)
340.0 /	.02192 (81, 1)	.62549 (133, 1)	2.26738 (151, 1)	5.68458 (151, 1)	9.47232 (151, 1)
330.0 /	.15501 (81, 1)	1.42056 (94, 1)	5.65921 (94, 1)	10.06672 (94, 1)	14.56790 (195, 1)
320.0 /	.50001 (32, 1)	2.49453 (32, 1)	6.49155 (94, 1)	11.60107 (94, 1)	15.04471 (94, 1)
310.0 /	.70290 (32, 1)	3.57671 (32, 1)	8.61450 (94, 1)	15.87001 (94, 1)	20.81055 (94, 1)
300.0 /	.61919 (48, 1)	3.86289 (94, 1)	13.08445 (94, 1)	24.88584 (94, 1)	33.07151 (94, 1)
290.0 /	1.28749 (47, 1)	5.72062 (48, 1)	11.34066 (206, 1)	21.81577 (206, 1)	30.17469 (206, 1)
280.0 /	3.13552 (47, 1)	12.83292 (47, 1)	22.74062 (47, 1)	36.58006 (47, 1)	41.35137 (47, 1)
270.0 /	2.11876 (46, 1)	8.40700 (46, 1)	14.64689 (46, 1)	23.32943 (46, 1)	26.28348 (46, 1)
260.0 /	3.45409 (305, 1)	12.96205 (305, 1)	22.56602 (305, 1)	34.92558 (180, 1)	44.80623 (180, 1)
250.0 /	.88159 (47, 1)	7.11140 (106, 1)	26.32781 (106, 1)	45.80095 (106, 1)	55.55673 (305, 1)
240.0 /	1.74143 (97, 1)	8.42530 (97, 1)	15.62381 (97, 1)	28.00520 (97, 1)	33.71684 (97, 1)
230.0 /	.65467 (306, 1)	3.02319 (306, 1)	5.45650 (306, 1)	9.47842 (306, 1)	11.20309 (306, 1)
220.0 /	.03338 (288, 1)	.27120 (288, 1)	.59067 (271, 1)	1.70052 (271, 1)	3.11118 (271, 1)
210.0 /	.03577 (96, 1)	.35134 (287, 1)	.72334 (287, 1)	1.68489 (287, 1)	2.83267 (132, 1)
200.0 /	.01149 (140, 1)	.19834 (43, 1)	.58150 (132, 1)	1.66995 (132, 1)	3.02848 (132, 1)
190.0 /	.00759C(18, 1)	.05857 (10, 1)	.27964 (132, 1)	.92502 (132, 1)	1.88856 (132, 1)
180.0 /	.09673C(18, 1)	.46751C(18, 1)	.90756C(18, 1)	2.10492C(18, 1)	2.89783C(18, 1)
170.0 /	.86317 (12, 1)	3.78676 (12, 1)	7.03625 (12, 1)	11.05196 (353, 1)	11.69672 (353, 1)
160.0 /	.40592 (12, 1)	1.82219 (17, 1)	4.37846 (83, 1)	8.15525 (83, 1)	10.80820 (83, 1)
150.0 /	.85625 (12, 1)	3.23052 (12, 1)	8.93081 (83, 1)	16.37170 (83, 1)	21.23513 (83, 1)
140.0 /	.99465 (79, 1)	4.54271 (82, 1)	13.70342 (82, 1)	16.09867 (78, 1)	16.96539 (83, 1)
130.0 /	2.92970 (75, 1)	12.97356 (75, 1)	30.83725 (75, 1)	50.41881 (75, 1)	60.02179 (75, 1)
120.0 /	3.34914 (82, 1)	12.04323 (82, 1)	21.28964 (75, 1)	33.26142 (75, 1)	38.24268 (75, 1)
110.0 /	.90692 (82, 1)	3.90742 (82, 1)	6.97554 (82, 1)	11.54172 (82, 1)	13.19604 (82, 1)
100.0 /	1.10469 (75, 1)	4.52208 (82, 1)	8.03332 (82, 1)	13.21337 (82, 1)	15.00779 (82, 1)
90.0 /	.96326 (231, 1)	3.99226 (231, 1)	8.11166 (78, 1)	13.22147 (78, 1)	15.57446 (78, 1)
80.0 /	.08300 (78, 1)	.56435C(28, 1)	1.17329C(28, 1)	2.86955C(28, 1)	4.13275C(28, 1)
70.0 /	.12817C(214, 1)	.75101C(214, 1)	1.45180C(214, 1)	2.87574C(214, 1)	3.62877C(214, 1)
60.0 /	.52833 (64, 1)	1.66977 (64, 1)	2.65821 (230, 1)	4.46507 (230, 1)	5.11265 (230, 1)
50.0 /	.68188 (230, 1)	3.33713 (230, 1)	6.12536 (230, 1)	10.78065 (230, 1)	12.75741 (230, 1)
40.0 /	.96291 (230, 1)	4.51060 (230, 1)	8.23871 (230, 1)	14.29257 (230, 1)	14.58003 (138, 1)
30.0 /	1.96777C(192, 1)	6.14896 (230, 1)	11.79344C(160, 1)	19.79306C(160, 1)	24.63756C(160, 1)
20.0 /	.14956 (64, 1)	.79264C(160, 1)	2.91101C(160, 1)	5.46137C(172, 1)	8.09439C(172, 1)
10.0 /	.70078 (81, 1)	2.73070 (230, 1)	4.97855 (230, 1)	8.44980 (230, 1)	9.84985 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 64.70415 AND OCCURRED AT (400.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	8.00324 (140, 1)	9.43047 (140, 1)	10.40122 (140, 1)	12.71689C(219, 1)
350.0 /	6.06454 (151, 1)	7.84716 (114, 1)	9.75450 (114, 1)	11.27896 (114, 1)
340.0 /	12.88747 (151, 1)	15.74790 (151, 1)	18.62258 (151, 1)	21.16511 (151, 1)
330.0 /	15.48175 (228, 1)	15.44810 (228, 1)	17.46807 (240, 1)	19.86069 (240, 1)
320.0 /	16.85665 (94, 1)	17.51634 (94, 1)	19.67528 (228, 1)	19.90966 (138, 1)
310.0 /	24.01104 (154, 1)	28.27660 (154, 1)	31.21179 (154, 1)	33.05897 (154, 1)
300.0 /	38.30285 (94, 1)	41.20119 (94, 1)	42.49501 (94, 1)	42.74198 (94, 1)
290.0 /	35.70914 (206, 1)	38.89624 (206, 1)	40.40667 (206, 1)	40.79483 (206, 1)
280.0 /	43.94243 (47, 1)	45.04130 (47, 1)	45.17558 (47, 1)	44.69918 (47, 1)
270.0 /	28.44965 (107, 1)	30.06779 (107, 1)	30.66748 (47, 1)	30.71373 (47, 1)
260.0 /	51.19056 (180, 1)	54.80859 (180, 1)	56.48161 (180, 1)	56.85366 (180, 1)
250.0 /	58.39018 (305, 1)	59.34274 (305, 1)	59.11499 (305, 1)	58.16821 (305, 1)
240.0 /	37.72861 (97, 1)	40.38201 (97, 1)	42.03283 (97, 1)	42.95464 (97, 1)
230.0 /	12.35141 (306, 1)	13.05546 (306, 1)	13.60960 (97, 1)	13.91512 (97, 1)
220.0 /	4.13507 (306, 1)	4.19257 (306, 1)	6.75587 (271, 1)	7.51557 (271, 1)
210.0 /	4.04458 (132, 1)	5.09017 (132, 1)	8.44557 (262, 1)	11.86156 (171, 1)
200.0 /	4.33406 (132, 1)	5.42349 (132, 1)	6.60410 (132, 1)	7.50073 (132, 1)
190.0 /	2.97116 (132, 1)	4.18140 (73, 1)	5.44827 (73, 1)	6.59828 (73, 1)
180.0 /	3.61845C(18, 1)	4.22973C(18, 1)	4.73334C(18, 1)	5.13913C(18, 1)
170.0 /	11.84629 (353, 1)	11.70188 (353, 1)	11.98775 (17, 1)	12.62880 (17, 1)
160.0 /	12.43908 (83, 1)	13.30029 (83, 1)	13.65371 (83, 1)	13.68848 (83, 1)
150.0 /	24.20828 (83, 1)	25.76421 (83, 1)	26.37669 (83, 1)	26.39036 (83, 1)
140.0 /	18.62658 (83, 1)	19.15686 (83, 1)	19.34928 (79, 1)	19.78198 (79, 1)
130.0 /	64.67113 (75, 1)	64.70415 (78, 1)	62.53110 (78, 1)	59.91485 (78, 1)
120.0 /	39.91157 (75, 1)	40.20029 (82, 1)	40.43461 (82, 1)	40.12965 (82, 1)
110.0 /	14.10624 (82, 1)	14.50612 (82, 1)	14.57220 (82, 1)	14.42529 (82, 1)
100.0 /	15.94861 (82, 1)	16.31726 (82, 1)	16.31960 (82, 1)	16.09379 (82, 1)
90.0 /	16.28480 (78, 1)	16.09013 (78, 1)	15.45767 (78, 1)	14.64307 (78, 1)
80.0 /	5.26308C(28, 1)	6.37355 (203, 1)	7.27135 (203, 1)	7.90678 (203, 1)
70.0 /	4.44405C(197, 1)	5.46442C(197, 1)	6.59602C(197, 1)	7.41449C(197, 1)
60.0 /	5.44859 (230, 1)	6.26676C(172, 1)	8.03510C(172, 1)	9.80821C(172, 1)
50.0 /	14.00054 (230, 1)	15.00705 (64, 1)	15.72283 (64, 1)	16.12090 (64, 1)
40.0 /	13.79583 (138, 1)	12.88674 (138, 1)	11.94561 (138, 1)	12.75261C(160, 1)
30.0 /	24.11405 (230, 1)	25.14232 (230, 1)	25.57181 (230, 1)	25.60097 (230, 1)
20.0 /	10.11174C(172, 1)	11.49253C(172, 1)	12.34316C(172, 1)	12.79025C(172, 1)
10.0 /	10.79202 (230, 1)	11.37906 (230, 1)	11.71743 (230, 1)	11.88218 (230, 1)

*** DER Key West 360 deg Downwash Scenario for 1981 b70

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	108.24220	1	78	350.0	120.0	26	66.18938	1	106	450.0	250.0
2	107.03280	1	78	400.0	120.0	27	66.06535	1	75	400.0	130.0
3	106.21840	1	78	300.0	120.0	28	66.06424	1	64	500.0	70.0
4	104.00580	1	78	450.0	120.0	29	65.99252	1	78	350.0	130.0
5	100.03460	1	78	500.0	120.0	30	65.98432	1	143	500.0	290.0
6	98.81869	1	78	250.0	120.0	31	65.68739	1	78	300.0	130.0
7	93.71138	1	88	400.0	300.0	32	65.50253	1	75	450.0	130.0
8	92.62402	1	88	450.0	300.0	33	65.41908	1	305	250.0	240.0
9	92.45532	1	88	350.0	300.0	34	64.85526	1	143	400.0	290.0
10	90.25288	1	88	500.0	300.0	35	64.70415	1	78	400.0	130.0
11	87.14003	1	88	300.0	300.0	36	64.67113	1	75	350.0	130.0
12	79.39553	1	305	450.0	240.0	37	64.46541	1	106	350.0	250.0
13	79.23925	1	305	400.0	240.0	38	64.40675	1	106	500.0	250.0
14	78.54051	1	305	500.0	240.0	39	63.82645	1	75	500.0	130.0
15	77.48497	1	305	350.0	240.0	40	62.72067	1	78	250.0	130.0
16	75.33995	1	88	250.0	300.0	41	62.53110	1	78	450.0	130.0
17	73.76910	1	64	350.0	70.0	42	60.92927	1	143	350.0	290.0
18	73.35783	1	64	300.0	70.0	43	60.02179	1	75	300.0	130.0
19	73.26366	1	305	300.0	240.0	44	59.91485	1	78	500.0	130.0
20	72.10741	1	64	400.0	70.0	45	59.34274	1	305	400.0	250.0
21	69.38078	1	64	250.0	70.0	46	59.11499	1	305	450.0	250.0
22	69.34332	1	64	450.0	70.0	47	58.85532	1	46	450.0	260.0
23	67.64191	1	78	200.0	120.0	48	58.46893	1	46	500.0	260.0
24	66.57484	1	106	400.0	250.0	49	58.39225	1	46	400.0	260.0
25	66.22981	1	143	450.0	290.0	50	58.39018	1	305	350.0	250.0

RUN ENDED ON 09-13-88 AT 14:20:53

ISCST (DATED 88207)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JUNE 88.
SOURCE: UNAMAP FILE ON EPA'S UNIVAC AT RTP, NC.

IBM-PC VERSION (1.62)
(C) COPYRIGHT 1988, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5503 SOLD TO R. W. BECK & ASSOC.
RUN BEGAN ON 09-13-88 AT 18:12:16

Key West
82
360° @ 10° inc.
Direction Specific Scenario

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 2
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 1
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=S02,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (YES=1,NO=2)	ISW(30) = 2
ABOVE GROUND (FLAGPOLE) RECEPTORS USED (YES=1,NO=0)	ISW(31) = 0
NUMBER OF INPUT SOURCES	NSOURC = 2
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 2
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 9
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NKWYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK = .10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 7.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12839
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 12844
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 12193 WORDS

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

100.0, 150.0, 200.0, 250.0, 300.0, 350.0, 400.0, 450.0, 500.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0, 20.0, 30.0, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0,
110.0, 120.0, 130.0, 140.0, 150.0, 160.0, 170.0, 180.0, 190.0, 200.0,
210.0, 220.0, 230.0, 240.0, 250.0, 260.0, 270.0, 280.0, 290.0, 300.0,
310.0, 320.0, 330.0, 340.0, 350.0, 360.0,

*** SOURCE DATA ***

SOURCE NUMBER	PK	PART.	EMISSION RATE		X	Y	BASE ELEV.	HEIGHT	TEMP.	EXIT VEL.		BLDG. HEIGHT	BLDG. LENGTH	BLDG. WIDTH
			TYPE=0,1 (GRAMS/SEC)	TYPE=2 (GRAMS/SEC)					(DEG.K);	(M/SEC);	VERT.DIM			
EE	EE	CATS.	*PER METER**2	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	TYPE=1	TYPE=1,2	TYPE=0	TYPE=0	TYPE=0	TYPE=0
1	0	0	0	.12600E+02	.0	.0	.0	30.48	589.00	30.00	1.20	-21.34	29.71	29.71
2	0	0	0	.15059E+03	.0	.0	.0	31.70	460.00	44.81	1.52	-21.34	29.71	29.71

* CALM HOURS (=1) FOR DAY 250 * 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 261 * 0 1 0
* CALM HOURS (=1) FOR DAY 262 * 0 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 263 * 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 264 * 0 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 265 * 0 1 0 0
* CALM HOURS (=1) FOR DAY 266 * 0 0 1 0
* CALM HOURS (=1) FOR DAY 267 * 1 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 268 * 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 271 * 0 0 1 1 0 1 0
* CALM HOURS (=1) FOR DAY 275 * 0 1 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 276 * 0 0 1 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 277 * 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 278 * 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 279 * 0 1 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 281 * 0 0 0 1 0 1 0 0
* CALM HOURS (=1) FOR DAY 287 * 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 288 * 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 305 * 0 1
* CALM HOURS (=1) FOR DAY 306 * 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 317 * 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 319 * 0 0 1 0
* CALM HOURS (=1) FOR DAY 321 * 0 0 1 1 0 0 1 0
* CALM HOURS (=1) FOR DAY 322 * 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 324 * 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 340 * 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 343 * 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 355 * 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 356 * 0 0 1 0
* CALM HOURS (=1) FOR DAY 363 * 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 364 * 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 365 * 0 0 0 0 1 0

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 171.60680 AND OCCURRED AT (200.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	28.69508 (66,13)	89.05006 (205,13)	117.33200 (205,13)	116.27050 (205,13)	103.76900 (205,13)
350.0 /	37.68256 (169, 5)	61.80716 (169, 5)	75.45490 (169, 5)	81.87459 (169, 5)	73.16588 (169, 5)
340.0 /	31.37117 (168,23)	50.90807 (168,23)	61.64454 (168,23)	66.49337 (168,23)	59.06746 (168,23)
330.0 /	42.91159 (168,20)	70.15208 (168,20)	85.47588 (168,20)	91.52969 (168,20)	81.91270 (168,20)
320.0 /	111.05040 (230, 4)	153.25200 (230, 4)	171.60680 (230, 4)	158.18930 (230, 4)	133.92250 (230, 4)
310.0 /	46.33368 (34, 1)	75.60768 (34, 1)	92.21688 (155,12)	99.00006 (155,12)	88.81757 (155,12)
300.0 /	60.42530 (361,14)	96.78284 (361,14)	117.61650 (332,10)	124.34350 (332,10)	112.35650 (332,10)
290.0 /	64.25262 (46,13)	102.06650 (46,13)	123.22000 (46,13)	128.89780 (46,13)	117.11130 (46,13)
280.0 /	70.68858 (30,14)	112.61740 (30,14)	136.29450 (30,14)	142.83320 (30,14)	130.03540 (30,14)
270.0 /	73.99332 (244, 3)	118.37260 (244, 3)	143.05320 (244, 3)	138.14270 (244, 3)	114.30570 (244, 3)
260.0 /	57.48911 (87,12)	90.52151 (87,12)	108.58150 (87,12)	113.12420 (134,15)	102.23670 (87,12)
250.0 /	72.53862 (88,20)	114.24420 (88,20)	137.53230 (88,20)	143.43760 (88,20)	130.82570 (88,20)
240.0 /	70.73570 (68,15)	112.64600 (68,15)	136.29280 (68,15)	142.80180 (68,15)	129.98630 (68,15)
230.0 /	69.18326 (88,13)	109.98010 (88,13)	132.89660 (88,13)	139.10880 (88,13)	126.51050 (88,13)
220.0 /	46.11366 (88,14)	72.44146 (88,14)	86.46152 (88,14)	89.81857 (88,14)	80.48474 (88,14)
210.0 /	43.25881 (347,15)	70.30739 (347,15)	85.35535 (347,15)	91.14481 (347,15)	81.39073 (347,15)
200.0 /	38.09351 (347,16)	61.97648 (347,16)	75.28909 (347,16)	81.38000 (347,16)	72.50531 (347,16)
190.0 /	30.19790 (67, 9)	48.17142 (67, 9)	57.93908 (67, 9)	63.29802 (67, 9)	56.03871 (67, 9)
180.0 /	31.82443 (351,21)	50.03939 (351,21)	59.93393 (26,18)	66.45448 (247,18)	69.00335 (247,18)
170.0 /	54.78852 (11,15)	87.73624 (11,16)	106.07300 (347, 2)	112.23180 (347, 2)	100.59100 (347, 2)
160.0 /	76.04443 (11, 8)	121.48430 (11, 8)	146.35170 (11, 8)	139.85670 (11, 8)	112.87170 (11, 8)
150.0 /	48.98740 (53,15)	76.37671 (53,15)	92.03117 (53,13)	98.40150 (53,13)	88.00337 (53,13)
140.0 /	39.41183 (66,22)	63.69164 (66,22)	77.07281 (66,22)	83.04881 (66,22)	73.82582 (66,22)
130.0 /	42.10389 (14,19)	63.92642 (14,19)	74.88960 (14,19)	76.51988 (14,19)	68.44309 (14,19)
120.0 /	67.60175 (66,17)	106.15780 (66,17)	127.50000 (66,17)	132.74420 (66,17)	120.85450 (66,17)
110.0 /	45.88106 (96,18)	75.40614 (96,18)	92.23275 (96,18)	99.04795 (96,18)	88.88212 (96,18)
100.0 /	64.33770 (52,17)	102.11730 (52,17)	123.21570 (52,17)	128.84010 (52,17)	117.02190 (52,17)
90.0 /	67.39217 (52,16)	106.02670 (52,16)	127.49700 (52,16)	132.86570 (52,16)	121.05220 (52,16)
80.0 /	64.21030 (52,15)	102.04140 (52,15)	123.22260 (52,15)	128.92700 (52,15)	117.15660 (52,15)
70.0 /	49.05287 (101, 5)	76.41563 (101, 5)	90.93485 (101, 5)	94.10163 (101, 5)	84.62771 (101, 5)
60.0 /	60.00259 (99,17)	96.54732 (99,17)	117.23780 (99,17)	123.38110 (99,17)	111.88610 (99,17)
50.0 /	55.46055 (66,15)	89.73608 (66,15)	109.08150 (66,15)	115.20440 (66,15)	103.96760 (66,15)
40.0 /	74.29795 (14,11)	112.51300 (14,11)	132.92800 (14,11)	136.70700 (14,11)	125.36030 (14,11)
30.0 /	70.54793 (14, 9)	112.53270 (14, 9)	136.30590 (14,10)	142.99230 (14,10)	130.28360 (14,10)
20.0 /	55.75647 (14, 7)	89.89217 (14, 7)	109.02230 (14, 7)	114.93970 (14, 7)	103.58770 (14, 7)
10.0 /	38.78184 (169,16)	63.41354 (169,16)	80.09391 (205,13)	83.74722 (169,16)	74.77210 (169,16)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 171.60680 AND OCCURRED AT (200.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	89.56949 (205,13)	76.71501 (205,13)	65.75388 (205,13)	56.54744 (205,13)
350.0 /	65.29433 (169, 5)	58.47869 (169, 5)	52.66360 (169, 5)	47.71428 (169, 5)
340.0 /	52.43543 (168,23)	46.73949 (168,23)	41.98995 (173,14)	41.30487 (173,14)
330.0 /	73.08754 (168,20)	65.36114 (168,20)	58.71923 (168,20)	53.03901 (168,20)
320.0 /	115.97340 (230, 4)	103.43630 (155, 1)	93.50555 (155, 1)	84.76218 (155, 1)
310.0 /	79.41904 (155,12)	75.65818 (134,11)	71.13128 (134,11)	66.06580 (134,11)
300.0 /	100.97520 (332,10)	90.73712 (332,10)	81.75132 (332,10)	73.94541 (332,10)
290.0 /	105.73730 (46,13)	95.33240 (46,13)	86.06626 (46,13)	77.92086 (46,13)
280.0 /	117.62870 (30,14)	106.24390 (30,14)	96.08104 (30,14)	87.12981 (30,14)
270.0 /	95.89867 (244, 3)	83.97609 (336,21)	75.60625 (336,21)	68.38457 (336,21)
260.0 /	91.94915 (87,12)	82.61816 (87,12)	74.36020 (87,12)	67.13662 (87,12)
250.0 /	118.56550 (88,20)	107.25790 (88,20)	97.11112 (88,20)	88.13200 (88,20)
240.0 /	117.57000 (68,15)	106.18100 (68,15)	96.01710 (68,15)	87.06677 (68,15)
230.0 /	114.33750 (88,13)	103.19120 (88,13)	93.25660 (88,13)	84.51690 (88,13)
220.0 /	71.79663 (88,14)	64.06207 (88,14)	57.31967 (88,14)	51.49389 (88,14)
210.0 /	72.50523 (347,15)	64.76206 (347,15)	58.12723 (347,15)	52.46650 (347,15)
200.0 /	64.56235 (347,16)	57.72763 (347,16)	51.92157 (347,16)	46.99585 (347,16)
190.0 /	49.76117 (67, 9)	44.47993 (67, 9)	40.06028 (67, 9)	36.34782 (67, 9)
180.0 /	66.10979 (247,18)	61.05923 (247,18)	55.47153 (247,18)	50.06222 (247,18)
170.0 /	89.85095 (347, 2)	80.39120 (347, 2)	72.21828 (347, 2)	65.20222 (347, 2)
160.0 /	92.82323 (53,16)	83.23649 (53,16)	74.85324 (53,16)	67.59174 (53,16)
150.0 /	78.50884 (53,13)	70.22093 (53,13)	63.10951 (53,13)	57.03501 (53,13)
140.0 /	65.63699 (66,22)	58.62623 (66,22)	52.69146 (66,22)	47.66933 (66,22)
130.0 /	60.98296 (14,19)	54.33841 (14,19)	48.52960 (14,19)	43.49506 (14,19)
120.0 /	109.35000 (66,17)	98.77232 (66,17)	89.30261 (66,17)	80.93858 (66,17)
110.0 /	79.49095 (96,18)	71.23306 (96,18)	64.11140 (96,18)	58.00536 (96,18)
100.0 /	105.63090 (52,17)	95.21861 (52,17)	85.95090 (52,17)	77.80737 (52,17)
90.0 /	109.58980 (52,16)	99.03191 (52,16)	89.56796 (52,16)	81.20110 (52,16)
80.0 /	105.79100 (52,15)	95.38983 (52,15)	86.12444 (52,15)	77.97806 (52,15)
70.0 /	75.73491 (101, 5)	67.74931 (101, 5)	60.73462 (101, 5)	54.63491 (101, 5)
60.0 /	100.82600 (99,17)	90.76160 (99,17)	81.84612 (99,17)	74.04546 (99,17)
50.0 /	97.48492 (99,12)	90.72692 (99,12)	83.00726 (99,12)	75.40586 (99,12)
40.0 /	114.34080 (14,11)	104.06460 (14,11)	94.70910 (14,11)	86.30907 (14,11)
30.0 /	117.92460 (14,10)	106.56120 (14,10)	96.40332 (14,10)	87.44746 (14,10)
20.0 /	92.88467 (14, 7)	83.30082 (14, 7)	74.91754 (14, 7)	67.65429 (14, 7)
10.0 /	66.69140 (169,16)	59.71151 (169,16)	53.76590 (169,16)	48.71122 (169,16)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 142.92810 AND OCCURRED AT (250.0, 30.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	27.33545 (95,19)	46.67840 (66,13)	56.79016 (66,13)	62.62086 (66,13)	55.83360 (66,13)
350.0 /	28.78924 (13,15)	50.10134 (205,13)	65.89256 (205,13)	64.53576 (205,13)	56.84084 (205,13)
340.0 /	30.66473 (168,21)	48.55199 (168,21)	57.87276 (168,21)	60.52384 (168,21)	53.54842 (168,21)
330.0 /	41.57637 (154,15)	63.59990 (154,15)	77.31729 (33,16)	83.83974 (33,16)	74.89572 (33,16)
320.0 /	69.71027 (173, 1)	109.86910 (155, 1)	132.90390 (155, 1)	139.23130 (155, 1)	126.70210 (155, 1)
310.0 /	46.08489 (128,14)	75.49510 (128,14)	92.20115 (167,10)	98.95228 (167,10)	88.75323 (167,10)
300.0 /	59.62751 (332,10)	96.61991 (332,10)	117.17820 (361,14)	123.03860 (361,14)	111.37960 (361,14)
290.0 /	60.10000 (218, 9)	93.91750 (218, 9)	112.36070 (218, 9)	116.64390 (218, 9)	105.87740 (218, 9)
280.0 /	69.09110 (30,12)	109.92450 (30,12)	132.90000 (30,12)	139.16980 (30,12)	126.60610 (30,12)
270.0 /	54.68013 (336,21)	89.27880 (336,21)	108.97000 (336,21)	115.96340 (336,21)	104.41610 (336,21)
260.0 /	53.31245 (134,15)	87.07932 (134,15)	106.29270 (134,15)	113.03570 (87,12)	101.85000 (134,15)
250.0 /	64.29956 (88,15)	99.11327 (29,12)	120.57810 (29,12)	127.41040 (29,12)	115.10170 (29,12)
240.0 /	66.30920 (314,16)	106.68200 (314,16)	129.61410 (314,16)	136.44750 (314,16)	123.84230 (314,16)
230.0 /	54.23670 (258,16)	89.06597 (258,16)	109.10450 (258,16)	116.43110 (258,16)	105.06450 (258,16)
220.0 /	34.46329 (347,14)	53.95612 (347,14)	64.00817 (347,14)	66.38470 (347,14)	58.87502 (347,14)
210.0 /	37.53712 (257,18)	61.75115 (257,18)	75.52261 (257,18)	82.06330 (257,18)	73.41509 (257,18)
200.0 /	22.19713 (257,21)	35.07170 (257,21)	41.89204 (257,21)	38.85958 (257,21)	39.38588 (257,11)
190.0 /	29.44653 (10,11)	46.98804 (10,11)	56.64228 (53,18)	62.18331 (53,18)	55.25225 (53,18)
180.0 /	31.35133 (26,18)	49.82899 (26,18)	59.80517 (351,21)	61.95912 (347,11)	54.94967 (347,11)
170.0 /	54.58380 (11,16)	87.55957 (347, 2)	106.02070 (11,16)	111.95830 (11,16)	100.19580 (11,16)
160.0 /	55.79922 (53,16)	89.91508 (53,16)	109.01460 (53,16)	115.10340 (347, 5)	103.53420 (53,16)
150.0 /	46.45985 (53,13)	75.66634 (53,13)	90.93700 (53,15)	94.14275 (53,15)	84.69155 (53,15)
140.0 /	39.00161 (351,13)	62.47825 (351,13)	75.10329 (351,13)	79.60123 (351,13)	70.61375 (351,13)
130.0 /	38.52985 (14,21)	60.87011 (14,21)	72.56925 (14,21)	75.88067 (14,21)	67.22544 (14,21)
120.0 /	57.83712 (14,15)	90.73158 (14,15)	108.94650 (14,17)	114.54320 (14,17)	103.01100 (14,17)
110.0 /	32.63809 (9,13)	52.43688 (9,13)	63.06316 (9,13)	66.88510 (9,13)	59.29561 (9,13)
100.0 /	57.79812 (14,13)	90.70788 (14,13)	109.01480 (52,19)	114.90280 (52,19)	103.53440 (52,19)
90.0 /	46.20866 (52,18)	75.55055 (52,18)	92.11202 (52,18)	98.67196 (52,18)	95.29085 (96,13)
80.0 /	30.92371 (101, 5)	47.77294 (96,14)	58.23059 (96,14)	77.86876 (96,14)	82.79973 (96,14)
70.0 /	38.12934 (99,18)	62.07950 (99,18)	75.37759 (99,18)	80.51594 (99,18)	71.85822 (99,18)
60.0 /	26.67492 (117,11)	43.36535 (117,11)	52.77973 (157,16)	58.27951 (157,16)	61.84965 (263,16)
50.0 /	47.15117 (66,16)	77.34516 (66,16)	94.50991 (66,16)	101.41080 (66,16)	100.90700 (99,12)
40.0 /	66.29689 (14,12)	99.69140 (14,12)	117.15780 (14,12)	120.00450 (14,12)	109.62230 (14,12)
30.0 /	70.45480 (14,10)	112.47680 (14,10)	136.30080 (14, 9)	142.92810 (14, 9)	130.18370 (14, 9)
20.0 /	50.02101 (82,15)	81.09523 (82,15)	98.47304 (82,15)	104.39180 (82,15)	93.65707 (82,15)
10.0 /	26.78917 (66,11)	60.86305 (205,13)	77.28621 (169,16)	78.75552 (205,13)	69.67468 (205,13)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 142.92810 AND OCCURRED AT (250.0, 30.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	49.83084 (66,13)	44.70729 (66,13)	40.37585 (66,13)	37.60398 (224,13)
350.0 /	49.65210 (13,15)	44.52404 (13,15)	41.44954 (210,14)	40.39482 (210,14)
340.0 /	47.25460 (168,21)	41.79876 (168,21)	41.90974 (168,23)	39.41709 (95,12)
330.0 /	66.82846 (33,16)	59.85216 (33,16)	53.90494 (33,16)	48.84593 (33,16)
320.0 /	114.56620 (155, 1)	102.04120 (230, 4)	90.84288 (230, 4)	81.60452 (230, 4)
310.0 /	79.34734 (167,10)	71.15903 (155,12)	64.03822 (155,12)	57.93450 (155,12)
300.0 /	100.23610 (361,14)	90.13841 (361,14)	81.21968 (361,14)	73.43295 (361,14)
290.0 /	95.53781 (218, 9)	86.07960 (218, 9)	77.64453 (218, 9)	70.21747 (218, 9)
280.0 /	114.45160 (30,12)	103.31350 (30,12)	93.38083 (30,12)	84.63928 (30,12)
270.0 /	93.59784 (336,21)	81.66028 (359,14)	73.48167 (359,14)	66.42995 (359,14)
260.0 /	91.28173 (134,15)	81.87955 (134,15)	73.69961 (134,15)	66.64152 (134,15)
250.0 /	103.43490 (29,12)	92.95069 (29,12)	83.75493 (29,12)	75.76987 (29,12)
240.0 /	111.71490 (314,16)	100.67740 (314,16)	90.89671 (314,16)	82.33493 (314,16)
230.0 /	94.33072 (258,16)	84.73656 (258,16)	76.36224 (258,16)	69.11861 (258,16)
220.0 /	52.05169 (347,14)	46.09366 (347,14)	42.14619 (258,13)	41.45082 (258,13)
210.0 /	65.56931 (257,18)	58.76025 (257,18)	52.94145 (257,18)	47.98304 (257,18)
200.0 /	41.32506 (257,11)	41.23632 (257,11)	41.32537 (257,11)	40.28424 (257,11)
190.0 /	49.18783 (53,18)	44.04724 (53,18)	39.72248 (53,18)	36.07520 (53,18)
180.0 /	48.85131 (347,11)	43.70079 (347,11)	39.37886 (347,11)	38.51780 (118,12)
170.0 /	89.39833 (11,16)	79.91859 (11,16)	71.74686 (11,16)	64.74351 (11,16)
160.0 /	92.64050 (11, 8)	82.53075 (347, 5)	74.16647 (347, 5)	66.98464 (347, 5)
150.0 /	75.81042 (53,15)	67.82955 (53,15)	60.81552 (53,15)	54.71402 (53,15)
140.0 /	62.56436 (351,13)	55.62778 (351,13)	49.73233 (351,13)	44.73419 (351,13)
130.0 /	59.43900 (14,21)	52.69801 (14,21)	46.94955 (14,21)	42.06667 (14,21)
120.0 /	92.22024 (14,17)	82.60432 (14,17)	74.22121 (14,17)	66.97611 (14,17)
110.0 /	52.47168 (9,13)	46.57925 (9,13)	41.56647 (9,13)	37.31540 (9,13)
100.0 /	92.82339 (52,19)	83.23663 (52,19)	74.85338 (52,19)	67.59185 (52,19)
90.0 /	93.13123 (96,13)	87.41581 (96,13)	80.51353 (96,13)	73.54073 (96,13)
80.0 /	80.69026 (96,14)	75.53069 (96,14)	69.38660 (96,14)	63.22251 (96,14)
70.0 /	63.95135 (99,18)	57.05230 (99,18)	51.13744 (99,18)	46.09037 (99,18)
60.0 /	64.32729 (263,16)	63.19920 (263,16)	60.30441 (263,16)	56.67007 (263,16)
50.0 /	93.32044 (66,15)	87.47363 (99,13)	80.56723 (99,13)	73.58951 (99,13)
40.0 /	99.65002 (14,12)	90.42131 (14,12)	82.06745 (14,12)	74.60088 (14,12)
30.0 /	117.80570 (14, 9)	106.43370 (14, 9)	96.27391 (14, 9)	87.31989 (14, 9)
20.0 /	83.69315 (82,15)	74.88508 (82,15)	67.25736 (82,15)	60.69911 (82,15)
10.0 /	59.58870 (205,13)	50.57499 (205,13)	42.98455 (205,13)	39.38165 (209,13)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	171.60680	4	230	200.0	320.0	26	132.90000	12	30	200.0	280.0
2	158.18930	4	230	250.0	320.0	27	132.89660	13	88	200.0	230.0
3	153.25200	4	230	150.0	320.0	28	132.86570	16	52	250.0	90.0
4	146.35170	8	11	200.0	160.0	29	132.74420	17	66	250.0	120.0
5	143.43760	20	88	250.0	250.0	30	130.82570	20	88	300.0	250.0
6	143.05320	3	244	200.0	270.0	31	130.28360	10	14	300.0	30.0
7	142.99230	10	14	250.0	30.0	32	130.18370	9	14	300.0	30.0
8	142.92810	9	14	250.0	30.0	33	130.03540	14	30	300.0	280.0
9	142.83320	14	30	250.0	280.0	34	129.98630	15	68	300.0	240.0
10	142.80180	15	68	250.0	240.0	35	129.61410	16	314	200.0	240.0
11	139.85670	8	11	250.0	160.0	36	128.92700	15	52	250.0	80.0
12	139.23130	1	155	250.0	320.0	37	128.89780	13	46	250.0	290.0
13	139.16980	12	30	250.0	280.0	38	128.84010	17	52	250.0	100.0
14	139.10880	13	88	250.0	230.0	39	128.75420	11	30	250.0	280.0
15	138.14270	3	244	250.0	270.0	40	128.72600	15	30	250.0	280.0
16	137.53230	20	88	200.0	250.0	41	128.72580	14	87	250.0	280.0
17	136.70700	11	14	250.0	40.0	42	127.70020	16	121	250.0	240.0
18	136.44750	16	314	250.0	240.0	43	127.50000	17	66	200.0	120.0
19	136.30590	10	14	200.0	30.0	44	127.49700	16	52	200.0	90.0
20	136.30080	9	14	200.0	30.0	45	127.41040	12	29	250.0	250.0
21	136.29450	14	30	200.0	280.0	46	127.20590	1	173	200.0	320.0
22	136.29280	15	68	200.0	240.0	47	126.70210	1	155	300.0	320.0
23	133.92250	4	230	300.0	320.0	48	126.60610	12	30	300.0	280.0
24	132.92800	11	14	200.0	40.0	49	126.51050	13	88	300.0	230.0
25	132.90390	1	155	200.0	320.0	50	125.36030	11	14	300.0	40.0

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 111.78280 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	19.69902 (66, 4)	31.29101 (66, 4)	39.11293 (205, 5)	41.01709 (66, 4)	36.22216 (66, 4)
350.0 /	18.06521 (169, 2)	29.28060 (169, 2)	35.45829 (169, 2)	38.46046 (169, 2)	34.17262 (169, 2)
340.0 /	22.46222 (168, 8)	36.05069 (168, 8)	43.45889 (168, 8)	47.60445 (168, 8)	42.22707 (168, 8)
330.0 /	30.59498 (168, 7)	49.24221 (168, 7)	59.46769 (168, 7)	63.88551 (168, 7)	56.92484 (168, 7)
320.0 /	37.01682 (230, 2)	51.08401 (230, 2)	59.00121 (98, 5)	63.25352 (98, 5)	56.50254 (98, 5)
310.0 /	24.46705 (34, 1)	39.41691 (34, 1)	47.54985 (34, 1)	51.54826 (33, 8)	47.70755 (128, 5)
300.0 /	44.99472 (361, 5)	72.65308 (361, 5)	88.06365 (361, 5)	93.57968 (361, 5)	83.97604 (361, 5)
290.0 /	54.30257 (46, 5)	87.36434 (46, 5)	105.90000 (46, 5)	111.78280 (46, 5)	100.86560 (46, 5)
280.0 /	45.29279 (30, 5)	71.88756 (30, 5)	86.77161 (30, 5)	90.76286 (30, 5)	82.48351 (30, 5)
270.0 /	33.54633 (359, 5)	54.83635 (359, 5)	66.91723 (359, 5)	71.45139 (359, 5)	64.18629 (359, 5)
260.0 /	51.81034 (87, 4)	81.08505 (87, 4)	96.81877 (87, 4)	100.44710 (87, 4)	90.55045 (87, 4)
250.0 /	50.22327 (88, 7)	79.10400 (88, 7)	94.81310 (88, 7)	98.80716 (88, 7)	89.16381 (88, 7)
240.0 /	41.56075 (68, 5)	66.38927 (68, 5)	80.12778 (68, 5)	85.19639 (68, 5)	76.58806 (68, 5)
230.0 /	30.69471 (257, 5)	49.82292 (257, 5)	62.65210 (257, 5)	69.14840 (257, 5)	64.87079 (257, 5)
220.0 /	18.97691 (88, 5)	29.28560 (88, 5)	34.53716 (88, 5)	35.56484 (88, 5)	31.64469 (88, 5)
210.0 /	17.88610 (347, 6)	28.43281 (347, 6)	34.05965 (347, 6)	37.10992 (347, 6)	32.75258 (347, 6)
200.0 /	13.21958 (347, 6)	21.34142 (347, 6)	25.80052 (347, 6)	27.81565 (347, 6)	24.71350 (347, 6)
190.0 /	10.73888 (67, 3)	16.97360 (67, 3)	20.29845 (67, 3)	22.12187 (67, 3)	19.51823 (67, 3)
180.0 /	12.87287 (67, 8)	19.84978 (26, 6)	23.75573 (26, 6)	26.13066 (347, 4)	23.16146 (347, 4)
170.0 /	39.12440 (11, 5)	60.73787 (11, 5)	71.86187 (11, 5)	74.28445 (11, 5)	66.09123 (11, 5)
160.0 /	34.21639 (11, 5)	52.68093 (11, 5)	61.96847 (11, 5)	64.97527 (53, 6)	58.24263 (53, 6)
150.0 /	47.16494 (53, 5)	74.81566 (53, 5)	89.81194 (53, 5)	94.13665 (53, 5)	84.41670 (53, 5)
140.0 /	16.33470 (66, 8)	25.85108 (66, 8)	30.94519 (66, 8)	33.51376 (66, 8)	29.64272 (66, 8)
130.0 /	37.57909 (14, 7)	58.67330 (14, 7)	69.61667 (14, 7)	72.69640 (14, 7)	64.55186 (14, 7)
120.0 /	50.18698 (14, 6)	79.00576 (14, 6)	94.49512 (14, 6)	98.42154 (14, 6)	88.34894 (14, 6)
110.0 /	28.35359 (96, 6)	46.04327 (96, 6)	55.86256 (96, 6)	60.27883 (96, 6)	53.74425 (96, 6)
100.0 /	36.97718 (52, 7)	59.43901 (52, 7)	71.75180 (52, 7)	76.28649 (52, 7)	68.09995 (52, 7)
90.0 /	43.21800 (52, 6)	68.35218 (52, 6)	82.08038 (52, 6)	86.04247 (52, 6)	77.50359 (52, 6)
80.0 /	21.74104 (52, 5)	34.45129 (52, 5)	41.52221 (52, 5)	43.39459 (52, 5)	43.23651 (96, 5)
70.0 /	16.35096 (101, 2)	25.47188 (101, 2)	30.31162 (101, 2)	31.36721 (101, 2)	28.20924 (101, 2)
60.0 /	25.25354 (99, 6)	40.21975 (99, 6)	48.40090 (99, 6)	50.75522 (99, 6)	45.61479 (99, 6)
50.0 /	20.15882 (99, 6)	31.51493 (99, 5)	38.64558 (99, 5)	54.04097 (99, 5)	59.09735 (99, 5)
40.0 /	49.15616 (14, 4)	73.92406 (14, 4)	86.84639 (14, 4)	88.95333 (14, 4)	81.18523 (14, 4)
30.0 /	43.45640 (14, 3)	68.50883 (14, 3)	82.11440 (14, 3)	85.53966 (14, 3)	77.10814 (14, 3)
20.0 /	21.09237 (14, 3)	33.41537 (14, 3)	40.08259 (14, 3)	41.92704 (14, 3)	37.56630 (14, 3)
10.0 /	16.68397 (169, 6)	26.93091 (169, 6)	32.71747 (169, 6)	36.11478 (169, 6)	32.30959 (169, 6)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 111.78280 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	32.07045 (66, 4)	28.57679 (66, 4)	25.65433 (66, 4)	23.20148 (66, 4)
350.0 /	30.36100 (169, 2)	27.09685 (169, 2)	24.33348 (169, 2)	21.99500 (169, 2)
340.0 /	37.50998 (168, 8)	33.50487 (168, 8)	30.13276 (168, 8)	27.28877 (168, 8)
330.0 /	50.64717 (168, 7)	45.20977 (168, 7)	40.56870 (168, 7)	36.61915 (168, 7)
320.0 /	50.35579 (98, 5)	44.99999 (98, 5)	40.41014 (98, 5)	36.49294 (98, 5)
310.0 /	44.79771 (128, 5)	41.74255 (128, 5)	38.76162 (128, 5)	35.96209 (128, 5)
300.0 /	75.09360 (361, 5)	67.24968 (361, 5)	60.45520 (361, 5)	54.60843 (361, 5)
290.0 /	90.56609 (46, 5)	81.32875 (46, 5)	73.23241 (46, 5)	66.20329 (46, 5)
280.0 /	74.50009 (30, 5)	67.19956 (30, 5)	60.69882 (30, 5)	54.98422 (30, 5)
270.0 /	57.44277 (359, 5)	51.48698 (359, 5)	46.33296 (359, 5)	41.90276 (359, 5)
260.0 /	81.20247 (87, 4)	72.77237 (87, 4)	65.34381 (87, 4)	58.86800 (87, 4)
250.0 /	80.06335 (88, 7)	71.86593 (88, 7)	64.64706 (88, 7)	59.55767 (113, 5)
240.0 /	73.30119 (125, 4)	69.13661 (125, 4)	64.22476 (125, 4)	59.25294 (125, 4)
230.0 /	60.31301 (257, 5)	55.82908 (257, 5)	51.60504 (257, 5)	47.71940 (257, 5)
220.0 /	30.75842 (258, 5)	29.54230 (258, 5)	28.07871 (258, 5)	26.53062 (258, 5)
210.0 /	28.98916 (347, 6)	25.82747 (347, 6)	23.18576 (347, 6)	20.97049 (347, 6)
200.0 /	23.09234 (257, 4)	23.88171 (257, 4)	24.29649 (257, 4)	24.03924 (257, 4)
190.0 /	17.28512 (67, 3)	15.41657 (67, 3)	13.85897 (67, 3)	12.55454 (67, 3)
180.0 /	22.03660 (247, 6)	20.35308 (247, 6)	18.49051 (247, 6)	16.68741 (247, 6)
170.0 /	58.62387 (11, 5)	52.07333 (11, 5)	46.42458 (11, 5)	41.58392 (11, 5)
160.0 /	52.01206 (53, 6)	46.51052 (53, 6)	41.74815 (53, 6)	37.65411 (53, 6)
150.0 /	75.39925 (53, 5)	67.39955 (53, 5)	60.44360 (53, 5)	54.44224 (53, 5)
140.0 /	26.27338 (66, 8)	23.42435 (66, 8)	21.03220 (66, 8)	19.01909 (66, 8)
130.0 /	57.22053 (14, 7)	50.85072 (14, 7)	45.39451 (14, 7)	40.73932 (14, 7)
120.0 /	78.96470 (14, 6)	70.60313 (14, 6)	63.30616 (14, 6)	56.99315 (14, 6)
110.0 /	47.85518 (96, 6)	42.76271 (96, 6)	38.42215 (96, 6)	34.73176 (96, 6)
100.0 /	60.65466 (52, 7)	54.15992 (52, 7)	48.58548 (52, 7)	43.82188 (52, 7)
90.0 /	69.51299 (52, 6)	62.36627 (52, 6)	56.10677 (52, 6)	50.67220 (52, 6)
80.0 /	41.95860 (96, 5)	39.12013 (96, 5)	35.80433 (96, 5)	32.50996 (96, 5)
70.0 /	25.24497 (101, 2)	22.58311 (101, 2)	20.24487 (101, 2)	18.21164 (101, 2)
60.0 /	40.80518 (99, 6)	36.51241 (99, 6)	32.76317 (99, 6)	29.51783 (99, 6)
50.0 /	58.76780 (99, 5)	55.88403 (99, 5)	52.00489 (99, 5)	47.90469 (99, 5)
40.0 /	73.75021 (14, 4)	66.88835 (14, 4)	60.68993 (14, 4)	55.15867 (14, 4)
30.0 /	69.15520 (14, 3)	61.99963 (14, 3)	55.70749 (14, 3)	50.23139 (14, 3)
20.0 /	33.92899 (100, 5)	32.17850 (100, 5)	30.34564 (100, 5)	28.53273 (100, 5)
10.0 /	28.92106 (169, 6)	26.01192 (169, 6)	23.54107 (169, 6)	21.44219 (169, 6)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 89.30803 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	9.56503 (66, 5)	29.68351 (205, 5)	37.46809 (66, 4)	38.76867 (205, 5)	34.62268 (205, 5)
350.0 /	14.56770 (13, 6)	22.98386 (13, 6)	27.33810 (13, 6)	27.70528 (13, 6)	22.86445 (13, 6)
340.0 /	18.78349 (169, 1)	29.90656 (169, 1)	36.03129 (169, 1)	40.11064 (169, 1)	35.71830 (169, 1)
330.0 /	13.89007 (154, 5)	21.23660 (154, 5)	25.77243 (33, 6)	27.94658 (33, 6)	27.55397 (204, 4)
320.0 /	29.93197 (98, 5)	48.59884 (98, 5)	57.20226 (230, 2)	52.72978 (230, 2)	45.07819 (40, 2)
310.0 /	24.18703 (33, 8)	38.77453 (33, 8)	46.83585 (33, 8)	50.54934 (34, 1)	45.87468 (33, 8)
300.0 /	41.37334 (87, 8)	66.78494 (87, 8)	80.79326 (87, 8)	86.00595 (87, 8)	76.79326 (87, 8)
290.0 /	38.43993 (46, 4)	61.55545 (46, 4)	74.04605 (46, 4)	78.08243 (46, 4)	69.55415 (46, 4)
280.0 /	44.51908 (30, 4)	70.70625 (30, 4)	85.36990 (30, 4)	89.30803 (30, 4)	81.16476 (30, 4)
270.0 /	32.79452 (336, 7)	52.88309 (336, 7)	64.00220 (336, 7)	67.21425 (336, 7)	58.54683 (336, 7)
260.0 /	36.28432 (68, 7)	58.11416 (68, 7)	69.94792 (68, 7)	74.19257 (68, 7)	66.05851 (68, 7)
250.0 /	44.49209 (88, 6)	69.94501 (88, 6)	83.68193 (88, 6)	87.62332 (291, 4)	78.35897 (88, 6)
240.0 /	37.15009 (68, 6)	58.34781 (68, 6)	69.42628 (68, 6)	72.74809 (125, 4)	75.33339 (125, 4)
230.0 /	30.31461 (258, 6)	49.55648 (258, 6)	60.45330 (258, 6)	64.81387 (258, 6)	58.15651 (258, 6)
220.0 /	15.08364 (347, 5)	23.37448 (347, 5)	27.49434 (347, 5)	31.31569 (258, 5)	31.46626 (258, 5)
210.0 /	14.54357 (347, 5)	23.64100 (347, 5)	28.99543 (347, 5)	31.37762 (347, 5)	28.52078 (347, 5)
200.0 /	12.43980 (257, 7)	19.34605 (257, 7)	22.93857 (257, 7)	24.85028 (26, 8)	21.90996 (26, 8)
190.0 /	10.11847 (67, 8)	15.67573 (10, 4)	18.88384 (44, 7)	20.72777 (53, 6)	18.41742 (53, 6)
180.0 /	12.63646 (26, 6)	19.68684 (347, 4)	23.60030 (347, 4)	22.95937 (26, 6)	23.00112 (247, 6)
170.0 /	27.44588 (10, 3)	43.00209 (10, 3)	50.93116 (10, 3)	54.00754 (10, 3)	47.34522 (10, 3)
160.0 /	31.45786 (53, 6)	50.73018 (53, 6)	61.41162 (53, 6)	63.77845 (11, 5)	56.55477 (11, 5)
150.0 /	21.87519 (67, 1)	34.46095 (67, 1)	41.26357 (67, 1)	45.38940 (67, 1)	40.22372 (67, 1)
140.0 /	15.98346 (351, 5)	25.25415 (351, 5)	30.05542 (351, 5)	31.69454 (351, 5)	27.91216 (351, 5)
130.0 /	21.83929 (53, 1)	34.71728 (53, 1)	41.78026 (53, 1)	38.91148 (53, 1)	28.44485 (9, 5)
120.0 /	34.83052 (14, 5)	55.50972 (14, 5)	66.87645 (14, 5)	70.37967 (14, 5)	63.25128 (14, 5)
110.0 /	20.52174 (14, 6)	30.96027 (14, 6)	35.93448 (14, 6)	36.56783 (14, 6)	32.23049 (14, 6)
100.0 /	24.69108 (52, 6)	38.65583 (52, 6)	46.16348 (52, 6)	47.99647 (52, 6)	43.23956 (52, 6)
90.0 /	19.17437 (96, 5)	31.20961 (96, 5)	37.96240 (96, 5)	50.62782 (96, 5)	53.75385 (96, 5)
80.0 /	15.73160 (96, 5)	25.43692 (96, 5)	30.77507 (96, 5)	40.83807 (96, 5)	39.38398 (52, 5)
70.0 /	13.45655 (99, 6)	21.68357 (99, 6)	26.16495 (99, 6)	27.81937 (99, 6)	24.75212 (99, 6)
60.0 /	8.89184 (117, 4)	14.45529 (117, 4)	17.59349 (157, 6)	19.42671 (157, 6)	20.61655 (263, 6)
50.0 /	19.11269 (99, 5)	31.44150 (99, 6)	37.30710 (99, 6)	46.17845 (99, 4)	49.19199 (99, 4)
40.0 /	23.10019 (99, 4)	37.31939 (99, 4)	45.09057 (99, 4)	54.83227 (99, 4)	54.69733 (99, 4)
30.0 /	38.45350 (14, 4)	58.62368 (14, 4)	69.11414 (14, 4)	71.05818 (14, 4)	64.06930 (14, 4)
20.0 /	16.96436 (82, 5)	27.42892 (82, 5)	33.79606 (82, 5)	36.45007 (100, 5)	35.43000 (100, 5)
10.0 /	12.32021 (66, 4)	20.28831 (205, 5)	26.70670 (205, 5)	26.29735 (205, 5)	23.35053 (205, 5)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 89.30803 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	29.92104 (205, 5)	25.67388 (205, 5)	22.07253 (205, 5)	20.28944 (239, 5)
350.0 /	19.57943 (13, 5)	17.49611 (13, 5)	19.48135 (239, 5)	21.37539 (239, 5)
340.0 /	31.87948 (169, 1)	28.62496 (169, 1)	25.88456 (169, 1)	23.86067 (183, 5)
330.0 /	29.62176 (204, 4)	30.17937 (204, 4)	30.93095 (204, 4)	30.76577 (204, 4)
320.0 /	40.11864 (40, 2)	35.92962 (40, 2)	32.41312 (40, 2)	30.53654 (164, 5)
310.0 /	40.89223 (33, 8)	36.65604 (33, 8)	34.80445 (219, 5)	33.13932 (219, 5)
300.0 /	68.39698 (87, 8)	61.06942 (87, 8)	54.78146 (87, 8)	49.41053 (87, 8)
290.0 /	64.02558 (92, 5)	59.39680 (92, 5)	54.80023 (92, 5)	50.47969 (92, 5)
280.0 /	73.30780 (30, 4)	66.12063 (30, 4)	59.71972 (30, 4)	54.09231 (30, 4)
270.0 /	51.33612 (336, 7)	45.37757 (336, 7)	40.44214 (336, 7)	36.32703 (336, 7)
260.0 /	58.69445 (68, 7)	52.29321 (68, 7)	46.81539 (68, 7)	42.14656 (68, 7)
250.0 /	71.62755 (113, 5)	68.17046 (113, 5)	63.95095 (113, 5)	58.35446 (88, 7)
240.0 /	68.64960 (68, 5)	61.63057 (68, 5)	55.53302 (68, 5)	50.26812 (68, 5)
230.0 /	52.01098 (258, 6)	46.60428 (258, 6)	41.93773 (258, 6)	37.93362 (258, 6)
220.0 /	28.05997 (88, 5)	24.90570 (88, 5)	24.35345 (258, 4)	23.89853 (258, 4)
210.0 /	25.85052 (347, 5)	23.45689 (347, 5)	21.34844 (347, 5)	19.50265 (347, 5)
200.0 /	21.95868 (347, 6)	19.60008 (347, 6)	17.60360 (347, 6)	15.91440 (347, 6)
190.0 /	16.39594 (53, 6)	14.68241 (53, 6)	13.24083 (53, 6)	12.02507 (53, 6)
180.0 /	20.60852 (347, 4)	18.46677 (347, 4)	16.67608 (347, 4)	15.17145 (347, 4)
170.0 /	41.59324 (10, 3)	36.75976 (10, 3)	32.72488 (10, 3)	29.34877 (10, 3)
160.0 /	50.02094 (11, 5)	44.31692 (11, 5)	39.41511 (11, 5)	35.32094 (347, 2)
150.0 /	35.76723 (67, 1)	32.01931 (67, 1)	28.88140 (67, 1)	26.24340 (67, 1)
140.0 /	24.58307 (351, 5)	21.74827 (351, 5)	19.36012 (351, 5)	18.85329 (214, 5)
130.0 /	25.20466 (9, 5)	22.45865 (9, 5)	24.29405 (214, 5)	26.48224 (214, 5)
120.0 /	56.62481 (14, 5)	50.73801 (14, 5)	45.61215 (14, 5)	41.18307 (14, 5)
110.0 /	28.35019 (14, 6)	24.98412 (14, 6)	22.10439 (14, 6)	19.65245 (14, 6)
100.0 /	38.77426 (52, 6)	34.76421 (52, 6)	31.24005 (52, 6)	28.17297 (52, 6)
90.0 /	52.33794 (96, 5)	48.96082 (96, 5)	44.95660 (96, 5)	40.94698 (96, 5)
80.0 /	35.52919 (52, 5)	32.01170 (52, 5)	28.88455 (52, 5)	26.13909 (52, 5)
70.0 /	21.97283 (99, 6)	19.55986 (99, 6)	17.49868 (99, 6)	16.21985 (346, 5)
60.0 /	21.44243 (263, 6)	21.06640 (263, 6)	20.10147 (263, 6)	18.89003 (263, 6)
50.0 /	48.02902 (99, 4)	45.02818 (99, 4)	41.41626 (99, 4)	37.77296 (99, 4)
40.0 /	51.92543 (99, 4)	48.11447 (99, 4)	44.09443 (99, 4)	40.24334 (99, 4)
30.0 /	57.50880 (14, 4)	51.59045 (14, 4)	46.36189 (14, 4)	41.78989 (14, 4)
20.0 /	33.52248 (14, 3)	29.93890 (14, 3)	26.82747 (14, 3)	24.14736 (14, 3)
10.0 /	20.10858 (205, 5)	17.33770 (14, 2)	15.74726 (14, 2)	14.41444 (14, 2)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	111.78280	5	46	250.0	290.0	26	86.04247	6	52	250.0	90.0
2	105.90000	5	46	200.0	290.0	27	86.00595	8	87	250.0	300.0
3	100.86560	5	46	300.0	290.0	28	85.53966	3	14	250.0	30.0
4	100.44710	4	87	250.0	260.0	29	85.36990	4	30	200.0	280.0
5	98.80716	7	88	250.0	250.0	30	85.19639	5	68	250.0	240.0
6	98.42154	6	14	250.0	120.0	31	84.41670	5	53	300.0	150.0
7	96.81877	4	87	200.0	260.0	32	83.97604	5	361	300.0	300.0
8	94.81310	7	88	200.0	250.0	33	83.68193	6	88	200.0	250.0
9	94.49512	6	14	200.0	120.0	34	82.48351	5	30	300.0	280.0
10	94.13665	5	53	250.0	150.0	35	82.45805	4	291	200.0	250.0
11	93.57968	5	361	250.0	300.0	36	82.11440	3	14	200.0	30.0
12	90.76286	5	30	250.0	280.0	37	82.08038	6	52	200.0	90.0
13	90.56609	5	46	350.0	290.0	38	81.32875	5	46	400.0	290.0
14	90.55045	4	87	300.0	260.0	39	81.20247	4	87	350.0	260.0
15	89.81194	5	53	200.0	150.0	40	81.18523	4	14	300.0	40.0
16	89.30803	4	30	250.0	280.0	41	81.16476	4	30	300.0	280.0
17	89.16381	7	88	300.0	250.0	42	81.08505	4	87	150.0	260.0
18	88.95333	4	14	250.0	40.0	43	80.79326	8	87	200.0	300.0
19	88.34894	6	14	300.0	120.0	44	80.12778	5	68	200.0	240.0
20	88.06365	5	361	200.0	300.0	45	80.06335	7	88	350.0	250.0
21	87.62332	4	291	250.0	250.0	46	79.10400	7	88	150.0	250.0
22	87.36434	5	46	150.0	290.0	47	79.00576	6	14	150.0	120.0
23	87.04301	6	88	250.0	250.0	48	78.96470	6	14	350.0	120.0
24	86.84639	4	14	200.0	40.0	49	78.35897	6	88	300.0	250.0
25	86.77161	5	30	200.0	280.0	50	78.19066	4	291	300.0	250.0

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 36.40781 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	4.18375 (66, 1)	6.61233 (66, 1)	7.92496 (66, 1)	8.78263 (66, 1)	7.78948 (66, 1)
350.0 /	4.46717 (13, 1)	6.97658 (13, 1)	8.38047 (13, 1)	8.55714 (13, 1)	7.02140 (13, 1)
340.0 /	5.15724 (168, 1)	8.14034 (168, 1)	9.71341 (168, 1)	10.52521 (168, 1)	9.30198 (168, 1)
330.0 /	5.34735 (168, 1)	8.49285 (168, 1)	10.15660 (168, 1)	10.86574 (168, 1)	9.60990 (168, 1)
320.0 /	6.02027 (155, 1)	9.53695 (155, 1)	11.44550 (155, 1)	12.23121 (155, 1)	10.94415 (155, 1)
310.0 /	9.04106 (34, 1)	14.32733 (34, 1)	17.15918 (34, 1)	18.61221 (34, 1)	16.49425 (34, 1)
300.0 /	11.49863 (115, 1)	18.39685 (115, 1)	22.13262 (115, 1)	23.84641 (115, 1)	21.17459 (115, 1)
290.0 /	17.99757 (46, 1)	28.49767 (46, 1)	34.19436 (46, 1)	36.40781 (46, 1)	32.56543 (46, 1)
280.0 /	17.41207 (30, 1)	27.51793 (30, 1)	33.06902 (30, 1)	35.19922 (30, 1)	31.66497 (30, 1)
270.0 /	10.72046 (45, 1)	17.02914 (45, 1)	20.37407 (45, 1)	22.02687 (45, 1)	19.44204 (45, 1)
260.0 /	10.70198 (87, 1)	16.68113 (87, 1)	19.80381 (87, 1)	20.73219 (87, 1)	18.48058 (87, 1)
250.0 /	14.56937 (88, 1)	22.79039 (88, 1)	27.22907 (88, 1)	28.30362 (88, 1)	25.55598 (88, 1)
240.0 /	12.47040 (68, 1)	19.70720 (68, 1)	23.55713 (68, 1)	26.28479 (125, 1)	25.15266 (125, 1)
230.0 /	8.35023 (314, 1)	13.00855 (314, 1)	15.40361 (314, 1)	16.49274 (257, 1)	15.31804 (257, 1)
220.0 /	4.04893 (313, 1)	6.24599 (313, 1)	7.44506 (313, 1)	8.12744 (258, 1)	8.46009 (258, 1)
210.0 /	4.06263 (347, 1)	6.51987 (347, 1)	7.89517 (347, 1)	8.58188 (347, 1)	7.68702 (347, 1)
200.0 /	2.08231 (26, 1)	3.37992 (257, 1)	4.69922 (257, 1)	5.51076 (257, 1)	5.35689 (257, 1)
190.0 /	3.40177 (67, 1)	5.25718 (67, 1)	6.45110 (67, 1)	6.67840 (67, 1)	5.60754 (67, 1)
180.0 /	3.33482 (67, 1)	5.04041 (67, 1)	5.89142 (67, 1)	6.08471 (26, 1)	4.99042 (26, 1)
170.0 /	10.60368 (11, 1)	16.30017 (11, 1)	19.20395 (11, 1)	19.31166 (11, 1)	16.34595 (11, 1)
160.0 /	12.39804 (11, 1)	19.10726 (11, 1)	22.55768 (11, 1)	22.32370 (11, 1)	18.34744 (11, 1)
150.0 /	8.43549 (53, 1)	13.35011 (53, 1)	15.97909 (53, 1)	16.82842 (53, 1)	15.00507 (53, 1)
140.0 /	3.86294 (351, 1)	6.05598 (351, 1)	7.18380 (351, 1)	7.54964 (351, 1)	6.64174 (351, 1)
130.0 /	6.88125 (14, 1)	10.61668 (14, 1)	12.49094 (14, 1)	13.06460 (14, 1)	11.51104 (14, 1)
120.0 /	13.83129 (14, 1)	21.68069 (14, 1)	25.84310 (14, 1)	26.92882 (14, 1)	24.08821 (14, 1)
110.0 /	6.84502 (96, 1)	10.91135 (96, 1)	13.16424 (96, 1)	13.76995 (96, 1)	11.86345 (96, 1)
100.0 /	11.80893 (52, 1)	18.60053 (52, 1)	22.50288 (52, 1)	23.62945 (52, 1)	20.76059 (52, 1)
90.0 /	8.85990 (52, 1)	14.00490 (52, 1)	16.85237 (52, 1)	17.83005 (52, 1)	16.09325 (52, 1)
80.0 /	3.55252 (52, 1)	5.51134 (52, 1)	6.57312 (52, 1)	7.39453 (96, 1)	8.23816 (96, 1)
70.0 /	4.40963 (99, 1)	7.06217 (99, 1)	8.50573 (99, 1)	8.80891 (99, 1)	7.45953 (99, 1)
60.0 /	4.75753 (99, 1)	7.51402 (99, 1)	8.97389 (99, 1)	10.13330 (99, 1)	9.66818 (99, 1)
50.0 /	7.21261 (99, 1)	11.58151 (99, 1)	13.98692 (99, 1)	17.54915 (99, 1)	18.00951 (99, 1)
40.0 /	7.63825 (14, 1)	11.48923 (14, 1)	13.45787 (14, 1)	13.76118 (14, 1)	12.65834 (99, 1)
30.0 /	10.25079 (14, 1)	15.90639 (14, 1)	18.91816 (14, 1)	19.58855 (14, 1)	17.65775 (14, 1)
20.0 /	3.93890 (14, 1)	6.15258 (14, 1)	7.30856 (14, 1)	7.69458 (14, 1)	6.83129 (14, 1)
10.0 /	5.12282 (169, 1)	7.97965 (169, 1)	9.55894 (169, 1)	10.86803 (169, 1)	9.71853 (169, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 36.40781 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	6.92884 (66, 1)	6.20362 (66, 1)	5.59579 (66, 1)	5.08444 (66, 1)
350.0 /	5.98718 (13, 1)	5.24173 (13, 1)	4.67681 (13, 1)	4.28858 (169, 1)
340.0 /	8.23173 (168, 1)	7.32380 (168, 1)	6.56004 (168, 1)	5.91677 (168, 1)
330.0 /	8.49836 (168, 1)	8.04400 (204, 1)	7.87657 (204, 1)	7.60689 (204, 1)
320.0 /	9.77767 (155, 1)	8.75898 (155, 1)	7.88202 (155, 1)	7.12992 (155, 1)
310.0 /	14.63475 (34, 1)	13.05317 (34, 1)	11.71992 (34, 1)	10.59495 (34, 1)
300.0 /	18.79990 (115, 1)	16.76344 (115, 1)	15.03710 (115, 1)	13.57490 (115, 1)
290.0 /	29.06675 (46, 1)	26.00479 (46, 1)	23.36729 (46, 1)	21.10603 (46, 1)
280.0 /	28.41147 (30, 1)	25.53290 (30, 1)	23.02887 (30, 1)	20.86365 (30, 1)
270.0 /	17.18965 (45, 1)	15.28582 (45, 1)	13.68903 (45, 1)	12.34719 (45, 1)
260.0 /	16.43659 (87, 1)	14.64648 (87, 1)	13.10258 (87, 1)	11.77781 (87, 1)
250.0 /	22.96148 (88, 1)	20.62036 (88, 1)	18.55487 (88, 1)	16.75144 (88, 1)
240.0 /	23.35795 (125, 1)	21.38231 (125, 1)	19.46430 (125, 1)	17.70154 (125, 1)
230.0 /	14.09985 (257, 1)	12.93355 (257, 1)	11.86077 (257, 1)	10.89370 (257, 1)
220.0 /	8.46572 (258, 1)	8.26048 (258, 1)	7.93766 (258, 1)	7.55857 (258, 1)
210.0 /	6.89105 (347, 1)	6.20466 (347, 1)	5.61789 (347, 1)	5.11595 (347, 1)
200.0 /	5.15970 (257, 1)	4.92325 (257, 1)	4.72009 (257, 1)	4.48827 (257, 1)
190.0 /	4.86781 (67, 1)	4.31909 (67, 1)	3.88965 (67, 1)	3.54028 (67, 1)
180.0 /	4.45324 (10, 1)	4.01529 (10, 1)	3.65017 (10, 1)	3.34040 (10, 1)
170.0 /	14.05624 (11, 1)	12.23597 (11, 1)	10.76324 (11, 1)	9.55508 (11, 1)
160.0 /	15.38401 (11, 1)	13.11589 (11, 1)	11.34171 (11, 1)	9.92777 (11, 1)
150.0 /	13.34797 (53, 1)	11.90001 (53, 1)	10.65490 (53, 1)	9.58940 (53, 1)
140.0 /	5.84602 (351, 1)	5.16876 (351, 1)	5.10099C(214, 1)	5.33401C(214, 1)
130.0 /	10.14468 (14, 1)	8.97725 (14, 1)	7.98965 (14, 1)	7.15494 (14, 1)
120.0 /	21.47397 (14, 1)	19.16409 (14, 1)	17.16021 (14, 1)	15.43394 (14, 1)
110.0 /	10.31966 (96, 1)	9.06543 (96, 1)	8.03839 (96, 1)	7.18908 (96, 1)
100.0 /	18.39023 (52, 1)	16.41265 (52, 1)	14.74943 (52, 1)	13.33973 (52, 1)
90.0 /	14.49095 (52, 1)	13.06786 (52, 1)	11.82440 (52, 1)	10.74411 (52, 1)
80.0 /	8.34112 (96, 1)	8.06149 (96, 1)	7.60978 (96, 1)	7.09786 (96, 1)
70.0 /	6.39363 (99, 1)	5.54760 (99, 1)	4.86914 (99, 1)	4.31825 (99, 1)
60.0 /	8.90614 (99, 1)	8.07232 (99, 1)	7.27124 (99, 1)	6.54295 (99, 1)
50.0 /	17.32014 (99, 1)	16.14148 (99, 1)	14.82173 (99, 1)	13.52448 (99, 1)
40.0 /	11.91760 (99, 1)	10.97198 (99, 1)	10.00264 (99, 1)	9.08896 (99, 1)
30.0 /	15.84123 (14, 1)	14.20530 (14, 1)	12.76396 (14, 1)	11.50700 (14, 1)
20.0 /	6.05664 (14, 1)	5.55794C(100, 1)	5.39887C(100, 1)	5.18945C(100, 1)
10.0 /	8.72479 (169, 1)	7.88669 (169, 1)	7.18212 (169, 1)	6.58678 (169, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 29.85146 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	2.28634 (169, 1)	3.87176C(205, 1)	5.10169C(205, 1)	5.05679C(205, 1)	4.51601C(205, 1)
350.0 /	3.32477 (169, 1)	5.27814 (169, 1)	6.35120 (169, 1)	6.94815 (169, 1)	6.24012 (169, 1)
340.0 /	3.13120 (169, 1)	4.95681 (169, 1)	5.94305 (169, 1)	6.57112 (169, 1)	5.83536 (169, 1)
330.0 /	3.59554 (64, 1)	5.71250 (64, 1)	6.86739 (64, 1)	7.88023 (204, 1)	8.22646 (204, 1)
320.0 /	5.88108 (47, 1)	9.29579 (47, 1)	11.12958 (47, 1)	12.12479 (47, 1)	10.69758 (47, 1)
310.0 /	7.56695 (3, 1)	11.95755 (3, 1)	14.26015 (3, 1)	15.10592 (3, 1)	13.05351 (3, 1)
300.0 /	10.86642 (361, 1)	17.29818 (361, 1)	20.77859 (361, 1)	21.86072 (361, 1)	19.11280 (361, 1)
290.0 /	11.77545 (360, 1)	18.71263 (360, 1)	22.47346 (360, 1)	24.33171 (360, 1)	21.46758 (360, 1)
280.0 /	14.42011 (337, 1)	23.00960 (337, 1)	27.72581 (337, 1)	29.85146 (337, 1)	26.35832 (337, 1)
270.0 /	8.62937 (336, 1)	13.48823 (336, 1)	16.04823 (336, 1)	16.69134 (336, 1)	14.18432 (337, 1)
260.0 /	7.77878 (102, 1)	12.34788 (102, 1)	14.77571 (102, 1)	15.61821 (102, 1)	13.86241 (102, 1)
250.0 /	11.76717 (89, 1)	18.82690 (89, 1)	22.64509 (89, 1)	24.37847 (89, 1)	21.54398 (89, 1)
240.0 /	11.80277 (125, 1)	18.78478 (125, 1)	22.64390 (125, 1)	24.76223 (68, 1)	22.07037 (68, 1)
230.0 /	7.35057 (257, 1)	11.96834 (257, 1)	14.94847 (257, 1)	16.32027 (314, 1)	14.02474 (314, 1)
220.0 /	3.10557 (347, 1)	4.70892 (347, 1)	6.34929 (258, 1)	7.79486 (313, 1)	6.41401 (313, 1)
210.0 /	2.46391 (257, 1)	4.16701 (257, 1)	5.35244 (257, 1)	6.15393 (257, 1)	5.78537 (257, 1)
200.0 /	1.91659 (257, 1)	3.17905 (26, 1)	3.73708 (26, 1)	4.13822 (26, 1)	3.81478 (347, 1)
190.0 /	1.58491 (53, 1)	2.48398 (53, 1)	2.95362 (53, 1)	3.13621 (53, 1)	2.69180 (53, 1)
180.0 /	3.22239 (26, 1)	4.95539 (26, 1)	5.86005 (26, 1)	5.94523 (67, 1)	4.99006 (10, 1)
170.0 /	7.39075 (10, 1)	11.45572 (10, 1)	13.62434 (10, 1)	14.65516 (10, 1)	12.92621 (10, 1)
160.0 /	8.02569 (53, 1)	12.58969 (53, 1)	14.97248 (53, 1)	15.69033 (53, 1)	13.92996 (53, 1)
150.0 /	4.33824 (351, 1)	6.69186 (351, 1)	7.91833 (351, 1)	8.61479 (351, 1)	7.53367 (351, 1)
140.0 /	2.43753 (53, 1)	3.85309 (9, 1)	4.61046 (9, 1)	4.96851 (9, 1)	4.38970 (9, 1)
130.0 /	5.51809 (53, 1)	8.65417 (53, 1)	10.34102 (53, 1)	10.05525 (53, 1)	7.72777 (53, 1)
120.0 /	2.94879 (66, 1)	4.60403 (66, 1)	5.51164 (66, 1)	5.75248 (66, 1)	5.22357 (66, 1)
110.0 /	4.61648 (14, 1)	6.89835 (14, 1)	7.95265 (14, 1)	8.04978 (14, 1)	7.06546 (14, 1)
100.0 /	6.42428 (96, 1)	10.14066 (96, 1)	12.40907 (96, 1)	13.39617 (96, 1)	12.08472 (96, 1)
90.0 /	3.76614 (96, 1)	6.02677 (96, 1)	7.93375 (96, 1)	10.66434 (96, 1)	11.42168 (96, 1)
80.0 /	2.41879 (96, 1)	3.86272 (96, 1)	5.25231 (96, 1)	6.85480 (52, 1)	6.23695 (52, 1)
70.0 /	2.04387 (101, 1)	3.18398 (101, 1)	3.78895 (101, 1)	3.92090 (101, 1)	3.52615 (101, 1)
60.0 /	1.38510 (117, 1)	2.21459 (117, 1)	2.67296 (117, 1)	2.97049 (117, 1)	3.09248C(263, 1)
50.0 /	4.27624 (66, 1)	6.96250 (66, 1)	8.48365 (66, 1)	9.02619 (66, 1)	8.12236 (66, 1)
40.0 /	5.63155 (99, 1)	8.94138 (99, 1)	10.70446 (99, 1)	12.83542 (99, 1)	12.46616 (14, 1)
30.0 /	1.82483 (66, 1)	2.96924 (66, 1)	3.61024 (66, 1)	3.87015 (66, 1)	3.65842 (157, 1)
20.0 /	3.39078 (169, 1)	5.13162 (169, 1)	6.02060 (169, 1)	6.55506 (169, 1)	5.82125 (169, 1)
10.0 /	3.14679 (66, 1)	4.87178 (66, 1)	5.78503 (66, 1)	6.46049 (66, 1)	5.72789 (66, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 1,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 29.85146 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	3.90276C(205, 1)	3.52964 (169, 1)	3.25496 (169, 1)	3.13131C(129, 1)
350.0 /	5.62732 (169, 1)	5.10726 (169, 1)	4.66587 (169, 1)	4.23155 (13, 1)
340.0 /	5.19729 (169, 1)	4.73390 (95, 1)	4.86164 (95, 1)	4.85596 (95, 1)
330.0 /	8.23802 (204, 1)	7.54796 (168, 1)	6.74443 (168, 1)	6.06564 (168, 1)
320.0 /	9.48008 (47, 1)	8.45842 (47, 1)	7.60335 (47, 1)	7.10252 (252, 1)
310.0 /	11.36831 (3, 1)	9.99606 (3, 1)	8.87451 (3, 1)	7.94988 (3, 1)
300.0 /	16.80059 (361, 1)	15.02622 (3, 1)	13.53338 (3, 1)	12.27164 (3, 1)
290.0 /	19.00938 (360, 1)	16.94383 (360, 1)	15.21472 (360, 1)	13.76172 (360, 1)
280.0 /	23.34758 (337, 1)	20.80737 (337, 1)	18.67368 (337, 1)	16.87604 (337, 1)
270.0 /	12.29016 (337, 1)	10.76921 (337, 1)	9.53699 (337, 1)	8.52709 (337, 1)
260.0 /	12.28173 (102, 1)	10.91263 (102, 1)	9.82948 (133, 1)	9.10649 (133, 1)
250.0 /	19.07254 (89, 1)	16.97750 (89, 1)	15.21488 (89, 1)	13.72959 (89, 1)
240.0 /	20.18941 (121, 1)	18.53260 (121, 1)	16.95608 (121, 1)	15.51446 (121, 1)
230.0 /	12.18637 (314, 1)	10.70770 (314, 1)	9.50713 (314, 1)	8.52093 (314, 1)
220.0 /	5.42654 (313, 1)	4.69018 (313, 1)	4.12247 (313, 1)	3.67274 (313, 1)
210.0 /	5.37396 (257, 1)	4.96437 (257, 1)	4.59924 (257, 1)	4.26031 (257, 1)
200.0 /	3.64916 (347, 1)	3.49329 (347, 1)	3.34480 (347, 1)	3.20274 (347, 1)
190.0 /	2.56045 (27, 1)	2.50624 (27, 1)	2.48714 (27, 1)	2.46796 (27, 1)
180.0 /	4.19253 (26, 1)	3.59663 (26, 1)	3.14027 (26, 1)	2.78239 (26, 1)
170.0 /	11.48215 (10, 1)	10.28113 (10, 1)	9.27725 (10, 1)	8.43105 (10, 1)
160.0 /	12.34246 (53, 1)	10.96287 (53, 1)	9.78180 (53, 1)	8.77500 (53, 1)
150.0 /	6.63719 (351, 1)	5.90030 (351, 1)	5.29259 (351, 1)	4.78724 (351, 1)
140.0 /	4.40994C(214, 1)	4.71403C(214, 1)	4.59788 (351, 1)	4.11685 (351, 1)
130.0 /	6.13976 (53, 1)	5.01897 (53, 1)	4.98318C(214, 1)	5.37020C(214, 1)
120.0 /	5.30890C(215, 1)	5.34039C(215, 1)	5.26264C(215, 1)	5.11988C(215, 1)
110.0 /	6.19202 (14, 1)	5.43855 (14, 1)	4.79671 (14, 1)	4.25216 (14, 1)
100.0 /	10.89031 (96, 1)	9.82853 (96, 1)	8.89789 (96, 1)	8.08704 (96, 1)
90.0 /	11.35412 (96, 1)	10.87378 (96, 1)	10.21884 (96, 1)	9.51380 (96, 1)
80.0 /	5.65890 (52, 1)	5.13651 (52, 1)	4.67248 (52, 1)	4.26349 (52, 1)
70.0 /	3.15562 (101, 1)	2.82289 (101, 1)	2.55861C(59, 1)	2.48401C(59, 1)
60.0 /	3.21636C(263, 1)	3.15996C(263, 1)	3.01522C(263, 1)	2.83350C(263, 1)
50.0 /	7.27738 (66, 1)	6.52653 (66, 1)	5.87364 (66, 1)	5.31042 (66, 1)
40.0 /	11.24866 (14, 1)	10.14244 (14, 1)	9.15623 (14, 1)	8.28574 (14, 1)
30.0 /	3.60389 (157, 1)	3.48049 (157, 1)	3.32098 (157, 1)	3.14660 (157, 1)
20.0 /	5.71036C(100, 1)	5.38548 (14, 1)	4.81191 (14, 1)	4.32343 (14, 1)
10.0 /	5.09955 (66, 1)	4.57335 (66, 1)	4.13407 (66, 1)	3.76545 (66, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X Y(METERS)		RANK	CON.	PER.	DAY	X Y(METERS)	
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	36.40781	1	46	250.0	290.0	26	24.33171	1	360	250.0	290.0
2	35.19922	1	30	250.0	280.0	27	24.08821	1	14	300.0	120.0
3	34.19436	1	46	200.0	290.0	28	23.86738	1	336	200.0	280.0
4	33.06902	1	30	200.0	280.0	29	23.84641	1	115	250.0	300.0
5	32.56543	1	46	300.0	290.0	30	23.62945	1	52	250.0	100.0
6	31.66497	1	30	300.0	280.0	31	23.55713	1	68	200.0	240.0
7	29.85146	1	337	250.0	280.0	32	23.36729	1	46	450.0	290.0
8	29.06675	1	46	350.0	290.0	33	23.35795	1	125	350.0	240.0
9	28.49767	1	46	150.0	290.0	34	23.34758	1	337	350.0	280.0
10	28.41147	1	30	350.0	280.0	35	23.07358	1	121	250.0	240.0
11	28.30362	1	88	250.0	250.0	36	23.02887	1	30	450.0	280.0
12	27.72581	1	337	200.0	280.0	37	23.00960	1	337	150.0	280.0
13	27.51793	1	30	150.0	280.0	38	22.96148	1	88	350.0	250.0
14	27.22907	1	88	200.0	250.0	39	22.79039	1	88	150.0	250.0
15	26.92882	1	14	250.0	120.0	40	22.65675	1	336	300.0	280.0
16	26.35832	1	337	300.0	280.0	41	22.64509	1	89	200.0	250.0
17	26.28479	1	125	250.0	240.0	42	22.64390	1	125	200.0	240.0
18	26.00479	1	46	400.0	290.0	43	22.55768	1	11	200.0	160.0
19	25.84310	1	14	200.0	120.0	44	22.50288	1	52	200.0	100.0
20	25.61242	1	336	250.0	280.0	45	22.47346	1	360	200.0	290.0
21	25.55598	1	88	300.0	250.0	46	22.32370	1	11	250.0	160.0
22	25.53290	1	30	400.0	280.0	47	22.13262	1	115	200.0	300.0
23	25.15266	1	125	300.0	240.0	48	22.07037	1	68	300.0	240.0
24	24.76223	1	68	250.0	240.0	49	22.02687	1	45	250.0	270.0
25	24.37847	1	89	250.0	250.0	50	21.86072	1	361	250.0	300.0

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 1058.17300 AND OCCURRED AT (250.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	74.31078 (205,13)	559.14540 (205,13)	828.95840 (205,13)	897.79760 (205,13)	853.89970 (205,13)
350.0 /	38.20817 (205,13)	311.95740 (205,13)	462.32350 (205,13)	494.92000 (205,13)	464.90280 (205,13)
340.0 /	5.54018 (205,13)	57.49366 (205,13)	85.21645 (205,13)	88.23300 (205,13)	80.00036 (205,13)
330.0 /	14.12565 (154,15)	57.21536 (154,15)	100.05690 (154,15)	154.52150 (154,15)	169.49590 (154,15)
320.0 /	351.65120 (230, 4)	737.94920 (230, 4)	1045.76400 (230, 4)	1058.17300 (230, 4)	899.33760 (230, 4)
310.0 /	5.80819 (173, 1)	20.37124 (173, 1)	93.48923 (134,11)	185.88020 (134,11)	262.03700 (134,11)
300.0 /	8.06115 (218, 9)	38.37766 (361,14)	114.19180 (218,13)	213.28420 (218,13)	287.04970 (218,13)
290.0 /	23.20833 (46,17)	84.84220 (218, 9)	167.46950 (219,11)	297.93690 (219,11)	386.84260 (219,11)
280.0 /	37.09583 (46,17)	125.92600 (46,17)	212.26250 (46,17)	303.28670 (46,17)	344.79060 (126,14)
270.0 /	8.55930 (244, 3)	45.87376 (244, 3)	114.67320 (132,14)	214.08730 (132,14)	288.03050 (132,14)
260.0 /	12.93349 (87,12)	57.09860 (87,12)	103.33060 (87,12)	180.81330 (125,13)	245.00100 (131,13)
250.0 /	44.73808 (88,15)	150.06970 (88,15)	253.60950 (88,15)	363.02260 (88,15)	385.78130 (88,15)
240.0 /	17.49561 (88,15)	71.29596 (68,15)	261.54790 (125,14)	439.07620 (125,14)	545.15490 (125,14)
230.0 /	18.39312 (88,12)	71.86884 (88,12)	126.58350 (88,13)	209.43210 (88,13)	239.53820 (88,13)
220.0 /	5.98892 (88,14)	28.79428 (88,14)	53.01420 (88,14)	93.54691 (88,14)	110.29450 (88,14)
210.0 /	3.72828 (88,14)	17.57932 (88,14)	31.72297 (88,14)	55.09556 (88,14)	64.03872 (88,14)
200.0 /	.03457 (347,16)	2.49015 (257,11)	15.37970 (257,11)	43.07670 (257,11)	76.43674 (257,11)
190.0 /	.08479 (247,18)	2.75902 (247,18)	11.07143 (257,11)	30.98227 (257,11)	54.97762 (257,11)
180.0 /	1.03448 (247,18)	38.97788 (247,18)	148.34930 (247,18)	254.18890 (247,18)	319.93230 (247,18)
170.0 /	8.21063 (11,15)	49.06809 (247,18)	186.79180 (247,18)	321.15880 (247,18)	405.95550 (247,18)
160.0 /	12.62018 (11,14)	48.95657 (11,14)	86.16691 (11,14)	138.96420 (11,14)	155.72760 (11,14)
150.0 /	11.05739 (53,15)	48.12949 (53,15)	86.39425 (53,15)	141.56370 (53,15)	160.39820 (53,15)
140.0 /	1.02394 (351,12)	6.01592 (351,12)	15.32285 (214,12)	42.77296 (214,12)	75.71776 (214,12)
130.0 /	16.10089 (14,19)	58.22852 (14,19)	99.69899 (14,19)	151.42710 (14,19)	164.18380 (14,19)
120.0 /	24.04389 (66,17)	96.27878 (66,17)	170.81930 (66,17)	266.70310 (66,17)	295.95420 (66,17)
110.0 /	12.18182 (14,18)	44.25784 (14,18)	75.18485 (14,18)	113.52290 (14,18)	122.32430 (14,18)
100.0 /	14.20625 (52,17)	64.36633 (52,17)	117.47460 (52,17)	195.00640 (52,17)	223.42770 (52,17)
90.0 /	23.27006 (52,16)	95.88920 (52,16)	178.69640 (96,13)	317.93450 (96,13)	412.99000 (96,13)
80.0 /	13.87699 (52,15)	64.20277 (52,15)	155.70600 (96,14)	276.46560 (96,14)	358.21400 (96,14)
70.0 /	11.23129 (101, 5)	48.21838 (101, 5)	86.35168 (101, 5)	141.22970 (101, 5)	159.81250 (101, 5)
60.0 /	6.76264 (99,17)	38.03519 (99,17)	110.39850 (99,12)	187.71540 (99,12)	234.29910 (99,12)
50.0 /	4.95176 (99,16)	58.19082 (99,12)	220.80650 (99,12)	379.34180 (99,12)	479.60990 (99,12)
40.0 /	79.06994 (14,11)	242.71400 (14,11)	400.46490 (14,11)	547.83950 (14,11)	573.23610 (14,11)
30.0 /	27.70891 (14,12)	80.23710 (14,12)	130.10130 (14,10)	216.83330 (14,10)	249.30400 (14,10)
20.0 /	9.18478 (205,13)	89.48207 (205,13)	132.60400 (205,13)	138.49320 (205,13)	127.59340 (169, 6)
10.0 /	47.85350 (205,13)	380.03640 (205,13)	563.27300 (205,13)	605.36180 (205,13)	571.03560 (205,13)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 1058.17300 AND OCCURRED AT (250.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	773.26170 (205,13)	687.51010 (205,13)	611.23520 (205,13)	541.13570 (205,13)
350.0 /	415.44320 (205,13)	364.52960 (205,13)	319.82220 (205,13)	279.87220 (205,13)
340.0 /	95.73304 (172,14)	117.82110 (172,14)	142.26000 (172,14)	160.03410 (172,14)
330.0 /	174.89410 (154,15)	174.36110 (154,15)	179.10590 (212,11)	187.42300 (212,11)
320.0 /	777.49960 (230, 4)	680.12960 (230, 4)	600.17610 (230, 4)	533.29080 (230, 4)
310.0 /	312.94160 (134,11)	341.85900 (134,11)	354.68090 (134,11)	356.61760 (134,11)
300.0 /	330.84470 (218,13)	351.40120 (218,13)	356.35520 (218,13)	351.57490 (218,13)
290.0 /	433.90700 (219,11)	451.23050 (219,11)	449.96230 (219,11)	437.90750 (219,11)
280.0 /	398.98280 (126,14)	425.38990 (126,14)	432.94220 (126,14)	428.58500 (126,14)
270.0 /	331.88350 (132,14)	352.42540 (132,14)	357.32720 (132,14)	352.47870 (132,14)
260.0 /	292.47220 (131,13)	319.33010 (131,13)	331.11700 (131,13)	332.72670 (131,13)
250.0 /	423.05790 (125,13)	440.73610 (125,13)	440.15370 (125,13)	428.90370 (125,13)
240.0 /	590.53960 (125,14)	597.40080 (125,14)	582.61760 (125,14)	556.76950 (125,14)
230.0 /	255.91950 (88,13)	262.92970 (88,13)	263.83350 (88,13)	260.86390 (88,13)
220.0 /	120.43880 (88,14)	125.79690 (88,14)	127.86280 (88,14)	132.34510 (258,13)
210.0 /	69.04363 (88,14)	71.28751 (88,14)	74.73660 (258,11)	83.75051 (258,11)
200.0 /	107.43450 (257,11)	132.37550 (257,11)	160.28230 (257,11)	180.49550 (257,11)
190.0 /	77.10047 (257,11)	94.68335 (257,11)	113.72110 (257,11)	135.02460 (118,12)
180.0 /	349.75230 (247,18)	355.97940 (247,18)	348.54920 (247,18)	333.89980 (247,18)
170.0 /	445.75510 (247,18)	455.65010 (247,18)	447.98490 (247,18)	430.84560 (247,18)
160.0 /	163.77330 (11,14)	166.12250 (11,14)	164.91420 (11,14)	161.55500 (11,14)
150.0 /	169.88110 (53,15)	173.12830 (53,15)	172.41820 (53,15)	169.27820 (53,15)
140.0 /	106.21320 (214,12)	130.65000 (214,12)	157.85230 (214,12)	177.50080 (214,12)
130.0 /	168.14350 (14,19)	166.79090 (14,19)	162.41700 (14,19)	181.92270 (182,13)
120.0 /	308.80780 (66,17)	311.15960 (66,17)	307.12670 (66,17)	299.37370 (66,17)
110.0 /	124.53200 (14,18)	122.83510 (14,18)	118.97700 (14,18)	150.08610 (164,12)
100.0 /	238.84260 (52,17)	245.36160 (52,17)	246.08650 (52,17)	243.14350 (52,17)
90.0 /	463.51010 (96,13)	482.33290 (96,13)	481.30510 (96,13)	468.73130 (96,13)
80.0 /	400.98460 (96,14)	416.20440 (96,14)	414.30230 (96,14)	402.53960 (96,14)
70.0 /	169.12080 (101, 5)	172.25950 (101, 5)	171.48950 (101, 5)	168.32390 (101, 5)
60.0 /	254.06340 (99,12)	256.61330 (99,12)	270.28880 (263,16)	277.29950 (263,16)
50.0 /	527.01380 (99,12)	539.24800 (99,12)	530.78020 (99,12)	511.09470 (99,12)
40.0 /	572.32430 (14,11)	556.38680 (14,11)	532.69090 (14,11)	505.59780 (14,11)
30.0 /	267.29010 (14,10)	275.29070 (14,10)	276.73540 (14,10)	273.99220 (14,10)
20.0 /	134.80780 (169, 6)	136.96940 (169, 6)	135.95810 (169, 6)	135.17960 (209,13)
10.0 /	512.57780 (205,13)	451.76810 (205,13)	398.14290 (205,13)	349.77880 (205,13)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 500.61540 AND OCCURRED AT (300.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.01980 (116, 7)	2.21170 (181,15)	13.71920 (181,15)	38.41426 (181,15)	68.16433 (181,15)
350.0 /	.02612 (169, 5)	2.53618 (210,14)	15.62128 (210,14)	43.65733 (210,14)	77.34470 (210,14)
340.0 /	.59697 (168,21)	4.64775 (168,21)	13.71922 (172,14)	38.41431 (172,14)	68.16434 (172,14)
330.0 /	1.55107 (358,10)	8.87565 (358,10)	28.87334 (212,11)	68.23199 (212,11)	108.29820 (212,11)
320.0 /	30.79975 (173, 1)	118.17160 (173, 1)	205.25440 (173, 1)	250.13490 (173, 1)	241.31430 (155, 1)
310.0 /	2.31609 (155, 1)	20.19208 (134,11)	34.82600 (219,14)	82.48821 (219,14)	131.32200 (219,14)
300.0 /	7.43700 (361,14)	31.61448 (218, 9)	106.92900 (220,14)	198.60210 (220,14)	265.94170 (220,14)
290.0 /	20.70168 (218, 9)	76.94773 (46,17)	150.58400 (218, 9)	235.20050 (218, 9)	265.94210 (220,14)
280.0 /	27.55877 (87,13)	98.47433 (87,13)	168.46890 (87,13)	255.15890 (126,14)	321.44500 (46,17)
270.0 /	6.84102 (87,10)	29.36331 (87,10)	86.53790 (244, 3)	135.26670 (138,12)	201.78440 (138,12)
260.0 /	11.05736 (87,11)	48.12933 (87,11)	101.98310 (125,13)	173.83240 (131,13)	233.41580 (125,13)
250.0 /	26.29915 (88,20)	103.86640 (88,20)	184.24290 (88,20)	289.06800 (125,13)	376.34710 (125,13)
240.0 /	16.22167 (68,15)	70.93142 (125,14)	177.47610 (126,12)	317.24960 (126,12)	413.73470 (126,12)
230.0 /	15.97035 (88,13)	69.63889 (88,13)	125.73680 (88,12)	194.21490 (88,12)	213.42410 (88,12)
220.0 /	2.39017 (88,13)	12.50013 (257,14)	22.82757 (257,14)	43.19943 (347,14)	53.80860 (347,14)
210.0 /	.25053 (347,15)	2.28311 (347,15)	7.06492 (257,11)	19.74499 (257,11)	35.03813 (257,11)
200.0 /	.01611 (88,14)	1.28425 (218, 7)	2.42212 (257,10)	9.74393 (257,10)	22.14557 (257,10)
190.0 /	.00486 (347,16)	1.77043 (257,11)	10.48250 (247,18)	17.27297 (247,18)	20.70347 (247,18)
180.0 /	.24012 (11,16)	1.21192 (11,16)	4.32901 (48,14)	14.13786 (48,14)	27.92485 (48,14)
170.0 /	7.87178 (11,14)	34.83767 (11,15)	63.28413 (11,15)	110.38260 (11,15)	129.25910 (11,15)
160.0 /	6.89477 (53,15)	29.39042 (53,15)	51.71359 (53,15)	83.43437 (53,15)	95.32179 (53,16)
150.0 /	5.87668 (53,14)	28.73368 (53,14)	53.03979 (53,14)	93.79184 (53,14)	110.74620 (53,14)
140.0 /	.27905 (351,13)	2.48861 (214,12)	14.38110 (214,15)	40.00081 (214,15)	70.64038 (214,15)
130.0 /	5.82902 (66,17)	21.84538 (66,17)	36.50241 (66,17)	54.43729 (66,17)	77.34464 (182,13)
120.0 /	19.50663 (14,18)	72.44891 (14,18)	125.55670 (14,18)	192.48920 (14,18)	210.42800 (14,18)
110.0 /	5.38997 (14,15)	21.45590 (14,15)	36.92123 (14,13)	58.58444 (14,13)	66.56920 (96,15)
100.0 /	13.76510 (14,13)	57.52996 (14,13)	103.14530 (14,13)	168.81650 (14,13)	191.36710 (14,13)
90.0 /	3.42936 (52,17)	45.03371 (96,13)	171.03490 (52,16)	268.15580 (52,16)	298.42910 (52,16)
80.0 /	7.00353 (101, 5)	39.24556 (96,14)	117.59110 (52,15)	195.74840 (52,15)	224.71260 (52,15)
70.0 /	3.34934 (52,15)	14.55291 (52,15)	35.28635 (263,16)	75.54788 (263,16)	111.78670 (263,16)
60.0 /	.67676 (99,12)	29.11167 (99,12)	72.46426 (99,17)	131.44370 (99,17)	181.01400 (263,16)
50.0 /	3.05643 (66,15)	45.22702 (99,13)	179.37720 (99,13)	319.02190 (99,13)	414.27440 (99,13)
40.0 /	70.66323 (14,12)	214.95080 (14,12)	352.64540 (14,12)	480.36370 (14,12)	500.61540 (14,12)
30.0 /	19.36592 (14,11)	71.04181 (14, 9)	130.01950 (14, 9)	216.29180 (14, 9)	248.36040 (14, 9)
20.0 /	8.40071 (169, 6)	38.29626 (169, 6)	68.77496 (169, 6)	112.75150 (169, 6)	126.72710 (205,13)
10.0 /	.11169 (14, 7)	2.21170 (181,15)	13.71921 (181,15)	38.41428 (181,15)	68.16437 (181,15)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 500.61540 AND OCCURRED AT (300.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	95.73290 (181,15)	117.82100 (181,15)	142.25980 (181,15)	160.03380 (181,15)
350.0 /	108.58070 (210,14)	133.66220 (210,14)	161.67970 (210,14)	181.92270 (210,14)
340.0 /	77.92822 (234,14)	97.10703 (173,14)	116.15010 (173,14)	135.98660 (175,13)
330.0 /	140.91290 (212,11)	164.19180 (212,11)	170.37220 (154,15)	185.38860 (203,13)
320.0 /	258.24190 (155, 1)	265.60400 (155, 1)	266.71220 (155, 1)	263.84190 (155, 1)
310.0 /	171.41780 (219,14)	200.37140 (219,14)	219.24560 (219,14)	230.10620 (219,14)
300.0 /	305.15130 (220,14)	322.83420 (220,14)	326.23480 (220,14)	322.43600 (211,12)
290.0 /	311.83870 (132,12)	340.74110 (132,12)	353.59550 (132,12)	355.58940 (132,12)
280.0 /	324.51080 (92,12)	354.71690 (92,12)	368.24040 (92,12)	370.46240 (92,12)
270.0 /	251.33590 (138,12)	283.61940 (138,12)	301.95530 (138,12)	310.06480 (138,12)
260.0 /	260.16930 (132,14)	286.80880 (221,14)	305.12990 (221,14)	313.13430 (221,14)
250.0 /	389.39730 (88,15)	408.54270 (138,13)	415.22990 (138,13)	410.54260 (138,13)
240.0 /	465.89450 (126,12)	486.18800 (126,12)	486.33650 (126,12)	474.64120 (126,12)
230.0 /	220.82950 (88,12)	220.86560 (88,12)	216.55100 (88,12)	209.80160 (88,12)
220.0 /	75.10670 (258,13)	98.24072 (258,13)	117.41780 (258,13)	127.72240 (88,14)
210.0 /	48.98738 (257,11)	62.90165 (258,11)	71.69585 (88,14)	80.94736 (207,12)
200.0 /	37.33824 (257,10)	52.94695 (257,10)	67.39984 (257,10)	79.91676 (257,10)
190.0 /	29.68772 (67,13)	42.43436 (67,13)	78.21755 (118,12)	127.68060 (257,11)
180.0 /	42.53545 (48,14)	55.82419 (48,14)	89.95871 (118,12)	153.57040 (118,12)
170.0 /	140.71790 (11,15)	146.84370 (11,15)	149.30710 (11,15)	149.30990 (11,15)
160.0 /	109.86280 (53,16)	119.81930 (53,16)	126.21520 (53,16)	129.94210 (53,16)
150.0 /	121.04480 (53,14)	126.50660 (53,14)	128.63640 (53,14)	140.98770 (214,12)
140.0 /	98.85176 (214,15)	121.31400 (214,15)	146.04070 (214,15)	163.88830 (214,15)
130.0 /	108.58060 (182,13)	133.66230 (182,13)	161.67960 (182,13)	163.88840 (214,15)
120.0 /	216.99530 (14,18)	216.54040 (14,18)	211.98220 (14,18)	205.15520 (14,18)
110.0 /	72.37244 (96,15)	75.13055 (96,15)	89.19810 (164,12)	127.89020 (162,13)
100.0 /	202.99730 (14,13)	207.31660 (14,13)	206.96220 (14,13)	203.70740 (14,13)
90.0 /	314.51060 (96,14)	325.05470 (96,14)	322.24500 (96,14)	311.87570 (96,14)
80.0 /	240.51210 (52,15)	247.27650 (52,15)	248.14140 (52,15)	245.26480 (52,15)
70.0 /	138.01020 (263,16)	154.35320 (263,16)	162.90210 (263,16)	165.87010 (263,16)
60.0 /	225.33840 (263,16)	254.09160 (263,16)	249.46570 (99,12)	237.39030 (99,12)
50.0 /	464.83720 (99,13)	483.61510 (99,13)	482.50280 (99,13)	469.83040 (99,13)
40.0 /	498.08260 (14,12)	482.72100 (14,12)	460.87880 (14,12)	436.32760 (14,12)
30.0 /	266.06000 (14, 9)	273.87590 (14, 9)	275.21350 (14, 9)	272.41810 (14, 9)
20.0 /	110.17860 (14, 7)	120.20490 (14, 7)	126.65000 (14, 7)	133.02790 (169, 6)
10.0 /	95.73295 (181,15)	117.82100 (181,15)	142.25980 (181,15)	163.87760 (209,13)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	1058.17300	4	230	250.0	320.0	26	545.15490	14	125	300.0	240.0
2	1045.76400	4	230	200.0	320.0	27	541.13570	13	205	500.0	360.0
3	899.33760	4	230	300.0	320.0	28	539.24800	12	99	400.0	50.0
4	897.79760	13	205	250.0	360.0	29	533.29080	4	230	500.0	320.0
5	853.89970	13	205	300.0	360.0	30	532.69090	11	14	450.0	40.0
6	828.95840	13	205	200.0	360.0	31	530.78020	12	99	450.0	50.0
7	777.49960	4	230	350.0	320.0	32	527.01380	12	99	350.0	50.0
8	773.26170	13	205	350.0	360.0	33	512.57780	13	205	350.0	10.0
9	737.94920	4	230	150.0	320.0	34	511.09470	12	99	500.0	50.0
10	687.51010	13	205	400.0	360.0	35	505.59780	11	14	500.0	40.0
11	680.12960	4	230	400.0	320.0	36	500.61540	12	14	300.0	40.0
12	611.23520	13	205	450.0	360.0	37	498.08260	12	14	350.0	40.0
13	605.36180	13	205	250.0	10.0	38	494.92000	13	205	250.0	350.0
14	600.17610	4	230	450.0	320.0	39	486.33650	12	126	450.0	240.0
15	597.40080	14	125	400.0	240.0	40	486.18800	12	126	400.0	240.0
16	590.53960	14	125	350.0	240.0	41	483.61510	13	99	400.0	50.0
17	582.61760	14	125	450.0	240.0	42	482.72100	12	14	400.0	40.0
18	573.23610	11	14	300.0	40.0	43	482.50280	13	99	450.0	50.0
19	572.32430	11	14	350.0	40.0	44	482.33290	13	96	400.0	90.0
20	571.03560	13	205	300.0	10.0	45	481.30510	13	96	450.0	90.0
21	563.27300	13	205	200.0	10.0	46	480.36370	12	14	250.0	40.0
22	559.14540	13	205	150.0	360.0	47	479.60990	12	99	300.0	50.0
23	556.76950	14	125	500.0	240.0	48	474.64120	12	126	500.0	240.0
24	556.38680	11	14	400.0	40.0	49	469.83040	13	99	500.0	50.0
25	547.83950	11	14	250.0	40.0	50	468.73130	13	96	500.0	90.0

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 363.32100 AND OCCURRED AT (300.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	24.77026 (205, 5)	186.38180 (205, 5)	276.31950 (205, 5)	299.26590 (205, 5)	284.63350 (205, 5)
350.0 /	12.73606 (205, 5)	103.98580 (205, 5)	154.10780 (205, 5)	164.97330 (205, 5)	154.96760 (205, 5)
340.0 /	1.84673 (205, 5)	19.16455 (205, 5)	28.40548 (205, 5)	29.41100 (205, 5)	28.30478 (172, 5)
330.0 /	4.70855 (154, 5)	19.07179 (154, 5)	33.35229 (154, 5)	51.50720 (154, 5)	56.49874 (154, 5)
320.0 /	117.21710 (230, 2)	245.98310 (230, 2)	348.58810 (230, 2)	352.72450 (230, 2)	299.77920 (230, 2)
310.0 /	1.93606 (173, 1)	8.30174 (134, 4)	39.34668 (134, 4)	79.36061 (134, 4)	112.89220 (134, 4)
300.0 /	2.68705 (218, 3)	14.36457 (33, 4)	38.06394 (218, 5)	75.57533 (134, 4)	109.71160 (134, 4)
290.0 /	8.06735 (87, 5)	31.46915 (87, 5)	59.76567 (219, 4)	108.68970 (219, 4)	143.80510 (219, 4)
280.0 /	14.11038 (87, 5)	54.55022 (87, 5)	95.59432 (87, 5)	148.12090 (87, 5)	163.62110 (87, 5)
270.0 /	4.00118 (87, 4)	17.04346 (87, 4)	38.23251 (132, 5)	71.37906 (132, 5)	96.03151 (132, 5)
260.0 /	11.65407 (87, 4)	51.10450 (87, 4)	92.04713 (87, 4)	151.22890 (87, 4)	171.74830 (87, 4)
250.0 /	14.91277 (88, 5)	50.02342 (88, 5)	102.58950 (125, 5)	178.35820 (125, 5)	224.43930 (125, 5)
240.0 /	6.13382 (88, 5)	33.33286 (125, 5)	109.38470 (125, 5)	187.54570 (126, 4)	248.27600 (126, 4)
230.0 /	6.13104 (88, 4)	23.95628 (88, 4)	42.39259 (88, 5)	70.09500 (88, 5)	80.13054 (88, 5)
220.0 /	2.79303 (88, 5)	12.79173 (88, 5)	23.02829 (88, 5)	39.51001 (88, 5)	45.75555 (88, 5)
210.0 /	1.24342 (88, 5)	5.86169 (88, 5)	10.57671 (88, 5)	18.36812 (88, 5)	21.34879 (88, 5)
200.0 /	.01155 (347, 6)	.88598 (257, 4)	5.93394 (257, 4)	17.60688 (257, 4)	32.86077 (257, 4)
190.0 /	.02826 (247, 6)	.91967 (247, 6)	3.87475 (257, 4)	11.06283 (257, 4)	19.96973 (257, 4)
180.0 /	.34483 (247, 6)	12.99263 (247, 6)	49.44978 (247, 6)	84.72963 (247, 6)	106.64410 (247, 6)
170.0 /	5.65266 (11, 5)	23.19879 (11, 5)	62.26394 (247, 6)	107.05290 (247, 6)	135.31850 (247, 6)
160.0 /	5.55895 (11, 5)	22.26343 (11, 5)	39.40210 (11, 5)	65.97441 (11, 5)	75.63435 (11, 5)
150.0 /	5.73969 (53, 5)	26.44577 (53, 5)	48.26232 (53, 5)	83.52905 (53, 5)	98.33771 (53, 5)
140.0 /	.34131 (351, 4)	2.00531 (351, 4)	5.10762 (214, 4)	14.25768 (214, 4)	25.24173 (214, 4)
130.0 /	5.73639 (14, 7)	21.55030 (14, 7)	37.46259 (14, 7)	60.44621 (14, 7)	68.53624 (14, 7)
120.0 /	8.68398 (14, 6)	35.65538 (14, 6)	63.76928 (14, 6)	107.02780 (14, 6)	123.76130 (14, 6)
110.0 /	4.67748 (14, 6)	17.94211 (14, 6)	30.94466 (14, 6)	49.05566 (14, 6)	54.49847 (14, 6)
100.0 /	5.01835 (52, 6)	22.52027 (52, 6)	40.85796 (52, 6)	67.72636 (52, 6)	77.45387 (52, 6)
90.0 /	8.98454 (52, 6)	37.64080 (52, 6)	100.91990 (96, 5)	179.12200 (96, 5)	231.97630 (96, 5)
80.0 /	4.63153 (52, 5)	21.44117 (52, 5)	81.64026 (96, 5)	144.52440 (96, 5)	186.56810 (96, 5)
70.0 /	3.74376 (101, 2)	16.07279 (101, 2)	28.78390 (101, 2)	47.07657 (101, 2)	53.27084 (101, 2)
60.0 /	2.29652 (99, 6)	13.01879 (99, 6)	37.80954 (99, 4)	64.47788 (99, 4)	80.62088 (99, 4)
50.0 /	2.19163 (99, 6)	23.55778 (99, 4)	94.21545 (99, 5)	174.41990 (99, 5)	233.70730 (99, 5)
40.0 /	50.38740 (14, 4)	154.51880 (14, 4)	254.29440 (14, 4)	347.75540 (14, 4)	363.32100 (14, 4)
30.0 /	20.85164 (14, 4)	68.78710 (14, 4)	114.11580 (14, 4)	165.40710 (14, 4)	176.96810 (14, 4)
20.0 /	3.06159 (205, 5)	29.82736 (205, 5)	44.20135 (205, 5)	46.16442 (205, 5)	42.53115 (169, 2)
10.0 /	15.95117 (205, 5)	126.67880 (205, 5)	187.75770 (205, 5)	201.78730 (205, 5)	190.34670 (205, 5)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 363.32100 AND OCCURRED AT (300.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	257.76020 (205, 5)	229.21670 (205, 5)	203.94770 (205, 5)	180.97420 (205, 5)
350.0 /	138.48140 (205, 5)	121.51240 (205, 5)	106.61880 (205, 5)	93.32751 (205, 5)
340.0 /	41.22937 (172, 5)	52.31076 (172, 5)	65.10599 (183, 5)	77.10894 (183, 5)
330.0 /	65.51201 (204, 4)	81.96700 (204, 4)	102.19780 (204, 4)	120.27310 (204, 4)
320.0 /	259.16650 (230, 2)	226.70990 (230, 2)	200.05870 (230, 2)	177.76360 (230, 2)
310.0 /	135.60800 (134, 4)	148.69140 (134, 4)	154.62970 (134, 4)	155.69020 (134, 4)
300.0 /	133.83160 (134, 4)	148.53650 (134, 4)	156.00220 (134, 4)	158.37050 (134, 4)
290.0 /	164.03880 (219, 4)	181.66880 (132, 4)	192.64580 (132, 4)	197.26990 (132, 4)
280.0 /	170.16080 (87, 5)	171.85450 (30, 5)	172.87950 (92, 4)	175.97320 (92, 4)
270.0 /	110.65130 (132, 5)	117.49870 (132, 5)	119.13160 (132, 5)	117.51380 (132, 5)
260.0 /	182.26020 (87, 4)	186.06270 (87, 4)	185.58290 (87, 4)	182.45580 (87, 4)
250.0 /	247.07610 (125, 5)	253.83620 (125, 5)	251.04670 (125, 5)	242.93130 (125, 5)
240.0 /	282.83570 (126, 4)	297.87430 (126, 4)	300.18060 (126, 4)	294.75310 (126, 4)
230.0 /	85.57644 (88, 5)	87.89233 (88, 5)	88.17104 (88, 5)	90.84728 (257, 5)
220.0 /	49.27026 (88, 5)	56.63068 (258, 4)	67.55934 (258, 4)	76.00843 (258, 4)
210.0 /	23.01668 (88, 5)	27.51663 (258, 4)	32.73263 (258, 4)	36.68975 (258, 4)
200.0 /	48.25759 (257, 4)	61.77417 (257, 4)	75.89404 (257, 4)	86.80410 (257, 4)
190.0 /	28.41751 (257, 4)	35.33529 (257, 4)	42.61263 (257, 4)	48.02700 (257, 4)
180.0 /	116.58410 (247, 6)	118.65980 (247, 6)	116.18310 (247, 6)	111.29990 (247, 6)
170.0 /	148.58500 (247, 6)	151.88340 (247, 6)	149.32830 (247, 6)	143.61520 (247, 6)
160.0 /	81.04061 (11, 5)	83.50175 (11, 5)	84.00977 (11, 5)	83.25260 (11, 5)
150.0 /	107.70620 (53, 5)	113.08830 (53, 5)	115.67680 (53, 5)	116.34400 (53, 5)
140.0 /	35.44438 (214, 4)	43.80920 (214, 4)	58.81303 (214, 5)	77.54863 (214, 5)
130.0 /	73.35628 (14, 7)	75.84323 (14, 7)	76.76822 (14, 7)	104.54290 (214, 5)
120.0 /	133.63380 (14, 6)	138.63520 (14, 6)	140.33250 (14, 6)	139.83880 (14, 6)
110.0 /	56.89573 (14, 6)	57.32939 (14, 6)	56.55931 (14, 6)	55.08077 (14, 6)
100.0 /	82.75582 (52, 6)	84.99541 (52, 6)	85.23858 (52, 6)	84.21609 (52, 6)
90.0 /	259.58260 (96, 5)	269.35810 (96, 5)	268.06180 (96, 5)	260.39610 (96, 5)
80.0 /	208.05510 (96, 5)	215.15970 (96, 5)	213.42780 (96, 5)	206.68240 (96, 5)
70.0 /	56.37361 (101, 2)	57.41983 (101, 2)	57.16317 (101, 2)	56.10796 (101, 2)
60.0 /	87.50822 (99, 4)	88.42852 (99, 4)	90.09625 (263, 6)	92.43318 (263, 6)
50.0 /	268.82720 (99, 5)	285.35640 (99, 5)	289.44020 (99, 5)	285.75960 (99, 5)
40.0 /	362.20100 (14, 4)	351.61450 (14, 4)	336.18820 (14, 4)	318.68540 (14, 4)
30.0 /	179.76420 (14, 4)	177.31740 (14, 4)	171.95540 (14, 4)	165.11010 (14, 4)
20.0 /	44.93592 (169, 2)	45.65646 (169, 2)	47.39173 (14, 3)	48.33950 (14, 3)
10.0 /	170.88610 (205, 5)	150.77330 (205, 5)	133.49110 (205, 5)	118.78330 (205, 5)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 251.59550 AND OCCURRED AT (400.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00660 (116, 3)	.73723 (181, 5)	4.57307 (181, 5)	12.80479 (181, 5)	22.72372 (181, 5)
350.0 /	.00892 (169, 2)	.84588 (210, 5)	5.21211 (210, 5)	14.56841 (210, 5)	25.83558 (210, 5)
340.0 /	.21542 (168, 7)	1.71778 (168, 7)	5.18426 (172, 5)	15.26701 (172, 5)	26.66679 (205, 5)
330.0 /	.51704 (358, 4)	2.95886 (358, 4)	9.62445 (212, 4)	26.12378 (204, 4)	46.38342 (204, 4)
320.0 /	10.26658 (173, 1)	39.39053 (173, 1)	68.41814 (173, 1)	83.37829 (173, 1)	80.43812 (155, 1)
310.0 /	.77203 (155, 1)	6.79041 (173, 1)	13.80663 (219, 5)	34.59740 (219, 5)	57.67265 (219, 5)
300.0 /	2.68030 (33, 4)	13.66137 (361, 5)	36.42675 (134, 4)	71.09474 (218, 5)	95.68431 (218, 5)
290.0 /	7.79523 (46, 6)	28.65613 (46, 5)	54.62018 (87, 5)	95.18556 (46, 5)	131.20970 (132, 4)
280.0 /	12.40205 (46, 6)	45.44146 (30, 5)	82.66402 (30, 5)	136.87060 (30, 5)	156.59500 (30, 5)
270.0 /	2.85310 (244, 1)	15.29125 (244, 1)	29.81704 (87, 4)	47.90242 (87, 4)	69.36903 (138, 5)
260.0 /	1.18521 (291, 5)	8.86687 (125, 5)	35.14491 (125, 5)	65.76363 (121, 5)	91.33113 (121, 5)
250.0 /	11.29831 (88, 7)	47.21812 (88, 7)	84.89861 (88, 7)	138.61690 (88, 7)	171.68670 (121, 5)
240.0 /	5.41530 (68, 5)	25.11954 (126, 4)	102.86240 (126, 4)	185.28580 (125, 5)	228.66810 (125, 5)
230.0 /	5.36375 (88, 5)	23.34898 (88, 5)	41.91227 (88, 4)	64.73830 (88, 4)	72.91481 (126, 4)
220.0 /	.76080 (257, 5)	4.18326 (257, 5)	7.76741 (257, 5)	15.34346 (347, 5)	28.69473 (258, 4)
210.0 /	.08846 (347, 5)	.78606 (347, 5)	2.65867 (257, 4)	7.79694 (257, 4)	14.41116 (257, 4)
200.0 /	.00537 (88, 5)	.42808 (218, 3)	.89078 (258, 4)	3.48220 (258, 4)	7.77152 (258, 4)
190.0 /	.00162 (347, 6)	.60270 (257, 4)	3.49417 (247, 6)	5.75766 (247, 6)	6.90116 (247, 6)
180.0 /	.08004 (11, 6)	.40397 (11, 6)	1.44300 (48, 5)	4.71262 (48, 5)	9.30828 (48, 5)
170.0 /	.54771 (11, 6)	16.35603 (247, 6)	41.42235 (11, 5)	70.99950 (11, 5)	82.46175 (11, 5)
160.0 /	3.52273 (53, 5)	15.68489 (53, 5)	27.89489 (53, 5)	46.43798 (53, 5)	52.78110 (53, 5)
150.0 /	.07019 (53, 4)	.66112 (214, 4)	4.10449 (214, 4)	11.45082 (214, 4)	20.27283 (214, 4)
140.0 /	.09612 (351, 5)	.82954 (214, 4)	4.79370 (214, 5)	13.33412 (214, 5)	23.58149 (214, 5)
130.0 /	1.94301 (66, 6)	7.28179 (66, 6)	12.16753 (66, 6)	18.14731 (66, 6)	25.78159 (182, 5)
120.0 /	8.01463 (66, 6)	32.09293 (66, 6)	56.93975 (66, 6)	88.90105 (66, 6)	98.65160 (66, 6)
110.0 /	3.58470 (14, 5)	14.33779 (14, 5)	24.69031 (14, 5)	39.24825 (14, 5)	43.26355 (14, 5)
100.0 /	4.59297 (14, 5)	19.19067 (14, 5)	34.40051 (14, 5)	56.89227 (96, 5)	69.45052 (96, 5)
90.0 /	.45591 (52, 5)	25.49591 (96, 5)	67.15189 (52, 6)	107.75440 (52, 6)	122.10280 (52, 6)
80.0 /	2.33451 (101, 2)	20.58150 (96, 5)	39.26677 (52, 5)	65.38960 (52, 5)	75.07756 (52, 5)
70.0 /	1.11645 (52, 5)	4.85097 (52, 5)	11.76212 (263, 6)	25.18263 (263, 6)	37.26224 (263, 6)
60.0 /	.22603 (99, 4)	9.92358 (99, 4)	24.82347 (99, 6)	45.62617 (99, 6)	60.33800 (263, 6)
50.0 /	1.45610 (14, 4)	22.57049 (99, 5)	92.72990 (99, 4)	164.07210 (99, 4)	212.26800 (99, 4)
40.0 /	1.65825 (14, 3)	11.02688 (99, 4)	46.13348 (99, 4)	88.30724 (99, 4)	120.52910 (99, 4)
30.0 /	7.39118 (14, 3)	34.69282 (14, 3)	63.73335 (14, 3)	108.62810 (14, 3)	126.19800 (14, 3)
20.0 /	2.80024 (169, 2)	12.76542 (169, 2)	22.92499 (169, 2)	37.58385 (169, 2)	42.24414 (205, 5)
10.0 /	.03745 (14, 3)	.73723 (181, 5)	4.57307 (181, 5)	12.80476 (181, 5)	22.72147 (181, 5)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 251.59550 AND OCCURRED AT (400.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	31.94398 (181, 5)	39.47012 (181, 5)	48.00879 (181, 5)	78.65856 (239, 5)
350.0 /	36.47777 (210, 5)	45.65216 (210, 5)	56.98715 (210, 5)	82.46579 (239, 5)
340.0 /	37.83181 (183, 5)	50.94049 (183, 5)	64.64139 (172, 5)	74.33049 (172, 5)
330.0 /	58.29829 (154, 5)	59.31367 (199, 4)	73.59469 (199, 4)	92.48543 (234, 5)
320.0 /	86.08062 (155, 1)	88.53466 (155, 1)	104.60000 (200, 5)	117.39300 (200, 5)
310.0 /	78.23212 (219, 5)	94.43774 (219, 5)	106.19140 (219, 5)	114.09140 (219, 5)
300.0 /	113.59550 (220, 4)	128.04210 (220, 4)	136.60810 (220, 4)	140.80480 (220, 4)
290.0 /	161.94240 (132, 4)	173.16610 (219, 4)	175.03600 (219, 4)	172.47510 (219, 4)
280.0 /	167.30270 (30, 5)	171.00430 (87, 5)	172.39780 (30, 5)	170.40180 (30, 5)
270.0 /	86.70686 (138, 5)	98.27489 (138, 5)	105.13000 (138, 5)	108.48680 (138, 5)
260.0 /	107.67260 (121, 5)	116.28220 (121, 5)	122.34330 (131, 5)	125.10920 (131, 5)
250.0 /	203.93890 (121, 5)	222.04710 (121, 5)	229.90010 (121, 5)	230.85830 (121, 5)
240.0 /	247.89110 (125, 5)	251.59550 (125, 5)	246.42800 (125, 5)	244.12630 (125, 4)
230.0 /	80.95967 (126, 4)	83.21514 (126, 4)	85.05334 (257, 5)	87.15914 (88, 5)
220.0 /	43.37500 (258, 4)	50.87966 (88, 5)	51.22413 (88, 5)	50.75161 (88, 5)
210.0 /	21.10795 (258, 4)	26.32029 (257, 4)	31.69390 (257, 4)	35.85181 (257, 4)
200.0 /	12.93799 (258, 4)	18.17442 (258, 4)	22.96619 (258, 4)	27.07028 (258, 4)
190.0 /	9.89591 (67, 5)	14.14479 (67, 5)	26.09611 (118, 4)	45.03471 (118, 4)
180.0 /	14.17848 (48, 5)	18.60806 (48, 5)	31.40754 (118, 4)	52.89330 (118, 4)
170.0 /	89.27225 (11, 5)	92.77252 (11, 5)	94.01833 (11, 5)	93.76157 (11, 5)
160.0 /	55.96793 (53, 5)	57.02764 (53, 5)	56.73326 (53, 5)	57.00273 (53, 6)
150.0 /	28.42750 (214, 4)	35.07703 (214, 4)	42.81310 (214, 4)	49.56103 (214, 4)
140.0 /	33.47924 (214, 5)	43.39311 (214, 5)	53.66938 (214, 4)	62.03975 (214, 4)
130.0 /	36.19361 (182, 5)	47.50540 (214, 5)	72.18837 (214, 5)	76.65649 (14, 7)
120.0 /	102.93650 (66, 6)	103.72110 (66, 6)	102.37770 (66, 6)	99.79446 (66, 6)
110.0 /	44.78296 (14, 5)	44.73375 (14, 5)	43.75928 (14, 5)	50.02871 (164, 4)
100.0 /	75.89020 (96, 5)	78.15578 (96, 5)	77.84863 (96, 5)	76.04757 (96, 5)
90.0 /	129.90620 (52, 6)	133.28320 (52, 6)	133.78490 (52, 6)	132.45890 (52, 6)
80.0 /	80.36339 (52, 5)	82.62686 (52, 5)	82.91640 (52, 5)	84.35304 (96, 4)
70.0 /	46.00340 (263, 6)	51.45107 (263, 6)	54.30073 (263, 6)	55.29018 (263, 6)
60.0 /	75.11282 (263, 6)	84.69719 (263, 6)	85.97673 (99, 4)	81.80678 (99, 4)
50.0 /	237.51710 (99, 4)	246.56200 (99, 4)	245.52390 (99, 4)	238.66270 (99, 4)
40.0 /	140.89080 (99, 4)	151.74200 (99, 4)	155.98140 (99, 4)	155.92030 (99, 4)
30.0 /	136.31620 (14, 3)	141.18330 (14, 3)	142.53300 (14, 3)	141.58920 (14, 3)
20.0 /	42.33543 (14, 3)	45.50788 (14, 3)	45.31936 (169, 2)	45.08453 (209, 5)
10.0 /	31.91122 (181, 5)	39.27569 (181, 5)	47.42877 (181, 5)	55.38850 (209, 5)

*** DER Key West 360 deg Downwash Scenario for 1982 b70

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	363.32100	4	14	300.0	40.0	26	257.76020	5	205	350.0	360.0
2	362.20100	4	14	350.0	40.0	27	254.29440	4	14	200.0	40.0
3	352.72450	2	230	250.0	320.0	28	253.83620	5	125	400.0	250.0
4	351.61450	4	14	400.0	40.0	29	251.59550	5	125	400.0	240.0
5	348.58810	2	230	200.0	320.0	30	251.04670	5	125	450.0	250.0
6	347.75540	4	14	250.0	40.0	31	248.27600	4	126	300.0	240.0
7	336.18820	4	14	450.0	40.0	32	247.89110	5	125	350.0	240.0
8	318.68540	4	14	500.0	40.0	33	247.07610	5	125	350.0	250.0
9	300.18060	4	126	450.0	240.0	34	246.56200	4	99	400.0	50.0
10	299.77920	2	230	300.0	320.0	35	246.42800	5	125	450.0	240.0
11	299.26590	5	205	250.0	360.0	36	245.98310	2	230	150.0	320.0
12	297.87430	4	126	400.0	240.0	37	245.52390	4	99	450.0	50.0
13	294.75310	4	126	500.0	240.0	38	244.12630	4	125	500.0	240.0
14	289.44020	5	99	450.0	50.0	39	242.93130	5	125	500.0	250.0
15	285.75960	5	99	500.0	50.0	40	241.91480	4	125	450.0	240.0
16	285.35640	5	99	400.0	50.0	41	238.66270	4	99	500.0	50.0
17	284.63350	5	205	300.0	360.0	42	237.51710	4	99	350.0	50.0
18	282.83570	4	126	350.0	240.0	43	236.60350	5	125	500.0	240.0
19	276.31950	5	205	200.0	360.0	44	233.70730	5	99	300.0	50.0
20	269.35810	5	96	400.0	90.0	45	232.54620	4	125	400.0	240.0
21	268.82720	5	99	350.0	50.0	46	231.97630	5	96	300.0	90.0
22	268.06180	5	96	450.0	90.0	47	230.85830	5	121	500.0	250.0
23	260.39610	5	96	500.0	90.0	48	229.90010	5	121	450.0	250.0
24	259.58260	5	96	350.0	90.0	49	229.21670	5	205	400.0	360.0
25	259.16650	2	230	350.0	320.0	50	228.66810	5	125	300.0	240.0

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 73.93797 AND OCCURRED AT (450.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	3.23090C(205, 1)	24.31067C(205, 1)	36.04167C(205, 1)	39.03468C(205, 1)	37.12611C(205, 1)
350.0 /	1.66122C(205, 1)	13.56336C(205, 1)	20.10102C(205, 1)	21.51826C(205, 1)	20.21317C(205, 1)
340.0 /	.24088C(205, 1)	2.49972C(205, 1)	3.70506C(205, 1)	3.83622C(205, 1)	4.77573 (95, 1)
330.0 /	.61416C(154, 1)	2.48762C(154, 1)	4.35030C(154, 1)	6.71833C(154, 1)	7.36940C(154, 1)
320.0 /	14.65213 (230, 1)	30.74788 (230, 1)	43.57353 (230, 1)	44.09079 (230, 1)	37.47388 (230, 1)
310.0 /	.24201 (173, 1)	1.05264 (134, 1)	4.95299 (134, 1)	10.06787 (134, 1)	14.36293 (134, 1)
300.0 /	.43072 (30, 1)	2.43756 (218, 1)	8.30867 (220, 1)	16.27915 (220, 1)	22.78332 (220, 1)
290.0 /	1.82537 (46, 1)	7.69873 (46, 1)	13.80125 (46, 1)	23.50928 (46, 1)	27.84324 (46, 1)
280.0 /	2.55215 (30, 1)	11.30478 (30, 1)	20.58699 (30, 1)	34.27964 (30, 1)	39.42692 (30, 1)
270.0 /	.53926 (87, 1)	2.27964 (87, 1)	5.72092 (132, 1)	11.50193 (138, 1)	17.19206 (138, 1)
260.0 /	1.54578 (87, 1)	6.89488 (87, 1)	12.47002 (87, 1)	20.84523 (87, 1)	23.95795 (87, 1)
250.0 /	4.24202 (88, 1)	16.52309 (88, 1)	29.13084 (88, 1)	45.96987 (88, 1)	51.46473 (88, 1)
240.0 /	2.15005 (88, 1)	8.29798 (88, 1)	22.51580 (125, 1)	40.85012 (125, 1)	53.34794 (125, 1)
230.0 /	1.44926 (88, 1)	5.96460 (88, 1)	10.62022 (88, 1)	16.98356 (88, 1)	19.04709 (88, 1)
220.0 /	.35890 (88, 1)	1.63005 (88, 1)	2.92374 (88, 1)	4.99937 (88, 1)	5.89312 (258, 1)
210.0 /	.15543 (88, 1)	.73271 (88, 1)	1.32209 (88, 1)	2.29602 (88, 1)	2.66860 (88, 1)
200.0 /	.00178 (347, 1)	.11351 (257, 1)	.75141 (257, 1)	2.24522 (257, 1)	4.20442 (257, 1)
190.0 /	.00424C(247, 1)	.13795C(247, 1)	.52412C(247, 1)	1.49468 (257, 1)	2.80473 (257, 1)
180.0 /	.05172C(247, 1)	1.94889C(247, 1)	7.41747C(247, 1)	12.70944C(247, 1)	15.99661C(247, 1)
170.0 /	.78332 (11, 1)	3.30779 (11, 1)	9.33961C(247, 1)	16.05794C(247, 1)	20.29777C(247, 1)
160.0 /	.88302 (11, 1)	3.66111 (11, 1)	6.59283 (11, 1)	10.57775 (11, 1)	11.76155 (53, 1)
150.0 /	.73112 (53, 1)	3.40496 (53, 1)	6.23269 (53, 1)	10.97179 (53, 1)	13.09849 (53, 1)
140.0 /	.05468 (351, 1)	.34116 (351, 1)	1.41460C(214, 1)	3.94281C(214, 1)	6.98079C(214, 1)
130.0 /	.78040 (14, 1)	2.97623 (14, 1)	5.17014 (14, 1)	8.45029 (14, 1)	9.65217 (14, 1)
120.0 /	2.37522 (14, 1)	9.54273 (14, 1)	16.94450 (14, 1)	28.00312 (14, 1)	32.13449 (14, 1)
110.0 /	1.03799 (14, 1)	4.05017 (14, 1)	6.97557 (14, 1)	11.06587 (14, 1)	12.24658 (14, 1)
100.0 /	.78347 (52, 1)	3.76947 (52, 1)	7.04934 (52, 1)	12.71725 (52, 1)	15.60541 (52, 1)
90.0 /	1.18595 (52, 1)	5.11255 (52, 1)	13.43068 (96, 1)	24.77444 (96, 1)	33.39545 (96, 1)
80.0 /	.81473 (52, 1)	3.59238 (52, 1)	11.11275 (96, 1)	20.64318 (96, 1)	27.97510 (96, 1)
70.0 /	.46797 (101, 1)	2.00910 (101, 1)	3.59799 (101, 1)	5.88457 (101, 1)	6.65885 (101, 1)
60.0 /	.31950 (99, 1)	3.52263 (99, 1)	10.60478 (99, 1)	18.86084 (99, 1)	23.70624 (99, 1)
50.0 /	.34960 (99, 1)	7.30249 (99, 1)	26.23771 (99, 1)	47.43671 (99, 1)	61.83167 (99, 1)
40.0 /	6.50571 (14, 1)	20.28889 (14, 1)	33.51791 (14, 1)	46.40992 (14, 1)	48.78589 (14, 1)
30.0 /	3.53035 (14, 1)	12.93500 (14, 1)	22.23116 (14, 1)	34.25452 (14, 1)	37.89603 (14, 1)
20.0 /	.39934C(205, 1)	3.89052C(205, 1)	5.76539C(205, 1)	6.02145C(205, 1)	5.51034C(205, 1)
10.0 /	2.08059C(205, 1)	16.52332C(205, 1)	24.49013C(205, 1)	26.32008C(205, 1)	24.82784C(205, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 73.93797 AND OCCURRED AT (450.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	33.62089C(205, 1)	29.89783C(205, 1)	26.60188C(205, 1)	23.60537C(205, 1)
350.0 /	18.06279C(205, 1)	15.84944C(205, 1)	13.90681C(205, 1)	14.21964C(239, 1)
340.0 /	7.47993 (95, 1)	10.03227 (95, 1)	12.47481 (95, 1)	14.49335 (95, 1)
330.0 /	10.56754 (204, 1)	13.38031 (204, 1)	16.55699 (204, 1)	19.34576 (204, 1)
320.0 /	32.40014 (230, 1)	28.34811 (230, 1)	25.02414 (230, 1)	22.24682 (230, 1)
310.0 /	17.33554 (134, 1)	19.10418 (134, 1)	19.97045 (134, 1)	24.11913C(235, 1)
300.0 /	27.20380 (220, 1)	29.81262 (220, 1)	31.08613 (220, 1)	31.44247 (220, 1)
290.0 /	30.82071 (46, 1)	32.74432 (46, 1)	33.89611 (46, 1)	34.49205 (46, 1)
280.0 /	42.42046 (30, 1)	43.92196 (30, 1)	44.44157 (30, 1)	44.32655 (30, 1)
270.0 /	21.48807 (138, 1)	24.34971 (138, 1)	26.04355 (138, 1)	26.87336 (138, 1)
260.0 /	25.71747 (87, 1)	26.54385 (87, 1)	26.75728 (87, 1)	26.68037 (131, 1)
250.0 /	54.13832 (88, 1)	54.94927 (88, 1)	54.58940 (88, 1)	53.51849 (88, 1)
240.0 /	60.66119 (125, 1)	64.12675 (125, 1)	65.06775 (125, 1)	64.44659 (125, 1)
230.0 /	20.03640 (88, 1)	20.32258 (88, 1)	20.17046 (88, 1)	19.75459 (88, 1)
220.0 /	8.90119 (258, 1)	11.64954 (258, 1)	13.95317 (258, 1)	15.77435 (258, 1)
210.0 /	3.88809 (258, 1)	5.08583 (258, 1)	6.07452 (258, 1)	6.83982 (258, 1)
200.0 /	6.20216 (257, 1)	7.97570 (257, 1)	9.82699 (257, 1)	11.27363 (257, 1)
190.0 /	4.14960 (257, 1)	5.35676 (257, 1)	6.62377 (257, 1)	7.64460 (257, 1)
180.0 /	17.48762C(247, 1)	17.79897C(247, 1)	17.42747C(247, 1)	16.69502C(247, 1)
170.0 /	22.28776C(247, 1)	22.78255C(247, 1)	22.39952C(247, 1)	21.54346C(247, 1)
160.0 /	13.17348 (53, 1)	14.08373 (53, 1)	14.62294 (53, 1)	14.89389 (53, 1)
150.0 /	14.54471 (53, 1)	15.47169 (53, 1)	16.02079 (53, 1)	16.29872 (53, 1)
140.0 /	9.87915C(214, 1)	12.59431C(214, 1)	16.50033C(214, 1)	20.93625C(214, 1)
130.0 /	10.40074 (14, 1)	10.82203 (14, 1)	14.00164C(214, 1)	19.59256C(214, 1)
120.0 /	34.53372 (14, 1)	35.72158 (14, 1)	36.09629 (14, 1)	35.93573 (14, 1)
110.0 /	12.73367 (14, 1)	12.77903 (14, 1)	12.55841 (14, 1)	12.18492 (14, 1)
100.0 /	17.86453 (52, 1)	19.55489 (52, 1)	20.77571 (52, 1)	21.61662 (52, 1)
90.0 /	38.85892 (96, 1)	41.83405 (96, 1)	43.07569 (96, 1)	43.17393 (96, 1)
80.0 /	32.66422 (96, 1)	35.23950 (96, 1)	36.32482 (96, 1)	36.41865 (96, 1)
70.0 /	7.04670 (101, 1)	7.71799C(263, 1)	8.14531C(263, 1)	8.29366C(263, 1)
60.0 /	26.24446 (99, 1)	27.16484 (99, 1)	27.08149 (99, 1)	26.41598 (99, 1)
50.0 /	69.95488 (99, 1)	73.45002 (99, 1)	73.93797 (99, 1)	72.60033 (99, 1)
40.0 /	48.86810 (14, 1)	47.62573 (14, 1)	45.68751 (14, 1)	43.43323 (14, 1)
30.0 /	39.51051 (14, 1)	39.81325 (14, 1)	39.31189 (14, 1)	38.33842 (14, 1)
20.0 /	6.06269 (14, 1)	7.13404C(100, 1)	9.08631C(100, 1)	10.75667C(100, 1)
10.0 /	22.28961C(205, 1)	19.66685C(205, 1)	17.41469C(205, 1)	15.50104C(205, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 45.91024 AND OCCURRED AT (450.0, 250.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00082 (116, 1)	.09216 (181, 1)	.57351 (181, 1)	1.60951 (181, 1)	2.85912 (181, 1)
350.0 /	.00158 (169, 1)	.10574 (210, 1)	.65152 (210, 1)	1.82120 (210, 1)	3.23342 (210, 1)
340.0 /	.02786 (168, 1)	.22987 (168, 1)	.76498C(172, 1)	2.33721C(172, 1)	4.48140C(172, 1)
330.0 /	.06467 (358, 1)	.37034 (358, 1)	1.41461 (204, 1)	4.06166 (204, 1)	7.36096 (204, 1)
320.0 /	1.28333 (173, 1)	4.95467 (173, 1)	8.86614 (173, 1)	11.45682 (173, 1)	11.27428 (173, 1)
310.0 /	.10973 (155, 1)	.87237 (173, 1)	1.96257 (219, 1)	4.89035 (211, 1)	8.35675 (211, 1)
300.0 /	.36403 (33, 1)	2.04220 (30, 1)	7.00473 (218, 1)	12.29255 (218, 1)	15.63886 (218, 1)
290.0 /	1.08548 (87, 1)	4.42401 (218, 1)	10.04879 (218, 1)	16.82670 (218, 1)	22.81145 (132, 1)
280.0 /	1.77681 (87, 1)	6.92559 (87, 1)	12.17604 (87, 1)	19.17945 (87, 1)	21.52362 (87, 1)
270.0 /	.35850 (244, 1)	1.93516 (244, 1)	5.29975 (138, 1)	10.79627 (132, 1)	14.38517 (132, 1)
260.0 /	.18156 (102, 1)	1.28095 (125, 1)	5.37566 (131, 1)	11.42079 (131, 1)	16.93126 (131, 1)
250.0 /	.40497 (87, 1)	4.79219 (125, 1)	16.61520 (125, 1)	29.96669 (125, 1)	38.76135 (125, 1)
240.0 /	1.07443 (68, 1)	6.34340 (125, 1)	14.25949 (88, 1)	24.44688 (126, 1)	32.33506 (126, 1)
230.0 /	.28766 (257, 1)	1.80487 (257, 1)	5.47810 (125, 1)	9.94139 (125, 1)	12.80873 (125, 1)
220.0 /	.09738 (257, 1)	.54733 (257, 1)	1.04851 (257, 1)	3.04738 (258, 1)	5.77775 (88, 1)
210.0 /	.01126 (347, 1)	.10171 (347, 1)	.40262 (258, 1)	1.30613 (258, 1)	2.56412 (258, 1)
200.0 /	.00067 (88, 1)	.05351 (218, 1)	.13232 (258, 1)	.54098 (258, 1)	1.25391 (258, 1)
190.0 /	.00021 (347, 1)	.07624 (257, 1)	.50506 (257, 1)	.86365C(247, 1)	1.03517C(247, 1)
180.0 /	.01916 (11, 1)	.08415 (11, 1)	.18822C(48, 1)	.61469C(48, 1)	1.21412C(48, 1)
170.0 /	.06861 (347, 1)	2.45341C(247, 1)	5.97734 (11, 1)	10.61113 (11, 1)	12.60312 (11, 1)
160.0 /	.59478 (53, 1)	2.90305 (53, 1)	5.33963 (53, 1)	9.71021 (53, 1)	11.54019 (11, 1)
150.0 /	.01014 (11, 1)	.12888C(214, 1)	.80737C(214, 1)	2.24863C(214, 1)	3.97977C(214, 1)
140.0 /	.01895 (53, 1)	.22983C(214, 1)	.68388 (351, 1)	1.64177 (351, 1)	2.41892C(182, 1)
130.0 /	.24304 (66, 1)	.91181 (66, 1)	1.52426 (66, 1)	2.75495C(214, 1)	4.91644C(214, 1)
120.0 /	1.00183 (66, 1)	4.01162 (66, 1)	7.11747 (66, 1)	11.11267 (66, 1)	12.33167 (66, 1)
110.0 /	.14189 (96, 1)	.84863 (96, 1)	1.63729 (96, 1)	3.26726 (96, 1)	4.26222 (96, 1)
100.0 /	.57670 (14, 1)	2.40652 (14, 1)	4.40542 (96, 1)	8.33044 (96, 1)	10.90113 (96, 1)
90.0 /	.03117 (96, 1)	3.28705 (96, 1)	9.20215 (52, 1)	15.32082 (52, 1)	17.87900 (52, 1)
80.0 /	.29181 (101, 1)	2.68587 (96, 1)	6.44339 (52, 1)	10.49524 (52, 1)	11.89753 (52, 1)
70.0 /	.13991 (52, 1)	.60737 (52, 1)	1.76520C(263, 1)	3.77888C(263, 1)	5.59023C(263, 1)
60.0 /	.00589 (101, 1)	.53980C(263, 1)	2.81689C(263, 1)	6.06873C(263, 1)	9.05337C(263, 1)
50.0 /	.18267 (14, 1)	1.03220C(227, 1)	4.76528C(227, 1)	9.45433C(227, 1)	13.30619C(227, 1)
40.0 /	.15965 (99, 1)	3.32934 (99, 1)	12.16289 (99, 1)	22.56267 (99, 1)	29.84313 (99, 1)
30.0 /	.35003 (169, 1)	1.59568 (169, 1)	2.86562 (169, 1)	4.69799 (169, 1)	5.31645 (169, 1)
20.0 /	.35014 (169, 1)	1.59717 (169, 1)	2.86890 (169, 1)	4.71155 (169, 1)	5.40700 (14, 1)
10.0 /	.00474 (14, 1)	.09216 (181, 1)	.57189 (181, 1)	1.60214 (181, 1)	2.84543 (181, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 2,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 45.91024 AND OCCURRED AT (450.0, 250.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	4.03447 (181, 1)	5.01484 (181, 1)	6.61340C(239, 1)	12.05114C(239, 1)
350.0 /	4.78725 (95, 1)	6.51465 (95, 1)	8.26438 (95, 1)	12.17315C(205, 1)
340.0 /	6.72054C(172, 1)	8.74444C(172, 1)	10.96853C(172, 1)	12.80107C(172, 1)
330.0 /	7.60413C(154, 1)	9.50886 (188, 1)	12.14263C(172, 1)	14.67816C(172, 1)
320.0 /	12.84401 (252, 1)	16.32205 (252, 1)	19.13845 (252, 1)	21.28857 (252, 1)
310.0 /	11.61171 (211, 1)	14.39971 (200, 1)	18.83676C(235, 1)	20.39530 (200, 1)
300.0 /	17.65645 (219, 1)	19.51927 (132, 1)	21.18244C(109, 1)	23.35338C(109, 1)
290.0 /	28.20881 (132, 1)	31.68005 (132, 1)	33.61595 (132, 1)	34.43570 (132, 1)
280.0 /	23.48125 (92, 1)	26.86748 (92, 1)	29.04256 (92, 1)	30.29127 (92, 1)
270.0 /	16.60364 (132, 1)	17.75057 (132, 1)	18.16753 (132, 1)	18.79691 (137, 1)
260.0 /	21.13756 (131, 1)	23.99620 (131, 1)	25.75149 (131, 1)	26.57688 (87, 1)
250.0 /	43.64472 (125, 1)	45.68900 (125, 1)	45.91024 (125, 1)	45.03547 (125, 1)
240.0 /	36.79655 (126, 1)	38.71020 (126, 1)	38.96845 (126, 1)	38.22612 (126, 1)
230.0 /	14.34941 (125, 1)	15.18089 (257, 1)	16.79435 (257, 1)	18.00967 (257, 1)
220.0 /	6.21236 (88, 1)	6.40808 (88, 1)	6.44578 (88, 1)	6.38179 (88, 1)
210.0 /	3.16768 (257, 1)	4.07108 (257, 1)	4.96509 (257, 1)	5.69683 (257, 1)
200.0 /	2.15409 (258, 1)	3.10611 (258, 1)	4.01233 (258, 1)	4.81858 (258, 1)
190.0 /	1.36913 (67, 1)	1.97513 (67, 1)	3.26439 (118, 1)	5.63628 (118, 1)
180.0 /	1.84937C(48, 1)	2.42714C(48, 1)	3.93315 (118, 1)	6.62799 (118, 1)
170.0 /	13.91934 (11, 1)	14.72439 (11, 1)	15.16126 (11, 1)	15.33834 (11, 1)
160.0 /	12.05872 (11, 1)	12.27137 (11, 1)	12.28338 (11, 1)	12.16652 (11, 1)
150.0 /	5.58503C(214, 1)	6.96252C(214, 1)	8.70512C(214, 1)	10.58617C(214, 1)
140.0 /	3.38860C(182, 1)	4.16104C(182, 1)	5.00908C(182, 1)	5.66650C(182, 1)
130.0 /	7.12416C(214, 1)	9.64732C(214, 1)	11.02142 (14, 1)	11.07087 (14, 1)
120.0 /	12.86775 (66, 1)	12.96665 (66, 1)	12.79996 (66, 1)	12.47863 (66, 1)
110.0 /	5.11445 (96, 1)	5.81033 (96, 1)	6.36379 (96, 1)	7.16657C(164, 1)
100.0 /	12.79898 (96, 1)	14.12962 (96, 1)	15.01972 (96, 1)	15.57599 (96, 1)
90.0 /	19.59158 (52, 1)	20.67719 (52, 1)	21.31627 (52, 1)	21.63735 (52, 1)
80.0 /	12.64081 (52, 1)	12.95107 (52, 1)	12.98944 (52, 1)	12.86114 (52, 1)
70.0 /	6.90105C(263, 1)	7.17748 (101, 1)	7.14540 (101, 1)	7.53092C(225, 1)
60.0 /	11.26873C(263, 1)	12.70582C(263, 1)	13.51533C(263, 1)	13.86563C(263, 1)
50.0 /	15.87084C(227, 1)	17.31954C(227, 1)	17.95388C(227, 1)	18.03906C(227, 1)
40.0 /	34.13287 (99, 1)	36.14621 (99, 1)	36.64428 (99, 1)	36.20042 (99, 1)
30.0 /	5.61720 (169, 1)	5.70756 (169, 1)	5.66595 (169, 1)	6.33410C(100, 1)
20.0 /	5.66389 (169, 1)	6.49085 (14, 1)	6.75231 (14, 1)	7.06135 (157, 1)
10.0 /	4.00386 (181, 1)	4.94156 (181, 1)	5.98510 (181, 1)	6.93634 (209, 1)

*** DER Key West 360 deg Downwash Scenario for 1982 b70 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	73.93797	1	99	450.0	50.0	26	44.44157	1	30	450.0	280.0
2	73.45002	1	99	400.0	50.0	27	44.32655	1	30	500.0	280.0
3	72.60033	1	99	500.0	50.0	28	44.09079	1	230	250.0	320.0
4	69.95488	1	99	350.0	50.0	29	43.92196	1	30	400.0	280.0
5	65.06775	1	125	450.0	240.0	30	43.64472	1	125	350.0	250.0
6	64.44659	1	125	500.0	240.0	31	43.57353	1	230	200.0	320.0
7	64.12675	1	125	400.0	240.0	32	43.43323	1	14	500.0	40.0
8	61.83167	1	99	300.0	50.0	33	43.17393	1	96	500.0	90.0
9	60.66119	1	125	350.0	240.0	34	43.07569	1	96	450.0	90.0
10	54.94927	1	88	400.0	250.0	35	42.42046	1	30	350.0	280.0
11	54.58940	1	88	450.0	250.0	36	41.83405	1	96	400.0	90.0
12	54.13832	1	88	350.0	250.0	37	40.85012	1	125	250.0	240.0
13	53.51849	1	88	500.0	250.0	38	39.81325	1	14	400.0	30.0
14	53.34794	1	125	300.0	240.0	39	39.51051	1	14	350.0	30.0
15	51.46473	1	88	300.0	250.0	40	39.42692	1	30	300.0	280.0
16	48.86810	1	14	350.0	40.0	41	39.31189	1	14	450.0	30.0
17	48.78589	1	14	300.0	40.0	42	39.03468C	1	205	250.0	360.0
18	47.62573	1	14	400.0	40.0	43	38.96845	1	126	450.0	240.0
19	47.43671	1	99	250.0	50.0	44	38.85892	1	96	350.0	90.0
20	46.40992	1	14	250.0	40.0	45	38.76135	1	125	300.0	250.0
21	45.96987	1	88	250.0	250.0	46	38.71020	1	126	400.0	240.0
22	45.91024	1	125	450.0	250.0	47	38.33842	1	14	500.0	30.0
23	45.68900	1	125	400.0	250.0	48	38.22612	1	126	500.0	240.0
24	45.68751	1	14	450.0	40.0	49	37.89603	1	14	300.0	30.0
25	45.03547	1	125	500.0	250.0	50	37.58713	1	121	500.0	250.0

RUN ENDED ON 09-13-88 AT 05:10:26

Shoa Hang Chu

RECEIVED

9/15/88

SEP 16 1988

Mr Chu

DER-BAQM

Attached please find the 1983 and 1984 ISC run output and input data sets. These runs also reflect the use of the direction specific projected widths and a building height of 21.34 meters and a stack of 31.7 meters. Again the 21.34 meter building height was used as a worst case building height.

Please call regarding questions concerning the modeling runs and to confirm receipt of this package (303)-295-6900

Sincerely

Kenneth J Kawasch

ISCST (DATED 88207)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JUNE 88.
SOURCE: UNAMAP FILE ON EPA'S UNIVAC AT RTP, NC.

IBM-PC VERSION (1.62)
(C) COPYRIGHT 1988, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5503 SOLD TO R. W. BECK & ASSOC.
RUN BEGAN ON 09-13-88 AT 17:29:48

Key West
83
Direction Specific
Scenario
360° @ 10° inc

RECEIVED

SEP 16 1988

DER-BAQM

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 2
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 1
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=S02,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (YES=1,NO=2)	ISW(30) = 2
ABOVE GROUND (FLAGPOLE) RECEPTORS USED (YES=1,NO=0)	ISW(31) = 0
NUMBER OF INPUT SOURCES	NSOURC = 2
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 2
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 9
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXWYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK = .10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 7.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12839
YEAR OF SURFACE DATA	ISY = 83
UPPER AIR STATION NO.	IUS = 12844
YEAR OF UPPER AIR DATA	IUY = 83
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 12193 WORDS

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

100.0, 150.0, 200.0, 250.0, 300.0, 350.0, 400.0, 450.0, 500.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0, 20.0, 30.0, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0,
110.0, 120.0, 130.0, 140.0, 150.0, 160.0, 170.0, 180.0, 190.0, 200.0,
210.0, 220.0, 230.0, 240.0, 250.0, 260.0, 270.0, 280.0, 290.0, 300.0,
310.0, 320.0, 330.0, 340.0, 350.0, 360.0,

*** SOURCE DATA ***

EMISSION RATE				TEMP.		EXIT VEL.						
TYPE=0,1				TYPE=0		TYPE=0						
T W	(GRAMS/SEC)			(DEG.K);	(M/SEC);	BLDG.	BLDG.	BLDG.				
Y A NUMBER	TYPE=2	BASE		VERT.DIM	HORZ.DIM	DIAMETER	HEIGHT	LENGTH	WIDTH			
SOURCE P K PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TYPE=1	TYPE=1,2	TYPE=0	TYPE=0	TYPE=0		
NUMBER E E CATS.	*PER METER**2	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
1	0 0 0	.12600E+02	.0	.0	.0	30.48	589.00	30.00	1.20	-21.34	29.71	29.71
2	0 0 0	.15059E+03	.0	.0	.0	31.70	460.00	44.81	1.52	-21.34	29.71	29.71

* CALM HOURS (=1) FOR DAY 284 * 0 0 0 0 1 0 1 1 0
 * CALM HOURS (=1) FOR DAY 285 * 0 1 0 1 0
 * CALM HOURS (=1) FOR DAY 286 * 0 0 0 0 0 0 1 0 1
 * CALM HOURS (=1) FOR DAY 289 * 0 0 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 290 * 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 297 * 1 1 1 1 1 0
 * CALM HOURS (=1) FOR DAY 298 * 0 0 1 0
 * CALM HOURS (=1) FOR DAY 308 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0
 * CALM HOURS (=1) FOR DAY 309 * 0 1 0 1 0
 * CALM HOURS (=1) FOR DAY 310 * 0 1 1 1 1
 * CALM HOURS (=1) FOR DAY 311 * 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 312 * 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1 0
 * CALM HOURS (=1) FOR DAY 313 * 0 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 314 * 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
 * CALM HOURS (=1) FOR DAY 316 * 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 317 * 0 1 0 0 0
 * CALM HOURS (=1) FOR DAY 319 * 0 1 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 324 * 0 1
 * CALM HOURS (=1) FOR DAY 325 * 1 0 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 326 * 0 0 0 1 0 1 0
 * CALM HOURS (=1) FOR DAY 330 * 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 333 * 0 1 1 1 0
 * CALM HOURS (=1) FOR DAY 334 * 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 335 * 0 0 0 0 1 0 1 0
 * CALM HOURS (=1) FOR DAY 336 * 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 338 * 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
 * CALM HOURS (=1) FOR DAY 339 * 1 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 345 * 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 347 * 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 348 * 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 352 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0
 * CALM HOURS (=1) FOR DAY 353 * 0 1
 * CALM HOURS (=1) FOR DAY 354 * 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 355 * 0 0 0 0 0 1 0
 * CALM HOURS (=1) FOR DAY 356 * 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 357 * 0 0 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 * CALM HOURS (=1) FOR DAY 358 * 1 0
 * CALM HOURS (=1) FOR DAY 361 * 0 1 0 0 0 0
 * CALM HOURS (=1) FOR DAY 363 * 0 1
 * CALM HOURS (=1) FOR DAY 364 * 1 0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 195.26860 AND OCCURRED AT (200.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	11.35952 (75, 6)	17.40862 (75, 6)	22.49952 (237,11)	36.71188 (237,11)	45.34895 (237,11)
350.0 /	18.39238 (37,18)	29.09011 (37,18)	35.05395 (340,11)	39.60242 (340,11)	38.92307 (99,13)
340.0 /	43.25881 (32,22)	70.30740 (32,22)	85.35534 (32,22)	91.14481 (32,22)	81.39075 (32,22)
330.0 /	34.59737 (43,24)	54.02770 (43,24)	63.98883 (43,24)	66.28152 (43,24)	73.23933 (98,12)
320.0 /	47.32036 (64,15)	77.42138 (64,15)	94.45087 (64,15)	101.22130 (64,15)	90.70195 (64,15)
310.0 /	59.62759 (32,14)	96.62006 (32,14)	117.61670 (32,14)	124.34370 (32,14)	112.35670 (32,14)
300.0 /	46.25033 (64,11)	75.56956 (64,11)	92.18552 (331,14)	98.90474 (331,14)	88.68905 (331,14)
290.0 /	76.03530 (20,15)	111.21380 (20,15)	132.89270 (20,18)	139.01880 (20,18)	126.36870 (20,18)
280.0 /	77.19070 (20, 9)	120.33910 (20, 9)	144.23690 (20, 9)	149.88170 (20, 9)	137.02290 (20, 9)
270.0 /	73.71896 (20,11)	112.26540 (20,11)	132.92200 (20,11)	136.87790 (20,11)	125.21720 (20,11)
260.0 /	69.55637 (57,22)	110.20850 (57,22)	132.88880 (57,22)	138.87170 (57,22)	126.13530 (57,22)
250.0 /	64.85576 (75,21)	102.43080 (75,21)	123.19910 (75,21)	128.50470 (75,21)	116.49570 (75,21)
240.0 /	54.68012 (268, 2)	89.27880 (268, 2)	108.97000 (268, 2)	115.96340 (268, 2)	104.41610 (268, 2)
230.0 /	60.46807 (267,21)	96.80700 (267,21)	117.17300 (267,21)	123.00520 (267,21)	111.32980 (267,21)
220.0 /	35.38907 (268, 5)	57.55780 (268, 5)	69.93604 (268,16)	75.69107 (268,16)	67.47061 (268,16)
210.0 /	22.51771 (344, 4)	35.19232 (344, 4)	41.76604 (344, 4)	49.02547 (269,12)	58.78872 (269,12)
200.0 /	24.34848 (365,16)	38.43880 (269,11)	46.40800 (269,11)	50.89144 (269,11)	45.11929 (269,11)
190.0 /	105.32630 (66,22)	163.26810 (66,22)	195.26860 (66,22)	190.60880 (66,22)	164.50290 (66,22)
180.0 /	46.29187 (320,14)	75.58850 (320,14)	92.08418 (320,14)	98.58067 (320,14)	88.24885 (320,14)
170.0 /	61.75763 (365, 5)	97.56621 (365, 5)	117.09110 (365, 5)	122.11320 (365, 5)	109.96620 (365, 5)
160.0 /	47.97412 (33,16)	77.73297 (33,16)	94.26328 (33,16)	100.54980 (33,16)	89.77541 (33,16)
150.0 /	60.70468 (358,23)	97.21593 (358,23)	117.46200 (358,23)	123.46580 (358,23)	111.06940 (358,23)
140.0 /	104.31120 (11,24)	158.90840 (11,24)	188.29090 (11,24)	183.36170 (11,24)	159.04970 (11,24)
130.0 /	54.39576 (71,10)	87.63425 (71,10)	106.04930 (71,10)	112.11310 (71,10)	100.42020 (71,10)
120.0 /	46.88940 (69,24)	75.87398 (69,24)	91.91544 (69,24)	97.97242 (69,24)	87.40918 (69,24)
110.0 /	60.59735 (48,16)	96.88067 (48,16)	117.15870 (48,16)	122.90650 (48,16)	111.18210 (48,16)
100.0 /	73.25719 (83,16)	111.94680 (83,16)	132.84270 (83,16)	137.03360 (83,16)	125.52410 (83,16)
90.0 /	59.81022 (77,14)	96.71786 (77,14)	117.58260 (77,14)	124.18280 (77,14)	112.12440 (77,14)
80.0 /	57.54108 (44,19)	86.91538 (124,15)	106.40070 (124,15)	113.49240 (124,15)	102.35900 (124,15)
70.0 /	60.59732 (59,17)	96.88058 (59,17)	117.15870 (59,17)	122.90640 (59,17)	111.18200 (59,17)
60.0 /	72.31282 (76,15)	114.10170 (76,15)	137.52740 (76,15)	143.56720 (76,15)	131.03810 (76,15)
50.0 /	76.64765 (59,13)	119.98220 (59,13)	144.19210 (59,13)	150.14370 (59,13)	137.47820 (59,13)
40.0 /	46.79700 (83,11)	66.63465 (83,11)	75.74375 (83,11)	83.78744 (83,13)	89.02953 (83,13)
30.0 /	59.62755 (160,11)	96.61999 (160,11)	117.61670 (160,11)	124.34360 (160,11)	112.35660 (160,11)
20.0 /	30.86142 (83,10)	47.84579 (113,24)	58.21130 (113,24)	64.18386 (113,24)	57.23390 (113,24)
10.0 /	15.81696 (37,20)	24.29337 (37,20)	30.99275 (161,10)	48.71696 (161,10)	58.38460 (161,10)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 195.26860 AND OCCURRED AT (200.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	49.32935 (237,11)	50.30096 (237,11)	49.51858 (237,11)	47.78461 (237,11)
350.0 /	40.88314 (99,13)	41.12206 (92,13)	41.45091 (92,13)	40.80097 (92,13)
340.0 /	72.50524 (32,22)	64.76205 (32,22)	58.12720 (32,22)	52.46650 (32,22)
330.0 /	74.07938 (98,12)	71.30401 (98,12)	66.96670 (98,12)	62.13420 (98,12)
320.0 /	81.04150 (64,15)	72.57774 (64,15)	65.29647 (64,15)	59.06449 (64,15)
310.0 /	100.97540 (32,14)	90.73728 (32,14)	81.75149 (32,14)	73.94556 (32,14)
300.0 /	79.27579 (331,14)	71.01166 (331,14)	63.89241 (331,14)	58.01798 (182,14)
290.0 /	114.16800 (20,18)	103.00930 (20,18)	93.07169 (20,18)	84.33469 (20,18)
280.0 /	124.49040 (20, 9)	112.87410 (20, 9)	102.39490 (20, 9)	93.07595 (20, 9)
270.0 /	113.92770 (20,11)	103.44920 (20,11)	93.95679 (20,11)	85.47410 (20,11)
260.0 /	113.88840 (57,22)	102.70900 (57,22)	92.76649 (57,22)	84.03386 (57,22)
250.0 /	105.00330 (75,21)	94.54661 (75,21)	85.26923 (75,21)	77.13664 (75,21)
240.0 /	93.59784 (268, 2)	83.97607 (268, 2)	75.60625 (268, 2)	68.38456 (268, 2)
230.0 /	100.17800 (267,21)	90.36041 (268,13)	82.66718 (268,13)	75.09760 (268,13)
220.0 /	63.17104 (268,12)	58.84953 (268,12)	53.82523 (268,12)	48.84396 (268,12)
210.0 /	62.43429 (269,12)	62.43092 (269,12)	60.47390 (269,12)	57.57064 (269,12)
200.0 /	40.06515 (269,11)	35.78099 (269,11)	32.17847 (269,11)	31.50355 (269,10)
190.0 /	143.53430 (66,22)	126.31680 (66,22)	111.98360 (66,22)	92.72396 (66,22)
180.0 /	78.78386 (320,14)	70.50471 (320,14)	63.39064 (320,14)	57.30746 (320,14)
170.0 /	98.57355 (365, 5)	88.37439 (365, 5)	79.44207 (365, 5)	71.69219 (365, 5)
160.0 /	80.00009 (33,16)	71.50117 (33,16)	64.22867 (33,16)	58.02875 (33,16)
150.0 /	99.48663 (358,23)	89.17262 (358,23)	80.18394 (358,23)	72.41608 (358,23)
140.0 /	139.51360 (11,24)	123.41430 (11,24)	109.93980 (11,24)	92.39803 (11,24)
130.0 /	89.65551 (71,10)	80.18729 (71,10)	72.01492 (71,10)	65.00438 (71,10)
120.0 /	77.84027 (69,24)	69.52968 (69,24)	62.42396 (69,24)	56.37018 (69,24)
110.0 /	100.00530 (48,16)	89.89428 (48,16)	80.97407 (48,16)	73.19266 (48,16)
100.0 /	114.32510 (83,16)	103.89570 (83,16)	94.42499 (83,16)	85.94625 (83,16)
90.0 /	100.70800 (77,14)	90.45687 (77,14)	81.47091 (77,14)	73.67205 (77,14)
80.0 /	91.85608 (124,15)	82.47501 (124,15)	74.29115 (124,15)	67.21549 (124,15)
70.0 /	100.00520 (59,17)	89.89422 (59,17)	80.97398 (59,17)	73.19261 (59,17)
60.0 /	118.82400 (76,15)	107.53830 (76,15)	97.39812 (76,15)	88.41646 (76,15)
50.0 /	125.05660 (59,13)	113.49630 (59,13)	103.03780 (59,13)	93.71754 (59,13)
40.0 /	86.81333 (83,13)	81.35645 (83,13)	74.84270 (83,13)	68.29481 (83,13)
30.0 /	100.97530 (160,11)	90.73721 (160,11)	81.75140 (160,11)	73.94553 (160,11)
20.0 /	51.09089 (113,24)	45.84934 (113,24)	41.41888 (113,24)	37.66916 (113,24)
10.0 /	61.97189 (161,10)	61.93863 (161,10)	59.97089 (161,10)	57.06919 (161,10)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 146.27020 AND OCCURRED AT (250.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	10.60636 (75, 5)	16.18919 (75, 5)	20.82503 (75, 6)	25.50459 (150,15)	31.25972 (150,15)
350.0 /	18.20838 (340,11)	29.02213 (340,11)	34.97767 (37,18)	39.36905 (37,18)	35.31286 (340,11)
340.0 /	34.59710 (43,24)	54.02723 (43,24)	63.98824 (43,24)	66.28088 (43,24)	58.72603 (43,24)
330.0 /	27.66574 (91,23)	43.72958 (91,23)	52.53394 (33, 1)	65.24091 (98,12)	58.72660 (43,24)
320.0 /	46.08481 (98,10)	75.49502 (98,10)	92.15540 (98,10)	98.81084 (98,10)	88.56188 (98,10)
310.0 /	44.71638 (47,13)	71.88655 (47,13)	86.75364 (47,13)	91.54708 (47,13)	91.40652 (98,11)
300.0 /	46.00288 (331,14)	75.45891 (331,14)	92.09812 (64,11)	98.62644 (64,11)	88.31113 (64,11)
290.0 /	69.32242 (20,18)	110.06490 (20,18)	129.03190 (20,15)	132.70180 (20,17)	120.34590 (20,15)
280.0 /	75.40243 (58,10)	117.43270 (58,10)	140.64090 (58,10)	146.05780 (58,10)	133.44510 (58,10)
270.0 /	64.85573 (20, 8)	102.43070 (20, 8)	123.19910 (20, 8)	128.50460 (20, 8)	116.49570 (20, 8)
260.0 /	61.24065 (51,14)	99.11327 (51,14)	120.57810 (51,14)	127.41040 (51,14)	115.10170 (51,14)
250.0 /	59.62756 (268,22)	96.62001 (268,22)	117.61670 (268,22)	124.34370 (268,22)	112.35660 (268,22)
240.0 /	53.35604 (268, 9)	87.10047 (268, 9)	106.28000 (268, 9)	113.07920 (268, 9)	101.78750 (268, 9)
230.0 /	49.64409 (268, 1)	79.58278 (268, 1)	96.09122 (268, 1)	101.41080 (303,11)	100.55990 (268,13)
220.0 /	35.21579 (268,16)	57.48766 (268,16)	69.86422 (268, 5)	75.48073 (268, 5)	67.19106 (268, 5)
210.0 /	13.18968 (269,12)	21.13461 (269,12)	31.17018 (269,12)	38.54676 (344, 4)	27.68540 (344, 4)
200.0 /	23.86334 (269,11)	37.37598 (365,16)	43.60754 (365,16)	44.87632 (365,16)	39.14068 (365,16)
190.0 /	39.22144 (365,18)	63.59939 (57,11)	77.13244 (57,11)	83.25896 (57,11)	74.11332 (57,11)
180.0 /	45.56431 (365, 7)	72.33279 (365, 7)	86.60484 (365, 7)	90.83244 (365, 7)	80.75512 (365, 7)
170.0 /	54.77394 (365, 4)	87.84109 (365, 4)	105.99560 (365, 4)	111.80730 (365, 4)	99.97547 (365, 4)
160.0 /	47.69751 (359,10)	76.29376 (359,10)	91.76553 (359,10)	97.26728 (359,10)	86.40757 (359,10)
150.0 /	56.01455 (324,20)	90.03143 (324,20)	108.97840 (324,20)	115.22600 (358,21)	103.37360 (358,21)
140.0 /	62.05931 (70, 3)	99.56954 (70, 3)	120.46710 (70, 3)	126.75160 (70, 3)	114.13200 (70, 3)
130.0 /	48.33561 (70,21)	77.91630 (70,21)	94.18526 (70,21)	100.21710 (70,21)	89.30704 (70,21)
120.0 /	42.07701 (70,15)	63.90963 (70,15)	74.88804 (70,15)	76.53268 (70,15)	68.46438 (70,15)
110.0 /	54.21003 (70,17)	87.53506 (70,17)	106.40070 (124,17)	113.49240 (124,17)	102.35900 (124,17)
100.0 /	64.22827 (244,14)	98.25320 (244,14)	117.57460 (48,17)	124.14320 (48,17)	112.06690 (48,17)
90.0 /	55.93451 (60,10)	89.60779 (124,16)	109.13910 (124,16)	115.43910 (124,16)	104.30140 (124,16)
80.0 /	55.72911 (48,14)	84.11040 (44,19)	98.39509 (60, 9)	104.07690 (60, 9)	93.21388 (60, 9)
70.0 /	53.44376 (59,16)	87.14335 (59,16)	106.25550 (59,16)	112.99010 (59,16)	101.66330 (59,16)
60.0 /	68.86246 (59,12)	109.78690 (59,12)	132.91080 (59,12)	139.32460 (59,12)	126.84740 (59,12)
50.0 /	74.95990 (59,11)	117.14200 (59,11)	140.60420 (59,11)	146.27020 (59,11)	133.81420 (59,11)
40.0 /	38.01761 (76,17)	61.94399 (76,17)	75.31711 (76,17)	81.46732 (76,17)	72.62286 (76,17)
30.0 /	48.95458 (83,10)	76.35707 (83,10)	90.93797 (83,10)	94.16303 (83,10)	84.72322 (83,10)
20.0 /	29.42312 (113,24)	46.84574 (83,10)	54.65657 (83,10)	55.73194 (83,10)	49.39841 (83,10)
10.0 /	13.86001 (363,16)	21.69748 (363,16)	29.04935 (37,20)	32.20579 (150,15)	39.65165 (150,15)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 146.27020 AND OCCURRED AT (250.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	33.73969 (150,15)	34.14835 (150,15)	37.21649 (232,14)	38.23956 (232,14)
350.0 /	39.18893 (92,13)	40.83027 (99,13)	40.95706 (99,13)	39.95604 (99,13)
340.0 /	51.88215 (43,24)	45.91806 (43,24)	40.80648 (43,24)	38.92107 (123,11)
330.0 /	61.31913 (86,12)	61.32374 (86,12)	59.40684 (86,12)	56.55830 (86,12)
320.0 /	79.13390 (98,10)	70.86548 (98,10)	63.74781 (98,10)	57.65337 (98,10)
310.0 /	90.74755 (98,11)	86.20413 (98,11)	80.16607 (98,11)	73.81320 (98,11)
300.0 /	78.85345 (64,11)	70.57649 (64,11)	63.46173 (64,11)	57.79338 (331,14)
290.0 /	110.08100 (20,15)	100.54550 (20,15)	91.84309 (20,15)	83.98823 (20,15)
280.0 /	121.17270 (58,10)	109.81010 (58,10)	99.56827 (58,10)	90.46651 (58,10)
270.0 /	105.00330 (20, 8)	94.54655 (20, 8)	85.26917 (20, 8)	77.33049 (211,12)
260.0 /	103.43490 (51,14)	92.95069 (51,14)	83.75493 (51,14)	75.76989 (51,14)
250.0 /	100.97540 (268,22)	90.73723 (268,22)	81.75141 (268,22)	73.94550 (268,22)
240.0 /	91.21105 (268, 9)	81.80621 (268, 9)	73.62678 (268, 9)	66.57078 (268, 9)
230.0 /	97.10870 (268,13)	90.07696 (267,21)	81.15788 (267,21)	73.37255 (267,21)
220.0 /	60.08090 (268,16)	53.70569 (268,16)	48.28121 (268,16)	43.67443 (268,16)
210.0 /	25.41483 (162,11)	30.15321 (162,11)	34.51835 (162,11)	35.59907 (162,11)
200.0 /	34.13561 (365,16)	30.05763 (269,10)	31.21972 (269,10)	30.89965 (101,13)
190.0 /	65.95847 (57,11)	58.95768 (57,11)	53.01999 (57,11)	47.98813 (57,11)
180.0 /	71.64045 (365, 7)	63.71821 (365, 7)	56.94052 (365, 7)	51.16706 (365, 7)
170.0 /	89.14504 (365, 4)	79.65373 (365, 4)	71.48238 (365, 4)	64.48599 (365, 4)
160.0 /	76.70370 (359,10)	68.34953 (359,10)	61.25053 (359,10)	55.91454 (107,12)
150.0 /	92.51921 (324,20)	82.91795 (324,20)	74.53489 (324,20)	67.28168 (324,20)
140.0 /	102.31170 (70, 3)	91.76897 (70, 3)	82.57007 (70, 3)	74.61302 (70, 3)
130.0 /	79.47009 (70,21)	70.95140 (70,21)	63.68227 (70,21)	57.49799 (70,21)
120.0 /	61.00864 (70,15)	58.12109 (114,11)	55.37734 (114,11)	51.96610 (114,11)
110.0 /	91.85611 (124,17)	82.47504 (124,17)	76.35284 (114,14)	70.24483 (114,14)
100.0 /	100.64180 (48,17)	90.38736 (48,17)	81.40133 (48,17)	73.60419 (48,17)
90.0 /	93.70221 (124,16)	84.15552 (124,16)	75.95943 (76,13)	69.88527 (76,13)
80.0 /	83.19046 (60, 9)	74.36310 (60, 9)	66.89951 (48,14)	60.52360 (48,14)
70.0 /	91.07053 (59,16)	81.66033 (59,16)	73.48172 (59,16)	66.42999 (59,16)
60.0 /	114.73920 (59,12)	103.62170 (59,12)	93.69379 (59,12)	84.94758 (59,12)
50.0 /	121.63150 (59,11)	110.31410 (59,11)	100.08880 (59,11)	90.98569 (59,11)
40.0 /	64.69286 (76,17)	57.86172 (76,17)	52.05415 (76,17)	47.12426 (76,17)
30.0 /	75.84796 (83,10)	67.86954 (83,10)	60.85585 (83,10)	54.75347 (83,10)
20.0 /	43.64309 (83,10)	38.59132 (83,10)	34.23073 (83,10)	30.49252 (83,10)
10.0 /	42.99302 (150,15)	43.70599 (150,15)	42.90299 (150,15)	41.28953 (150,15)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	195.26860	22	66	200.0	190.0	26	137.02290	9	20	300.0	280.0
2	190.60880	22	66	250.0	190.0	27	136.87790	11	20	250.0	270.0
3	188.29090	24	11	200.0	140.0	28	136.67550	16	76	250.0	50.0
4	183.36170	24	11	250.0	140.0	29	135.15350	23	76	250.0	50.0
5	164.50290	22	66	300.0	190.0	30	133.81420	11	59	300.0	50.0
6	163.26810	22	66	150.0	190.0	31	133.44510	10	58	300.0	280.0
7	159.04970	24	11	300.0	140.0	32	132.95040	16	76	200.0	50.0
8	158.90840	24	11	150.0	140.0	33	132.92200	11	20	200.0	270.0
9	150.14370	13	59	250.0	50.0	34	132.91080	12	59	200.0	60.0
10	149.88170	9	20	250.0	280.0	35	132.89270	18	20	200.0	290.0
11	146.27020	11	59	250.0	50.0	36	132.88880	22	57	200.0	260.0
12	146.05780	10	58	250.0	280.0	37	132.84270	16	83	200.0	100.0
13	144.23690	9	20	200.0	280.0	38	132.81690	2	114	250.0	50.0
14	144.19210	13	59	200.0	50.0	39	132.70180	17	20	250.0	290.0
15	143.56720	15	76	250.0	60.0	40	132.67280	18	76	250.0	60.0
16	143.53430	22	66	350.0	190.0	41	131.10520	15	20	250.0	290.0
17	140.64090	10	58	200.0	280.0	42	131.03810	15	76	300.0	60.0
18	140.60420	11	59	200.0	50.0	43	131.03440	8	345	200.0	280.0
19	139.51360	24	11	350.0	140.0	44	130.37450	23	76	200.0	50.0
20	139.32460	12	59	250.0	60.0	45	129.03190	15	20	200.0	290.0
21	139.01880	18	20	250.0	290.0	46	128.55910	13	58	250.0	280.0
22	138.87170	22	57	250.0	260.0	47	128.50470	21	75	250.0	250.0
23	137.52740	15	76	200.0	60.0	48	128.50460	8	20	250.0	270.0
24	137.47820	13	59	300.0	50.0	49	127.50320	18	76	200.0	60.0
25	137.03360	16	83	250.0	100.0	50	127.49800	2	114	200.0	50.0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 130.54240 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	7.55151 (75, 2)	11.49779 (75, 2)	13.69144 (75, 2)	16.03579 (75, 2)	15.11632 (237, 4)
350.0 /	6.13079 (37, 6)	9.69671 (37, 6)	11.68466 (340, 4)	14.55465 (123, 4)	18.20723 (98, 5)
340.0 /	14.42713 (32, 8)	23.44346 (32, 8)	28.45831 (32, 8)	30.38701 (32, 8)	27.13398 (32, 8)
330.0 /	14.33849 (33, 1)	22.51503 (33, 1)	26.96475 (33, 1)	30.19746 (33, 1)	27.98636 (98, 4)
320.0 /	38.71899 (64, 5)	62.22248 (64, 5)	75.02692 (64, 5)	79.38295 (64, 5)	70.78354 (64, 5)
310.0 /	32.31699 (32, 5)	51.81671 (32, 5)	62.47903 (32, 5)	66.44684 (32, 5)	59.34660 (32, 5)
300.0 /	28.10142 (64, 4)	45.87092 (64, 4)	55.85706 (64, 4)	60.10364 (64, 4)	53.71732 (64, 4)
290.0 /	67.03928 (20, 6)	104.77610 (20, 6)	125.49280 (20, 6)	130.54240 (20, 6)	118.66230 (20, 6)
280.0 /	38.08877 (20, 3)	59.18351 (20, 3)	70.49869 (20, 3)	73.06229 (20, 3)	66.06245 (20, 3)
270.0 /	41.89365 (20, 4)	64.05408 (20, 4)	76.70557 (20, 2)	80.91216 (20, 2)	72.05328 (20, 2)
260.0 /	45.31339 (57, 8)	69.96339 (57, 8)	82.93159 (57, 8)	85.77020 (57, 8)	77.19940 (57, 8)
250.0 /	27.60312 (57, 8)	41.89302 (57, 8)	50.08585 (343, 4)	54.21991 (343, 4)	48.44921 (343, 4)
240.0 /	27.41883 (268, 3)	44.64822 (268, 3)	54.38477 (268, 3)	58.56882 (268, 3)	52.51968 (268, 3)
230.0 /	41.33248 (268, 4)	65.45668 (268, 4)	78.53827 (268, 4)	87.32147 (268, 4)	82.73277 (268, 4)
220.0 /	16.99521 (268, 6)	27.17173 (268, 6)	32.79025 (268, 6)	36.16344 (268, 6)	32.21293 (268, 6)
210.0 /	7.67510 (269, 4)	12.04862 (269, 4)	16.71582 (269, 4)	23.64387 (269, 4)	26.52498 (269, 4)
200.0 /	9.95493 (269, 4)	15.97171 (269, 4)	21.78328 (269, 4)	27.69960 (269, 4)	28.75554 (269, 4)
190.0 /	46.69220 (66, 8)	72.46234 (66, 8)	86.41973 (66, 8)	85.60699 (66, 8)	74.37189 (66, 8)
180.0 /	29.30965 (365, 7)	46.52383 (365, 7)	55.71066 (365, 7)	60.09019 (365, 7)	53.07896 (365, 7)
170.0 /	50.05045 (365, 2)	79.43857 (365, 2)	95.30235 (365, 2)	99.96301 (365, 2)	89.32523 (365, 2)
160.0 /	25.22349 (359, 4)	39.98412 (359, 4)	47.77374 (359, 4)	50.61186 (359, 4)	49.83105 (107, 4)
150.0 /	38.65259 (358, 8)	61.29919 (358, 8)	73.64935 (358, 8)	76.99533 (358, 8)	69.17670 (358, 8)
140.0 /	37.42393 (11, 8)	56.71304 (11, 8)	67.16437 (11, 8)	64.23331 (11, 8)	54.30962 (11, 8)
130.0 /	37.87946 (71, 4)	60.35880 (71, 4)	72.44159 (71, 4)	76.64180 (71, 4)	68.14146 (71, 4)
120.0 /	20.63165 (69, 8)	32.71254 (69, 8)	39.39985 (69, 8)	43.05382 (69, 8)	38.46372 (69, 8)
110.0 /	34.58786 (70, 6)	54.77427 (70, 6)	65.71716 (70, 6)	68.75880 (70, 6)	61.67431 (70, 6)
100.0 /	54.47502 (83, 6)	84.13583 (83, 6)	100.04370 (83, 6)	104.08090 (83, 6)	94.33975 (83, 6)
90.0 /	43.07109 (60, 4)	65.14072 (60, 4)	76.33058 (60, 4)	78.05614 (60, 4)	70.24609 (60, 4)
80.0 /	26.16446 (60, 3)	41.97509 (60, 3)	50.67489 (60, 3)	54.34222 (60, 3)	48.49234 (60, 3)
70.0 /	44.60139 (59, 6)	71.32400 (59, 6)	86.02477 (59, 6)	90.39702 (59, 6)	81.19579 (59, 6)
60.0 /	37.36956 (76, 5)	58.47287 (76, 5)	69.96042 (76, 5)	72.65718 (76, 5)	65.84464 (76, 5)
50.0 /	38.39310 (76, 8)	60.37594 (76, 8)	72.33200 (76, 8)	76.12318 (76, 8)	68.58802 (76, 8)
40.0 /	26.43985 (83, 4)	39.52140 (83, 4)	46.00779 (83, 4)	50.03175 (83, 5)	49.28382 (83, 5)
30.0 /	32.15960 (83, 4)	47.97598 (83, 4)	55.87782 (83, 4)	56.94399 (83, 4)	51.31066 (83, 4)
20.0 /	11.21574 (83, 3)	17.67074 (83, 3)	21.18361 (83, 3)	23.79345 (83, 3)	21.10852 (83, 3)
10.0 /	5.27378 (37, 7)	8.09911 (37, 7)	10.33092 (161, 4)	16.44387 (150, 5)	20.50962 (150, 5)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 130.54240 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	16.45336 (98, 5)	17.55269 (98, 5)	18.26076 (98, 5)	18.42719 (98, 5)
350.0 /	20.72830 (98, 5)	21.97049 (98, 5)	23.05630 (98, 5)	23.35341 (98, 5)
340.0 /	27.27824 (123, 4)	28.47774 (123, 4)	29.91679 (123, 4)	30.32711 (123, 4)
330.0 /	27.73023 (98, 4)	26.36194 (98, 4)	26.56273 (157, 5)	27.12896 (157, 5)
320.0 /	62.93612 (64, 5)	56.08000 (64, 5)	50.19360 (64, 5)	45.16586 (64, 5)
310.0 /	52.87907 (32, 5)	47.22641 (32, 5)	42.36593 (32, 5)	38.20606 (32, 5)
300.0 /	47.91887 (64, 4)	43.17123 (331, 5)	39.19656 (331, 5)	35.77070 (331, 5)
290.0 /	107.26780 (20, 6)	96.85170 (20, 6)	87.56142 (20, 6)	79.37505 (20, 6)
280.0 /	59.45149 (20, 3)	53.47267 (20, 3)	48.18274 (20, 3)	43.55075 (20, 3)
270.0 /	64.16492 (20, 4)	57.94835 (20, 4)	52.38124 (20, 4)	47.45566 (20, 4)
260.0 /	69.20618 (57, 8)	62.04253 (57, 8)	55.74728 (57, 8)	50.26411 (57, 8)
250.0 /	43.24389 (343, 4)	39.32505 (178, 5)	38.34105 (178, 5)	36.79079 (178, 5)
240.0 /	46.98075 (268, 3)	42.13141 (268, 3)	37.95803 (268, 3)	34.38288 (268, 3)
230.0 /	76.19493 (268, 4)	69.25152 (268, 4)	62.62692 (268, 4)	56.60069 (268, 4)
220.0 /	28.73223 (268, 6)	25.76503 (268, 6)	23.25781 (268, 6)	21.13639 (268, 6)
210.0 /	27.31964 (269, 4)	26.87941 (269, 4)	25.79333 (269, 4)	24.41201 (269, 4)
200.0 /	28.70119 (269, 4)	27.95360 (269, 4)	26.82923 (269, 4)	25.53007 (269, 4)
190.0 /	65.09431 (66, 8)	57.36506 (66, 8)	50.88403 (66, 8)	43.01387 (66, 8)
180.0 /	46.98513 (365, 7)	41.83981 (365, 7)	37.52554 (365, 7)	33.89953 (365, 7)
170.0 /	79.59410 (365, 2)	71.05436 (365, 2)	63.68971 (365, 2)	57.37481 (365, 2)
160.0 /	50.18906 (107, 4)	48.88582 (107, 4)	46.72496 (107, 4)	44.19122 (107, 4)
150.0 /	61.88931 (358, 8)	55.40248 (358, 8)	49.74831 (358, 8)	44.86139 (358, 8)
140.0 /	47.09020 (11, 8)	41.41931 (11, 8)	36.78901 (11, 8)	30.87494 (11, 8)
130.0 /	60.49091 (71, 4)	53.86488 (71, 4)	48.20865 (71, 4)	43.39616 (71, 4)
120.0 /	34.38444 (69, 8)	30.88046 (69, 8)	27.90235 (69, 8)	25.37195 (69, 8)
110.0 /	55.10405 (70, 6)	49.27584 (70, 6)	44.20821 (70, 6)	39.83597 (70, 6)
100.0 /	85.16299 (83, 6)	76.85291 (83, 6)	69.47561 (83, 6)	62.98833 (83, 6)
90.0 /	62.97240 (60, 4)	56.43270 (60, 4)	50.66193 (60, 4)	45.61634 (60, 4)
80.0 /	43.22116 (60, 3)	38.65351 (60, 3)	34.75095 (60, 3)	31.42593 (60, 3)
70.0 /	72.60849 (59, 6)	64.96851 (59, 6)	58.31555 (59, 6)	52.57093 (59, 6)
60.0 /	59.33383 (76, 5)	53.40302 (76, 5)	48.13221 (76, 5)	43.50433 (76, 5)
50.0 /	61.60601 (76, 8)	55.38832 (76, 8)	49.94855 (76, 8)	45.22242 (76, 8)
40.0 /	46.32613 (83, 5)	42.60667 (83, 5)	38.82703 (83, 5)	35.28430 (83, 5)
30.0 /	46.07898 (83, 4)	41.37334 (83, 4)	37.21309 (83, 4)	33.56614 (83, 4)
20.0 /	18.81238 (83, 3)	16.89313 (83, 3)	15.29174 (83, 3)	13.94711 (83, 3)
10.0 /	22.55365 (150, 5)	23.22787 (150, 5)	23.44108 (150, 5)	23.05206 (150, 5)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 86.13665 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	2.91189 (363, 6)	4.43745 (363, 6)	7.49984 (237, 4)	12.23729 (237, 4)	14.36457 (75, 2)
350.0 /	6.06948 (340, 4)	9.67406 (340, 4)	11.65954 (37, 6)	14.03045 (98, 5)	17.84170 (123, 4)
340.0 /	11.53237 (43, 8)	18.00908 (43, 8)	21.32941 (43, 8)	22.42115 (99, 5)	24.71353 (99, 5)
330.0 /	11.53246 (43, 8)	18.00923 (43, 8)	21.32961 (43, 8)	25.94798 (98, 4)	26.81499 (33, 1)
320.0 /	24.09308 (32, 8)	39.03791 (32, 8)	47.33670 (32, 8)	51.12122 (32, 8)	45.56313 (32, 8)
310.0 /	26.21920 (32, 4)	41.75287 (32, 4)	50.03374 (32, 4)	53.63512 (47, 4)	47.39854 (32, 4)
300.0 /	27.07514 (331, 5)	44.35461 (331, 5)	54.27864 (331, 5)	58.78404 (331, 5)	53.02516 (331, 5)
290.0 /	45.84679 (20, 5)	70.16905 (20, 5)	83.21532 (20, 5)	86.13665 (20, 5)	78.41791 (20, 5)
280.0 /	27.42071 (58, 4)	42.50777 (52, 4)	51.00277 (52, 4)	53.42860 (52, 4)	47.72382 (52, 4)
270.0 /	40.03521 (20, 2)	63.87033 (20, 2)	75.80933 (20, 4)	78.05315 (20, 4)	70.94981 (20, 4)
260.0 /	35.12336 (19, 7)	55.67138 (19, 7)	66.74657 (19, 7)	71.00030 (19, 7)	63.30184 (19, 7)
250.0 /	25.26899 (343, 4)	41.15623 (343, 4)	49.01500 (57, 8)	50.43289 (57, 8)	44.90253 (57, 8)
240.0 /	26.67717 (306, 4)	43.07434 (268, 1)	52.26896 (268, 1)	56.05035 (306, 4)	50.13815 (268, 1)
230.0 /	38.07735 (267, 7)	60.94173 (267, 7)	73.42919 (267, 7)	77.80040 (267, 7)	69.57047 (267, 7)
220.0 /	16.88421 (268, 2)	26.98319 (268, 2)	32.33804 (268, 2)	34.51141 (268, 2)	30.47622 (268, 2)
210.0 /	7.50590 (344, 2)	11.73077 (344, 2)	13.92201 (344, 2)	12.84892 (344, 2)	9.22847 (344, 2)
200.0 /	8.41527 (365, 6)	12.84119 (365, 6)	14.92356 (365, 6)	15.32146 (365, 6)	13.33105 (365, 6)
190.0 /	26.62333 (365, 6)	42.08691 (365, 6)	50.18874 (365, 6)	52.75739 (365, 6)	46.65493 (365, 6)
180.0 /	28.26765 (365, 3)	43.99009 (365, 3)	51.87286 (365, 3)	53.90583 (365, 3)	47.35886 (365, 3)
170.0 /	33.20255 (359, 3)	52.23512 (359, 3)	62.06659 (359, 3)	65.76077 (359, 3)	57.79160 (359, 3)
160.0 /	22.13000 (13, 2)	34.40790 (13, 2)	40.88376 (13, 2)	46.67389 (107, 4)	44.70208 (359, 4)
150.0 /	24.17143 (358, 7)	38.70110 (358, 7)	46.61915 (358, 7)	49.55029 (358, 7)	44.15810 (358, 7)
140.0 /	20.68908 (70, 1)	33.19247 (70, 1)	40.15792 (70, 1)	42.25246 (70, 1)	38.04532 (70, 1)
130.0 /	23.97144 (70, 7)	37.89271 (70, 7)	45.39906 (70, 7)	49.08176 (70, 7)	43.53373 (70, 7)
120.0 /	20.49985 (70, 6)	30.97244 (70, 6)	35.92519 (70, 6)	36.56736 (70, 6)	32.11375 (70, 6)
110.0 /	30.25825 (70, 5)	46.99232 (70, 5)	55.68133 (70, 5)	58.85690 (70, 5)	52.25704 (70, 5)
100.0 /	39.65277 (60, 4)	60.42700 (60, 4)	70.95075 (60, 4)	72.80553 (60, 4)	65.08781 (60, 4)
90.0 /	25.79031 (77, 5)	41.65136 (77, 5)	50.66933 (77, 5)	59.03438 (77, 5)	57.97571 (77, 5)
80.0 /	19.19682 (48, 5)	28.97179 (124, 5)	35.46691 (124, 5)	37.83081 (124, 5)	34.11966 (124, 5)
70.0 /	26.56398 (59, 5)	41.34263 (59, 5)	49.14896 (59, 5)	51.50326 (59, 5)	46.12615 (59, 5)
60.0 /	31.86854 (59, 7)	50.95382 (59, 7)	61.39522 (59, 7)	60.15573 (59, 7)	48.48112 (76, 6)
50.0 /	35.40047 (59, 4)	56.01604 (114, 1)	67.64194 (114, 1)	71.49266 (114, 1)	64.60612 (114, 1)
40.0 /	21.12045 (83, 5)	34.21499 (83, 5)	41.45020 (83, 5)	47.48314 (83, 4)	42.47395 (83, 4)
30.0 /	19.87585 (160, 4)	32.20667 (160, 4)	39.20555 (160, 4)	41.44788 (160, 4)	37.45221 (160, 4)
20.0 /	10.41851 (83, 4)	15.94860 (113, 8)	19.40377 (113, 8)	21.39462 (113, 8)	19.07797 (113, 8)
10.0 /	4.62000 (363, 6)	7.23249 (363, 6)	10.08002 (150, 5)	16.23899 (161, 4)	19.46153 (161, 4)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 86.13665 AND OCCURRED AT (250.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	16.44312 (237, 4)	16.76699 (237, 4)	16.50619 (237, 4)	15.92820 (237, 4)
350.0 /	19.60312 (123, 4)	20.28509 (123, 4)	21.06104 (123, 4)	21.19811 (123, 4)
340.0 /	25.63659 (99, 5)	25.62734 (99, 5)	25.33961 (99, 5)	24.62269 (99, 5)
330.0 /	25.11851 (86, 4)	24.50107 (86, 4)	24.55379 (98, 4)	22.64667 (98, 4)
320.0 /	40.58135 (32, 8)	36.28722 (32, 8)	32.63386 (32, 8)	29.53078 (32, 8)
310.0 /	41.96740 (32, 4)	37.30843 (32, 4)	33.35930 (32, 4)	30.01624 (32, 4)
300.0 /	47.77216 (331, 5)	42.87898 (64, 4)	38.56728 (64, 4)	34.89125 (64, 4)
290.0 /	71.09193 (20, 5)	64.41174 (20, 5)	58.44376 (20, 5)	53.16483 (20, 5)
280.0 /	44.62864 (211, 4)	43.94467 (211, 4)	42.07152 (211, 4)	39.68213 (211, 4)
270.0 /	64.00986 (20, 2)	56.99992 (20, 2)	50.98960 (20, 2)	45.86024 (20, 2)
260.0 /	56.35533 (19, 7)	50.31815 (19, 7)	45.14611 (19, 7)	40.73075 (19, 7)
250.0 /	39.90400 (57, 8)	38.73841 (343, 4)	34.89377 (343, 4)	31.62074 (343, 4)
240.0 /	44.76801 (268, 1)	40.07578 (268, 1)	36.04359 (268, 1)	32.61169 (306, 4)
230.0 /	62.70796 (268, 5)	57.19382 (268, 5)	51.86633 (268, 5)	47.00538 (268, 5)
220.0 /	26.91342 (268, 2)	23.87654 (268, 2)	21.31651 (268, 2)	19.15943 (268, 2)
210.0 /	10.13323 (318, 4)	11.62449 (318, 4)	13.34384 (318, 4)	14.49855 (318, 4)
200.0 /	13.74510 (300, 4)	15.31141 (300, 4)	16.19173 (300, 4)	16.57518 (300, 4)
190.0 /	41.21906 (365, 6)	36.54688 (365, 6)	32.58282 (365, 6)	29.22723 (365, 6)
180.0 /	41.59149 (365, 3)	36.67131 (365, 3)	32.52132 (365, 3)	29.02612 (365, 3)
170.0 /	50.88217 (359, 3)	45.05928 (359, 3)	40.18820 (359, 3)	36.10572 (359, 3)
160.0 /	39.50500 (359, 4)	35.08017 (359, 4)	31.35039 (359, 4)	28.20641 (359, 4)
150.0 /	39.28825 (358, 7)	35.05992 (358, 7)	31.44268 (358, 7)	28.35887 (358, 7)
140.0 /	34.10482 (70, 1)	30.59034 (70, 1)	27.52387 (70, 1)	24.87140 (70, 1)
130.0 /	38.67143 (70, 7)	34.53532 (70, 7)	31.04571 (70, 7)	28.09785 (70, 7)
120.0 /	28.15938 (70, 6)	24.75224 (70, 6)	24.14665 (110, 5)	23.61896 (110, 5)
110.0 /	46.38768 (70, 5)	41.32424 (70, 5)	37.00341 (70, 5)	33.32288 (70, 5)
100.0 /	57.98540 (60, 4)	51.68255 (60, 4)	46.18805 (60, 4)	41.43522 (60, 4)
90.0 /	54.98029 (77, 5)	51.18034 (77, 5)	47.21817 (77, 5)	43.40779 (77, 5)
80.0 /	30.61869 (124, 5)	27.49167 (124, 5)	24.76372 (124, 5)	22.83495 (80, 4)
70.0 /	41.20800 (59, 5)	36.87154 (59, 5)	33.10777 (59, 5)	29.85922 (59, 5)
60.0 /	43.61879 (76, 6)	39.20862 (76, 6)	35.29586 (76, 6)	31.86274 (76, 6)
50.0 /	58.13915 (114, 1)	52.33935 (114, 1)	47.24545 (114, 1)	42.81010 (114, 1)
40.0 /	37.97404 (83, 4)	34.02966 (83, 4)	30.60616 (83, 4)	27.64275 (83, 4)
30.0 /	33.65845 (160, 4)	30.24574 (160, 4)	27.25047 (160, 4)	24.64851 (160, 4)
20.0 /	17.03030 (113, 8)	15.28311 (113, 8)	13.80630 (113, 8)	12.55639 (113, 8)
10.0 /	20.65730 (161, 4)	20.64621 (161, 4)	19.99030 (161, 4)	19.02307 (161, 4)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	130.54240	6	20	250.0	290.0	26	81.19579	6	59	300.0	70.0
2	125.49280	6	20	200.0	290.0	27	80.91216	2	20	250.0	270.0
3	118.66230	6	20	300.0	290.0	28	79.59410	2	365	350.0	170.0
4	107.26780	6	20	350.0	290.0	29	79.43857	2	365	150.0	170.0
5	104.77610	6	20	150.0	290.0	30	79.38295	5	64	250.0	320.0
6	104.08090	6	83	250.0	100.0	31	79.37505	6	20	500.0	290.0
7	100.04370	6	83	200.0	100.0	32	78.53827	4	268	200.0	230.0
8	99.96301	2	365	250.0	170.0	33	78.41791	5	20	300.0	290.0
9	96.85170	6	20	400.0	290.0	34	78.05614	4	60	250.0	90.0
10	95.30235	2	365	200.0	170.0	35	78.05315	4	20	250.0	270.0
11	94.33975	6	83	300.0	100.0	36	77.80040	7	267	250.0	230.0
12	90.39702	6	59	250.0	70.0	37	77.19940	8	57	300.0	260.0
13	89.32523	2	365	300.0	170.0	38	76.99533	8	358	250.0	150.0
14	87.56142	6	20	450.0	290.0	39	76.85291	6	83	400.0	100.0
15	87.32147	4	268	250.0	230.0	40	76.70557	2	20	200.0	270.0
16	86.41973	8	66	200.0	190.0	41	76.64180	4	71	250.0	130.0
17	86.13665	5	20	250.0	290.0	42	76.33058	4	60	200.0	90.0
18	86.02477	6	59	200.0	70.0	43	76.19493	4	268	350.0	230.0
19	85.77020	8	57	250.0	260.0	44	76.12318	8	76	250.0	50.0
20	85.60699	8	66	250.0	190.0	45	75.80933	4	20	200.0	270.0
21	85.16299	6	83	350.0	100.0	46	75.02692	5	64	200.0	320.0
22	84.13583	6	83	150.0	100.0	47	74.37189	8	66	300.0	190.0
23	83.21532	5	20	200.0	290.0	48	73.64935	8	358	200.0	150.0
24	82.93159	8	57	200.0	260.0	49	73.42919	7	267	200.0	230.0
25	82.73277	4	268	300.0	230.0	50	73.06229	3	20	250.0	280.0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 38.21982 AND OCCURRED AT (250.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	1.13262 (75, 1)	1.69947 (75, 1)	2.03351 (75, 1)	2.40338 (75, 1)	2.17340 (75, 1)
350.0 /	.98673 (37, 1)	1.55064 (37, 1)	2.09228 (37, 1)	2.93767 (98, 1)	3.52993 (98, 1)
340.0 /	2.48918 (32, 1)	3.96116 (32, 1)	4.76813 (32, 1)	5.18908 (32, 1)	4.91731 (98, 1)
330.0 /	2.44936 (32, 1)	3.67152 (32, 1)	4.25775 (32, 1)	4.88828 (99, 1)	5.09095 (86, 1)
320.0 /	9.66737 (64, 1)	15.26094 (64, 1)	18.27071 (64, 1)	19.89535 (64, 1)	17.66624 (64, 1)
310.0 /	10.45018 (32, 1)	16.42124 (32, 1)	19.62473 (32, 1)	20.39173 (32, 1)	17.35471 (32, 1)
300.0 /	5.00761 (64, 1)	7.89711 (64, 1)	9.45912 (64, 1)	10.73395 (139, 1)	11.01858 (139, 1)
290.0 /	17.26108 (20, 1)	26.65310 (20, 1)	31.68903 (20, 1)	32.90405 (20, 1)	29.80313 (20, 1)
280.0 /	10.89135 (20, 1)	16.41210 (20, 1)	19.10532 (20, 1)	19.55053 (20, 1)	17.35709 (20, 1)
270.0 /	19.70496 (20, 1)	30.70261 (20, 1)	36.56287 (20, 1)	38.21982 (20, 1)	34.33804 (20, 1)
260.0 /	8.71776 (19, 1)	13.67927 (19, 1)	16.31607 (19, 1)	17.51054 (19, 1)	15.55949 (19, 1)
250.0 /	5.34405 (343, 1)	8.62045 (343, 1)	10.43187 (343, 1)	11.27340 (343, 1)	10.00209 (343, 1)
240.0 /	12.67274 (268, 1)	20.02154 (268, 1)	23.97186 (268, 1)	25.46180 (268, 1)	22.44766 (268, 1)
230.0 /	16.79663 (268, 1)	26.56789 (268, 1)	31.79206 (268, 1)	35.24184 (268, 1)	32.49217 (268, 1)
220.0 /	8.13896 (268, 1)	12.82443 (268, 1)	15.27441 (268, 1)	17.22529 (268, 1)	15.93320 (268, 1)
210.0 /	1.21967 (344, 1)	1.85472 (344, 1)	2.38066 (269, 1)	3.44631 (269, 1)	3.95644 (269, 1)
200.0 /	1.33597 (365, 1)	2.10799 (269, 1)	2.94897 (269, 1)	3.86424 (269, 1)	4.11387 (269, 1)
190.0 /	5.83652 (66, 1)	9.05779 (66, 1)	10.80247 (66, 1)	10.70087 (66, 1)	9.29649 (66, 1)
180.0 /	15.24631 (365, 1)	23.64511 (365, 1)	27.88760 (365, 1)	29.73106 (365, 1)	26.05768 (365, 1)
170.0 /	16.75542 (359, 1)	26.11723 (359, 1)	30.99995 (359, 1)	33.52464 (359, 1)	29.50259 (359, 1)
160.0 /	7.36653C(358, 1)	11.39250C(358, 1)	13.39541C(358, 1)	14.17785C(358, 1)	12.41890C(358, 1)
150.0 /	11.56919C(358, 1)	18.35623C(358, 1)	22.02092C(358, 1)	23.39158C(358, 1)	20.85849C(358, 1)
140.0 /	6.93959 (70, 1)	10.70687 (70, 1)	12.62960 (70, 1)	13.03355 (70, 1)	11.12227 (70, 1)
130.0 /	8.90595 (70, 1)	13.82282 (70, 1)	16.35738 (70, 1)	17.34534 (70, 1)	15.17959 (70, 1)
120.0 /	5.72877 (70, 1)	8.63215 (70, 1)	10.02396 (70, 1)	10.36095 (70, 1)	9.10760 (70, 1)
110.0 /	9.46027 (70, 1)	14.84355 (70, 1)	17.70654 (70, 1)	18.30150 (70, 1)	15.94093 (70, 1)
100.0 /	7.41958 (48, 1)	11.75674 (48, 1)	14.12004 (48, 1)	14.85357 (48, 1)	13.18445 (48, 1)
90.0 /	7.98640 (77, 1)	12.75132 (77, 1)	15.49059 (77, 1)	17.96495 (77, 1)	17.22158 (77, 1)
80.0 /	3.80226 (60, 1)	6.02448 (60, 1)	7.23631 (60, 1)	7.82040 (60, 1)	6.97032 (60, 1)
70.0 /	9.30598 (59, 1)	14.62551 (59, 1)	17.47904 (59, 1)	18.29780 (59, 1)	16.34558 (59, 1)
60.0 /	13.17139 (59, 1)	20.54438 (59, 1)	24.47264 (59, 1)	25.32239 (76, 1)	22.72500 (76, 1)
50.0 /	13.51909 (76, 1)	20.91576 (76, 1)	24.80604 (76, 1)	25.96384 (76, 1)	23.28808 (76, 1)
40.0 /	5.94687 (83, 1)	9.21908 (83, 1)	10.93411 (83, 1)	12.19109 (83, 1)	11.47098 (83, 1)
30.0 /	5.21011 (83, 1)	7.79280 (83, 1)	9.05364 (83, 1)	9.39839 (83, 1)	8.46286 (83, 1)
20.0 /	2.70997 (83, 1)	4.18492 (83, 1)	4.94764 (83, 1)	5.31621 (83, 1)	4.71285 (83, 1)
10.0 /	1.06081 (37, 1)	1.61984 (37, 1)	1.95765 (37, 1)	2.43587C(161, 1)	3.03261C(150, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 38.21982 AND OCCURRED AT (250.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	2.44103C(150, 1)	2.60640C(150, 1)	2.68636C(150, 1)	2.70168C(150, 1)
350.0 /	3.89095 (98, 1)	4.06567 (98, 1)	4.19912 (98, 1)	4.21806 (98, 1)
340.0 /	4.99619 (98, 1)	4.91614 (98, 1)	4.98093 (123, 1)	5.04416 (123, 1)
330.0 /	5.23535 (86, 1)	5.20651 (86, 1)	5.55787 (157, 1)	5.79583 (157, 1)
320.0 /	15.70702 (64, 1)	14.03688 (64, 1)	12.62533 (64, 1)	11.43121 (64, 1)
310.0 /	14.97295 (32, 1)	13.07815 (32, 1)	11.54910 (32, 1)	10.29804 (32, 1)
300.0 /	10.76927 (139, 1)	10.24431 (139, 1)	9.60553 (139, 1)	8.94134 (139, 1)
290.0 /	26.88102 (20, 1)	24.23820 (20, 1)	21.89649 (20, 1)	19.84141 (20, 1)
280.0 /	15.38328 (20, 1)	13.65816 (20, 1)	12.17040 (20, 1)	10.89354 (20, 1)
270.0 /	30.75388 (20, 1)	27.57012 (20, 1)	24.79141 (20, 1)	22.38315 (20, 1)
260.0 /	13.82922 (19, 1)	12.34299 (19, 1)	11.07990 (19, 1)	10.00748 (19, 1)
250.0 /	8.88818 (343, 1)	8.10553 (178, 1)	7.72228 (178, 1)	7.30009 (178, 1)
240.0 /	19.80379 (268, 1)	17.55049 (268, 1)	15.64958 (268, 1)	14.04729 (268, 1)
230.0 /	29.45867 (268, 1)	26.54715 (268, 1)	23.91290 (268, 1)	21.59108 (268, 1)
220.0 /	14.44245 (268, 1)	12.99455 (268, 1)	11.68216 (268, 1)	10.52753 (268, 1)
210.0 /	4.17373 (269, 1)	4.20002 (269, 1)	4.11407 (269, 1)	3.96690 (269, 1)
200.0 /	4.19561 (269, 1)	4.16048 (269, 1)	4.05346 (269, 1)	3.90606 (269, 1)
190.0 /	8.13679 (66, 1)	7.17063 (66, 1)	6.36050 (66, 1)	5.37673 (66, 1)
180.0 /	22.90836 (365, 1)	20.27287 (365, 1)	18.07829 (365, 1)	16.24474 (365, 1)
170.0 /	26.06773 (359, 1)	23.20003 (359, 1)	20.81374 (359, 1)	18.81863 (359, 1)
160.0 /	10.89944C(358, 1)	9.62121C(358, 1)	8.84163 (107, 1)	8.62481 (107, 1)
150.0 /	18.57203C(358, 1)	16.58464C(358, 1)	14.88194C(358, 1)	13.42826C(358, 1)
140.0 /	9.60521 (70, 1)	8.39132 (70, 1)	7.40902 (70, 1)	6.60431 (70, 1)
130.0 /	13.34412 (70, 1)	11.81374 (70, 1)	10.54031 (70, 1)	9.47594 (70, 1)
120.0 /	8.01198 (70, 1)	7.07594 (70, 1)	6.28285 (70, 1)	5.61149 (70, 1)
110.0 /	13.96147 (70, 1)	12.31256 (70, 1)	10.93769 (70, 1)	9.78578 (70, 1)
100.0 /	11.70435 (48, 1)	10.42498 (48, 1)	9.33084 (48, 1)	8.39739 (48, 1)
90.0 /	16.13051 (77, 1)	14.92298 (77, 1)	13.73072 (77, 1)	12.61497 (77, 1)
80.0 /	6.21366 (60, 1)	5.56288 (60, 1)	5.00943 (60, 1)	4.53920 (60, 1)
70.0 /	14.57199 (59, 1)	13.01526 (59, 1)	11.66958 (59, 1)	10.51246 (59, 1)
60.0 /	20.33222 (76, 1)	18.21234 (76, 1)	16.36677 (76, 1)	14.77078 (76, 1)
50.0 /	20.84256 (76, 1)	18.68324 (76, 1)	16.80514 (76, 1)	15.18046 (76, 1)
40.0 /	10.53847 (83, 1)	9.58027 (83, 1)	8.67972 (83, 1)	7.86634 (83, 1)
30.0 /	7.57340 (83, 1)	6.77079 (83, 1)	6.06439 (83, 1)	5.44949 (83, 1)
20.0 /	4.18285 (83, 1)	3.72992 (83, 1)	3.34607 (83, 1)	3.09377C(27, 1)
10.0 /	3.42990C(150, 1)	3.62438C(150, 1)	3.73289C(150, 1)	3.73968C(150, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 31.72253 AND OCCURRED AT (250.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.39778 (37, 1)	.59042 (37, 1)	1.01154 (237, 1)	1.63881C(150, 1)	2.13389C(150, 1)
350.0 /	.84172 (75, 1)	1.27379 (340, 1)	1.95603 (98, 1)	2.58685 (37, 1)	2.61703 (37, 1)
340.0 /	1.58181 (64, 1)	2.58016 (98, 1)	3.52722 (98, 1)	4.62070 (98, 1)	4.62532 (32, 1)
330.0 /	2.16501 (64, 1)	3.27132 (64, 1)	4.14312 (99, 1)	4.68949 (32, 1)	4.77182 (99, 1)
320.0 /	8.22976 (32, 1)	12.94588 (32, 1)	15.45580 (32, 1)	16.78433 (32, 1)	14.72467 (32, 1)
310.0 /	8.34346 (64, 1)	12.87688 (64, 1)	15.22626 (64, 1)	16.86151 (64, 1)	14.85546 (64, 1)
300.0 /	4.59306 (331, 1)	7.40487 (331, 1)	8.99993 (331, 1)	10.52990 (104, 1)	10.29570 (104, 1)
290.0 /	6.97230 (85, 1)	11.09372 (85, 1)	13.34274 (85, 1)	14.53313 (85, 1)	12.91780 (85, 1)
280.0 /	9.48119 (58, 1)	14.63494 (58, 1)	17.35766 (58, 1)	18.15189 (58, 1)	16.32571 (58, 1)
270.0 /	7.49011 (58, 1)	11.61915 (58, 1)	13.75066 (58, 1)	14.88543 (58, 1)	13.11856 (58, 1)
260.0 /	6.25816 (57, 1)	9.66074 (57, 1)	11.44720 (57, 1)	11.92173 (57, 1)	10.70395 (57, 1)
250.0 /	5.08585 (57, 1)	7.75540 (301, 1)	9.28501 (301, 1)	10.03578 (301, 1)	8.77149 (301, 1)
240.0 /	7.02445 (306, 1)	11.10863 (306, 1)	13.36442 (306, 1)	14.17913 (306, 1)	12.21010 (306, 1)
230.0 /	6.58981 (267, 1)	10.40441 (267, 1)	12.48467 (267, 1)	13.34054 (267, 1)	12.01017 (267, 1)
220.0 /	2.95832 (267, 1)	4.56831 (267, 1)	5.36428 (267, 1)	5.70183 (267, 1)	4.99636 (267, 1)
210.0 /	1.05472 (269, 1)	1.65412 (269, 1)	2.18835 (344, 1)	1.91980 (344, 1)	1.28261 (344, 1)
200.0 /	1.31570 (269, 1)	2.01713 (365, 1)	2.33969 (365, 1)	2.45608 (365, 1)	2.13931 (365, 1)
190.0 /	5.10905 (365, 1)	7.84767 (365, 1)	9.19216 (365, 1)	9.64478 (365, 1)	8.43343 (365, 1)
180.0 /	6.38306 (359, 1)	9.55222 (359, 1)	11.03651 (359, 1)	11.38243 (359, 1)	9.47732 (359, 1)
170.0 /	16.15387 (365, 1)	25.25091 (365, 1)	29.96399 (365, 1)	31.72253 (365, 1)	28.00801 (365, 1)
160.0 /	6.21655 (359, 1)	9.44732 (359, 1)	11.01020 (359, 1)	11.70307 (359, 1)	10.18599 (359, 1)
150.0 /	4.36472 (12, 1)	6.75503 (12, 1)	8.07537 (12, 1)	7.96392 (12, 1)	6.39639 (12, 1)
140.0 /	6.23884C(11, 1)	9.48929C(11, 1)	11.34128C(11, 1)	11.03766C(11, 1)	9.58752C(11, 1)
130.0 /	7.58152 (71, 1)	11.90556 (71, 1)	14.36075 (71, 1)	15.04878 (71, 1)	13.09578 (71, 1)
120.0 /	2.69472 (34, 1)	4.23073 (34, 1)	5.06164 (34, 1)	5.59774 (34, 1)	5.56831 (114, 1)
110.0 /	7.98155 (60, 1)	12.41878 (60, 1)	14.76459 (60, 1)	14.88674 (60, 1)	12.14938 (60, 1)
100.0 /	7.27116 (60, 1)	11.11616 (60, 1)	13.12335 (83, 1)	13.71865 (83, 1)	12.41720 (83, 1)
90.0 /	6.94032 (60, 1)	10.54018 (60, 1)	12.35143 (60, 1)	12.74510 (60, 1)	11.38644 (60, 1)
80.0 /	2.43021 (48, 1)	3.73634 (124, 1)	4.55426 (124, 1)	4.84360 (124, 1)	4.35815 (124, 1)
70.0 /	4.63322 (69, 1)	7.54431 (69, 1)	9.27286 (69, 1)	10.17978 (69, 1)	9.26960 (69, 1)
60.0 /	12.95682 (76, 1)	20.26752 (76, 1)	24.17741 (76, 1)	24.87675 (59, 1)	21.22043 (59, 1)
50.0 /	8.54911 (59, 1)	13.24747 (59, 1)	15.75632 (59, 1)	16.42991 (59, 1)	14.82222 (59, 1)
40.0 /	4.91415 (76, 1)	7.56043 (76, 1)	8.87325 (76, 1)	9.33731 (76, 1)	8.19574 (76, 1)
30.0 /	2.58503 (160, 1)	4.15765 (160, 1)	5.04623 (160, 1)	5.29421 (160, 1)	4.74191 (160, 1)
20.0 /	1.22620 (113, 1)	1.99393 (113, 1)	2.42633 (113, 1)	2.67577 (113, 1)	2.39895C(27, 1)
10.0 /	.83410 (76, 1)	1.25519 (76, 1)	1.54964C(161, 1)	2.35913C(150, 1)	2.91927C(161, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 31.72253 AND OCCURRED AT (250.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	2.25681 (98, 1)	2.44187 (98, 1)	2.56948 (98, 1)	2.62095 (98, 1)
350.0 /	2.84647 (123, 1)	2.94684 (123, 1)	3.05682 (123, 1)	3.07579 (123, 1)
340.0 /	4.58333 (123, 1)	4.75385 (123, 1)	4.81737 (98, 1)	4.64908 (98, 1)
330.0 /	4.83668 (136, 1)	5.19184 (136, 1)	5.39679 (136, 1)	5.45282 (136, 1)
320.0 /	12.98882 (32, 1)	11.54810 (32, 1)	10.35236 (32, 1)	9.35367 (32, 1)
310.0 /	13.15345 (64, 1)	11.73838 (64, 1)	10.56323 (64, 1)	9.58113 (64, 1)
300.0 /	10.00513 (104, 1)	9.62581 (104, 1)	9.18714 (104, 1)	8.72184 (104, 1)
290.0 /	11.49040 (85, 1)	10.27043 (85, 1)	9.40928 (140, 1)	9.02846 (140, 1)
280.0 /	14.64238 (58, 1)	13.14421 (58, 1)	11.83274 (58, 1)	10.69264 (58, 1)
270.0 /	11.59743 (58, 1)	10.31955 (58, 1)	9.25122 (58, 1)	8.35500 (58, 1)
260.0 /	9.58206 (57, 1)	8.58542 (57, 1)	7.71497 (57, 1)	6.96000 (57, 1)
250.0 /	8.38964 (178, 1)	7.93847 (343, 1)	7.13560 (343, 1)	6.45633 (343, 1)
240.0 /	10.65840 (306, 1)	9.41721 (306, 1)	8.40882 (306, 1)	7.57722 (306, 1)
230.0 /	10.81269 (267, 1)	9.76704 (267, 1)	8.86317 (267, 1)	8.08278 (267, 1)
220.0 /	4.38861 (267, 1)	3.87812 (267, 1)	3.45185 (267, 1)	3.09500 (267, 1)
210.0 /	1.48230 (318, 1)	1.73369 (318, 1)	2.03349 (318, 1)	2.25023 (318, 1)
200.0 /	2.09370 (300, 1)	2.37832 (300, 1)	2.55903 (300, 1)	2.66033 (300, 1)
190.0 /	7.38821 (365, 1)	6.50865 (365, 1)	5.77352 (365, 1)	5.15809 (365, 1)
180.0 /	8.02530 (359, 1)	6.90483 (359, 1)	6.02561 (359, 1)	5.32354 (359, 1)
170.0 /	24.74950 (365, 1)	21.97388 (365, 1)	19.63110 (365, 1)	17.65347 (365, 1)
160.0 /	8.91071 (359, 1)	8.91049 (107, 1)	8.55334C(358, 1)	7.65956C(358, 1)
150.0 /	5.33310 (12, 1)	4.68707 (84, 1)	4.23446 (84, 1)	4.22042C(207, 1)
140.0 /	8.57032C(11, 1)	7.77866C(11, 1)	7.15735C(11, 1)	6.28809C(11, 1)
130.0 /	11.59075 (71, 1)	10.36456 (71, 1)	9.34140 (71, 1)	8.47541 (71, 1)
120.0 /	5.49183 (114, 1)	5.22574 (114, 1)	4.88562 (114, 1)	4.53022 (114, 1)
110.0 /	10.18967 (60, 1)	9.31244 (114, 1)	8.56208 (114, 1)	7.84090 (114, 1)
100.0 /	11.20145 (83, 1)	10.10675 (83, 1)	9.13865 (83, 1)	8.28953 (83, 1)
90.0 /	10.15160 (60, 1)	9.06326 (60, 1)	8.11754 (60, 1)	7.30023 (60, 1)
80.0 /	3.93814 (77, 1)	3.80283 (77, 1)	3.62019 (77, 1)	3.41945 (77, 1)
70.0 /	8.43348 (69, 1)	7.69119 (69, 1)	7.04421 (69, 1)	6.48008 (69, 1)
60.0 /	18.32528 (59, 1)	15.99877 (59, 1)	14.10448 (59, 1)	12.54341 (59, 1)
50.0 /	13.32989 (59, 1)	11.99303 (59, 1)	10.81618 (59, 1)	9.78829 (59, 1)
40.0 /	7.20170 (76, 1)	6.35965 (76, 1)	5.65230 (76, 1)	5.05783 (76, 1)
30.0 /	4.24591 (160, 1)	3.80885 (160, 1)	3.42874 (160, 1)	3.09999 (160, 1)
20.0 /	2.72050C(27, 1)	2.92942C(27, 1)	3.04617C(27, 1)	3.02068 (83, 1)
10.0 /	3.09866C(161, 1)	3.09707C(161, 1)	2.99883C(161, 1)	2.85401C(161, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	38.21982	1	20	250.0	270.0	26	26.11723	1	359	150.0	170.0
2	36.56287	1	20	200.0	270.0	27	26.06773	1	359	350.0	170.0
3	35.24184	1	268	250.0	230.0	28	26.05768	1	365	300.0	180.0
4	34.33804	1	20	300.0	270.0	29	25.96384	1	76	250.0	50.0
5	33.52464	1	359	250.0	170.0	30	25.46180	1	268	250.0	240.0
6	32.90405	1	20	250.0	290.0	31	25.32239	1	76	250.0	60.0
7	32.49217	1	268	300.0	230.0	32	25.25091	1	365	150.0	170.0
8	31.79206	1	268	200.0	230.0	33	24.87675	1	59	250.0	60.0
9	31.72253	1	365	250.0	170.0	34	24.80604	1	76	200.0	50.0
10	31.68903	1	20	200.0	290.0	35	24.79141	1	20	450.0	270.0
11	30.99995	1	359	200.0	170.0	36	24.74950	1	365	350.0	170.0
12	30.75388	1	20	350.0	270.0	37	24.47264	1	59	200.0	60.0
13	30.70261	1	20	150.0	270.0	38	24.23820	1	20	400.0	290.0
14	29.96399	1	365	200.0	170.0	39	24.17741	1	76	200.0	60.0
15	29.80313	1	20	300.0	290.0	40	23.97186	1	268	200.0	240.0
16	29.73106	1	365	250.0	180.0	41	23.91290	1	268	450.0	230.0
17	29.50259	1	359	300.0	170.0	42	23.64511	1	365	150.0	180.0
18	29.45867	1	268	350.0	230.0	43	23.39158C	1	358	250.0	150.0
19	28.00801	1	365	300.0	170.0	44	23.28808	1	76	300.0	50.0
20	27.88760	1	365	200.0	180.0	45	23.20003	1	359	400.0	170.0
21	27.57012	1	20	400.0	270.0	46	22.90836	1	365	350.0	180.0
22	26.88102	1	20	350.0	290.0	47	22.72500	1	76	300.0	60.0
23	26.65310	1	20	150.0	290.0	48	22.44766	1	268	300.0	240.0
24	26.56789	1	268	150.0	230.0	49	22.38315	1	20	500.0	270.0
25	26.54715	1	268	400.0	230.0	50	22.02092C	1	358	200.0	150.0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 738.52480 AND OCCURRED AT (300.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00487 (27, 9)	2.37454 (237,11)	17.85362 (237,11)	48.48044 (237,11)	84.75857 (237,11)
350.0 /	.05862 (32,22)	2.35870 (99,13)	14.68502 (99,13)	41.39826 (99,13)	73.80214 (99,13)
340.0 /	2.18837 (43,24)	12.10487 (98,12)	55.94312 (98,12)	110.29580 (98,12)	153.93240 (98,12)
330.0 /	2.18839 (43,24)	19.27234 (98,12)	89.09811 (98,12)	176.81730 (98,12)	248.80560 (98,12)
320.0 /	2.41092 (64,14)	14.49220 (64,14)	54.38027 (139,14)	100.27630 (139,14)	132.93370 (139,14)
310.0 /	8.03250 (290, 4)	32.56635 (139,14)	138.01300 (139,14)	258.04150 (98,11)	348.32380 (98,11)
300.0 /	35.86897 (20,15)	84.09572 (20,15)	126.50430 (20,16)	166.20380 (20,16)	167.48410 (20,16)
290.0 /	145.60650 (20,15)	368.89480 (20,15)	570.87000 (20,15)	725.98360 (20,15)	738.52480 (20,15)
280.0 /	41.39159 (20, 9)	146.41050 (20, 9)	253.02270 (20, 9)	376.16350 (20, 9)	407.62530 (20, 9)
270.0 /	66.70246 (20,11)	208.07240 (20,11)	345.82840 (20,11)	481.19030 (20,11)	505.81430 (20,11)
260.0 /	41.22706 (57,23)	124.55110 (57,23)	202.41410 (57,23)	276.93240 (57,23)	286.45870 (57,23)
250.0 /	41.22710 (57,23)	124.55130 (57,23)	202.41430 (57,23)	276.93280 (57,23)	286.45900 (57,23)
240.0 /	6.57808 (268,11)	29.23284 (268,11)	51.80149 (268,11)	84.04544 (268,11)	121.33600 (181,13)
230.0 /	10.55066 (268,11)	56.70393 (268,13)	215.72840 (268,13)	371.43980 (268,13)	470.47190 (268,13)
220.0 /	1.80321 (267,21)	30.24926 (268,12)	120.38520 (268,12)	213.59420 (268,12)	276.16820 (268,12)
210.0 /	.03663 (268,13)	6.06803 (269,12)	37.00207 (269,12)	88.20970 (269,12)	141.20880 (269,12)
200.0 /	1.10794 (66,22)	3.71436 (365,16)	11.30141 (269,12)	26.55490 (269,12)	41.70642 (269,12)
190.0 /	73.55794 (66,22)	250.24520 (66,22)	426.91170 (66,22)	512.54410 (66,22)	459.17100 (66,22)
180.0 /	2.31960 (66,23)	11.83593 (66,23)	22.12885 (66,23)	42.61929 (66,23)	67.67931 (101,11)
170.0 /	9.85871 (365, 5)	39.73839 (365, 5)	71.91270 (365, 5)	124.98390 (365, 5)	146.12090 (365, 5)
160.0 /	3.33404 (358,24)	13.06407 (358,24)	33.75788 (107,12)	81.20819 (107,12)	130.86860 (107,12)
150.0 /	8.60343 (358,24)	35.06518 (358,24)	63.29776 (358,24)	109.81570 (358,24)	128.12040 (358,24)
140.0 /	103.17610 (11,24)	313.46470 (11,24)	517.74970 (11,24)	608.24540 (11,24)	545.97610 (11,24)
130.0 /	3.65219 (11,24)	14.90322 (70,18)	27.87948 (70,18)	53.68831 (70,18)	66.37949 (70,18)
120.0 /	15.99626 (70,15)	58.17313 (70,15)	99.70786 (70,15)	151.56660 (70,15)	167.91110 (114,11)
110.0 /	17.32788 (244,14)	58.17324 (70,15)	132.21730 (114,14)	247.22630 (114,14)	333.33100 (114,14)
100.0 /	63.44331 (83,16)	206.20580 (83,16)	346.01510 (83,16)	485.05420 (83,16)	512.56180 (83,16)
90.0 /	54.07625 (44,19)	154.88090 (60,10)	254.77790 (60,10)	351.79220 (60,10)	366.91980 (60,10)
80.0 /	86.21672 (44,19)	232.32790 (44,19)	365.32480 (44,19)	474.53600 (44,19)	483.67670 (44,19)
70.0 /	29.90624 (59,14)	100.85840 (59,14)	168.64160 (59,14)	239.50600 (59,14)	252.32070 (59,14)
60.0 /	29.90617 (59,14)	103.43420 (76,15)	184.44980 (76,15)	289.12000 (76,15)	321.89060 (76,15)
50.0 /	79.94708 (76,16)	243.23380 (76,16)	400.44490 (76,16)	546.87700 (76,16)	571.53470 (76,16)
40.0 /	87.55583 (83,11)	219.34920 (83,11)	333.94040 (83,11)	419.62020 (83,11)	421.47950 (83,11)
30.0 /	87.55595 (83,11)	219.34960 (83,11)	333.94090 (83,11)	419.62110 (83,11)	421.48030 (83,11)
20.0 /	6.84103 (83,10)	29.36336 (83,10)	51.72674 (83,10)	83.53357 (83,10)	93.36023 (83,10)
10.0 /	.03011 (83,10)	6.13127 (161,10)	37.27154 (161,10)	88.64448 (161,10)	141.64710 (161,10)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 738.52480 AND OCCURRED AT (300.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	118.44510 (237,11)	145.83550 (237,11)	166.25080 (237,11)	180.38500 (237,11)
350.0 /	104.09900 (99,13)	128.62280 (99,13)	156.19790 (99,13)	176.31560 (99,13)
340.0 /	181.97100 (98,12)	196.82890 (98,12)	202.29130 (98,12)	201.57950 (98,12)
330.0 /	296.63760 (98,12)	323.54660 (98,12)	335.20540 (98,12)	336.59610 (98,12)
320.0 /	150.89390 (139,14)	157.92210 (139,14)	163.73320 (174,12)	184.33490 (174,12)
310.0 /	402.73860 (98,11)	429.10680 (98,11)	436.48230 (98,11)	431.88650 (98,11)
300.0 /	190.41000 (182,14)	223.04420 (182,14)	244.54430 (182,14)	257.14400 (182,14)
290.0 /	723.73320 (20,15)	693.91300 (20,15)	656.93970 (20,15)	617.51340 (20,15)
280.0 /	418.05400 (20, 9)	415.65170 (20, 9)	405.87520 (20, 9)	392.12270 (20, 9)
270.0 /	506.78600 (20,11)	506.56180 (211,12)	505.89380 (211,12)	493.05980 (211,12)
260.0 /	282.99590 (57,23)	272.53460 (57,23)	258.74980 (57,23)	255.13640 (57,22)
250.0 /	282.99640 (57,23)	272.53490 (57,23)	258.75010 (57,23)	243.75140 (57,23)
240.0 /	158.09360 (181,13)	184.47710 (181,13)	201.52610 (181,13)	211.18570 (181,13)
230.0 /	517.74150 (268,13)	530.41250 (268,13)	522.62350 (268,13)	503.68350 (268,13)
220.0 /	308.32150 (268,12)	319.10690 (268,12)	316.72000 (268,12)	306.83360 (268,12)
210.0 /	185.20260 (269,12)	217.38530 (269,12)	238.73760 (269,12)	251.38960 (269,12)
200.0 /	53.60649 (269,12)	63.48850 (101,13)	85.67828 (101,13)	104.97530 (101,13)
190.0 /	411.18090 (66,22)	369.40850 (66,22)	333.53670 (66,22)	302.84410 (66,22)
180.0 /	94.99043 (101,11)	117.31070 (101,11)	134.01800 (101,11)	145.63120 (101,11)
170.0 /	159.05260 (365, 5)	166.08790 (365, 5)	169.06460 (365, 5)	169.30240 (365, 5)
160.0 /	172.52010 (107,12)	203.32270 (107,12)	224.03410 (107,12)	236.55790 (107,12)
150.0 /	139.14860 (358,24)	144.97770 (358,24)	147.25160 (358,24)	156.56340 (206,12)
140.0 /	489.63820 (11,24)	440.17370 (11,24)	397.35160 (11,24)	360.46480 (11,24)
130.0 /	89.44569 (110,12)	110.74200 (110,12)	134.55620 (110,12)	152.14570 (110,12)
120.0 /	208.57500 (114,11)	234.71870 (114,11)	249.21930 (114,11)	255.24520 (114,11)
110.0 /	384.96650 (114,14)	409.73490 (114,14)	416.36410 (114,14)	411.59930 (114,14)
100.0 /	515.36940 (83,16)	503.83780 (83,16)	484.68650 (83,16)	461.97500 (83,16)
90.0 /	376.65660 (76,13)	401.51640 (76,13)	408.54050 (76,13)	404.30630 (76,13)
80.0 /	473.51030 (44,19)	453.01650 (44,19)	427.79490 (44,19)	401.09470 (44,19)
70.0 /	252.56650 (59,14)	245.71190 (59,14)	235.21440 (59,14)	223.11810 (59,14)
60.0 /	336.76300 (76,15)	340.08290 (76,15)	336.32010 (76,15)	328.38620 (76,15)
50.0 /	570.15270 (76,16)	553.95510 (76,16)	530.14550 (76,16)	503.03400 (76,16)
40.0 /	416.09530 (83,13)	433.98820 (83,13)	433.83640 (83,13)	423.09640 (83,13)
30.0 /	408.25360 (83,11)	387.22230 (83,11)	362.90050 (83,11)	337.88960 (83,11)
20.0 /	97.66380 (83,10)	98.41167 (83,10)	96.99189 (83,10)	99.65224 (150,14)
10.0 /	185.50630 (161,10)	217.47910 (161,10)	238.59710 (161,10)	251.02060 (161,10)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 495.32810 AND OCCURRED AT (300.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00256 (314, 8)	1.68086 (150,15)	12.59152 (150,15)	33.93735 (150,15)	58.84904 (150,15)
350.0 /	.01578 (43,24)	1.84363 (123,11)	11.57055 (123,11)	32.56194 (123,11)	58.00696 (123,11)
340.0 /	.25053 (32,22)	11.75486 (43,24)	22.13539 (43,24)	42.89837 (43,24)	72.23951 (123,11)
330.0 /	1.49734 (64,14)	11.75497 (43,24)	35.67185 (86,12)	85.27234 (86,12)	136.77380 (86,12)
320.0 /	.39464 (47,13)	12.84375 (139,14)	42.86319 (98,11)	78.88890 (98,11)	104.26720 (98,11)
310.0 /	3.47905 (32,14)	32.46935 (98,11)	137.84710 (98,11)	257.95940 (139,14)	347.77510 (139,14)
300.0 /	28.85928 (20,16)	80.90293 (20,16)	122.49420 (20,15)	148.90560 (20,15)	153.37540 (139,11)
290.0 /	73.58195 (20,16)	216.69440 (20,16)	352.67210 (20,16)	477.40340 (20,16)	495.32810 (20,16)
280.0 /	40.21586 (58,10)	142.75960 (58,10)	246.70420 (58,10)	366.77120 (58,10)	397.36960 (58,10)
270.0 /	45.82211 (20,13)	150.66850 (20,13)	253.51580 (20,13)	361.65700 (20,13)	432.99130 (211,12)
260.0 /	16.99469 (57,22)	70.17937 (57,22)	126.38840 (57,22)	207.54880 (57,22)	236.16120 (57,22)
250.0 /	31.29319 (306, 1)	92.12926 (306, 1)	144.48160 (306, 1)	192.27620 (75,21)	218.59800 (75,21)
240.0 /	3.76795 (75,21)	17.40180 (268,10)	41.77606 (268,13)	76.35882 (181,13)	94.23853 (268,11)
230.0 /	7.50782 (267,21)	47.87511 (268,11)	151.65410 (268,12)	269.99400 (268,12)	350.57490 (268,12)
220.0 /	1.10966 (268, 1)	28.36579 (268,13)	107.85030 (268,13)	183.78920 (268,13)	229.81530 (268,13)
210.0 /	.02484 (268,12)	2.13049 (268,12)	8.63278 (187,12)	18.97949 (187,12)	28.84100 (187,12)
200.0 /	.69263 (365,16)	2.99080 (66,22)	7.08328 (365,16)	15.40699 (365,16)	28.07273 (101,13)
190.0 /	2.31961 (66,23)	11.83599 (66,23)	22.12899 (66,23)	42.61961 (66,23)	53.06260 (101,11)
180.0 /	1.41929 (365, 7)	7.30308 (365, 7)	14.20455 (365, 7)	38.46205 (101,11)	52.63129 (66,23)
170.0 /	1.74098 (365, 4)	8.90325 (365, 4)	17.43109 (365, 4)	38.72340 (365, 4)	52.14509 (365, 4)
160.0 /	2.37259 (365, 5)	9.01337 (365, 5)	22.65086 (358,24)	38.07144 (358,24)	43.15982 (358,24)
150.0 /	4.54423 (358,23)	21.62759 (358,23)	40.90126 (358,23)	79.43488 (358,23)	99.00132 (358,23)
140.0 /	4.59929 (70, 3)	22.12887 (70, 3)	41.95027 (70, 3)	81.64104 (70, 3)	101.91060 (70, 3)
130.0 /	3.07918 (70,18)	9.19964 (11,24)	17.36856 (71,10)	39.05839 (71,10)	63.20654 (110,12)
120.0 /	7.63084 (70,16)	29.77326 (70,16)	65.87024 (114,14)	121.92680 (114,14)	164.43030 (70,15)
110.0 /	15.99629 (70,15)	55.89115 (244,14)	99.70803 (70,15)	151.56690 (70,15)	164.43060 (70,15)
100.0 /	44.31136 (244,14)	149.83670 (244,14)	253.65830 (244,14)	363.58760 (244,14)	386.75090 (244,14)
90.0 /	50.02942 (60,10)	142.08080 (44,19)	218.98020 (44,19)	280.22400 (44,19)	325.51040 (76,13)
80.0 /	48.58649 (48,14)	154.06080 (48,14)	254.84560 (48,14)	353.41780 (48,14)	369.74940 (48,14)
70.0 /	17.22698 (27,20)	60.16364 (27,20)	100.89660 (27,20)	146.65380 (27,20)	155.33360 (27,20)
60.0 /	25.45395 (76,15)	100.85810 (59,14)	170.70990 (76,18)	265.86660 (76,18)	294.51520 (76,18)
50.0 /	38.72387 (59,13)	144.99530 (59,13)	253.47430 (59,13)	380.24510 (59,13)	414.64040 (59,13)
40.0 /	8.97308 (76,23)	39.60539 (83,13)	158.40600 (83,13)	283.40550 (83,13)	369.62730 (83,13)
30.0 /	10.97135 (83,10)	48.08553 (83,10)	86.41666 (83,10)	141.73290 (83,10)	160.69390 (83,10)
20.0 /	.70064 (83,11)	2.87663 (160,11)	14.47796 (161,10)	34.03843 (161,10)	53.56880 (161,10)
10.0 /	.00841 (161,10)	2.13226 (150,15)	15.96013 (150,15)	43.12507 (150,15)	75.04609 (150,15)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 495.32810 AND OCCURRED AT (300.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	81.57742 (150,15)	99.67207 (150,15)	112.80170 (150,15)	164.55390 (232,14)
350.0 /	81.63644 (123,11)	100.57230 (123,11)	121.33610 (123,11)	158.23730 (243,12)
340.0 /	101.81690 (123,11)	125.71080 (123,11)	152.48520 (123,11)	172.01470 (123,11)
330.0 /	179.64810 (86,12)	211.10490 (86,12)	232.04980 (86,12)	244.52680 (86,12)
320.0 /	117.95770 (98,11)	138.89630 (105,13)	163.73300 (157,13)	184.33480 (157,13)
310.0 /	401.68280 (139,14)	427.60250 (139,14)	434.62060 (139,14)	429.75830 (139,14)
300.0 /	189.88720 (139,11)	213.80140 (120,13)	234.82140 (120,13)	247.27730 (120,13)
290.0 /	491.32940 (20,16)	475.16760 (20,16)	452.98470 (20,16)	428.39090 (20,16)
280.0 /	407.41570 (58,10)	404.93470 (58,10)	395.26490 (58,10)	381.72810 (58,10)
270.0 /	486.38070 (211,12)	494.23710 (20,11)	474.63490 (20,11)	451.84280 (20,11)
260.0 /	251.47890 (57,22)	257.80210 (57,22)	258.30450 (57,22)	243.75100 (57,23)
250.0 /	232.52580 (75,21)	238.09240 (75,21)	238.26890 (75,21)	237.99090 (130,14)
240.0 /	107.43460 (194,13)	132.37570 (194,13)	160.28240 (194,13)	180.49560 (194,13)
230.0 /	393.10740 (268,12)	408.60190 (268,12)	407.21160 (268,12)	396.04330 (268,12)
220.0 /	249.57250 (268,13)	252.38870 (268,13)	245.61340 (268,13)	233.93140 (268,13)
210.0 /	36.00028 (187,12)	40.31650 (187,12)	83.44794 (162,11)	142.83140 (162,11)
200.0 /	45.99466 (101,13)	61.67249 (269,12)	66.42607 (269,12)	77.55807 (269,10)
190.0 /	74.19214 (101,11)	91.27528 (101,11)	103.88520 (101,11)	112.48060 (101,11)
180.0 /	59.51062 (66,23)	63.88416 (66,23)	78.85380 (81,13)	96.91118 (81,13)
170.0 /	63.15715 (365, 4)	71.74902 (365, 4)	92.25372 (240,13)	112.07670 (240,13)
160.0 /	66.04546 (107,11)	87.19468 (107,11)	105.01430 (107,11)	156.56330 (206,12)
150.0 /	113.09630 (358,23)	122.69300 (358,23)	128.83770 (358,23)	151.23230 (272,12)
140.0 /	116.55660 (70, 3)	135.33220 (167,13)	163.94920 (167,13)	184.66110 (167,13)
130.0 /	79.94556 (227,14)	98.67033 (227,14)	119.27070 (227,14)	139.90610 (241,12)
120.0 /	185.05940 (114,14)	194.47580 (114,14)	195.22340 (114,14)	190.75540 (114,14)
110.0 /	169.12470 (48,16)	182.99310 (114,11)	193.53380 (114,11)	197.46720 (114,11)
100.0 /	390.62410 (244,14)	383.23090 (244,14)	369.76310 (244,14)	353.36040 (244,14)
90.0 /	365.02160 (60,10)	353.66130 (60,10)	337.57870 (60,10)	335.62080 (114,12)
80.0 /	368.59910 (48,14)	357.63900 (48,14)	341.71860 (48,14)	323.70130 (48,14)
70.0 /	169.12460 (59,17)	182.99290 (80,12)	193.53360 (80,12)	197.46700 (80,12)
60.0 /	306.96160 (76,18)	309.06810 (76,18)	304.90720 (76,18)	297.10610 (76,18)
50.0 /	427.00070 (59,13)	425.72580 (59,13)	416.50670 (59,13)	402.92940 (59,13)
40.0 /	408.25270 (83,11)	387.22160 (83,11)	362.89990 (83,11)	337.88880 (83,11)
30.0 /	170.26470 (83,10)	173.56660 (83,10)	172.88630 (83,10)	169.75900 (83,10)
20.0 /	69.03420 (161,10)	79.64799 (161,10)	86.03704 (161,10)	94.30817 (83,10)
10.0 /	104.42880 (150,15)	128.08290 (150,15)	145.49970 (150,15)	157.35980 (150,15)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	738.52480	15	20	300.0	290.0	26	503.83780	16	83	400.0	100.0
2	725.98360	15	20	250.0	290.0	27	503.68350	13	268	500.0	230.0
3	723.73320	15	20	350.0	290.0	28	503.03400	16	76	500.0	50.0
4	693.91300	15	20	400.0	290.0	29	495.32810	16	20	300.0	290.0
5	656.93970	15	20	450.0	290.0	30	494.23710	11	20	400.0	270.0
6	617.51340	15	20	500.0	290.0	31	493.05980	12	211	500.0	270.0
7	608.24540	24	11	250.0	140.0	32	491.32940	16	20	350.0	290.0
8	571.53470	16	76	300.0	50.0	33	489.63820	24	11	350.0	140.0
9	570.87000	15	20	200.0	290.0	34	486.38070	12	211	350.0	270.0
10	570.15270	16	76	350.0	50.0	35	485.05420	16	83	250.0	100.0
11	553.95510	16	76	400.0	50.0	36	484.68650	16	83	450.0	100.0
12	546.87700	16	76	250.0	50.0	37	483.67670	19	44	300.0	80.0
13	545.97610	24	11	300.0	140.0	38	481.19030	11	20	250.0	270.0
14	530.41250	13	268	400.0	230.0	39	477.40340	16	20	250.0	290.0
15	530.14550	16	76	450.0	50.0	40	475.16760	16	20	400.0	290.0
16	522.62350	13	268	450.0	230.0	41	474.63490	11	20	450.0	270.0
17	517.74970	24	11	200.0	140.0	42	474.53600	19	44	250.0	80.0
18	517.74150	13	268	350.0	230.0	43	473.51030	19	44	350.0	80.0
19	515.36940	16	83	350.0	100.0	44	470.47190	13	268	300.0	230.0
20	512.56180	16	83	300.0	100.0	45	461.97500	16	83	500.0	100.0
21	512.54410	22	66	250.0	190.0	46	459.17100	22	66	300.0	190.0
22	506.78600	11	20	350.0	270.0	47	453.01650	19	44	400.0	80.0
23	506.56180	12	211	400.0	270.0	48	452.98470	16	20	450.0	290.0
24	505.89380	12	211	450.0	270.0	49	451.84280	11	20	500.0	270.0
25	505.81430	11	20	300.0	270.0	50	440.17370	24	11	400.0	140.0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 309.05410 AND OCCURRED AT (400.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00177 (27, 3)	.79151 (237, 4)	5.95121 (237, 4)	16.16015 (237, 4)	28.25286 (237, 4)
350.0 /	.01954 (32, 8)	.80206 (99, 5)	5.12762 (99, 5)	14.73241 (99, 5)	26.69783 (99, 5)
340.0 /	.72946 (43, 8)	4.03507 (98, 4)	18.64801 (98, 4)	36.76580 (98, 4)	51.31140 (98, 4)
330.0 /	.72946 (43, 8)	6.61208 (98, 4)	30.25073 (98, 4)	60.16198 (98, 4)	84.54153 (98, 4)
320.0 /	.93879 (64, 5)	6.11628 (64, 5)	20.49582 (98, 4)	40.00142 (98, 4)	54.56367 (98, 4)
310.0 /	2.67750 (290, 2)	10.99963 (139, 5)	47.09674 (139, 5)	88.90442 (139, 5)	120.90510 (139, 5)
300.0 /	12.07589 (20, 5)	30.04024 (20, 6)	47.31738 (20, 6)	63.69160 (20, 6)	64.92574 (20, 6)
290.0 /	49.87029 (20, 5)	130.24340 (20, 5)	204.32010 (20, 5)	274.84970 (20, 6)	299.43400 (20, 6)
280.0 /	14.72397 (20, 3)	53.37936 (20, 3)	92.72790 (20, 3)	141.13370 (20, 3)	155.05590 (20, 3)
270.0 /	28.66909 (20, 4)	93.60046 (20, 4)	157.36400 (20, 4)	225.01910 (20, 4)	239.32350 (20, 4)
260.0 /	19.45057 (57, 8)	65.26049 (57, 8)	110.32770 (57, 8)	163.48360 (57, 8)	177.24000 (57, 8)
250.0 /	14.13417 (57, 8)	43.26048 (57, 8)	70.55260 (57, 8)	98.49245 (57, 8)	103.63820 (57, 8)
240.0 /	3.33963 (268, 4)	17.04120 (268, 4)	33.81756 (268, 4)	56.88737 (268, 4)	66.01669 (268, 4)
230.0 /	5.46295 (268, 4)	38.15997 (268, 4)	97.12506 (268, 4)	169.14650 (268, 4)	208.47570 (268, 4)
220.0 /	.60984 (267, 7)	10.34627 (268, 4)	40.52842 (268, 4)	71.78594 (268, 4)	92.65219 (268, 4)
210.0 /	.01221 (268, 5)	2.03783 (269, 4)	12.51811 (269, 4)	30.17080 (269, 4)	48.79641 (269, 4)
200.0 /	.37489 (66, 8)	1.25043 (365, 6)	4.56026 (269, 4)	12.15127 (269, 4)	21.44545 (269, 4)
190.0 /	25.29252 (66, 8)	87.36040 (66, 8)	149.68030 (66, 8)	185.05460 (66, 8)	170.60090 (66, 8)
180.0 /	1.14251 (66, 8)	4.94223 (66, 8)	8.78753 (66, 8)	16.02710 (365, 3)	23.40961 (101, 4)
170.0 /	3.96691 (365, 2)	16.81819 (365, 2)	31.01762 (365, 2)	57.89520 (365, 2)	71.10282 (365, 2)
160.0 /	1.61850 (358, 8)	6.95792 (358, 8)	14.68173 (107, 4)	37.70058 (107, 4)	63.22672 (107, 4)
150.0 /	4.38455 (358, 8)	18.90722 (358, 8)	34.74813 (358, 8)	63.11141 (358, 8)	75.73953 (358, 8)
140.0 /	34.39203 (11, 8)	104.48820 (11, 8)	172.58320 (11, 8)	202.74850 (11, 8)	181.99210 (11, 8)
130.0 /	1.21740 (11, 8)	5.00210 (70, 6)	9.75372 (71, 4)	21.96692 (71, 4)	29.87789 (71, 4)
120.0 /	5.33230 (70, 5)	19.39317 (70, 5)	33.24010 (70, 5)	50.53688 (70, 5)	55.98442 (114, 4)
110.0 /	5.77596 (244, 5)	19.51342 (70, 5)	49.19244 (114, 5)	93.21552 (114, 5)	126.83600 (114, 5)
100.0 /	33.58298 (83, 6)	110.87620 (83, 6)	186.40220 (83, 6)	264.09110 (83, 6)	280.25550 (83, 6)
90.0 /	26.48043 (60, 4)	86.72272 (60, 4)	145.02650 (60, 4)	207.38560 (60, 4)	220.05850 (60, 4)
80.0 /	28.73891 (44, 7)	77.44265 (44, 7)	121.77490 (44, 7)	158.17870 (44, 7)	161.22560 (44, 7)
70.0 /	9.97829 (59, 5)	33.75186 (59, 5)	56.53123 (59, 5)	81.24016 (59, 5)	86.54269 (59, 5)
60.0 /	14.70069 (76, 6)	50.61665 (76, 6)	85.49400 (76, 6)	133.63420 (76, 5)	149.27120 (76, 5)
50.0 /	28.63231 (76, 6)	88.39855 (76, 6)	145.68530 (76, 6)	200.55500 (76, 6)	209.98500 (76, 6)
40.0 /	29.24180 (83, 4)	73.40268 (83, 4)	111.84280 (83, 4)	141.43530 (83, 4)	142.89740 (83, 4)
30.0 /	32.84263 (83, 4)	89.14713 (83, 4)	140.12330 (83, 4)	187.13260 (83, 4)	194.08070 (83, 4)
20.0 /	2.51389 (83, 4)	10.23545 (83, 4)	17.79540 (83, 4)	28.43951 (83, 4)	31.63336 (83, 4)
10.0 /	.01004 (83, 4)	2.04376 (161, 4)	12.42385 (161, 4)	29.54816 (161, 4)	47.21571 (161, 4)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 309.05410 AND OCCURRED AT (400.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	39.48172 (237, 4)	48.61184 (237, 4)	55.41694 (237, 4)	60.12834 (237, 4)
350.0 /	38.18549 (99, 5)	47.74155 (99, 5)	62.34297 (98, 5)	75.45686 (98, 5)
340.0 /	60.65759 (98, 4)	66.35735 (123, 4)	86.62567 (123, 4)	105.89500 (123, 4)
330.0 /	100.78820 (98, 4)	109.95080 (98, 4)	113.94890 (98, 4)	114.46670 (98, 4)
320.0 /	63.81513 (98, 4)	68.85303 (98, 4)	76.58736 (144, 5)	105.35760 (144, 5)
310.0 /	140.67230 (139, 5)	150.65970 (139, 5)	153.89690 (139, 5)	152.79790 (139, 5)
300.0 /	81.38416 (182, 5)	97.10601 (182, 5)	109.46950 (182, 5)	118.03480 (182, 5)
290.0 /	308.99360 (20, 6)	309.05410 (20, 6)	303.44190 (20, 6)	294.61630 (20, 6)
280.0 /	160.82840 (20, 3)	172.62010 (211, 4)	182.81690 (211, 4)	187.30310 (211, 4)
270.0 /	241.89940 (20, 4)	237.58970 (20, 4)	229.53690 (20, 4)	219.64960 (20, 4)
260.0 /	182.15360 (57, 8)	181.59510 (57, 8)	177.83410 (57, 8)	172.29950 (57, 8)
250.0 /	104.18990 (57, 8)	102.10720 (57, 8)	111.78700 (178, 5)	121.33510 (178, 5)
240.0 /	70.33062 (268, 4)	71.45760 (268, 4)	70.64071 (268, 4)	70.39539 (181, 5)
230.0 /	229.63520 (268, 4)	237.95510 (268, 4)	238.11240 (268, 4)	233.37990 (268, 4)
220.0 /	103.34400 (268, 4)	106.89770 (268, 4)	106.05570 (268, 4)	102.71410 (268, 4)
210.0 /	64.63422 (269, 4)	76.55115 (269, 4)	84.75201 (269, 4)	89.88953 (269, 4)
200.0 /	30.74283 (269, 4)	39.02227 (269, 4)	45.89931 (269, 4)	51.33729 (269, 4)
190.0 /	156.89730 (66, 8)	144.43100 (66, 8)	133.30820 (66, 8)	123.46100 (66, 8)
180.0 /	33.09214 (101, 4)	41.11037 (101, 4)	47.19337 (101, 4)	51.48603 (101, 4)
170.0 /	80.65469 (365, 2)	87.22768 (365, 2)	91.51007 (365, 2)	94.07333 (365, 2)
160.0 /	86.49344 (107, 4)	105.33330 (107, 4)	119.44910 (107, 4)	129.35570 (107, 4)
150.0 /	84.11572 (358, 8)	89.25765 (358, 8)	92.06280 (358, 8)	93.21625 (358, 8)
140.0 /	163.21270 (11, 8)	146.72460 (11, 8)	132.45050 (11, 8)	120.15500 (11, 8)
130.0 /	36.50356 (71, 4)	44.55975 (110, 4)	57.22095 (110, 4)	68.78636 (110, 4)
120.0 /	69.54664 (114, 4)	78.26926 (114, 4)	83.11060 (114, 4)	88.59225 (110, 5)
110.0 /	147.41450 (114, 5)	157.58960 (114, 5)	160.62560 (114, 5)	159.11480 (114, 5)
100.0 /	283.16470 (83, 6)	278.25580 (83, 6)	269.12600 (83, 6)	257.94530 (83, 6)
90.0 /	221.90190 (60, 4)	217.43900 (60, 4)	209.58820 (60, 4)	200.11180 (60, 4)
80.0 /	157.83680 (44, 7)	151.00550 (44, 7)	142.59830 (44, 7)	133.69820 (44, 7)
70.0 /	89.74941 (59, 6)	96.80681 (59, 6)	101.12560 (59, 6)	103.43240 (59, 6)
60.0 /	156.47380 (76, 5)	158.20380 (76, 5)	156.56120 (76, 5)	152.92040 (76, 5)
50.0 /	209.71510 (76, 6)	203.91370 (76, 6)	195.25960 (76, 6)	185.35460 (76, 6)
40.0 /	141.98760 (83, 5)	149.15530 (83, 5)	150.25420 (83, 5)	147.72270 (83, 5)
30.0 /	192.87110 (83, 4)	186.96890 (83, 4)	178.64090 (83, 4)	169.26580 (83, 4)
20.0 /	32.98933 (83, 4)	33.16930 (83, 4)	32.63732 (83, 4)	38.01416 (150, 5)
10.0 /	61.83543 (161, 4)	72.49304 (161, 4)	79.53237 (161, 4)	85.67101 (150, 5)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 281.49790 AND OCCURRED AT (350.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00085C(314, 3)	.59196 (150, 5)	4.54170 (150, 5)	12.64105 (150, 5)	22.52858 (150, 5)
350.0 /	.00526 (43, 8)	.67786 (123, 4)	4.52819 (123, 4)	13.46391 (123, 4)	25.09660 (123, 4)
340.0 /	.08354 (32, 8)	3.91829 (43, 8)	7.37846 (43, 8)	18.14225 (123, 4)	34.24146 (123, 4)
330.0 /	.50718 (64, 5)	3.91832 (43, 8)	11.90039 (86, 4)	28.49244 (86, 4)	45.74553 (86, 4)
320.0 /	.13155 (47, 5)	5.13712 (98, 4)	18.13907 (139, 5)	33.45679 (139, 5)	44.36126 (139, 5)
310.0 /	1.16420 (32, 5)	10.87166 (98, 4)	46.06605 (98, 4)	86.30184 (98, 4)	116.48950 (98, 4)
300.0 /	10.35962 (20, 6)	28.63222 (20, 5)	41.87825 (20, 5)	51.54081 (20, 5)	61.52439 (139, 4)
290.0 /	32.87278 (20, 6)	109.40430 (20, 6)	185.62340 (20, 6)	269.70910 (20, 5)	281.13700 (20, 5)
280.0 /	13.40603 (58, 4)	47.59535 (58, 4)	82.25371 (58, 4)	122.33970 (58, 4)	132.60400 (58, 4)
270.0 /	15.27435 (20, 5)	50.22338 (20, 5)	84.50582 (20, 5)	122.88010 (211, 4)	161.86880 (211, 4)
260.0 /	9.41865 (20, 4)	30.48240 (20, 4)	49.75474 (20, 4)	70.78484 (20, 4)	74.00111 (20, 4)
250.0 /	10.43106 (306, 1)	30.70975 (306, 1)	48.16052 (306, 1)	64.09209 (75, 7)	72.86605 (75, 7)
240.0 /	1.25598 (75, 7)	4.92074 (75, 7)	13.96799 (268, 5)	25.45300 (181, 5)	40.44545 (181, 5)
230.0 /	2.51690 (267, 7)	19.04713 (268, 5)	72.26626 (268, 5)	125.46520 (268, 5)	159.78120 (268, 5)
220.0 /	.36990 (268, 1)	9.46818 (268, 5)	35.98143 (268, 5)	61.44455 (268, 5)	76.98776 (268, 5)
210.0 /	.00828 (268, 4)	.71017 (268, 4)	2.87759 (187, 4)	6.32650 (187, 4)	9.61367 (187, 4)
200.0 /	.23290 (365, 6)	1.02057 (66, 8)	2.38276 (365, 6)	5.19066 (365, 6)	9.44228 (101, 5)
190.0 /	.47662 (365, 6)	2.73257 (365, 6)	5.41800 (365, 6)	12.77249 (365, 6)	19.16771 (101, 4)
180.0 /	.71295 (365, 3)	3.70589 (365, 3)	7.16277 (365, 3)	15.69439 (66, 8)	21.64491 (365, 3)
170.0 /	.57426 (365, 3)	3.07461 (365, 3)	6.03777 (365, 3)	13.93684 (365, 3)	19.24013 (365, 3)
160.0 /	.82381 (365, 2)	3.15840 (365, 2)	12.40708 (358, 8)	22.74490 (358, 8)	27.33509 (358, 8)
150.0 /	1.18615 (324, 7)	6.55757 (324, 7)	12.63044 (324, 7)	24.93419 (324, 7)	31.41265 (324, 7)
140.0 /	1.53310 (70, 1)	7.37629 (70, 1)	13.98342 (70, 1)	27.21368 (70, 1)	33.97021 (70, 1)
130.0 /	1.03763 (70, 6)	4.93747 (71, 4)	9.34047 (70, 6)	17.95922 (70, 6)	23.39021 (110, 4)
120.0 /	3.20809 (70, 6)	13.10114 (70, 6)	23.01359 (70, 6)	40.81042 (114, 5)	54.83310 (70, 5)
110.0 /	5.34372 (70, 5)	19.15738 (70, 6)	34.52866 (70, 6)	59.61575 (70, 6)	70.11827 (70, 6)
100.0 /	17.38035 (60, 4)	57.48691 (60, 4)	95.61594 (60, 4)	139.75990 (60, 4)	150.02060 (60, 4)
90.0 /	18.02542 (44, 7)	47.36026 (44, 7)	72.99341 (44, 7)	93.40800 (44, 7)	108.50350 (76, 5)
80.0 /	16.20717 (48, 5)	51.43100 (48, 5)	85.08541 (48, 5)	118.08570 (48, 5)	123.60070 (48, 5)
70.0 /	5.74233 (27, 7)	20.05455 (27, 7)	33.77617 (59, 6)	63.94110 (59, 6)	79.07508 (59, 6)
60.0 /	11.44270 (76, 5)	47.32202 (76, 5)	84.36037 (76, 5)	125.95260 (76, 6)	135.51290 (76, 6)
50.0 /	13.43553 (59, 4)	50.38304 (59, 4)	87.74380 (59, 4)	131.91460 (59, 4)	143.82170 (59, 4)
40.0 /	2.99164 (76, 8)	13.31806 (83, 5)	53.08010 (83, 5)	95.69377 (83, 5)	125.32560 (83, 5)
30.0 /	1.15968 (160, 4)	6.98838 (160, 4)	13.65770 (160, 4)	27.29897 (160, 4)	34.70000 (160, 4)
20.0 /	.17081 (160, 4)	.95888 (160, 4)	4.82599 (161, 4)	11.34614 (161, 4)	17.85627 (161, 4)
10.0 /	.00280 (161, 4)	.82010 (150, 5)	6.43834 (150, 5)	18.66802 (150, 5)	34.34214 (150, 5)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 281.49790 AND OCCURRED AT (350.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	31.89690 (150, 5)	39.61050 (150, 5)	45.86662 (150, 5)	54.85131 (232, 5)
350.0 /	36.81947 (123, 4)	47.55243 (123, 4)	61.11657 (123, 4)	74.16228 (123, 4)
340.0 /	50.82893 (123, 4)	65.61016 (98, 4)	67.43092 (98, 4)	75.77323 (156, 5)
330.0 /	60.17248 (86, 4)	70.82021 (86, 4)	77.97511 (86, 4)	99.44580 (157, 5)
320.0 /	50.36132 (139, 5)	57.32021 (105, 5)	72.52705 (157, 5)	95.28012 (157, 5)
310.0 /	134.70920 (98, 4)	143.55290 (98, 4)	146.04420 (98, 4)	144.52880 (98, 4)
300.0 /	78.65919 (139, 4)	90.77422 (139, 4)	98.50870 (139, 4)	110.61820 (200, 4)
290.0 /	281.49790 (20, 5)	275.20490 (20, 5)	265.24950 (20, 5)	253.51620 (20, 5)
280.0 /	154.56530 (211, 4)	161.43550 (20, 3)	158.93410 (20, 3)	154.64490 (20, 3)
270.0 /	183.71820 (211, 4)	192.90100 (211, 4)	193.87930 (211, 4)	189.91060 (211, 4)
260.0 /	73.59129 (20, 4)	83.04314 (188, 4)	100.22550 (188, 4)	112.65440 (188, 4)
250.0 /	79.64198 (178, 5)	98.04671 (178, 5)	104.66380 (130, 5)	115.07180 (130, 5)
240.0 /	52.69801 (181, 5)	61.49252 (181, 5)	67.17551 (181, 5)	68.70219 (268, 4)
230.0 /	177.31970 (268, 5)	183.44170 (268, 5)	182.71830 (268, 5)	178.16370 (268, 5)
220.0 /	83.88454 (268, 5)	85.19254 (268, 5)	83.32916 (268, 5)	79.83010 (268, 5)
210.0 /	12.00009 (187, 4)	16.48904 (318, 4)	27.81785 (162, 4)	47.61565 (162, 4)
200.0 /	15.49096 (101, 5)	21.40525 (101, 5)	28.88210 (101, 5)	35.38519 (101, 5)
190.0 /	27.61039 (101, 4)	34.96567 (101, 4)	40.90049 (101, 4)	45.42815 (101, 4)
180.0 /	26.23284 (365, 3)	29.77769 (365, 3)	32.40499 (365, 3)	34.27348 (365, 3)
170.0 /	23.73912 (365, 3)	27.35325 (365, 3)	31.59796 (107, 5)	38.94377 (107, 5)
160.0 /	30.35381 (358, 8)	32.19716 (107, 5)	43.95438 (107, 5)	54.77429 (107, 5)
150.0 /	42.21537 (207, 5)	56.00758 (207, 5)	69.90950 (207, 5)	81.25841 (207, 5)
140.0 /	38.85223 (70, 1)	45.63487 (167, 5)	56.44447 (167, 5)	67.05973 (236, 5)
130.0 /	34.49832 (110, 4)	41.77928 (71, 4)	45.84547 (71, 4)	48.89172 (71, 4)
120.0 /	61.94414 (114, 5)	65.08918 (114, 5)	78.46690 (110, 5)	85.12634 (114, 4)
110.0 /	76.84534 (70, 6)	80.78400 (70, 6)	82.75195 (70, 6)	83.35235 (70, 6)
100.0 /	152.87020 (60, 4)	151.25140 (60, 4)	147.10750 (60, 4)	141.63970 (60, 4)
90.0 /	125.55220 (76, 5)	133.83880 (76, 5)	136.18020 (76, 5)	138.65220 (77, 5)
80.0 /	123.26180 (48, 5)	119.63170 (48, 5)	114.33280 (48, 5)	108.32440 (48, 5)
70.0 /	87.98804 (59, 5)	87.10953 (59, 5)	88.91708 (80, 4)	90.08007 (80, 4)
60.0 /	138.15330 (76, 6)	136.63890 (76, 6)	132.79260 (76, 6)	127.73670 (76, 6)
50.0 /	148.18660 (59, 4)	147.91190 (59, 4)	144.95150 (59, 4)	140.52280 (59, 4)
40.0 /	139.57490 (83, 4)	133.66690 (83, 4)	126.60710 (83, 4)	119.22320 (83, 4)
30.0 /	40.13217 (160, 4)	43.88884 (160, 4)	46.33525 (160, 4)	47.79420 (160, 4)
20.0 /	23.01140 (161, 4)	26.54933 (161, 4)	31.96227 (150, 5)	31.69398 (83, 4)
10.0 /	49.88702 (150, 5)	63.27394 (150, 5)	75.87620 (150, 5)	83.67354 (161, 4)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X	Y(METERS)	RANK	CON.	PER.	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	309.05410	6	20	400.0	290.0	26	229.53690	4	20	450.0	270.0
2	308.99360	6	20	350.0	290.0	27	225.01910	4	20	250.0	270.0
3	303.44190	6	20	450.0	290.0	28	221.90190	4	60	350.0	90.0
4	299.43400	6	20	300.0	290.0	29	220.05850	4	60	300.0	90.0
5	294.61630	6	20	500.0	290.0	30	219.64960	4	20	500.0	270.0
6	283.16470	6	83	350.0	100.0	31	217.43900	4	60	400.0	90.0
7	281.49790	5	20	350.0	290.0	32	209.98500	6	76	300.0	50.0
8	281.13700	5	20	300.0	290.0	33	209.71510	6	76	350.0	50.0
9	280.25550	6	83	300.0	100.0	34	209.58820	4	60	450.0	90.0
10	278.25580	6	83	400.0	100.0	35	208.47570	4	268	300.0	230.0
11	275.20490	5	20	400.0	290.0	36	207.38560	4	60	250.0	90.0
12	274.84970	6	20	250.0	290.0	37	204.32010	5	20	200.0	290.0
13	269.70910	5	20	250.0	290.0	38	203.91370	6	76	400.0	50.0
14	269.12600	6	83	450.0	100.0	39	202.74850	8	11	250.0	140.0
15	265.24950	5	20	450.0	290.0	40	200.55500	6	76	250.0	50.0
16	264.09110	6	83	250.0	100.0	41	200.11180	4	60	500.0	90.0
17	257.94530	6	83	500.0	100.0	42	195.25960	6	76	450.0	50.0
18	253.51620	5	20	500.0	290.0	43	194.08070	4	83	300.0	30.0
19	241.89940	4	20	350.0	270.0	44	193.87930	4	211	450.0	270.0
20	239.32350	4	20	300.0	270.0	45	192.90100	4	211	400.0	270.0
21	238.11240	4	268	450.0	230.0	46	192.87110	4	83	350.0	30.0
22	237.95510	4	268	400.0	230.0	47	189.91060	4	211	500.0	270.0
23	237.58970	4	20	400.0	270.0	48	187.30310	4	211	500.0	280.0
24	233.37990	4	268	500.0	230.0	49	187.13260	4	83	250.0	30.0
25	229.63520	4	268	350.0	230.0	50	186.96890	4	83	400.0	30.0

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 83.73325 AND OCCURRED AT (350.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00024C(27, 1)	.09894 (237, 1)	.74390 (237, 1)	2.02002 (237, 1)	3.53162 (237, 1)
350.0 /	.00244 (32, 1)	.10028 (99, 1)	.64209 (99, 1)	1.86925 (123, 1)	3.54723 (123, 1)
340.0 /	.09118 (43, 1)	.52521 (98, 1)	2.55554 (98, 1)	5.48640 (98, 1)	8.40407 (98, 1)
330.0 /	.09118 (43, 1)	.83319 (98, 1)	3.85419 (98, 1)	7.80456 (98, 1)	11.19539 (98, 1)
320.0 /	.11742 (64, 1)	.76613 (64, 1)	2.56979 (98, 1)	5.03272 (98, 1)	6.89910 (98, 1)
310.0 /	.44625C(290, 1)	1.79522 (139, 1)	8.19724 (139, 1)	16.38764 (139, 1)	23.39562 (139, 1)
300.0 /	2.81186 (20, 1)	7.35422 (20, 1)	11.17710 (20, 1)	14.43875 (20, 1)	16.34063 (139, 1)
290.0 /	11.46116 (20, 1)	33.77146 (20, 1)	55.11865 (20, 1)	77.33403 (20, 1)	82.40265 (20, 1)
280.0 /	4.10412 (20, 1)	13.96530 (20, 1)	23.48640 (20, 1)	34.78185 (20, 1)	37.51173 (20, 1)
270.0 /	6.57421 (20, 1)	22.69485 (20, 1)	38.78339 (20, 1)	58.22371 (20, 1)	63.75068 (20, 1)
260.0 /	2.43132 (57, 1)	8.15759 (57, 1)	13.79105 (57, 1)	20.43678 (57, 1)	22.15994 (57, 1)
250.0 /	1.76717 (57, 1)	5.41268 (57, 1)	8.83080 (57, 1)	12.36700 (57, 1)	13.05806 (57, 1)
240.0 /	.53608 (268, 1)	3.36541 (268, 1)	7.54725 (268, 1)	13.70510 (268, 1)	16.96072 (268, 1)
230.0 /	.88385 (268, 1)	8.03844 (268, 1)	22.91225 (268, 1)	40.50842 (268, 1)	50.91150 (268, 1)
220.0 /	.10414 (268, 1)	2.80773 (268, 1)	10.20476 (268, 1)	18.13851 (268, 1)	23.26633 (268, 1)
210.0 /	.00275 (268, 1)	.25554 (269, 1)	1.58415 (269, 1)	3.87660 (269, 1)	6.39089 (269, 1)
200.0 /	.04686 (66, 1)	.15652 (365, 1)	.58350 (269, 1)	1.59222 (269, 1)	2.88298 (269, 1)
190.0 /	3.16156 (66, 1)	10.92005 (66, 1)	18.71003 (66, 1)	23.13182 (66, 1)	21.32511 (66, 1)
180.0 /	.14281 (66, 1)	.69900 (365, 1)	1.34968 (365, 1)	3.27539 (365, 1)	4.63449 (365, 1)
170.0 /	.57251 (365, 1)	2.52631 (365, 1)	4.72089 (365, 1)	9.35552 (365, 1)	11.93316 (365, 1)
160.0 /	.21836C(358, 1)	.95908C(358, 1)	1.99167 (107, 1)	5.39306 (107, 1)	9.54095 (107, 1)
150.0 /	.63908C(358, 1)	2.87932C(358, 1)	5.36975C(358, 1)	10.26608C(358, 1)	12.76086C(358, 1)
140.0 /	5.73201C(11, 1)	17.41567C(11, 1)	28.77684C(11, 1)	33.87307C(11, 1)	30.58232C(11, 1)
130.0 /	.20290C(11, 1)	.90282 (70, 1)	1.70919 (70, 1)	3.62504 (70, 1)	4.80183 (70, 1)
120.0 /	1.06916 (70, 1)	4.07164 (70, 1)	7.05027 (70, 1)	11.17400 (70, 1)	13.79279 (114, 1)
110.0 /	1.23906 (70, 1)	4.83430 (70, 1)	8.50737 (70, 1)	15.64191 (114, 1)	21.77203 (114, 1)
100.0 /	4.20477 (83, 1)	13.87930 (83, 1)	23.32771 (83, 1)	33.04609 (83, 1)	35.06480 (83, 1)
90.0 /	3.31360 (60, 1)	10.86619 (60, 1)	18.18019 (60, 1)	26.09528 (60, 1)	27.78021 (60, 1)
80.0 /	3.59236 (44, 1)	9.68033 (44, 1)	15.22187 (44, 1)	19.77234 (44, 1)	20.15320 (44, 1)
70.0 /	1.70083 (59, 1)	6.58911 (59, 1)	11.52262 (59, 1)	18.50368 (59, 1)	21.07816 (59, 1)
60.0 /	3.33846 (76, 1)	12.54302 (76, 1)	21.76847 (76, 1)	33.64242 (76, 1)	37.29324 (76, 1)
50.0 /	5.32026 (76, 1)	17.61187 (76, 1)	29.69603 (76, 1)	43.14546 (76, 1)	46.60413 (76, 1)
40.0 /	3.67689 (83, 1)	10.84009 (83, 1)	20.61537 (83, 1)	29.64114 (83, 1)	33.52788 (83, 1)
30.0 /	4.10911 (83, 1)	11.39828 (83, 1)	18.52389 (83, 1)	25.17749 (83, 1)	26.53480 (83, 1)
20.0 /	.31428 (83, 1)	1.28179 (83, 1)	2.23375 (83, 1)	3.57306 (83, 1)	3.98501 (83, 1)
10.0 /	.00126 (83, 1)	.30656C(161, 1)	1.86367C(161, 1)	4.43705C(161, 1)	7.10932C(161, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 83.73325 AND OCCURRED AT (350.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	4.93528 (237, 1)	6.07670 (237, 1)	6.92767 (237, 1)	7.70837C(150, 1)
350.0 /	5.26752 (123, 1)	7.14002 (98, 1)	9.37404 (98, 1)	11.33331 (98, 1)
340.0 /	10.87521 (98, 1)	12.78637 (98, 1)	14.56335 (98, 1)	17.52239 (123, 1)
330.0 /	13.61903 (98, 1)	15.13690 (98, 1)	16.06369 (98, 1)	18.57353 (157, 1)
320.0 /	8.10713 (98, 1)	9.78838 (96, 1)	12.16558 (96, 1)	16.44510C(144, 1)
310.0 /	28.38314 (139, 1)	31.51763 (139, 1)	33.22712 (139, 1)	33.92028 (139, 1)
300.0 /	20.78602 (139, 1)	23.98755 (139, 1)	26.09755 (139, 1)	27.34528 (139, 1)
290.0 /	83.73325 (20, 1)	82.77596 (20, 1)	80.51283 (20, 1)	77.56193 (20, 1)
280.0 /	38.35880 (20, 1)	38.06245 (20, 1)	37.11404 (20, 1)	38.41763 (211, 1)
270.0 /	66.13190 (20, 1)	66.49832 (20, 1)	65.64765 (20, 1)	64.09070 (20, 1)
260.0 /	22.78225 (57, 1)	22.72543 (57, 1)	22.27276 (57, 1)	21.60186 (57, 1)
250.0 /	13.19521 (57, 1)	15.92851 (130, 1)	18.87317 (130, 1)	21.17186 (130, 1)
240.0 /	19.00852 (268, 1)	20.18537 (268, 1)	20.78270 (268, 1)	21.00300 (268, 1)
230.0 /	56.74016 (268, 1)	59.33213 (268, 1)	59.87281 (268, 1)	59.17934 (268, 1)
220.0 /	26.04498 (268, 1)	27.17822 (268, 1)	27.30063 (268, 1)	26.84003 (268, 1)
210.0 /	8.64386 (269, 1)	10.45715 (269, 1)	11.81961 (269, 1)	12.78606 (269, 1)
200.0 /	4.23278 (269, 1)	5.48719 (269, 1)	6.57232 (269, 1)	7.46540 (269, 1)
190.0 /	19.61216 (66, 1)	18.05388 (66, 1)	16.66353 (66, 1)	15.43263 (66, 1)
180.0 /	5.97456 (365, 1)	7.18590 (365, 1)	8.24952 (365, 1)	9.16464 (365, 1)
170.0 /	14.04776 (365, 1)	15.70247 (365, 1)	16.96730 (365, 1)	17.91215 (365, 1)
160.0 /	13.69479 (107, 1)	17.39619 (107, 1)	20.70484 (107, 1)	23.36671 (107, 1)
150.0 /	14.66879C(358, 1)	16.06270C(358, 1)	17.05089C(358, 1)	17.72555C(358, 1)
140.0 /	27.72328C(11, 1)	25.32362C(11, 1)	23.45052C(11, 1)	21.98727C(11, 1)
130.0 /	6.00650 (110, 1)	7.65203 (110, 1)	9.60826 (110, 1)	11.33710 (110, 1)
120.0 /	16.44309 (114, 1)	17.93489 (114, 1)	18.58298 (114, 1)	18.66396 (114, 1)
110.0 /	25.78779 (114, 1)	28.01882 (114, 1)	28.97255 (114, 1)	29.07828 (114, 1)
100.0 /	35.42688 (83, 1)	34.81330 (83, 1)	33.67426 (83, 1)	32.28101 (83, 1)
90.0 /	28.13696 (60, 1)	29.68877 (77, 1)	31.85454 (77, 1)	33.04219 (77, 1)
80.0 /	19.72960 (44, 1)	18.87569 (44, 1)	17.82479 (44, 1)	16.71229 (44, 1)
70.0 /	22.59118 (59, 1)	23.34973 (59, 1)	23.60148 (59, 1)	23.51896 (59, 1)
60.0 /	39.04596 (76, 1)	39.56472 (76, 1)	39.32177 (76, 1)	38.62185 (76, 1)
50.0 /	47.86587 (76, 1)	47.75445 (76, 1)	46.84090 (76, 1)	45.48396 (76, 1)
40.0 /	35.19533 (83, 1)	35.35279 (83, 1)	34.60769 (83, 1)	33.36829 (83, 1)
30.0 /	26.62267 (83, 1)	25.95534 (83, 1)	24.88717 (83, 1)	23.63647 (83, 1)
20.0 /	4.17688 (83, 1)	4.23417 (83, 1)	4.31164C(161, 1)	5.24845C(27, 1)
10.0 /	9.30694C(161, 1)	10.91207C(161, 1)	11.97954C(161, 1)	12.62445C(161, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 36.52553 AND OCCURRED AT (350.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00013C(314, 1)	.07731C(150, 1)	.59684C(150, 1)	1.68449C(150, 1)	3.06589C(150, 1)
350.0 /	.00066 (43, 1)	.09901C(156, 1)	.61393 (123, 1)	1.85089 (99, 1)	3.37460 (99, 1)
340.0 /	.01044 (32, 1)	.48979 (43, 1)	.92231 (43, 1)	2.80458 (123, 1)	5.45626 (123, 1)
330.0 /	.06340 (64, 1)	.48979 (43, 1)	1.57787 (86, 1)	3.93044 (86, 1)	6.56813 (86, 1)
320.0 /	.02002 (32, 1)	.64281 (98, 1)	2.48778 (139, 1)	4.68917 (139, 1)	6.33600 (139, 1)
310.0 /	.17997 (32, 1)	1.76148C(290, 1)	5.75852 (98, 1)	10.79389 (98, 1)	14.59279 (98, 1)
300.0 /	.06865C(290, 1)	1.10155 (139, 1)	4.89543 (139, 1)	10.81631 (139, 1)	14.46638 (20, 1)
290.0 /	1.07473 (58, 1)	3.68109 (58, 1)	6.15508 (58, 1)	8.94212 (58, 1)	13.76393 (140, 1)
280.0 /	3.27173 (58, 1)	11.95854 (58, 1)	20.73709 (58, 1)	31.46201 (58, 1)	34.39259 (58, 1)
270.0 /	.42917 (58, 1)	2.15490 (211, 1)	8.94551 (211, 1)	16.64621 (211, 1)	22.54725 (211, 1)
260.0 /	1.42921 (20, 1)	4.81894 (20, 1)	7.93942 (20, 1)	11.69337 (20, 1)	12.47257 (20, 1)
250.0 /	1.30538 (306, 1)	3.84925 (306, 1)	6.03907 (306, 1)	8.01151 (75, 1)	9.10826 (75, 1)
240.0 /	.15700 (75, 1)	.65361 (267, 1)	1.72380 (181, 1)	4.19641 (181, 1)	6.80567 (181, 1)
230.0 /	.37776 (267, 1)	1.99462 (267, 1)	3.76391 (267, 1)	7.02462 (267, 1)	8.64796 (267, 1)
220.0 /	.07653 (267, 1)	.37978 (267, 1)	1.37243 (187, 1)	3.04939 (187, 1)	4.66522 (187, 1)
210.0 /	.00038 (269, 1)	.13914 (268, 1)	.54070 (268, 1)	.91193 (268, 1)	1.20171 (187, 1)
200.0 /	.02917 (365, 1)	.12757 (66, 1)	.29817 (365, 1)	.69844 (101, 1)	1.55208 (101, 1)
190.0 /	.08260 (365, 1)	.45699 (365, 1)	.89281 (365, 1)	2.06361 (365, 1)	3.32686 (101, 1)
180.0 /	.13348 (365, 1)	.61778 (66, 1)	1.09844 (66, 1)	1.96180 (66, 1)	3.30516 (101, 1)
170.0 /	.03792 (320, 1)	.26082 (320, 1)	.54264 (107, 1)	1.59456 (107, 1)	3.03071 (107, 1)
160.0 /	.10450 (365, 1)	.40309 (365, 1)	1.72573C(358, 1)	3.32322C(358, 1)	4.15083C(358, 1)
150.0 /	.15472C(324, 1)	.85533C(324, 1)	1.64745C(324, 1)	3.25229C(324, 1)	4.09730C(324, 1)
140.0 /	.20507 (70, 1)	1.00398 (70, 1)	1.91151 (70, 1)	3.84418 (70, 1)	4.91920 (106, 1)
130.0 /	.18056 (70, 1)	.62028 (71, 1)	1.24759 (71, 1)	2.88348 (71, 1)	4.12726 (110, 1)
120.0 /	.07795 (48, 1)	1.06905 (114, 1)	4.94297 (114, 1)	9.80441 (114, 1)	12.40972 (70, 1)
110.0 /	.72200 (244, 1)	2.37846 (48, 1)	8.00966 (114, 1)	13.92326 (70, 1)	15.88043 (70, 1)
100.0 /	2.26235 (60, 1)	7.68229 (60, 1)	12.89246 (60, 1)	19.33688 (60, 1)	21.10413 (60, 1)
90.0 /	2.25318 (44, 1)	6.73944 (83, 1)	11.25437 (83, 1)	16.14422 (83, 1)	21.18739 (77, 1)
80.0 /	2.02633 (48, 1)	6.43146 (48, 1)	10.63996 (48, 1)	14.76902 (48, 1)	15.46010 (48, 1)
70.0 /	.78304C(27, 1)	2.73471C(27, 1)	4.58621C(27, 1)	6.67065 (76, 1)	8.19299 (80, 1)
60.0 /	2.26312 (59, 1)	8.71819 (59, 1)	15.16135 (59, 1)	23.74385 (59, 1)	26.50381 (59, 1)
50.0 /	3.30559 (59, 1)	12.38302 (59, 1)	21.59727 (59, 1)	32.46290 (59, 1)	35.42105 (59, 1)
40.0 /	.55022 (76, 1)	1.88933 (76, 1)	3.10577 (76, 1)	4.82303 (76, 1)	5.38496 (76, 1)
30.0 /	.14496 (160, 1)	.87355 (160, 1)	1.70911 (160, 1)	3.42200 (160, 1)	4.36186 (160, 1)
20.0 /	.02135 (160, 1)	.11986 (160, 1)	.72390C(161, 1)	1.70222C(161, 1)	2.68024C(161, 1)
10.0 /	.00042C(161, 1)	.10705C(150, 1)	.84350C(150, 1)	2.46473C(150, 1)	4.58551C(150, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 36.52553 AND OCCURRED AT (350.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	4.45621C(150, 1)	5.69902C(150, 1)	6.79829C(150, 1)	7.51725 (237, 1)
350.0 /	5.18492 (98, 1)	6.84959 (123, 1)	8.81911 (123, 1)	10.69788 (123, 1)
340.0 /	8.26795 (123, 1)	10.92280 (123, 1)	14.34474 (123, 1)	15.90442 (98, 1)
330.0 /	8.97680 (86, 1)	10.95058 (86, 1)	13.24302 (136, 1)	16.51363 (98, 1)
320.0 /	7.70172 (96, 1)	8.79145 (98, 1)	11.24955C(144, 1)	14.90784 (157, 1)
310.0 /	16.88106 (98, 1)	18.00082 (98, 1)	18.33002 (98, 1)	20.16694 (96, 1)
300.0 /	13.93632 (20, 1)	13.45163 (104, 1)	16.03716 (104, 1)	21.81478C(200, 1)
290.0 /	18.40304 (140, 1)	22.06140 (140, 1)	24.75275 (140, 1)	26.61772 (140, 1)
280.0 /	35.51580 (58, 1)	35.52036 (58, 1)	36.43323 (211, 1)	35.81742 (20, 1)
270.0 /	26.31646 (211, 1)	28.48380 (211, 1)	29.72119 (211, 1)	30.48126 (211, 1)
260.0 /	12.62675 (20, 1)	13.25892 (131, 1)	16.52335 (131, 1)	19.13276 (131, 1)
250.0 /	12.62580 (130, 1)	13.50580 (178, 1)	16.66518 (194, 1)	19.18779 (194, 1)
240.0 /	9.00089 (181, 1)	10.62689 (181, 1)	12.17185 (194, 1)	13.90816 (194, 1)
230.0 /	9.89705 (267, 1)	10.83124 (267, 1)	11.52344 (267, 1)	12.02774 (267, 1)
220.0 /	5.90595 (187, 1)	6.73042 (187, 1)	7.55115 (187, 1)	8.02966 (187, 1)
210.0 /	1.50001 (187, 1)	2.16574 (318, 1)	3.57012 (162, 1)	6.20895 (162, 1)
200.0 /	2.57940 (101, 1)	3.62014 (101, 1)	4.85703 (101, 1)	5.95358 (101, 1)
190.0 /	5.03319 (101, 1)	6.62350 (101, 1)	8.15525 (101, 1)	9.45772 (101, 1)
180.0 /	4.83271 (101, 1)	6.20383 (101, 1)	7.39387 (101, 1)	8.43331 (101, 1)
170.0 /	4.57368 (107, 1)	6.01939 (107, 1)	7.50306 (107, 1)	8.75572 (107, 1)
160.0 /	4.84839C(358, 1)	5.41305C(358, 1)	5.86599C(358, 1)	6.52347 (206, 1)
150.0 /	5.83255C(207, 1)	7.95177C(207, 1)	10.42905C(207, 1)	12.93747C(207, 1)
140.0 /	7.16291 (106, 1)	9.09111 (106, 1)	11.00839 (106, 1)	12.45867 (106, 1)
130.0 /	5.80986 (70, 1)	6.63090 (70, 1)	7.28413 (70, 1)	7.87722C(227, 1)
120.0 /	12.96266 (70, 1)	13.07999 (70, 1)	12.93332 (70, 1)	14.65006 (110, 1)
110.0 /	17.03462 (70, 1)	17.62597 (70, 1)	17.84285 (70, 1)	17.81371 (70, 1)
100.0 /	21.82529 (60, 1)	23.79867 (114, 1)	24.91692 (114, 1)	25.27083 (114, 1)
90.0 /	26.22539 (77, 1)	27.70580 (60, 1)	26.84379 (60, 1)	25.76701 (60, 1)
80.0 /	15.41866 (48, 1)	14.96523 (48, 1)	14.30281 (48, 1)	13.55146 (48, 1)
70.0 /	9.71740 (80, 1)	10.64511 (80, 1)	11.11463 (80, 1)	11.26001 (80, 1)
60.0 /	27.88342 (59, 1)	28.34698 (59, 1)	28.23632 (59, 1)	27.77640 (59, 1)
50.0 /	36.52553 (59, 1)	36.48141 (59, 1)	35.76871 (59, 1)	34.69028 (59, 1)
40.0 /	5.74916 (76, 1)	5.96784 (76, 1)	6.08928 (76, 1)	6.68584C(225, 1)
30.0 /	5.04362 (160, 1)	5.51652 (160, 1)	5.82634 (160, 1)	6.01353 (160, 1)
20.0 /	3.45314C(161, 1)	3.98555C(161, 1)	4.24439C(27, 1)	5.04041C(150, 1)
10.0 /	6.75270C(150, 1)	8.69434C(150, 1)	10.57118C(150, 1)	12.09946C(150, 1)

*** DER Key West 360 deg Downwash Scenario for 1983 b70

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER.	DAY	X Y(METERS)		RANK	CON.	PER.	DAY	X Y(METERS)	
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	83.73325	1	20	350.0	290.0	26	39.56472	1	76	400.0	60.0
2	82.77596	1	20	400.0	290.0	27	39.32177	1	76	450.0	60.0
3	82.40265	1	20	300.0	290.0	28	39.04596	1	76	350.0	60.0
4	80.51283	1	20	450.0	290.0	29	38.78339	1	20	200.0	270.0
5	77.56193	1	20	500.0	290.0	30	38.62185	1	76	500.0	60.0
6	77.33403	1	20	250.0	290.0	31	38.41763	1	211	500.0	280.0
7	66.49832	1	20	400.0	270.0	32	38.35880	1	20	350.0	280.0
8	66.13190	1	20	350.0	270.0	33	38.06245	1	20	400.0	280.0
9	65.64765	1	20	450.0	270.0	34	37.51173	1	20	300.0	280.0
10	64.09070	1	20	500.0	270.0	35	37.29324	1	76	300.0	60.0
11	63.75068	1	20	300.0	270.0	36	37.11404	1	20	450.0	280.0
12	59.87281	1	268	450.0	230.0	37	36.52553	1	59	350.0	50.0
13	59.33213	1	268	400.0	230.0	38	36.48141	1	59	400.0	50.0
14	59.17934	1	268	500.0	230.0	39	36.43323	1	211	450.0	280.0
15	58.22371	1	20	250.0	270.0	40	35.81742	1	20	500.0	280.0
16	56.74016	1	268	350.0	230.0	41	35.76871	1	59	450.0	50.0
17	55.11865	1	20	200.0	290.0	42	35.52036	1	58	400.0	280.0
18	50.91150	1	268	300.0	230.0	43	35.51580	1	58	350.0	280.0
19	47.86587	1	76	350.0	50.0	44	35.42688	1	83	350.0	100.0
20	47.75445	1	76	400.0	50.0	45	35.42105	1	59	300.0	50.0
21	46.84090	1	76	450.0	50.0	46	35.35279	1	83	400.0	40.0
22	46.60413	1	76	300.0	50.0	47	35.19533	1	83	350.0	40.0
23	45.48396	1	76	500.0	50.0	48	35.06480	1	83	300.0	100.0
24	43.14546	1	76	250.0	50.0	49	34.87083	1	58	450.0	280.0
25	40.50842	1	268	250.0	230.0	50	34.81330	1	83	400.0	100.0

RUN ENDED ON 09-13-88 AT 00:02:40

ISCST (DATED 88207)

AN AIR QUALITY DISPERSION MODEL IN

SECTION 1. GUIDELINE MODELS

IN UNAMAP (VERSION 6) JUNE 88.

SOURCE: UNAMAP FILE ON EPA'S UNIVAC AT RTP, NC.

IBM-PC VERSION (1.62)

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SERIAL NUMBER 5503 SOLD TO R. W. BECK & ASSOC.

RUN BEGAN ON 09-13-88 AT 00:02:41

Key West

84

Direction Specific
Scenario

360° @ 10° inc.

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 2
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1

COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)

WITH THE FOLLOWING TIME PERIODS:

HOURLY (YES=1,NO=0)	ISW(7) = 1
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0

PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE SPECIFIED BY ISW(7) THROUGH ISW(14):

DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=S02,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (YES=1,NO=2)	ISW(30) = 2
ABOVE GROUND (FLAGPOLE) RECEPTORS USED (YES=1,NO=0)	ISW(31) = 0

NUMBER OF INPUT SOURCES	NSOURC = 2
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 2
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 9
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXWYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK = .10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 7.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12839
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 12844
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 12193 WORDS

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

100.0, 150.0, 200.0, 250.0, 300.0, 350.0, 400.0, 450.0, 500.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***
(DEGREES)

10.0, 20.0, 30.0, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0,
110.0, 120.0, 130.0, 140.0, 150.0, 160.0, 170.0, 180.0, 190.0, 200.0,
210.0, 220.0, 230.0, 240.0, 250.0, 260.0, 270.0, 280.0, 290.0, 300.0,
310.0, 320.0, 330.0, 340.0, 350.0, 360.0,

*** SOURCE DATA ***

		EMISSION RATE						TEMP.	EXIT VEL.				
		TYPE=0,1						TYPE=0	TYPE=0				
T W		(GRAMS/SEC)						(DEG.K);	(M/SEC);	BLDG.	BLDG.	BLDG.	
Y A NUMBER		TYPE=2				BASE		VERT.DIM	HORZ.DIM	DIAMETER	HEIGHT	LENGTH	WIDTH
SOURCE P K	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TYPE=1	TYPE=1,2	TYPE=0	TYPE=0	TYPE=0	TYPE=0	
NUMBER E E	CATS.	*PER METER**2	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
1	0 0	0	.12600E+02	.0	.0	.0	30.48	589.00	30.00	1.20	-21.34	29.71	29.71
2	0 0	0	.15059E+03	.0	.0	.0	31.70	460.00	44.81	1.52	-21.34	29.71	29.71

* CALM HOURS (=1) FOR DAY 356 * 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 357 * 0 0 1 0
* CALM HOURS (=1) FOR DAY 365 * 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 246.02530 AND OCCURRED AT (200.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	128.54350 (88, 1)	204.01200 (88, 1)	246.02530 (88, 1)	223.49440 (88, 1)	172.66300 (88, 1)
350.0 /	37.86742 (124, 9)	61.88144 (124, 9)	75.37591 (124, 9)	81.64549 (124, 9)	72.86132 (124, 9)
340.0 /	19.89875 (195, 3)	29.36477 (195, 3)	33.38003 (195, 3)	44.05008 (58,15)	51.37886 (58,15)
330.0 /	45.37959 (195, 3)	70.35732 (195, 3)	83.04110 (195, 3)	78.80174 (195, 3)	64.10533 (195, 3)
320.0 /	38.47003 (333,10)	62.22807 (333,10)	75.25374 (333,10)	80.13358 (333,10)	71.34365 (333,10)
310.0 /	52.56990 (149, 1)	79.34760 (149, 1)	92.62237 (149, 1)	88.30150 (149, 1)	74.40826 (207,22)
300.0 /	64.81038 (44,13)	104.13060 (44,13)	126.38560 (44,13)	132.94820 (44,13)	120.57670 (44,13)
290.0 /	69.82700 (216,16)	108.82740 (216,16)	130.34030 (216,16)	136.44750 (265,20)	123.84230 (265,20)
280.0 /	64.38027 (366,11)	102.14270 (366,11)	123.21340 (366,11)	128.81120 (366,11)	116.97700 (366,11)
270.0 /	60.82197 (297,11)	98.89005 (297,11)	120.65940 (297,11)	127.78480 (297,11)	115.64180 (297,11)
260.0 /	66.40359 (331,20)	106.73600 (331,20)	129.61980 (352,15)	136.48450 (352,15)	123.89760 (352,15)
250.0 /	72.31285 (298,11)	114.10170 (298,11)	137.52740 (298,11)	143.56730 (298,11)	131.03810 (298,11)
240.0 /	69.18327 (22,17)	109.98010 (22,17)	132.89660 (22,17)	139.10880 (22,17)	126.51050 (22,17)
230.0 /	64.67284 (282,11)	104.05260 (282,11)	126.40230 (282,11)	133.05630 (282,11)	120.73820 (282,11)
220.0 /	68.68137 (283,14)	109.67910 (283,14)	132.92200 (283,14)	139.45130 (283,14)	127.04350 (283,14)
210.0 /	76.00394 (137,17)	112.00820 (137,17)	130.47050 (137,17)	132.90860 (137,17)	121.97890 (137,17)
200.0 /	67.60185 (105,16)	106.15800 (105,16)	127.50020 (105,16)	132.74440 (105,16)	120.85470 (105,16)
190.0 /	46.20863 (311,14)	75.55050 (311,14)	92.20100 (270,12)	98.95213 (270,12)	88.75314 (270,12)
180.0 /	74.80112 (316,24)	118.82620 (316,24)	142.95570 (316,24)	137.58040 (316,24)	113.50040 (316,24)
170.0 /	60.51108 (174,17)	96.83140 (174,17)	117.16810 (174,17)	122.97210 (174,17)	111.28040 (174,17)
160.0 /	65.41821 (328,24)	104.48290 (328,24)	126.33000 (328,24)	132.49820 (328,24)	119.89610 (328,24)
150.0 /	65.41821 (329, 4)	104.48290 (329, 4)	126.33000 (329, 4)	132.49810 (329, 4)	119.89610 (329, 4)
140.0 /	73.13735 (328,13)	114.62750 (328,13)	137.55910 (328,13)	143.11600 (328,13)	130.28930 (328,13)
130.0 /	60.78333 (328,18)	94.34766 (328,18)	112.38320 (328,18)	116.27400 (328,18)	105.26890 (328,18)
120.0 /	60.42526 (176,18)	96.84361 (89, 7)	117.54420 (89, 7)	123.98670 (89, 7)	111.83900 (89, 7)
110.0 /	49.73387 (341,16)	80.95485 (341,16)	98.55161 (341,16)	104.67930 (341,16)	94.05724 (341,16)
100.0 /	69.27586 (108,17)	110.03650 (108,17)	132.90170 (89,11)	139.20040 (89,11)	126.65390 (89,11)
90.0 /	75.26855 (89, 8)	117.34440 (89, 8)	140.62860 (89, 8)	146.12020 (89, 8)	133.55450 (89, 8)
80.0 /	55.71386 (107,17)	89.86951 (107,17)	109.03030 (107,17)	114.97690 (107,17)	103.64140 (107,17)
70.0 /	70.26948 (67,12)	112.36630 (67,12)	136.31740 (67,12)	143.12250 (67,12)	130.48500 (67,12)
60.0 /	49.81531 (35,16)	80.99422 (35,16)	98.52824 (35,16)	104.59600 (35,16)	93.94170 (35,16)
50.0 /	61.00679 (89, 3)	98.98770 (89, 3)	120.62130 (89, 3)	127.61620 (89, 3)	115.39940 (89, 3)
40.0 /	72.31284 (89, 2)	114.10170 (89, 2)	137.52740 (89, 2)	143.56730 (89, 2)	131.03810 (89, 2)
30.0 /	49.53209 (88,16)	80.85890 (88,16)	98.61348 (88,16)	104.89120 (88,16)	94.34988 (88,16)
20.0 /	80.14368 (88,11)	120.95440 (88,11)	142.83550 (88,11)	146.90370 (88,11)	135.18240 (88,11)
10.0 /	60.91423 (88, 9)	98.93859 (88, 9)	120.64010 (88, 9)	127.70020 (88, 9)	115.52020 (88, 9)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 246.02530 AND OCCURRED AT (200.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	135.65880 (88, 1)	108.02920 (88, 1)	87.02791 (88, 1)	70.83928 (88, 1)
350.0 /	64.95734 (124, 9)	58.13320 (124, 9)	52.32243 (124, 9)	47.38406 (124, 9)
340.0 /	53.25784 (58,15)	52.14381 (58,15)	49.58765 (58,15)	46.44798 (58,15)
330.0 /	54.30489 (243,13)	52.14404 (58,15)	50.15942 (243,13)	47.39284 (243,13)
320.0 /	63.38002 (333,10)	56.46660 (333,10)	51.56427 (202,12)	49.78036 (202,12)
310.0 /	71.25342 (126,12)	70.12464 (126,12)	67.01724 (126,12)	63.06926 (126,12)
300.0 /	108.69780 (44,13)	97.90073 (44,13)	88.34231 (44,13)	79.98156 (44,13)
290.0 /	112.20240 (216,16)	101.61540 (216,16)	92.07169 (216,16)	83.59081 (216,16)
280.0 /	105.57760 (366,11)	95.16158 (366,11)	85.89311 (366,11)	77.75055 (366,11)
270.0 /	104.05640 (297,11)	93.60254 (297,11)	84.40727 (297,11)	76.40614 (297,11)
260.0 /	111.77950 (352,15)	100.74590 (352,15)	90.96571 (352,15)	82.40258 (352,15)
250.0 /	118.82400 (298,11)	107.53830 (298,11)	97.39817 (298,11)	88.41651 (298,11)
240.0 /	114.33750 (22,17)	103.19120 (22,17)	93.25661 (22,17)	84.51690 (22,17)
230.0 /	108.88670 (282,11)	98.10081 (282,11)	88.54392 (282,11)	80.17905 (282,11)
220.0 /	114.97250 (283,14)	103.87150 (283,14)	93.94725 (283,14)	85.19721 (283,14)
210.0 /	111.50710 (137,17)	101.76770 (137,17)	92.88172 (137,17)	84.86912 (137,17)
200.0 /	109.35010 (105,16)	98.77251 (105,16)	89.30280 (105,16)	80.93873 (105,16)
190.0 /	79.34720 (270,12)	71.08512 (270,12)	63.96512 (270,12)	57.86377 (270,12)
180.0 /	94.97428 (316,24)	81.22849 (311,10)	73.05220 (311,10)	66.01283 (311,10)
170.0 /	100.12020 (174,17)	90.01592 (174,17)	81.09645 (174,17)	73.31243 (174,17)
160.0 /	107.89870 (328,24)	97.05288 (328,24)	87.48739 (328,24)	79.14365 (328,24)
150.0 /	107.89870 (329, 4)	97.05286 (329, 4)	87.48738 (329, 4)	79.14365 (329, 4)
140.0 /	117.91000 (328,13)	106.54540 (328,13)	96.38073 (328,13)	87.40773 (328,13)
130.0 /	94.79938 (328,18)	85.28136 (328,18)	76.83011 (328,18)	69.41309 (328,18)
120.0 /	100.37880 (89, 7)	90.13831 (176,18)	81.21960 (176,18)	73.43287 (176,18)
110.0 /	84.14526 (341,16)	75.35369 (341,16)	67.72250 (341,16)	61.15006 (341,16)
100.0 /	114.50870 (89,11)	103.37470 (89,11)	93.44305 (89,11)	84.70057 (89,11)
90.0 /	121.30900 (89, 8)	109.96000 (89, 8)	99.72313 (89, 8)	90.62100 (89, 8)
80.0 /	92.94638 (107,17)	83.36541 (107,17)	74.98204 (107,17)	67.71710 (107,17)
70.0 /	118.16430 (67,12)	106.81800 (67,12)	96.66409 (67,12)	87.70435 (67,12)
60.0 /	84.01486 (35,16)	75.21867 (35,16)	67.58852 (35,16)	61.02020 (35,16)
50.0 /	103.77780 (89, 3)	93.31059 (89, 3)	84.11517 (89, 3)	76.12127 (89, 3)
40.0 /	118.82400 (89, 2)	107.53830 (89, 2)	97.39816 (89, 2)	88.41647 (89, 2)
30.0 /	84.47501 (88,16)	75.69507 (88,16)	68.06110 (88,16)	61.47820 (88,16)
20.0 /	123.73550 (88,11)	112.99320 (88,11)	103.15290 (88,11)	94.26691 (88,11)
10.0 /	103.91670 (88, 9)	93.45615 (88, 9)	84.26083 (88, 9)	76.26331 (88, 9)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 143.70040 AND OCCURRED AT (250.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	20.49809 (35,10)	32.49048 (35,10)	38.78944 (35,10)	42.18166 (35,10)	37.10814 (35,10)
350.0 /	35.18143 (234,14)	57.47417 (234,14)	69.95113 (234,14)	75.73394 (234,14)	67.52737 (234,14)
340.0 /	16.94937 (80,10)	26.38744 (80,10)	30.98187 (80,10)	34.10622 (181,11)	39.38592 (181,11)
330.0 /	26.89537 (80,10)	43.01472 (80,10)	51.55245 (80,10)	55.18315 (80,10)	54.54971 (243,13)
320.0 /	31.08632 (144, 3)	49.72155 (144, 3)	60.02877 (144, 3)	56.06009 (144, 3)	55.56209 (182,15)
310.0 /	39.68665 (323,11)	63.51200 (207,22)	77.19855 (207,22)	83.47645 (207,22)	73.86124 (149, 1)
300.0 /	50.06253 (366,21)	81.11596 (366,21)	98.57542 (301,12)	104.76300 (301,12)	94.17320 (301,12)
290.0 /	66.30916 (265,20)	106.68200 (265,20)	129.61410 (265,20)	135.37310 (216,16)	123.63320 (216,16)
280.0 /	59.81017 (41,11)	96.71778 (41,11)	117.62590 (72,13)	124.38450 (72,13)	112.41540 (72,13)
270.0 /	60.42527 (362,11)	96.78279 (362,11)	117.18340 (362,14)	123.07200 (362,14)	111.42930 (362,14)
260.0 /	66.26219 (352,15)	106.65530 (352,15)	129.60340 (331,20)	136.37440 (331,20)	123.73260 (331,20)
250.0 /	66.26219 (362,16)	106.65530 (362,16)	129.61980 (362,16)	136.48450 (362,16)	123.89760 (362,16)
240.0 /	54.50121 (304,15)	89.19168 (304,15)	109.02110 (304,15)	116.14740 (304,15)	104.67230 (304,15)
230.0 /	60.73034 (284,15)	98.84213 (284,15)	120.67970 (284,15)	127.87060 (284,15)	115.76440 (284,15)
220.0 /	67.26755 (283,15)	105.94930 (283,15)	127.49670 (283,15)	132.94020 (283,15)	121.17260 (283,15)
210.0 /	47.06733 (284,17)	77.30815 (284,17)	94.54086 (284,17)	101.50730 (284,17)	91.09039 (284,17)
200.0 /	60.29742 (282,13)	96.71082 (282,13)	117.19450 (282,13)	123.13950 (282,13)	111.52960 (282,13)
190.0 /	45.96215 (270,12)	75.44099 (270,12)	92.11195 (311,14)	98.67188 (311,14)	88.37318 (311,14)
180.0 /	54.72615 (342, 5)	87.81453 (342, 5)	106.18690 (311,10)	112.72840 (311,10)	101.29670 (311,10)
170.0 /	53.48771 (270,18)	87.16502 (270,18)	106.24350 (270,18)	112.94580 (270,18)	101.60140 (270,18)
160.0 /	60.22828 (329, 2)	96.94684 (329, 2)	117.51690 (329, 2)	123.83360 (329, 2)	111.61470 (329, 2)
150.0 /	60.78328 (328,19)	94.34761 (328,19)	112.38310 (328,19)	116.27390 (328,19)	105.26880 (328,19)
140.0 /	66.93105 (328, 9)	107.04300 (328, 9)	129.55690 (328, 9)	135.98550 (328, 9)	123.14330 (328, 9)
130.0 /	37.67274 (328,23)	58.27735 (328,23)	69.77303 (96, 9)	75.19750 (96, 9)	68.07740 (107,14)
120.0 /	60.04123 (89, 7)	96.78271 (176,18)	117.17810 (176,18)	123.03850 (176,18)	111.37940 (176,18)
110.0 /	41.78472 (89,16)	63.72782 (89,16)	74.87483 (89,16)	76.67724 (89,16)	71.62072 (89,13)
100.0 /	69.04514 (89,11)	109.89660 (89,11)	132.89370 (108,17)	139.04850 (108,17)	126.41570 (108,17)
90.0 /	69.74551 (328,11)	110.32560 (328,11)	132.88830 (328,11)	138.75670 (328,11)	125.95160 (328,11)
80.0 /	46.51728 (328,12)	72.67473 (328,12)	86.43453 (328,12)	89.54662 (328,12)	80.07328 (328,12)
70.0 /	42.23920 (101, 9)	67.11097 (101, 9)	80.48158 (101, 9)	84.14711 (101, 9)	75.20508 (101, 9)
60.0 /	32.49349 (101,12)	52.37482 (101,12)	63.11582 (101,12)	67.04540 (101,12)	59.50996 (101,12)
50.0 /	38.36669 (35,14)	62.18199 (35,14)	75.28888 (35,14)	80.24596 (35,14)	71.49562 (35,14)
40.0 /	60.51104 (271,11)	96.83133 (271,11)	117.16800 (271,11)	122.97200 (271,11)	111.28030 (271,11)
30.0 /	37.94822 (271,16)	60.57336 (271,16)	72.68538 (271,16)	76.38377 (271,16)	71.92161 (88,12)
20.0 /	72.08955 (88,10)	113.96210 (88,10)	137.52590 (88,10)	143.70040 (88,10)	131.25420 (88,10)
10.0 /	38.40096 (88, 8)	62.19705 (88, 8)	75.27681 (88, 8)	80.20816 (88, 8)	71.44462 (88, 8)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 143.70040 AND OCCURRED AT (250.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	40.16153 (105,12)	42.11957 (105,12)	42.43779 (105,12)	41.75745 (105,12)
350.0 /	60.14345 (234,14)	53.76971 (234,14)	48.34433 (234,14)	43.73539 (234,14)
340.0 /	41.32508 (181,11)	41.23636 (181,11)	41.32538 (181,11)	40.28427 (181,11)
330.0 /	53.25808 (58,15)	52.06646 (243,13)	49.58786 (58,15)	46.44821 (58,15)
320.0 /	55.31332 (182,15)	53.03697 (182,15)	51.10027 (182,15)	48.28411 (182,15)
310.0 /	66.28722 (207,22)	59.29612 (207,22)	53.35508 (207,22)	50.00520 (199,13)
300.0 /	84.27618 (301,12)	75.48928 (301,12)	67.85703 (301,12)	61.82415 (99,11)
290.0 /	111.71490 (265,20)	100.67740 (265,20)	90.89672 (265,20)	82.33498 (265,20)
280.0 /	101.04290 (72,13)	90.80796 (72,13)	81.82217 (72,13)	74.01447 (72,13)
270.0 /	100.29410 (362,14)	90.19982 (362,14)	81.28146 (362,14)	73.49340 (362,14)
260.0 /	111.58630 (331,20)	100.54110 (331,20)	90.75931 (331,20)	82.20028 (331,20)
250.0 /	111.77950 (362,16)	100.74590 (362,16)	90.96571 (362,16)	82.40257 (362,16)
240.0 /	93.88779 (304,15)	84.27719 (304,15)	75.90569 (304,15)	68.67540 (304,15)
230.0 /	104.19710 (284,15)	93.74993 (284,15)	84.55473 (284,15)	76.54983 (284,15)
220.0 /	109.73540 (283,15)	99.18932 (283,15)	89.72875 (283,15)	81.36012 (283,15)
210.0 /	81.47577 (284,17)	73.02544 (284,17)	65.73981 (284,17)	59.49399 (284,17)
200.0 /	100.41110 (282,13)	90.32344 (282,13)	81.40575 (282,13)	73.61493 (282,13)
190.0 /	78.92300 (311,14)	70.64820 (311,14)	63.53273 (311,14)	57.44509 (311,14)
180.0 /	90.65489 (311,10)	81.15736 (329,11)	72.98145 (329,11)	65.94409 (329,11)
170.0 /	91.00053 (270,18)	81.58765 (270,18)	73.40947 (270,18)	66.35987 (270,18)
160.0 /	100.11950 (329, 2)	89.83883 (329, 2)	80.85201 (329, 2)	73.06834 (329, 2)
150.0 /	94.79933 (328,19)	85.28127 (328,19)	76.83003 (328,19)	69.41306 (328,19)
140.0 /	110.89360 (328, 9)	99.80553 (328, 9)	90.01711 (328, 9)	81.47243 (328, 9)
130.0 /	70.47577 (107,11)	69.35239 (107,11)	66.28608 (107,11)	62.39360 (107,11)
120.0 /	100.23600 (176,18)	90.11136 (89, 7)	81.12502 (89, 7)	73.33472 (89, 7)
110.0 /	68.23906 (89,12)	67.11462 (89,12)	64.10778 (89,12)	60.30500 (89,12)
100.0 /	114.22420 (108,17)	103.06960 (108,17)	93.13309 (108,17)	84.39518 (108,17)
90.0 /	113.66770 (328,11)	102.47180 (328,11)	92.52524 (328,11)	83.79594 (328,11)
80.0 /	71.31645 (328,12)	63.55613 (328,12)	60.14886 (107,13)	57.27615 (107,13)
70.0 /	66.93396 (101, 9)	59.62306 (101, 9)	53.29038 (101, 9)	47.84724 (101, 9)
60.0 /	52.70851 (101,12)	46.82102 (101,12)	41.80374 (101,12)	39.97585 (233,12)
50.0 /	63.54908 (35,14)	56.64003 (35,14)	50.73133 (35,14)	45.69884 (35,14)
40.0 /	100.12010 (271,11)	90.01585 (271,11)	81.09640 (271,11)	73.31236 (271,11)
30.0 /	68.31384 (88,12)	62.69289 (88,12)	56.66712 (88,12)	50.92621 (88,12)
20.0 /	119.08610 (88,10)	107.82230 (88,10)	97.68875 (88,10)	88.70441 (88,10)
10.0 /	63.49236 (88, 8)	56.58193 (88, 8)	50.67406 (88, 8)	45.64357 (88, 8)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	246.02530	1	88	200.0	360.0	26	136.48450	15	352	250.0	260.0
2	223.49440	1	88	250.0	360.0	27	136.44750	20	265	250.0	290.0
3	204.01200	1	88	150.0	360.0	28	136.37440	20	331	250.0	260.0
4	172.66300	1	88	300.0	360.0	29	136.31740	12	67	200.0	70.0
5	146.90370	11	88	250.0	20.0	30	135.98550	9	328	250.0	140.0
6	146.12020	8	89	250.0	90.0	31	135.65880	1	88	350.0	360.0
7	143.70040	10	88	250.0	20.0	32	135.37310	16	216	250.0	290.0
8	143.56730	11	298	250.0	250.0	33	135.18240	11	88	300.0	20.0
9	143.56730	2	89	250.0	40.0	34	133.55450	8	89	300.0	90.0
10	143.12250	12	67	250.0	70.0	35	133.24050	13	101	250.0	90.0
11	143.11600	13	328	250.0	140.0	36	133.05640	9	297	250.0	250.0
12	142.95570	24	316	200.0	180.0	37	133.05630	11	282	250.0	230.0
13	142.83550	11	88	200.0	20.0	38	132.94820	13	44	250.0	300.0
14	140.62860	8	89	200.0	90.0	39	132.94020	15	283	250.0	220.0
15	139.45130	14	283	250.0	220.0	40	132.92200	14	283	200.0	220.0
16	139.20040	11	89	250.0	100.0	41	132.90860	17	137	250.0	210.0
17	139.10880	17	22	250.0	240.0	42	132.90170	11	89	200.0	100.0
18	139.04850	17	108	250.0	100.0	43	132.89660	17	22	200.0	240.0
19	138.75670	11	328	250.0	90.0	44	132.89370	17	108	200.0	100.0
20	137.58040	24	316	250.0	180.0	45	132.88830	11	328	200.0	90.0
21	137.55910	13	328	200.0	140.0	46	132.74440	16	105	250.0	200.0
22	137.52740	11	298	200.0	250.0	47	132.49820	24	328	250.0	160.0
23	137.52740	2	89	200.0	40.0	48	132.49810	4	329	250.0	150.0
24	137.52590	10	88	200.0	20.0	49	132.43180	10	328	250.0	140.0
25	136.48450	16	362	250.0	250.0	50	131.25420	10	88	300.0	20.0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 133.79240 AND OCCURRED AT (250.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	42.89654 (88, 1)	68.06007 (88, 1)	82.07021 (88, 1)	74.55560 (88, 1)	57.58619 (88, 1)
350.0 /	12.62249 (124, 3)	20.62822 (124, 3)	25.13491 (124, 3)	27.24501 (124, 3)	24.34476 (124, 3)
340.0 /	6.63292 (195, 1)	9.78826 (195, 1)	11.21511 (121, 5)	16.93680 (58, 5)	20.48907 (58, 5)
330.0 /	15.12653 (195, 1)	23.45244 (195, 1)	27.68037 (195, 1)	26.26725 (195, 1)	29.59379 (94, 4)
320.0 /	13.02774 (94, 2)	20.75838 (333, 4)	25.14369 (333, 4)	26.81505 (333, 4)	29.49176 (182, 5)
310.0 /	24.00210 (295, 5)	38.53227 (295, 5)	46.32716 (295, 5)	50.10278 (295, 5)	44.28621 (295, 5)
300.0 /	37.09026 (295, 4)	60.84849 (295, 4)	74.28542 (295, 4)	80.60902 (295, 4)	72.03041 (295, 4)
290.0 /	43.91039 (72, 4)	70.51350 (72, 4)	85.19128 (72, 4)	90.02625 (72, 4)	80.75018 (72, 4)
280.0 /	45.27193 (41, 4)	72.90051 (41, 4)	88.42384 (41, 4)	94.23440 (41, 4)	84.84160 (41, 4)
270.0 /	40.09017 (361, 5)	65.48509 (292, 5)	79.78833 (292, 5)	85.70162 (292, 5)	76.63557 (292, 5)
260.0 /	30.31250 (267, 6)	49.16581 (267, 6)	59.68885 (267, 6)	63.27491 (267, 6)	56.74035 (267, 6)
250.0 /	40.92741 (350, 4)	63.44841 (350, 4)	75.34120 (350, 4)	78.44061 (350, 4)	70.51804 (350, 4)
240.0 /	36.48172 (22, 4)	58.55626 (22, 4)	70.50656 (22, 4)	74.58363 (22, 4)	66.35886 (22, 4)
230.0 /	37.88574 (282, 4)	61.09915 (282, 4)	74.13692 (282, 4)	79.24774 (282, 4)	71.29700 (282, 4)
220.0 /	66.69160 (283, 5)	105.87320 (283, 5)	127.88220 (283, 5)	133.79240 (283, 5)	121.82120 (283, 5)
210.0 /	25.33465 (137, 6)	37.33607 (137, 6)	43.49017 (137, 6)	44.30286 (137, 6)	40.65965 (137, 6)
200.0 /	22.53395 (105, 6)	35.38600 (105, 6)	42.50006 (105, 6)	44.24814 (105, 6)	40.28491 (105, 6)
190.0 /	18.87312 (313, 4)	30.42051 (313, 4)	37.00418 (313, 4)	40.74660 (313, 4)	36.55864 (313, 4)
180.0 /	37.92022 (327, 5)	60.69473 (327, 5)	72.97386 (327, 5)	77.16901 (327, 5)	68.60572 (327, 5)
170.0 /	32.27474 (270, 6)	52.13142 (270, 6)	63.21637 (270, 6)	68.41696 (270, 6)	61.16801 (270, 6)
160.0 /	43.53619 (329, 1)	69.78159 (329, 1)	84.13496 (329, 1)	89.05408 (329, 1)	79.54926 (329, 1)
150.0 /	33.84087 (341, 8)	54.06449 (341, 8)	65.14638 (341, 8)	68.63979 (341, 8)	61.50527 (341, 8)
140.0 /	43.23315 (328, 3)	68.82721 (328, 3)	82.78574 (328, 3)	87.42143 (328, 3)	78.28122 (328, 3)
130.0 /	27.28213 (328, 6)	42.23158 (328, 6)	50.18703 (328, 6)	52.81158 (328, 6)	47.46498 (328, 6)
120.0 /	20.45744 (176, 6)	32.68270 (176, 6)	39.55606 (176, 6)	41.72424 (176, 6)	37.81789 (176, 6)
110.0 /	32.63498 (89, 6)	51.29074 (89, 6)	61.14711 (89, 6)	64.69075 (89, 6)	57.54824 (89, 6)
100.0 /	46.48823 (89, 5)	72.94850 (89, 5)	87.37657 (89, 5)	96.61816 (89, 5)	91.00471 (89, 5)
90.0 /	33.02314 (328, 4)	51.63749 (328, 4)	61.61306 (328, 4)	63.92059 (328, 4)	57.54791 (328, 4)
80.0 /	19.59464 (107, 6)	31.41763 (107, 6)	37.96656 (107, 6)	40.05185 (107, 6)	35.99570 (107, 6)
70.0 /	24.91663 (67, 4)	39.63578 (67, 4)	47.88086 (67, 4)	50.24334 (67, 4)	45.62324 (67, 4)
60.0 /	16.64464 (35, 6)	27.04308 (35, 6)	32.88456 (35, 6)	34.90172 (35, 6)	31.34074 (35, 6)
50.0 /	29.06094 (89, 1)	46.45369 (89, 1)	55.96455 (89, 1)	59.07396 (89, 1)	52.87821 (89, 1)
40.0 /	33.35104 (89, 1)	52.34369 (89, 1)	62.60463 (89, 1)	65.43668 (89, 1)	58.97831 (89, 1)
30.0 /	29.42014 (88, 6)	47.88245 (88, 6)	58.26115 (88, 6)	62.60926 (88, 6)	56.07705 (88, 6)
20.0 /	62.66298 (88, 4)	97.47475 (88, 4)	116.69430 (88, 4)	126.30740 (88, 4)	119.13970 (88, 4)
10.0 /	33.14219 (88, 3)	53.75549 (88, 3)	65.34805 (88, 3)	69.34576 (88, 3)	62.35484 (88, 3)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 133.79240 AND OCCURRED AT (250.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	45.23920 (88, 1)	36.02282 (88, 1)	29.01860 (88, 1)	23.62004 (88, 1)
350.0 /	21.73933 (124, 3)	21.52098 (105, 4)	22.01938 (105, 4)	21.90822 (105, 4)
340.0 /	22.10917 (121, 5)	22.73977 (121, 5)	23.38661 (121, 5)	23.63213 (182, 4)
330.0 /	32.02692 (94, 4)	32.53088 (94, 4)	33.27325 (182, 5)	33.27080 (182, 5)
320.0 /	34.09676 (182, 5)	36.24314 (182, 5)	38.22197 (182, 5)	37.93815 (182, 5)
310.0 /	39.17507 (295, 5)	34.83386 (295, 5)	32.45105 (126, 4)	31.21725 (126, 4)
300.0 /	64.27380 (295, 4)	57.55657 (295, 4)	51.82499 (295, 4)	46.94658 (295, 4)
290.0 /	72.15269 (72, 4)	64.54391 (72, 4)	57.94268 (72, 4)	52.25676 (72, 4)
280.0 /	76.10286 (41, 4)	68.34599 (41, 4)	61.59817 (41, 4)	55.77115 (41, 4)
270.0 /	68.35417 (292, 5)	61.12772 (292, 5)	54.92966 (292, 5)	49.63693 (292, 5)
260.0 /	50.67039 (267, 6)	45.30305 (267, 6)	40.65491 (267, 6)	36.65923 (267, 6)
250.0 /	64.59466 (267, 5)	59.36194 (267, 5)	54.25264 (267, 5)	49.51864 (267, 5)
240.0 /	58.90355 (22, 4)	52.42258 (22, 4)	46.87929 (22, 4)	42.15824 (22, 4)
230.0 /	63.93142 (282, 4)	57.41140 (282, 4)	51.74824 (282, 4)	46.86140 (282, 4)
220.0 /	110.20220 (283, 5)	99.52187 (283, 5)	89.97234 (283, 5)	81.55000 (283, 5)
210.0 /	37.16904 (137, 6)	33.92258 (137, 6)	30.96058 (137, 6)	28.28971 (137, 6)
200.0 /	36.45004 (105, 6)	32.92417 (105, 6)	29.76760 (105, 6)	26.97958 (105, 6)
190.0 /	32.82613 (313, 4)	29.60378 (313, 4)	26.84683 (313, 4)	24.48688 (313, 4)
180.0 /	60.87018 (327, 5)	54.16122 (327, 5)	48.43246 (327, 5)	43.55944 (327, 5)
170.0 /	54.62602 (270, 6)	48.95173 (270, 6)	44.09846 (270, 6)	39.95798 (270, 6)
160.0 /	70.87636 (329, 1)	63.29110 (329, 1)	56.76891 (329, 1)	51.18895 (329, 1)
150.0 /	54.92492 (341, 8)	49.11944 (341, 8)	44.09375 (341, 8)	39.77194 (341, 8)
140.0 /	69.89754 (328, 3)	62.52180 (328, 3)	56.14543 (328, 3)	50.66511 (328, 3)
130.0 /	42.56158 (328, 6)	38.21936 (328, 6)	34.43429 (328, 6)	31.15489 (328, 6)
120.0 /	34.08398 (176, 6)	30.70016 (176, 6)	27.71078 (176, 6)	25.09994 (176, 6)
110.0 /	51.13730 (89, 6)	45.57861 (89, 6)	40.82092 (89, 6)	36.76066 (89, 6)
100.0 /	83.59004 (89, 5)	75.93445 (89, 5)	68.72886 (89, 5)	62.21972 (89, 5)
90.0 /	51.56915 (328, 4)	46.20454 (328, 4)	41.49476 (328, 4)	37.40007 (328, 4)
80.0 /	32.21095 (107, 6)	28.84389 (107, 6)	25.91133 (107, 6)	23.37825 (107, 6)
70.0 /	41.18851 (67, 4)	37.14524 (67, 4)	33.55167 (67, 4)	30.39626 (67, 4)
60.0 /	28.02514 (35, 6)	26.56794 (233, 4)	27.08710 (233, 4)	26.91072 (233, 4)
50.0 /	47.17410 (89, 1)	42.14968 (89, 1)	37.80595 (89, 1)	34.07483 (89, 1)
40.0 /	52.94322 (89, 1)	47.53705 (89, 1)	42.79016 (89, 1)	38.65804 (89, 1)
30.0 /	50.08535 (88, 6)	44.83567 (88, 6)	40.31730 (88, 6)	36.44792 (88, 6)
20.0 /	109.88860 (88, 4)	100.29520 (88, 4)	91.17776 (88, 4)	82.85616 (88, 4)
10.0 /	55.82935 (88, 3)	50.03397 (88, 3)	44.99583 (88, 3)	40.65030 (88, 3)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 86.45477 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	9.72639 (88, 3)	14.62323 (88, 3)	16.88915 (88, 3)	17.91725 (88, 3)	20.58145 (105, 4)
350.0 /	11.72715 (234, 5)	19.15806 (234, 5)	23.31704 (234, 5)	25.24465 (234, 5)	22.50912 (234, 5)
340.0 /	5.65987 (80, 4)	8.82523 (80, 4)	11.12668 (195, 1)	16.78870 (121, 5)	20.30590 (121, 5)
330.0 /	9.09373 (80, 4)	14.66932 (80, 4)	18.45913 (80, 4)	24.12315 (94, 4)	23.81554 (182, 5)
320.0 /	12.83714 (333, 4)	20.20795 (94, 2)	24.06103 (94, 2)	26.15486 (213, 4)	27.01195 (213, 4)
310.0 /	17.52330 (149, 1)	26.44920 (149, 1)	30.87412 (149, 1)	32.45699 (65, 5)	30.39515 (126, 4)
300.0 /	31.98711 (72, 6)	51.60506 (72, 6)	62.55059 (72, 6)	67.51795 (72, 6)	60.40286 (72, 6)
290.0 /	33.60207 (332, 5)	54.93075 (332, 5)	67.03697 (332, 5)	71.57594 (332, 5)	64.30499 (332, 5)
280.0 /	40.63256 (266, 4)	64.66229 (266, 4)	77.82344 (266, 4)	86.45477 (266, 4)	81.50491 (266, 4)
270.0 /	40.04527 (292, 5)	63.87245 (361, 5)	76.82592 (361, 5)	80.49675 (361, 5)	72.17348 (361, 5)
260.0 /	28.25884 (331, 8)	45.10830 (331, 8)	54.22180 (331, 8)	56.95528 (331, 8)	50.84424 (331, 8)
250.0 /	33.12509 (362, 6)	52.81960 (362, 6)	63.93112 (267, 5)	72.59507 (267, 5)	69.37317 (267, 5)
240.0 /	32.59857 (281, 5)	52.68507 (281, 5)	63.72649 (281, 5)	68.57063 (281, 5)	61.04329 (281, 5)
230.0 /	31.10818 (280, 4)	50.24022 (280, 4)	60.81743 (280, 4)	64.36690 (280, 4)	57.61059 (280, 4)
220.0 /	31.64773 (282, 5)	50.21035 (282, 5)	60.36224 (282, 5)	63.13281 (282, 5)	56.87585 (282, 5)
210.0 /	21.41343 (282, 6)	33.48257 (282, 6)	39.80815 (282, 6)	41.95411 (282, 6)	37.34314 (282, 6)
200.0 /	20.09927 (282, 5)	32.23704 (282, 5)	39.06489 (282, 5)	41.04654 (282, 5)	37.17655 (282, 5)
190.0 /	17.50747 (312, 7)	27.94857 (312, 7)	33.66819 (311, 5)	36.09766 (312, 7)	31.95797 (311, 5)
180.0 /	35.35586 (327, 8)	55.92548 (327, 8)	67.06861 (327, 8)	70.32935 (327, 8)	63.05706 (327, 8)
170.0 /	29.29298 (342, 2)	46.41691 (342, 2)	55.48653 (342, 2)	58.64569 (342, 2)	51.93133 (342, 2)
160.0 /	34.69201 (270, 8)	56.03788 (270, 8)	67.81828 (270, 8)	71.98925 (270, 8)	64.31622 (270, 8)
150.0 /	31.47213 (270, 7)	50.73783 (270, 7)	61.40907 (270, 7)	64.96295 (270, 7)	58.22488 (270, 7)
140.0 /	33.47178 (328, 5)	52.60835 (328, 5)	63.00818 (328, 5)	65.98690 (328, 5)	59.49644 (328, 5)
130.0 /	15.79953 (59, 5)	25.35374 (59, 5)	31.46753 (59, 5)	35.50694 (59, 5)	33.19463 (59, 5)
120.0 /	20.01377 (89, 3)	32.28122 (89, 3)	39.18143 (89, 3)	41.32891 (89, 3)	37.27968 (89, 3)
110.0 /	19.24655 (89, 5)	29.03052 (89, 5)	33.83302 (89, 5)	38.46835 (89, 5)	37.19839 (89, 5)
100.0 /	34.73071 (108, 6)	54.81857 (108, 6)	65.76187 (108, 6)	68.57117 (108, 6)	61.82169 (108, 6)
90.0 /	30.19601 (89, 3)	46.92030 (89, 3)	56.12964 (101, 5)	59.54192 (101, 5)	54.03127 (101, 5)
80.0 /	16.91441 (328, 4)	26.11388 (328, 4)	30.81967 (328, 4)	31.75886 (328, 4)	28.27383 (328, 4)
70.0 /	14.08195 (101, 3)	22.37250 (101, 3)	26.82920 (101, 3)	28.05144 (101, 3)	25.07033 (101, 3)
60.0 /	15.44312 (101, 4)	24.69469 (101, 4)	29.67348 (101, 4)	32.01992 (101, 4)	28.38496 (101, 4)
50.0 /	13.11741 (106, 5)	20.72733 (35, 5)	25.09629 (35, 5)	26.74866 (35, 5)	23.92236 (106, 5)
40.0 /	20.17035 (271, 4)	32.27711 (271, 4)	39.05600 (271, 4)	40.99066 (271, 4)	37.09343 (271, 4)
30.0 /	17.67847 (88, 4)	26.46667 (88, 4)	30.68138 (88, 4)	35.13741 (88, 4)	34.11125 (88, 4)
20.0 /	22.74900 (271, 5)	36.28660 (271, 5)	43.51397 (271, 5)	46.00476 (88, 5)	46.74392 (88, 5)
10.0 /	18.47276 (271, 5)	29.15498 (271, 5)	34.68399 (271, 5)	36.22531 (271, 5)	32.01722 (271, 5)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 86.45477 AND OCCURRED AT (250.0, 280.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	22.67962 (105, 4)	23.46458 (105, 4)	23.65254 (105, 4)	23.27501 (105, 4)
350.0 /	20.78182 (105, 4)	19.49110 (124, 3)	19.06956 (156, 4)	18.97899 (156, 4)
340.0 /	21.99198 (58, 5)	22.23785 (58, 5)	22.82697 (156, 4)	23.31599 (121, 5)
330.0 /	28.58842 (182, 5)	31.03569 (182, 5)	31.92674 (94, 4)	30.73113 (94, 4)
320.0 /	27.75071 (217, 5)	29.24367 (217, 5)	30.11635 (217, 5)	30.12572 (217, 5)
310.0 /	32.71423 (126, 4)	33.12115 (126, 4)	31.18177 (295, 5)	28.10678 (295, 5)
300.0 /	53.95240 (72, 6)	48.34149 (72, 6)	43.53433 (72, 6)	39.42954 (72, 6)
290.0 /	57.55376 (332, 5)	51.58966 (332, 5)	46.42741 (332, 5)	41.98946 (332, 5)
280.0 /	74.66797 (266, 4)	67.54235 (266, 4)	60.83554 (266, 4)	54.79825 (266, 4)
270.0 /	64.42366 (361, 5)	57.54028 (361, 5)	51.55529 (361, 5)	46.39507 (361, 5)
260.0 /	45.23096 (331, 8)	40.29890 (331, 8)	36.16686 (75, 4)	32.78426 (75, 4)
250.0 /	63.16829 (350, 4)	56.60835 (350, 4)	50.86062 (350, 4)	45.86475 (350, 4)
240.0 /	54.27859 (281, 5)	48.43716 (281, 5)	43.46263 (281, 5)	39.23617 (281, 5)
230.0 /	51.37180 (280, 4)	45.87607 (280, 4)	41.12941 (280, 4)	37.05715 (280, 4)
220.0 /	50.98529 (282, 5)	45.69808 (282, 5)	41.05824 (282, 5)	37.02630 (282, 5)
210.0 /	33.18346 (282, 6)	29.56091 (282, 6)	26.45042 (282, 6)	23.79025 (282, 6)
200.0 /	33.47038 (282, 5)	30.10783 (282, 5)	27.13526 (282, 5)	24.53831 (282, 5)
190.0 /	28.39604 (311, 5)	25.31408 (311, 5)	22.68620 (311, 5)	20.45218 (311, 5)
180.0 /	56.32893 (327, 8)	50.36918 (327, 8)	45.19148 (327, 8)	40.72640 (327, 8)
170.0 /	45.97220 (342, 2)	40.86344 (342, 2)	36.53540 (342, 2)	32.87390 (342, 2)
160.0 /	57.29810 (270, 8)	51.15890 (270, 8)	45.88299 (270, 8)	41.37246 (270, 8)
150.0 /	51.99166 (270, 7)	46.48915 (270, 7)	41.72680 (270, 7)	37.63332 (270, 7)
140.0 /	53.44324 (328, 5)	48.02882 (328, 5)	43.27917 (328, 5)	39.14662 (328, 5)
130.0 /	31.05235 (59, 5)	29.08093 (59, 5)	27.27022 (59, 5)	25.60890 (59, 5)
120.0 /	33.45962 (89, 3)	30.03712 (89, 3)	27.04168 (89, 3)	24.44491 (89, 3)
110.0 /	34.38102 (89, 5)	31.11773 (89, 5)	27.92006 (89, 5)	24.99049 (89, 5)
100.0 /	55.46011 (108, 6)	49.74039 (108, 6)	44.71331 (108, 6)	40.33936 (108, 6)
90.0 /	48.62789 (101, 5)	43.67790 (101, 5)	39.28831 (101, 5)	35.45306 (101, 5)
80.0 /	25.09035 (328, 4)	22.29105 (328, 4)	20.04962 (107, 5)	19.09205 (107, 5)
70.0 /	22.81463 (253, 5)	22.57496 (253, 5)	22.10614 (253, 5)	21.34676 (253, 5)
60.0 /	25.15913 (101, 4)	25.08835 (35, 6)	22.54155 (35, 6)	20.34961 (35, 6)
50.0 /	22.36009 (27, 5)	21.06827 (27, 5)	19.81847 (27, 5)	18.63138 (27, 5)
40.0 /	34.91458 (106, 5)	33.15379 (106, 5)	31.09521 (106, 5)	28.97642 (106, 5)
30.0 /	31.53148 (88, 4)	28.49252 (88, 4)	26.40857 (88, 5)	24.49768 (88, 5)
20.0 /	44.78361 (88, 5)	41.74288 (88, 5)	38.42796 (88, 5)	35.20362 (88, 5)
10.0 /	28.23335 (271, 5)	24.96056 (271, 5)	22.17323 (271, 5)	19.80921 (271, 5)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER. DAY	X	Y(METERS)	RANK	CON.	PER. DAY	X	Y(METERS)
			OR	OR				OR	OR
			RANGE	DIRECTION				RANGE	DIRECTION
			(METERS)	(DEGREES)				(METERS)	(DEGREES)
1	133.79240	5 283	250.0	220.0	26	84.84160	4 41	300.0	280.0
2	127.88220	5 283	200.0	220.0	27	84.13496	1 329	200.0	160.0
3	126.30740	4 88	250.0	20.0	28	83.59004	5 89	350.0	100.0
4	121.82120	5 283	300.0	220.0	29	82.85616	4 88	500.0	20.0
5	119.13970	4 88	300.0	20.0	30	82.78574	3 328	200.0	140.0
6	116.69430	4 88	200.0	20.0	31	82.07021	1 88	200.0	360.0
7	110.20220	5 283	350.0	220.0	32	81.55000	5 283	500.0	220.0
8	109.88860	4 88	350.0	20.0	33	81.50491	4 266	300.0	280.0
9	105.87320	5 283	150.0	220.0	34	80.75018	4 72	300.0	290.0
10	100.29520	4 88	400.0	20.0	35	80.60902	4 295	250.0	300.0
11	99.52187	5 283	400.0	220.0	36	80.49675	5 361	250.0	270.0
12	97.47475	4 88	150.0	20.0	37	79.78833	5 292	200.0	270.0
13	96.61816	5 89	250.0	100.0	38	79.54926	1 329	300.0	160.0
14	94.23440	4 41	250.0	280.0	39	79.24774	4 282	250.0	230.0
15	91.17776	4 88	450.0	20.0	40	78.44061	4 350	250.0	250.0
16	91.00471	5 89	300.0	100.0	41	78.28122	3 328	300.0	140.0
17	90.02625	4 72	250.0	290.0	42	77.82344	4 266	200.0	280.0
18	89.97234	5 283	450.0	220.0	43	77.16901	5 327	250.0	180.0
19	89.05408	1 329	250.0	160.0	44	76.82592	5 361	200.0	270.0
20	88.42384	4 41	200.0	280.0	45	76.63557	5 292	300.0	270.0
21	87.42143	3 328	250.0	140.0	46	76.10286	4 41	350.0	280.0
22	87.37657	5 89	200.0	100.0	47	75.93445	5 89	400.0	100.0
23	86.45477	4 266	250.0	280.0	48	75.34120	4 350	200.0	250.0
24	85.70162	5 292	250.0	270.0	49	74.66797	4 266	350.0	280.0
25	85.19128	4 72	200.0	290.0	50	74.58363	4 22	250.0	240.0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 35.11356 AND OCCURRED AT (250.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	6.62343 (88, 1)	10.39337 (88, 1)	12.42985 (88, 1)	11.62246 (88, 1)	9.19934 (88, 1)
350.0 /	1.83884 (124, 1)	2.95044 (124, 1)	3.78896 (124, 1)	4.28893 (124, 1)	4.00949 (124, 1)
340.0 /	.97907 (114, 1)	1.44463 (114, 1)	2.32099 (105, 1)	3.07898 (105, 1)	3.39349 (105, 1)
330.0 /	1.94299 (195, 1)	3.36433 (195, 1)	4.39795 (195, 1)	4.69697 (195, 1)	5.48716 (94, 1)
320.0 /	3.00824 (94, 1)	4.88977 (94, 1)	6.54404 (94, 1)	7.82282 (94, 1)	7.58350 (94, 1)
310.0 /	4.35273 (323, 1)	6.81104 (323, 1)	8.08522 (323, 1)	8.51625 (323, 1)	7.54353 (323, 1)
300.0 /	9.09795 (295, 1)	14.43910 (295, 1)	17.32068 (295, 1)	18.68551 (295, 1)	16.37823 (295, 1)
290.0 /	11.40950 (332, 1)	18.46044 (332, 1)	22.38774 (332, 1)	24.09947 (332, 1)	21.43616 (332, 1)
280.0 /	15.06676 (41, 1)	23.79644 (41, 1)	28.51614 (41, 1)	29.71157 (41, 1)	25.88290 (41, 1)
270.0 /	15.44602 (266, 1)	24.52172 (266, 1)	29.41796 (266, 1)	32.50831 (266, 1)	29.88056 (266, 1)
260.0 /	12.46414 (362, 1)	19.45063 (362, 1)	23.03577 (362, 1)	24.39749 (362, 1)	21.52400 (362, 1)
250.0 /	11.85674 (267, 1)	19.03775 (267, 1)	22.97613 (267, 1)	25.38278 (267, 1)	23.36080 (267, 1)
240.0 /	10.86798 (304, 1)	17.37256 (304, 1)	20.97088 (304, 1)	22.90947 (304, 1)	20.46385 (304, 1)
230.0 /	10.57874 (282, 1)	16.73797 (282, 1)	20.05883 (282, 1)	20.99777 (282, 1)	18.28996 (282, 1)
220.0 /	13.77534 (283, 1)	21.87226 (283, 1)	26.42336 (283, 1)	27.82530 (283, 1)	24.78058 (283, 1)
210.0 /	4.61662 (282, 1)	7.25242 (282, 1)	8.64159 (282, 1)	9.12455 (282, 1)	8.05666 (282, 1)
200.0 /	4.06456 (312, 1)	6.24407 (312, 1)	7.34706 (312, 1)	7.94397 (312, 1)	6.95589 (312, 1)
190.0 /	6.72733 (313, 1)	10.55436 (313, 1)	12.66872 (313, 1)	13.54623 (313, 1)	11.57500 (313, 1)
180.0 /	12.77924 (311, 1)	20.34035 (311, 1)	24.42550 (311, 1)	26.45964 (311, 1)	23.46598 (311, 1)
170.0 /	11.46395 (342, 1)	17.98503 (342, 1)	21.37873 (342, 1)	22.66422 (342, 1)	20.00613 (342, 1)
160.0 /	8.84022 (329, 1)	13.98659 (329, 1)	16.70975 (329, 1)	17.63219 (329, 1)	15.70643 (328, 1)
150.0 /	6.64965 (328, 1)	10.37192 (270, 1)	12.50212 (270, 1)	13.22299 (270, 1)	11.79268 (270, 1)
140.0 /	17.85058 (328, 1)	28.03960 (328, 1)	33.53456 (328, 1)	35.11356 (328, 1)	31.55025 (328, 1)
130.0 /	8.07632 (328, 1)	12.31426 (328, 1)	14.41414 (328, 1)	14.98140 (328, 1)	13.24769 (328, 1)
120.0 /	6.16149 (89, 1)	9.55974 (89, 1)	11.33229 (89, 1)	12.05316 (89, 1)	10.86272 (89, 1)
110.0 /	9.45257 (89, 1)	14.55613 (89, 1)	17.19856 (89, 1)	19.12639 (89, 1)	17.76648 (89, 1)
100.0 /	12.59483 (89, 1)	19.75131 (89, 1)	23.60557 (89, 1)	25.64167 (89, 1)	23.56351 (89, 1)
90.0 /	5.90681 (89, 1)	9.07193 (89, 1)	10.69284 (89, 1)	11.24760 (89, 1)	10.08232 (89, 1)
80.0 /	4.33158 (101, 1)	6.78503 (101, 1)	8.05912 (101, 1)	8.69338 (107, 1)	8.62714 (107, 1)
70.0 /	3.11467 (67, 1)	4.95455 (67, 1)	5.98517 (67, 1)	6.28048 (67, 1)	5.70295 (67, 1)
60.0 /	2.15483 (101, 1)	3.42887 (35, 1)	4.16011 (35, 1)	4.40952 (35, 1)	3.99180 (233, 1)
50.0 /	3.63265 (89, 1)	5.80674 (89, 1)	6.99559 (89, 1)	7.38426 (89, 1)	6.60979 (89, 1)
40.0 /	4.78095 (271, 1)	7.71095 (271, 1)	9.35930 (271, 1)	9.88467 (271, 1)	8.91780 (271, 1)
30.0 /	11.13069 (88, 1)	17.57710 (88, 1)	21.11689 (88, 1)	22.70101 (88, 1)	20.38275 (88, 1)
20.0 /	12.50074 (88, 1)	19.33204 (88, 1)	23.08574 (88, 1)	25.08216 (88, 1)	23.33175 (88, 1)
10.0 /	6.32544 (88, 1)	9.95649 (88, 1)	11.89728 (88, 1)	12.64205 (88, 1)	11.32969 (88, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 35.11356 AND OCCURRED AT (250.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	7.39753 (88, 1)	6.03021 (88, 1)	4.97661 (88, 1)	4.88801 (272, 1)
350.0 /	3.74055 (124, 1)	3.93903 (105, 1)	4.09857 (105, 1)	4.14284 (105, 1)
340.0 /	3.59694 (105, 1)	4.20788 (182, 1)	4.95220 (182, 1)	5.31115 (182, 1)
330.0 /	5.85490 (94, 1)	6.10139 (182, 1)	6.95469 (182, 1)	7.29331 (182, 1)
320.0 /	7.22992 (94, 1)	6.80201 (94, 1)	6.38433 (94, 1)	6.35455 (182, 1)
310.0 /	6.67358 (323, 1)	5.92179 (323, 1)	5.93413 (119, 1)	6.20756 (119, 1)
300.0 /	14.43494 (295, 1)	12.81986 (295, 1)	11.47766 (295, 1)	10.35573 (295, 1)
290.0 /	19.07334 (332, 1)	17.04517 (332, 1)	15.32294 (332, 1)	13.86150 (332, 1)
280.0 /	22.69854 (41, 1)	20.05671 (41, 1)	17.85887 (41, 1)	16.01974 (41, 1)
270.0 /	27.07602 (266, 1)	24.41566 (266, 1)	22.01990 (266, 1)	19.91201 (266, 1)
260.0 /	18.99158 (362, 1)	16.82911 (362, 1)	15.00189 (362, 1)	13.45925 (362, 1)
250.0 /	21.21078 (267, 1)	19.16845 (267, 1)	17.32439 (267, 1)	15.69720 (267, 1)
240.0 /	18.31618 (304, 1)	16.48226 (304, 1)	14.92649 (304, 1)	13.60346 (304, 1)
230.0 /	16.02418 (282, 1)	14.14215 (282, 1)	12.57710 (282, 1)	11.26868 (282, 1)
220.0 /	22.09768 (283, 1)	19.77699 (283, 1)	17.78421 (283, 1)	16.07497 (283, 1)
210.0 /	7.12427 (282, 1)	6.32940 (282, 1)	5.65687 (282, 1)	5.08768 (282, 1)
200.0 /	6.11538 (312, 1)	5.41427 (312, 1)	4.83080 (312, 1)	4.34284 (312, 1)
190.0 /	10.06439 (313, 1)	8.88484 (313, 1)	7.98972 (312, 1)	7.33337 (312, 1)
180.0 /	20.83375 (311, 1)	18.59207 (311, 1)	16.70022 (311, 1)	15.10226 (311, 1)
170.0 /	17.67508 (342, 1)	15.69240 (342, 1)	14.02186 (342, 1)	12.61411 (342, 1)
160.0 /	13.98693 (328, 1)	12.49882 (328, 1)	11.22726 (328, 1)	10.14336 (328, 1)
150.0 /	10.49097 (270, 1)	9.35482 (270, 1)	8.37962 (270, 1)	7.54659 (270, 1)
140.0 /	28.24575 (328, 1)	25.30769 (328, 1)	22.74537 (328, 1)	20.52799 (328, 1)
130.0 /	11.70897 (328, 1)	10.38207 (328, 1)	9.25065 (328, 1)	8.28837 (328, 1)
120.0 /	9.73607 (89, 1)	8.71571 (89, 1)	7.81547 (89, 1)	7.03137 (89, 1)
110.0 /	16.21608 (89, 1)	14.68544 (89, 1)	13.27190 (89, 1)	12.00742 (89, 1)
100.0 /	21.36159 (89, 1)	19.27332 (89, 1)	17.38857 (89, 1)	15.72544 (89, 1)
90.0 /	9.00098 (89, 1)	8.04245 (89, 1)	7.20953 (89, 1)	6.49115 (89, 1)
80.0 /	8.21337 (107, 1)	7.65360 (107, 1)	7.05886 (107, 1)	6.48284 (107, 1)
70.0 /	5.14860 (67, 1)	4.64318 (67, 1)	4.63222 (253, 1)	4.56237 (253, 1)
60.0 /	4.49332 (233, 1)	4.71848 (233, 1)	4.76122 (233, 1)	4.69085 (233, 1)
50.0 /	5.89677 (89, 1)	5.26871 (89, 1)	4.73773 (233, 1)	4.71472 (233, 1)
40.0 /	8.00508 (271, 1)	7.18679 (271, 1)	6.47012 (271, 1)	5.84846 (271, 1)
30.0 /	18.19285 (88, 1)	16.24013 (88, 1)	14.54420 (88, 1)	13.08619 (88, 1)
20.0 /	21.34727 (88, 1)	19.37615 (88, 1)	17.54314 (88, 1)	15.89262 (88, 1)
10.0 /	10.06505 (88, 1)	8.92990 (88, 1)	7.94361 (88, 1)	7.09808 (88, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 26.97761 AND OCCURRED AT (250.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.86686 (35, 1)	1.36887 (35, 1)	1.83970 (272, 1)	2.94197 (272, 1)	3.71184 (272, 1)
350.0 /	1.46722 (234, 1)	2.42449 (234, 1)	3.01921 (234, 1)	3.37010 (234, 1)	3.26839 (105, 1)
340.0 /	.84269 (195, 1)	1.35071 (105, 1)	1.84291 (114, 1)	2.47341 (124, 1)	2.89104 (58, 1)
330.0 /	1.40432 (58, 1)	2.22672 (58, 1)	3.01650 (94, 1)	4.60828 (94, 1)	4.41138 (213, 1)
320.0 /	2.57566 (65, 1)	3.87084 (65, 1)	4.62279 (65, 1)	4.80002 (213, 1)	5.27140 (213, 1)
310.0 /	3.91217 (295, 1)	6.15843 (295, 1)	7.30776 (295, 1)	7.84615 (295, 1)	6.87581 (295, 1)
300.0 /	7.13853 (301, 1)	11.35575 (301, 1)	13.62420 (301, 1)	14.51273 (301, 1)	12.82061 (301, 1)
290.0 /	8.34078 (216, 1)	13.24687 (216, 1)	16.01451 (216, 1)	17.86289 (216, 1)	16.71817 (216, 1)
280.0 /	12.81023 (366, 1)	20.37486 (366, 1)	24.49730 (366, 1)	25.74730 (366, 1)	22.29519 (366, 1)
270.0 /	13.45844 (362, 1)	21.17852 (362, 1)	25.34369 (362, 1)	26.97761 (362, 1)	24.14304 (362, 1)
260.0 /	10.03627 (331, 1)	15.84986 (331, 1)	18.99591 (331, 1)	19.69771 (331, 1)	17.65350 (267, 1)
250.0 /	11.60835 (362, 1)	18.34756 (362, 1)	21.95236 (362, 1)	23.40803 (362, 1)	20.83607 (362, 1)
240.0 /	10.28068 (298, 1)	16.36327 (298, 1)	19.68612 (298, 1)	21.15459 (298, 1)	18.49340 (298, 1)
230.0 /	9.27737 (269, 1)	14.70761 (269, 1)	17.67616 (269, 1)	18.89510 (269, 1)	16.55833 (269, 1)
220.0 /	8.40580 (282, 1)	13.10453 (282, 1)	15.57523 (282, 1)	16.08555 (282, 1)	14.20841 (282, 1)
210.0 /	3.66702 (284, 1)	5.80524 (284, 1)	6.92596 (284, 1)	7.40011 (284, 1)	6.52532 (284, 1)
200.0 /	3.01838 (282, 1)	4.78100 (282, 1)	5.73746 (282, 1)	6.02507 (282, 1)	5.40763 (282, 1)
190.0 /	5.61536 (312, 1)	8.72696 (312, 1)	10.55886 (312, 1)	11.74863 (312, 1)	10.61994 (312, 1)
180.0 /	11.60271 (327, 1)	18.30572 (327, 1)	21.86737 (327, 1)	23.21519 (327, 1)	20.62657 (327, 1)
170.0 /	6.86742 (327, 1)	10.70263 (329, 1)	12.68512 (329, 1)	13.37952 (327, 1)	11.84143 (327, 1)
160.0 /	8.71293 (328, 1)	13.77120 (328, 1)	16.49806 (328, 1)	17.62460 (328, 1)	15.64269 (329, 1)
150.0 /	6.46492 (270, 1)	9.94465 (328, 1)	11.87721C(341, 1)	12.61785C(341, 1)	11.26736C(341, 1)
140.0 /	4.32115 (107, 1)	6.74810 (107, 1)	8.03430 (107, 1)	9.00195 (107, 1)	8.17252 (107, 1)
130.0 /	5.35155 (59, 1)	8.41910 (59, 1)	10.15613 (59, 1)	11.23088 (59, 1)	10.13131 (59, 1)
120.0 /	2.71388 (176, 1)	4.31952 (176, 1)	5.60709 (176, 1)	6.35744 (176, 1)	6.19986 (176, 1)
110.0 /	2.91532C(341, 1)	4.68213C(341, 1)	5.71875C(341, 1)	6.16326C(341, 1)	5.57797C(341, 1)
100.0 /	7.45810 (108, 1)	11.67062 (108, 1)	14.16004 (108, 1)	15.23007 (108, 1)	13.77661 (108, 1)
90.0 /	4.28811 (27, 1)	6.91106 (27, 1)	8.36272 (27, 1)	8.73085 (107, 1)	8.32592 (107, 1)
80.0 /	3.73154 (107, 1)	5.93596 (107, 1)	7.35892 (107, 1)	8.58100 (101, 1)	7.56571 (101, 1)
70.0 /	2.56461 (101, 1)	4.01146 (101, 1)	4.75726 (101, 1)	5.01867 (101, 1)	4.45449 (253, 1)
60.0 /	2.11807 (35, 1)	3.37878 (101, 1)	4.03174 (101, 1)	4.26817 (101, 1)	3.95447 (35, 1)
50.0 /	1.79456 (35, 1)	2.86229 (35, 1)	3.44085 (35, 1)	3.68953 (35, 1)	3.77844 (233, 1)
40.0 /	4.16888 (89, 1)	6.54296 (89, 1)	7.82558 (89, 1)	8.17958 (89, 1)	7.37229 (89, 1)
30.0 /	3.04419 (271, 1)	4.69520 (271, 1)	5.52392 (271, 1)	5.81910 (271, 1)	5.12865 (271, 1)
20.0 /	4.11960 (271, 1)	6.47682 (271, 1)	7.71058 (271, 1)	8.13233 (271, 1)	7.19863 (271, 1)
10.0 /	3.14623 (271, 1)	4.90131 (271, 1)	5.83238 (271, 1)	6.01051 (271, 1)	5.09425 (271, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 1,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 26.97761 AND OCCURRED AT (250.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	4.26161 (272, 1)	4.61094 (272, 1)	4.80554 (272, 1)	4.15416 (88, 1)
350.0 /	3.69973 (105, 1)	3.48362 (124, 1)	3.24362 (124, 1)	3.02306 (124, 1)
340.0 /	3.48690 (182, 1)	3.68643 (105, 1)	3.71715 (105, 1)	3.82127 (145, 1)
330.0 /	5.29785 (182, 1)	5.90176 (94, 1)	5.82037 (94, 1)	5.62012 (94, 1)
320.0 /	5.49442 (213, 1)	5.64027 (182, 1)	6.18579 (182, 1)	5.95868 (94, 1)
310.0 /	6.03961 (295, 1)	5.58837 (65, 1)	5.72208 (258, 1)	5.76696 (258, 1)
300.0 /	11.33897 (301, 1)	10.07582 (301, 1)	9.00797 (301, 1)	8.10504 (301, 1)
290.0 /	15.41651 (216, 1)	14.12141 (216, 1)	12.91085 (216, 1)	11.81337 (216, 1)
280.0 /	19.47179 (366, 1)	17.16629 (366, 1)	15.27252 (366, 1)	13.70285 (366, 1)
270.0 /	21.56167 (362, 1)	19.29847 (362, 1)	17.34497 (362, 1)	15.66701 (362, 1)
260.0 /	16.05079 (267, 1)	14.49393 (267, 1)	13.07665 (267, 1)	11.82318 (267, 1)
250.0 /	18.52846 (362, 1)	16.53007 (362, 1)	14.82185 (362, 1)	13.36558 (362, 1)
240.0 /	16.27957 (298, 1)	14.66430 (22, 1)	13.26813 (22, 1)	12.05766 (22, 1)
230.0 /	14.58919 (269, 1)	12.94570 (269, 1)	11.57410 (269, 1)	10.42385 (269, 1)
220.0 /	12.56135 (282, 1)	11.14227 (282, 1)	9.92950 (282, 1)	8.89497 (282, 1)
210.0 /	5.75909 (284, 1)	5.10832 (284, 1)	4.56065 (284, 1)	4.10272 (251, 1)
200.0 /	4.83500 (282, 1)	4.32642 (282, 1)	3.88346 (282, 1)	3.50063 (282, 1)
190.0 /	9.61819 (312, 1)	8.74585 (312, 1)	7.94482 (313, 1)	7.18092 (313, 1)
180.0 /	18.30973 (327, 1)	16.30796 (327, 1)	14.60061 (327, 1)	13.14806 (327, 1)
170.0 /	10.48973 (327, 1)	9.33582 (327, 1)	8.35985 (327, 1)	7.53454 (327, 1)
160.0 /	13.86129 (329, 1)	12.32336 (329, 1)	11.01350 (329, 1)	9.90104 (329, 1)
150.0 /	10.04280C(341, 1)	8.97464C(341, 1)	8.05718C(341, 1)	7.27253C(341, 1)
140.0 /	7.36726 (107, 1)	6.63939 (107, 1)	6.00171 (107, 1)	5.44980 (107, 1)
130.0 /	9.17077 (59, 1)	8.34584 (59, 1)	7.63802 (59, 1)	7.02771 (59, 1)
120.0 /	5.91830 (176, 1)	5.57562 (176, 1)	5.21457 (176, 1)	4.85966 (176, 1)
110.0 /	5.02642C(341, 1)	4.53070C(341, 1)	4.09469C(341, 1)	3.71456C(341, 1)
100.0 /	12.47684 (108, 1)	11.31677 (108, 1)	10.29232 (108, 1)	9.39349 (108, 1)
90.0 /	7.69230 (107, 1)	7.00043 (107, 1)	6.33386 (107, 1)	5.72574 (107, 1)
80.0 /	6.67684 (101, 1)	5.92046 (101, 1)	5.28262 (101, 1)	4.74472 (101, 1)
70.0 /	4.60099 (253, 1)	4.62476 (253, 1)	4.19398 (67, 1)	3.79955 (67, 1)
60.0 /	3.53255 (35, 1)	3.28438 (253, 1)	3.26346 (253, 1)	3.17906 (253, 1)
50.0 /	4.34887 (233, 1)	4.63852 (233, 1)	4.72575 (89, 1)	4.25936 (89, 1)
40.0 /	6.61790 (89, 1)	5.94213 (89, 1)	5.34877 (89, 1)	4.83225 (89, 1)
30.0 /	4.52023 (271, 1)	4.00048 (271, 1)	3.56130 (271, 1)	3.19072 (271, 1)
20.0 /	6.36437 (271, 1)	5.64455 (271, 1)	5.03183 (271, 1)	4.68621 (174, 1)
10.0 /	4.37959 (271, 1)	3.92861C(87, 1)	3.94719C(87, 1)	3.87558C(87, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 1,

RANK	CON.	PER. DAY	X Y(METERS)		RANK	CON.	PER. DAY	X Y(METERS)	
			OR	OR				OR	OR
			RANGE	DIRECTION				RANGE	DIRECTION
			(METERS)	(DEGREES)				(METERS)	(DEGREES)
1	35.11356	1 328	250.0	140.0	26	24.52172	1 266	150.0	270.0
2	33.53456	1 328	200.0	140.0	27	24.49730	1 366	200.0	280.0
3	32.50831	1 266	250.0	270.0	28	24.42550	1 311	200.0	180.0
4	31.55025	1 328	300.0	140.0	29	24.41566	1 266	400.0	270.0
5	29.88056	1 266	300.0	270.0	30	24.39749	1 362	250.0	260.0
6	29.71157	1 41	250.0	280.0	31	24.14304	1 362	300.0	270.0
7	29.41796	1 266	200.0	270.0	32	24.09947	1 332	250.0	290.0
8	28.51614	1 41	200.0	280.0	33	23.79644	1 41	150.0	280.0
9	28.24575	1 328	350.0	140.0	34	23.60557	1 89	200.0	100.0
10	28.03960	1 328	150.0	140.0	35	23.56351	1 89	300.0	100.0
11	27.82530	1 283	250.0	220.0	36	23.46598	1 311	300.0	180.0
12	27.07602	1 266	350.0	270.0	37	23.40803	1 362	250.0	250.0
13	26.97761	1 362	250.0	270.0	38	23.36080	1 267	300.0	250.0
14	26.45964	1 311	250.0	180.0	39	23.33175	1 88	300.0	20.0
15	26.42336	1 283	200.0	220.0	40	23.21519	1 327	250.0	180.0
16	26.39285	1 292	250.0	270.0	41	23.08574	1 88	200.0	20.0
17	25.88290	1 41	300.0	280.0	42	23.03577	1 362	200.0	260.0
18	25.74730	1 366	250.0	280.0	43	22.97613	1 267	200.0	250.0
19	25.64167	1 89	250.0	100.0	44	22.90947	1 304	250.0	240.0
20	25.38278	1 267	250.0	250.0	45	22.74537	1 328	450.0	140.0
21	25.34369	1 362	200.0	270.0	46	22.70101	1 88	250.0	30.0
22	25.30769	1 328	400.0	140.0	47	22.69854	1 41	350.0	280.0
23	25.08216	1 88	250.0	20.0	48	22.66422	1 342	250.0	170.0
24	25.04003	1 292	200.0	270.0	49	22.58127	1 292	300.0	270.0
25	24.78058	1 283	300.0	220.0	50	22.38774	1 332	200.0	290.0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 706.32120 AND OCCURRED AT (300.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	31.44223 (88, 1)	138.06670 (88, 1)	250.22020 (88, 1)	256.39900 (88, 1)	174.58480 (88, 1)
350.0 /	.02968 (124, 9)	2.45609 (105,11)	15.23847 (105,11)	42.86907 (105,11)	76.30615 (105,11)
340.0 /	2.33710 (195, 3)	11.32202 (195, 3)	47.78964 (58,15)	102.44660 (58,15)	152.03110 (58,15)
330.0 /	5.39810 (195, 3)	27.26172 (195, 3)	50.03700 (195, 3)	102.44710 (58,15)	152.03180 (58,15)
320.0 /	.20984 (333,10)	10.26870 (182,15)	43.83975 (182,15)	97.15048 (182,15)	148.31980 (182,15)
310.0 /	24.15363 (149, 1)	87.59250 (149, 1)	148.99860 (149, 1)	178.89100 (149, 1)	204.45680 (126,12)
300.0 /	10.49963 (149, 1)	41.38192 (44,13)	144.96410 (143,17)	235.89320 (143,17)	284.09930 (143,17)
290.0 /	34.69407 (216,16)	131.19740 (216,16)	289.42670 (143,17)	475.83360 (143,17)	580.52560 (143,17)
280.0 /	14.31762 (366,11)	69.91673 (91,14)	224.22150 (266,12)	374.87560 (266,12)	463.35420 (266,12)
270.0 /	10.30556 (266,10)	104.92760 (91,14)	238.72600 (91,14)	352.89940 (91,14)	415.00280 (91,14)
260.0 /	8.87414 (350,12)	56.81999 (91,14)	183.57080 (267,12)	327.45700 (267,12)	426.36840 (267,12)
250.0 /	31.92197 (350,11)	116.62940 (350,11)	201.49760 (350,11)	299.56800 (350,11)	324.05450 (350,11)
240.0 /	15.97035 (22,17)	69.63889 (22,17)	126.58350 (22,17)	209.43210 (22,17)	239.53820 (22,17)
230.0 /	17.45399 (283,16)	71.39761 (283,16)	125.98030 (283,16)	195.89270 (283,16)	266.12370 (268,13)
220.0 /	22.81713 (283,15)	95.66622 (283,15)	171.18480 (283,15)	269.06370 (283,15)	299.96070 (283,15)
210.0 /	130.20370 (137,17)	341.71190 (137,17)	535.86350 (137,17)	691.01140 (137,17)	706.32120 (137,17)
200.0 /	32.03851 (137,17)	96.27896 (105,16)	170.81950 (105,16)	266.70350 (105,16)	295.95490 (105,16)
190.0 /	1.73561 (282,13)	8.66709 (282,13)	15.40394 (282,13)	34.52291 (78,13)	61.59454 (78,13)
180.0 /	15.89220 (329, 6)	58.11781 (329, 6)	99.71729 (329, 6)	151.70700 (329, 6)	164.67820 (329, 6)
170.0 /	15.89231 (329, 6)	58.11824 (329, 6)	99.71806 (329, 6)	151.70820 (329, 6)	164.67950 (329, 6)
160.0 /	9.19352 (328,24)	41.96378 (328,24)	77.62422 (328,24)	137.42200 (328,24)	162.79740 (328,24)
150.0 /	23.28426 (328,19)	86.17808 (328,19)	150.07800 (328,19)	230.92110 (328,19)	253.42100 (328,19)
140.0 /	28.62229 (328,13)	105.10020 (328,13)	183.91200 (328,13)	283.98540 (328,13)	312.90660 (328,13)
130.0 /	23.28428 (328,18)	86.17812 (328,18)	150.07810 (328,18)	230.92120 (328,18)	256.94260 (107,14)
120.0 /	14.88657 (89,16)	57.59570 (89,16)	102.48080 (107,14)	191.20700 (107,14)	256.94300 (107,14)
110.0 /	22.58754 (89,15)	68.34644 (89,15)	173.54710 (89,13)	289.82250 (89,13)	357.38460 (89,13)
100.0 /	57.67305 (89,15)	183.15350 (89,15)	304.59630 (89,15)	424.08900 (89,15)	453.32540 (89,13)
90.0 /	39.55207 (89, 8)	142.40290 (89, 8)	246.79340 (89, 8)	376.70590 (107,12)	478.29490 (107,12)
80.0 /	30.48639 (108,16)	101.16880 (108,16)	168.56800 (108,16)	238.74990 (108,16)	251.04120 (108,16)
70.0 /	15.00348 (67,12)	70.68464 (67,12)	130.28370 (67,12)	217.95220 (67,12)	251.23810 (67,12)
60.0 /	1.38448 (67,12)	7.82708 (35,16)	16.05828 (35,16)	40.82144 (253,11)	72.66173 (253,11)
50.0 /	4.48688 (106,14)	22.88311 (106,14)	42.19026 (106,14)	84.07820 (89, 3)	106.94750 (89, 3)
40.0 /	25.45396 (89, 2)	103.43420 (89, 2)	184.44980 (89, 2)	289.12010 (89, 2)	321.89060 (89, 2)
30.0 /	15.31466 (88,11)	48.56523 (88,12)	178.66790 (88,12)	297.61490 (88,12)	366.20320 (88,12)
20.0 /	100.20650 (88,11)	297.39990 (88,11)	486.07350 (88,11)	654.49220 (88,11)	682.19640 (88,11)
10.0 /	5.86576 (88,11)	33.65454 (88,13)	121.01790 (88,13)	196.06580 (88,13)	234.96160 (88,13)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 706.32120 AND OCCURRED AT (300.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	122.65980 (88, 1)	97.76074 (105,12)	116.99650 (105,12)	132.01750 (105,12)
350.0 /	107.52080 (105,11)	132.75750 (105,11)	161.14740 (105,11)	181.79480 (105,11)
340.0 /	188.36090 (58,15)	211.45850 (58,15)	224.01730 (58,15)	228.95300 (58,15)
330.0 /	188.36180 (58,15)	211.45950 (58,15)	235.65670 (243,13)	250.98110 (243,13)
320.0 /	187.77450 (182,15)	214.23840 (182,15)	241.32430 (182,15)	256.89540 (182,15)
310.0 /	254.38580 (126,12)	286.80890 (126,12)	305.12980 (126,12)	313.13450 (126,12)
300.0 /	299.29430 (143,17)	317.25690 (99,11)	329.10490 (99,11)	330.82150 (99,11)
290.0 /	619.80420 (143,17)	619.50970 (143,17)	598.12320 (143,17)	566.72840 (143,17)
280.0 /	499.73050 (266,12)	503.44780 (266,12)	489.09540 (266,12)	465.71410 (266,12)
270.0 /	438.01310 (91,14)	437.08160 (91,14)	434.15080 (91,14)	419.21850 (91,14)
260.0 /	479.52990 (267,12)	499.92950 (267,12)	499.68890 (267,12)	487.35840 (267,12)
250.0 /	336.76320 (298,11)	340.08310 (298,11)	336.32030 (298,11)	334.65150 (131,13)
240.0 /	255.91950 (22,17)	262.92970 (22,17)	263.83350 (22,17)	260.86390 (22,17)
230.0 /	317.41670 (268,13)	346.39050 (268,13)	359.07700 (268,13)	360.77970 (268,13)
220.0 /	313.92350 (283,15)	316.94230 (283,15)	313.25580 (283,15)	305.62980 (283,15)
210.0 /	694.20110 (137,17)	666.95450 (137,17)	632.43090 (137,17)	595.29970 (137,17)
200.0 /	308.80850 (105,16)	311.16020 (105,16)	307.12730 (105,16)	299.37420 (105,16)
190.0 /	86.82865 (78,13)	107.14460 (78,13)	129.61890 (78,13)	146.14080 (78,13)
180.0 /	168.77690 (329, 6)	168.90630 (327,23)	167.90050 (327,23)	169.36900 (115,13)
170.0 /	169.99150 (174,17)	179.05120 (174,17)	189.82180 (231,13)	199.61290 (231,13)
160.0 /	178.80090 (328,24)	187.90980 (328,24)	192.19150 (328,24)	193.16850 (328,24)
150.0 /	262.30530 (328,19)	262.68470 (328,19)	258.02110 (328,19)	250.50790 (328,19)
140.0 /	325.16740 (328,13)	326.89750 (328,13)	322.28630 (328,13)	314.01250 (328,13)
130.0 /	295.65140 (107,14)	313.49530 (107,14)	317.39460 (107,14)	312.64220 (107,14)
120.0 /	295.65190 (107,14)	313.49570 (107,14)	317.39500 (107,14)	312.64270 (107,14)
110.0 /	384.35960 (89,13)	386.07110 (89,13)	373.94310 (89,13)	355.01500 (89,13)
100.0 /	489.70720 (89,13)	494.02190 (89,13)	480.49200 (89,13)	457.97470 (89,13)
90.0 /	527.46280 (107,12)	541.37080 (107,12)	534.28940 (107,12)	515.67220 (107,12)
80.0 /	250.96570 (108,16)	243.94190 (108,16)	234.98440 (107,13)	247.66470 (107,13)
70.0 /	269.80550 (67,12)	278.18010 (67,12)	279.84160 (67,12)	277.20280 (67,12)
60.0 /	102.35180 (253,11)	126.31310 (253,11)	153.14100 (253,11)	172.68610 (253,11)
50.0 /	123.76720 (89, 3)	135.42950 (89, 3)	143.05310 (89, 3)	147.62850 (89, 3)
40.0 /	336.76300 (89, 2)	340.08300 (89, 2)	336.32020 (89, 2)	328.38620 (89, 2)
30.0 /	393.13390 (88,12)	394.28640 (88,12)	381.41000 (88,12)	361.70530 (88,12)
20.0 /	679.59010 (88,11)	659.61260 (88,11)	630.67570 (88,11)	597.86380 (88,11)
10.0 /	246.31330 (88,13)	241.86560 (88,13)	229.59920 (88,13)	214.08930 (88,13)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 651.73760 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.31497 (88, 9)	1.77526 (88, 9)	9.69042 (106,11)	27.25734 (106,11)	49.18876 (105,12)
350.0 /	.02429 (234,14)	2.42046 (106,11)	15.04041 (106,11)	42.35661 (106,11)	75.45232 (106,11)
340.0 /	.02203 (58,15)	9.18243 (58,15)	20.03601 (243,13)	44.22006 (243,13)	76.43682 (181,11)
330.0 /	.07980 (333,10)	9.95379 (243,13)	47.78989 (58,15)	94.58282 (243,13)	144.57530 (243,13)
320.0 /	.07247 (323,13)	9.25898 (136,12)	39.74629 (136,12)	88.26509 (136,12)	134.96290 (136,12)
310.0 /	8.60065 (323,11)	38.39427 (323,11)	68.70660 (323,11)	137.25110 (126,12)	155.63510 (149, 1)
300.0 /	8.60070 (323,11)	40.25055 (143,17)	86.58188 (99,11)	172.37030 (99,11)	243.13450 (99,11)
290.0 /	12.43794 (323,14)	80.33633 (143,17)	229.11310 (216,16)	343.44760 (216,16)	374.03100 (216,16)
280.0 /	8.43692 (216,16)	64.42243 (366,11)	159.53090 (91,14)	234.28030 (91,14)	273.90330 (91,14)
270.0 /	7.43700 (362,11)	48.40900 (266,12)	178.14430 (266,12)	296.81920 (266,12)	365.30360 (266,12)
260.0 /	8.48535 (331,20)	46.14940 (267,12)	137.42970 (247,12)	256.98560 (247,12)	346.58380 (247,12)
250.0 /	25.45397 (298,11)	103.43410 (298,11)	184.44980 (298,11)	289.12020 (298,11)	321.89060 (298,11)
240.0 /	12.45990 (350,11)	43.60644 (283,16)	75.42577 (283,16)	115.50850 (283,16)	170.88300 (268,12)
230.0 /	7.90523 (282,11)	41.26172 (282,11)	95.30556 (268,13)	189.08650 (268,13)	216.26940 (283,16)
220.0 /	14.65626 (283,14)	68.97783 (283,14)	127.01230 (283,14)	212.31610 (283,14)	244.56780 (283,14)
210.0 /	8.53351 (282,16)	38.36116 (282,16)	68.72861 (282,16)	112.46510 (282,16)	131.98970 (74,13)
200.0 /	24.04392 (105,16)	77.86179 (137,17)	114.93960 (137,17)	142.79120 (270,13)	162.52490 (270,13)
190.0 /	.83986 (105,16)	2.87361 (105,16)	12.23887 (78,13)	31.71548 (115,13)	56.67313 (115,13)
180.0 /	11.95308 (327,23)	48.59668 (327,23)	86.22446 (327,23)	139.97070 (327,23)	157.56900 (327,23)
170.0 /	7.57925 (174,17)	38.45287 (174,17)	72.11523 (174,17)	129.14960 (174,17)	154.13780 (174,17)
160.0 /	4.04812 (329, 2)	21.31387 (329, 2)	40.88240 (329, 2)	80.40111 (329, 2)	101.07110 (329, 2)
150.0 /	22.31599 (130,18)	78.92551 (130,18)	133.82200 (130,18)	196.13380 (130,18)	209.40330 (130,18)
140.0 /	22.31609 (130,18)	78.92584 (130,18)	133.82260 (130,18)	196.13470 (130,18)	217.09340 (328,17)
130.0 /	5.17145 (328,23)	24.11809 (107,14)	102.48070 (107,14)	191.20680 (107,14)	253.42110 (328,18)
120.0 /	9.07201 (328,18)	38.37762 (176,18)	99.86736 (89,16)	153.20450 (89,16)	167.27130 (89,16)
110.0 /	14.88659 (89,16)	57.59581 (89,16)	109.21330 (89,15)	153.20470 (89,16)	191.33040 (89,12)
100.0 /	16.22085 (108,17)	69.76930 (108,17)	218.44210 (89,13)	366.05120 (89,13)	445.54630 (89,15)
90.0 /	30.48643 (108,16)	101.16900 (108,16)	218.20010 (107,12)	367.73020 (89, 8)	399.03290 (89, 8)
80.0 /	6.70568 (328,12)	29.19258 (328,12)	86.36120 (107,12)	147.05330 (107,12)	183.52910 (107,12)
70.0 /	2.41091 (101, 9)	14.49215 (101, 9)	27.94051 (101, 9)	55.23328 (101, 9)	75.01532 (86,12)
60.0 /	1.03033 (35,16)	5.87031 (67,12)	14.51243 (253,11)	37.28883 (35,16)	64.55382 (176,12)
50.0 /	3.56212 (89, 3)	21.48446 (89, 3)	42.03004 (89, 3)	74.55059 (106,14)	87.85239 (106,14)
40.0 /	7.57925 (271,11)	38.45285 (271,11)	83.36956 (224,15)	164.99350 (224,15)	231.55200 (224,15)
30.0 /	3.82897 (89, 2)	41.10733 (88,11)	75.45588 (88,13)	130.34860 (224,15)	182.18280 (224,15)
20.0 /	24.63439 (88,10)	103.02500 (88,10)	304.94680 (88,13)	500.87910 (88,13)	610.69550 (88,13)
10.0 /	3.47964 (88, 9)	21.43552 (88, 9)	42.05648 (88, 9)	84.34044 (88, 9)	107.46340 (88, 9)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* SECOND HIGHEST 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 651.73760 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	74.62383 (105,12)	83.93946 (106,11)	100.82600 (106,11)	113.33330 (106,11)
350.0 /	106.37610 (106,11)	131.39770 (106,11)	159.55360 (106,11)	180.05880 (106,11)
340.0 /	107.43460 (181,11)	132.37580 (181,11)	160.28250 (181,11)	180.49570 (181,11)
330.0 /	183.18270 (243,13)	209.11730 (243,13)	224.01840 (58,15)	228.95410 (58,15)
320.0 /	170.97380 (136,12)	195.09510 (136,12)	219.60600 (136,12)	233.79420 (136,12)
310.0 /	183.97450 (242,13)	209.94050 (242,13)	236.48880 (242,13)	251.78520 (242,13)
300.0 /	290.42650 (99,11)	295.26810 (143,17)	281.52680 (143,17)	263.58960 (143,17)
290.0 /	384.59630 (216,16)	382.83010 (216,16)	373.92730 (216,16)	361.15180 (216,16)
280.0 /	287.07300 (91,14)	284.36310 (91,14)	288.79840 (361,12)	296.50780 (361,12)
270.0 /	392.23970 (266,12)	407.35630 (224,18)	414.10120 (224,18)	409.49080 (224,18)
260.0 /	400.41850 (247,12)	426.35310 (247,12)	433.43220 (247,12)	428.65110 (247,12)
250.0 /	331.46310 (350,11)	328.53520 (350,11)	333.15020 (131,13)	328.38640 (298,11)
240.0 /	211.95690 (268,12)	238.24500 (268,12)	252.71980 (268,12)	258.62070 (268,12)
230.0 /	224.44520 (283,16)	224.92980 (283,16)	230.23050 (138,11)	242.71990 (138,11)
220.0 /	262.47600 (283,14)	270.46820 (283,14)	277.93010 (239,13)	284.67780 (239,13)
210.0 /	163.27600 (74,13)	182.99280 (74,13)	193.53350 (74,13)	197.46690 (74,13)
200.0 /	172.63090 (270,13)	181.67060 (282,13)	186.19630 (282,13)	187.33410 (282,13)
190.0 /	79.94566 (115,13)	98.67044 (115,13)	119.27080 (115,13)	134.49300 (115,13)
180.0 /	166.19400 (327,23)	167.50390 (329, 6)	163.16810 (329, 6)	164.63210 (327,23)
170.0 /	168.77840 (329, 6)	173.04490 (231,13)	183.32900 (174,17)	184.32570 (174,17)
160.0 /	116.08780 (329, 2)	126.91960 (252,12)	153.80100 (252,12)	173.36160 (252,12)
150.0 /	211.78790 (130,18)	207.83530 (130,18)	200.46890 (130,18)	193.16850 (329, 4)
140.0 /	230.54260 (328,17)	235.80180 (328,17)	235.79950 (328,17)	232.50700 (328,17)
130.0 /	262.30540 (328,18)	275.38810 (107,11)	293.74800 (107,11)	302.11810 (107,11)
120.0 /	172.08120 (89,16)	180.08660 (176,18)	184.46280 (176,18)	185.51580 (176,18)
110.0 /	238.51160 (89,12)	269.29630 (89,12)	286.81130 (89,12)	294.58500 (89,12)
100.0 /	445.89510 (89,15)	434.21710 (89,15)	416.31070 (89,15)	395.63420 (89,15)
90.0 /	409.54210 (89, 8)	407.33120 (89, 8)	397.79450 (89, 8)	384.29990 (89, 8)
80.0 /	198.84020 (107,12)	213.73370 (107,13)	233.37890 (108,16)	221.28310 (108,16)
70.0 /	105.82180 (86,12)	130.77300 (86,12)	158.87250 (86,12)	179.36110 (86,12)
60.0 /	90.57088 (176,12)	111.34750 (176,12)	134.17870 (176,12)	150.79970 (176,12)
50.0 /	95.74020 (106,14)	101.05620 (253,11)	121.86090 (253,11)	137.14230 (253,11)
40.0 /	275.39330 (224,15)	299.70630 (224,15)	309.87400 (224,15)	310.57690 (224,15)
30.0 /	215.75770 (224,15)	233.82890 (224,15)	240.79410 (224,15)	240.41790 (224,15)
20.0 /	651.73760 (88,13)	651.24510 (88,13)	628.65370 (88,13)	595.59960 (88,13)
10.0 /	124.49520 (88, 9)	137.70970 (87,12)	156.79130 (87,12)	169.92310 (87,12)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* 50 MAXIMUM 1-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	HOUR	DAY	X	Y(METERS)	RANK	CON.	HOUR	DAY	X	Y(METERS)
				OR	OR					OR	OR
				RANGE	DIRECTION					RANGE	DIRECTION
				(METERS)	(DEGREES)					(METERS)	(DEGREES)
1	706.32120	17	137	300.0	210.0	26	527.46280	12	107	350.0	90.0
2	694.20110	17	137	350.0	210.0	27	515.67220	12	107	500.0	90.0
3	691.01140	17	137	250.0	210.0	28	504.51880	12	88	400.0	20.0
4	682.19640	11	88	300.0	20.0	29	503.44780	12	266	400.0	280.0
5	679.59010	11	88	350.0	20.0	30	500.87910	13	88	250.0	20.0
6	666.95450	17	137	400.0	210.0	31	500.87000	12	88	350.0	20.0
7	659.61260	11	88	400.0	20.0	32	499.92950	12	267	400.0	260.0
8	654.49220	11	88	250.0	20.0	33	499.73050	12	266	350.0	280.0
9	651.73760	13	88	350.0	20.0	34	499.68890	12	267	450.0	260.0
10	651.24510	13	88	400.0	20.0	35	494.02190	13	89	400.0	100.0
11	632.43090	17	137	450.0	210.0	36	490.07190	12	88	450.0	20.0
12	630.67570	11	88	450.0	20.0	37	489.70720	13	89	350.0	100.0
13	628.65370	13	88	450.0	20.0	38	489.09540	12	266	450.0	280.0
14	619.80420	17	143	350.0	290.0	39	487.35840	12	267	500.0	260.0
15	619.50970	17	143	400.0	290.0	40	486.07350	11	88	200.0	20.0
16	610.69550	13	88	300.0	20.0	41	480.49200	13	89	450.0	100.0
17	598.12320	17	143	450.0	290.0	42	479.52990	12	267	350.0	260.0
18	597.86380	11	88	500.0	20.0	43	478.29490	12	107	300.0	90.0
19	595.59960	13	88	500.0	20.0	44	475.83360	17	143	250.0	290.0
20	595.29970	17	137	500.0	210.0	45	466.59210	12	88	500.0	20.0
21	580.52560	17	143	300.0	290.0	46	465.71410	12	266	500.0	280.0
22	566.72840	17	143	500.0	290.0	47	464.49580	12	88	300.0	20.0
23	541.37080	12	107	400.0	90.0	48	463.35420	12	266	300.0	280.0
24	535.86350	17	137	200.0	210.0	49	457.97470	13	89	500.0	100.0
25	534.28940	12	107	450.0	90.0	50	453.32540	13	89	300.0	100.0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 506.90300 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	10.48075 (88, 1)	46.02224 (88, 1)	83.40674 (88, 1)	85.46632 (88, 1)	58.19493 (88, 1)
350.0 /	.00989 (124, 3)	.89665 (105, 4)	5.87672 (105, 4)	16.93303 (105, 4)	30.81757 (105, 4)
340.0 /	.77903 (195, 1)	3.77401 (195, 1)	15.92988 (58, 5)	34.14996 (58, 5)	50.71719 (58, 5)
330.0 /	1.79937 (195, 1)	9.08724 (195, 1)	16.67900 (195, 1)	35.47085 (94, 4)	59.16217 (94, 4)
320.0 /	.06995 (333, 4)	3.42290 (182, 5)	14.61331 (182, 5)	32.40521 (182, 5)	52.97488 (94, 4)
310.0 /	8.05121 (149, 1)	29.19750 (149, 1)	49.66618 (149, 1)	59.63033 (149, 1)	75.21081 (126, 4)
300.0 /	3.49988 (149, 1)	13.79397 (44, 5)	48.32137 (143, 6)	78.63164 (143, 6)	94.72298 (143, 6)
290.0 /	11.56470 (216, 6)	43.73272 (216, 6)	96.47558 (143, 6)	158.61130 (143, 6)	193.51110 (143, 6)
280.0 /	4.77327 (366, 4)	36.47657 (266, 4)	104.70410 (266, 4)	178.55020 (266, 4)	218.51750 (266, 4)
270.0 /	4.37010 (362, 4)	34.97588 (91, 5)	88.58587 (266, 4)	147.24110 (266, 4)	176.82360 (266, 4)
260.0 /	3.18570 (350, 4)	18.94000 (91, 5)	61.63775 (267, 4)	110.61440 (267, 4)	144.30240 (267, 4)
250.0 /	13.59906 (350, 4)	51.72803 (350, 4)	90.06313 (350, 4)	137.27240 (350, 4)	150.35170 (350, 4)
240.0 /	5.32391 (22, 6)	23.22194 (22, 6)	42.21796 (22, 6)	69.97481 (22, 6)	80.21565 (22, 6)
230.0 /	5.82915 (283, 6)	23.87629 (283, 6)	42.13051 (283, 6)	65.58130 (283, 6)	88.80708 (268, 5)
220.0 /	17.04496 (283, 5)	76.24715 (283, 5)	138.62430 (283, 5)	225.87880 (283, 5)	256.70530 (283, 5)
210.0 /	43.40125 (137, 6)	113.90400 (137, 6)	178.62120 (137, 6)	230.33710 (137, 6)	235.44040 (137, 6)
200.0 /	10.67950 (137, 6)	32.09299 (105, 6)	56.93985 (105, 6)	88.90118 (105, 6)	98.65163 (105, 6)
190.0 /	.57854 (282, 5)	2.88903 (282, 5)	5.13465 (282, 5)	11.50764 (78, 5)	20.53151 (78, 5)
180.0 /	5.29740 (329, 2)	19.37260 (329, 2)	34.51993 (327, 8)	59.79042 (327, 8)	70.48782 (327, 8)
170.0 /	5.30175 (329, 2)	19.39445 (329, 2)	33.27433 (329, 2)	50.63520 (329, 2)	54.97081 (329, 2)
160.0 /	3.06451 (328, 8)	13.98793 (328, 8)	25.87474 (328, 8)	45.80740 (328, 8)	54.26649 (328, 8)
150.0 /	7.76152 (328, 7)	28.72767 (328, 7)	50.03003 (328, 7)	77.00000 (328, 7)	84.53146 (328, 7)
140.0 /	9.55082 (328, 5)	35.13655 (328, 5)	61.54095 (328, 5)	95.65936 (328, 5)	105.97540 (328, 5)
130.0 /	7.94731 (328, 6)	29.37613 (328, 6)	51.03639 (328, 6)	78.46666 (328, 6)	86.03957 (328, 6)
120.0 /	4.96276 (89, 6)	19.20739 (89, 6)	34.50958 (107, 5)	65.14650 (107, 5)	88.84569 (107, 5)
110.0 /	8.41023 (89, 5)	38.46902 (89, 5)	94.26827 (89, 5)	145.85590 (89, 5)	169.41860 (89, 5)
100.0 /	20.32730 (89, 5)	80.92650 (89, 5)	174.68830 (89, 5)	264.89410 (89, 5)	302.24170 (89, 5)
90.0 /	13.21275 (89, 3)	47.71819 (89, 3)	82.78212 (89, 3)	125.56860 (107, 4)	159.43160 (107, 4)
80.0 /	10.16221 (108, 6)	33.72314 (108, 6)	56.18957 (108, 6)	79.58357 (108, 6)	83.68060 (108, 6)
70.0 /	5.00121 (67, 4)	23.56304 (67, 4)	43.43173 (67, 4)	72.67718 (67, 4)	83.80586 (67, 4)
60.0 /	.46189 (67, 4)	2.61310 (35, 6)	5.35912 (35, 6)	13.62146 (253, 4)	25.64160 (233, 4)
50.0 /	1.67772 (89, 1)	8.96310 (89, 1)	16.91697 (89, 1)	32.71415 (89, 1)	40.98599 (89, 1)
40.0 /	8.59755 (89, 1)	35.14934 (89, 1)	62.71544 (89, 1)	99.10025 (89, 1)	110.95050 (89, 1)
30.0 /	7.13273 (88, 4)	34.61784 (88, 4)	88.04218 (88, 4)	136.98670 (88, 4)	160.02580 (88, 4)
20.0 /	42.59785 (88, 4)	153.84730 (88, 4)	298.55220 (88, 4)	440.36640 (88, 4)	490.43640 (88, 4)
10.0 /	2.55773 (88, 4)	11.21852 (88, 5)	40.34604 (88, 5)	65.39120 (88, 5)	78.41638 (88, 5)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 506.90300 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	45.93289 (105, 4)	58.73020 (105, 4)	70.59936 (105, 4)	79.81408 (105, 4)
350.0 /	44.37711 (105, 4)	55.97992 (105, 4)	68.43845 (105, 4)	80.17211 (156, 4)
340.0 /	63.16190 (58, 5)	72.10586 (58, 5)	79.45771 (58, 5)	94.17720 (156, 4)
330.0 /	80.14810 (94, 4)	96.58810 (94, 4)	108.42700 (94, 4)	148.92040 (182, 5)
320.0 /	70.83347 (94, 4)	92.67914 (182, 5)	133.32600 (182, 5)	175.54630 (182, 5)
310.0 /	96.69836 (126, 4)	112.48240 (126, 4)	123.19560 (126, 4)	129.85130 (126, 4)
300.0 /	105.64810 (99, 4)	116.61040 (99, 4)	122.26260 (99, 4)	124.22430 (99, 4)
290.0 /	206.63010 (143, 6)	206.64290 (143, 6)	199.80170 (143, 6)	189.87180 (143, 6)
280.0 /	237.34000 (266, 4)	242.43890 (266, 4)	239.50280 (266, 4)	232.16850 (266, 4)
270.0 /	189.27090 (266, 4)	190.92940 (266, 4)	186.50230 (266, 4)	178.92560 (266, 4)
260.0 /	162.85500 (267, 4)	170.40420 (267, 4)	170.96000 (267, 4)	167.36700 (267, 4)
250.0 /	155.39750 (350, 4)	155.45340 (350, 4)	152.58470 (350, 4)	148.08920 (350, 4)
240.0 /	90.47165 (269, 5)	101.63170 (269, 5)	108.50520 (269, 5)	114.73920 (133, 4)
230.0 /	105.95040 (268, 5)	115.64980 (268, 5)	119.91360 (268, 5)	120.50870 (268, 5)
220.0 /	272.68200 (283, 5)	278.66220 (283, 5)	278.24400 (283, 5)	273.85930 (283, 5)
210.0 /	231.40040 (137, 6)	222.31820 (137, 6)	210.81030 (137, 6)	198.43320 (137, 6)
200.0 /	102.93620 (105, 6)	103.72010 (105, 6)	102.37580 (105, 6)	99.79141 (105, 6)
190.0 /	28.94288 (78, 5)	35.71487 (78, 5)	43.20632 (78, 5)	48.71362 (78, 5)
180.0 /	77.37260 (327, 8)	81.43080 (327, 8)	83.48630 (327, 8)	84.14975 (327, 8)
170.0 /	56.66383 (174, 6)	59.68374 (174, 6)	63.27393 (231, 5)	66.53765 (231, 5)
160.0 /	59.60288 (328, 8)	62.64332 (328, 8)	65.01284 (329, 1)	73.35947 (252, 4)
150.0 /	87.54219 (328, 7)	87.72845 (328, 7)	88.85442 (252, 4)	104.51300 (252, 4)
140.0 /	110.94030 (328, 5)	112.40480 (328, 5)	111.70660 (328, 5)	109.70720 (328, 5)
130.0 /	98.71854 (107, 5)	104.72420 (107, 5)	106.07020 (107, 5)	104.51960 (107, 5)
120.0 /	103.91230 (107, 5)	112.04800 (107, 5)	115.33440 (107, 5)	115.43060 (107, 5)
110.0 /	177.21130 (89, 5)	175.43910 (89, 5)	168.56530 (89, 5)	159.29960 (89, 5)
100.0 /	315.94670 (89, 5)	315.00180 (89, 5)	305.97550 (89, 5)	292.91300 (89, 5)
90.0 /	175.82090 (107, 4)	180.45690 (107, 4)	178.09650 (107, 4)	171.89070 (107, 4)
80.0 /	83.65539 (108, 6)	81.31410 (108, 6)	78.32813 (107, 5)	82.55492 (107, 5)
70.0 /	90.04680 (67, 4)	92.89928 (67, 4)	93.51692 (67, 4)	92.69933 (67, 4)
60.0 /	40.38100 (233, 4)	54.46367 (233, 4)	66.71172 (233, 4)	76.71332 (233, 4)
50.0 /	47.20524 (89, 1)	51.61506 (89, 1)	54.59674 (89, 1)	56.48494 (89, 1)
40.0 /	116.84450 (89, 1)	118.78100 (89, 1)	118.23510 (89, 1)	116.17730 (89, 1)
30.0 /	167.55200 (88, 4)	165.71410 (88, 4)	158.92330 (88, 4)	149.84380 (88, 4)
20.0 /	506.90300 (88, 4)	502.72010 (88, 4)	487.08530 (88, 4)	465.70750 (88, 4)
10.0 /	82.28275 (88, 5)	80.89064 (88, 5)	76.88836 (88, 5)	71.79380 (88, 5)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 223.64430 AND OCCURRED AT (400.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.13058 (88, 3)	.83900 (88, 3)	5.53425 (105, 4)	16.65001 (105, 4)	31.25386 (105, 4)
350.0 /	.00810 (234, 5)	.80688 (106, 4)	5.01494 (106, 4)	14.12735 (106, 4)	25.19370 (106, 4)
340.0 /	.00734 (58, 5)	3.06081 (58, 5)	6.68320 (243, 5)	17.56250 (121, 5)	32.84240 (121, 5)
330.0 /	.02660 (333, 4)	3.33412 (243, 5)	15.93014 (58, 5)	34.15256 (58, 5)	50.72987 (58, 5)
320.0 /	.02416 (323, 5)	3.08633 (136, 4)	13.24876 (136, 4)	32.19583 (94, 4)	50.12475 (182, 5)
310.0 /	2.86688 (323, 4)	12.79809 (323, 4)	22.90223 (323, 4)	48.85467 (126, 4)	55.03698 (99, 4)
300.0 /	2.86690 (323, 4)	13.41685 (143, 6)	30.32355 (99, 4)	61.63173 (99, 4)	87.60298 (99, 4)
290.0 /	4.15150 (323, 5)	26.77878 (143, 6)	76.37195 (216, 6)	114.49940 (216, 6)	124.75590 (216, 6)
280.0 /	4.14310 (266, 4)	23.30576 (91, 5)	53.18572 (91, 5)	78.16481 (91, 5)	91.55800 (91, 5)
270.0 /	4.32384 (362, 5)	32.24598 (266, 4)	79.57561 (91, 5)	117.63530 (91, 5)	138.34190 (91, 5)
260.0 /	2.84065 (331, 7)	15.59358 (267, 4)	45.80990 (247, 4)	85.66187 (247, 4)	115.52790 (247, 4)
250.0 /	8.48875 (298, 4)	34.51784 (298, 4)	61.56083 (298, 4)	96.59065 (298, 4)	107.50960 (298, 4)
240.0 /	4.17544 (350, 4)	14.57227 (350, 4)	26.05396 (269, 5)	53.28439 (269, 5)	74.25692 (269, 5)
230.0 /	2.64401 (282, 4)	13.89382 (282, 4)	31.78406 (268, 5)	63.08939 (268, 5)	72.45699 (283, 6)
220.0 /	4.86397 (282, 5)	22.97040 (282, 5)	42.30990 (282, 5)	72.31528 (282, 5)	84.55622 (282, 5)
210.0 /	3.21889 (283, 5)	13.22294 (283, 5)	23.01450 (282, 6)	37.81450 (282, 6)	43.99657 (74, 5)
200.0 /	8.01464 (105, 6)	25.95393 (137, 6)	38.31319 (137, 6)	47.59707 (270, 5)	54.17495 (270, 5)
190.0 /	.27995 (105, 6)	.95787 (105, 6)	4.07962 (78, 5)	10.57183 (115, 5)	18.89104 (115, 5)
180.0 /	4.45107 (327, 8)	19.08082 (327, 8)	33.23910 (329, 2)	50.56900 (329, 2)	54.89273 (329, 2)
170.0 /	2.55300 (327, 8)	12.81763 (174, 6)	24.03841 (174, 6)	43.04988 (174, 6)	51.37927 (174, 6)
160.0 /	1.62310 (329, 1)	8.85094 (329, 1)	17.10860 (329, 1)	35.30224 (329, 1)	45.67765 (329, 1)
150.0 /	7.43866 (130, 6)	26.30850 (130, 6)	44.60732 (130, 6)	65.37794 (130, 6)	69.80110 (130, 6)
140.0 /	7.43870 (130, 6)	26.30861 (130, 6)	44.60754 (130, 6)	65.37822 (130, 6)	73.36189 (328, 6)
130.0 /	1.72382 (328, 8)	8.04015 (107, 5)	34.17234 (107, 5)	63.78365 (107, 5)	85.75238 (107, 5)
120.0 /	3.02403 (328, 6)	12.79254 (176, 6)	33.31003 (89, 6)	51.18891 (89, 6)	56.00918 (89, 6)
110.0 /	4.97304 (89, 6)	19.34035 (89, 6)	33.62876 (89, 6)	52.61693 (89, 6)	72.82101 (89, 4)
100.0 /	6.19827 (108, 6)	27.36869 (108, 6)	49.83226 (108, 6)	84.32248 (108, 6)	97.67535 (108, 6)
90.0 /	10.47404 (108, 6)	34.90791 (108, 6)	72.73337 (107, 4)	123.98630 (89, 3)	135.15960 (89, 3)
80.0 /	2.56712 (328, 4)	10.90498 (328, 4)	28.78707 (107, 4)	49.01778 (107, 4)	61.17636 (107, 4)
70.0 /	.80364 (101, 3)	4.83072 (101, 3)	9.31350 (101, 3)	18.41109 (101, 3)	25.00514 (86, 4)
60.0 /	.34414 (35, 6)	1.96776 (67, 4)	4.84012 (253, 4)	12.45502 (233, 4)	24.26434 (253, 4)
50.0 /	1.49711 (106, 5)	7.77045 (106, 5)	15.10052 (106, 5)	27.62807 (106, 5)	34.03447 (106, 5)
40.0 /	2.52642 (271, 4)	12.81762 (271, 4)	27.78985 (224, 5)	54.99813 (224, 5)	77.19907 (224, 5)
30.0 /	1.27640 (89, 1)	7.11484 (88, 5)	25.57355 (88, 5)	43.45372 (224, 5)	60.87555 (224, 5)
20.0 /	2.31505 (88, 5)	28.30381 (88, 5)	101.86060 (88, 5)	167.99400 (88, 5)	205.97320 (88, 5)
10.0 /	1.22720 (88, 3)	9.11866 (88, 4)	18.82611 (88, 4)	32.26844 (88, 3)	42.36893 (88, 3)

*** DER Key West 360 deg Downwash Scenario for 1984 b70

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 223.64430 AND OCCURRED AT (400.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	40.88660 (88, 1)	30.80987 (106, 4)	37.65906 (106, 4)	43.18326 (106, 4)
350.0 /	35.70837 (106, 4)	46.92619 (156, 4)	63.44493 (156, 4)	78.00285 (105, 4)
340.0 /	48.18726 (121, 5)	61.53639 (121, 5)	77.04938 (121, 5)	89.35979 (121, 5)
330.0 /	64.60889 (243, 5)	74.71613 (243, 5)	107.06160 (182, 5)	116.30940 (94, 4)
320.0 /	68.51611 (182, 5)	84.31189 (94, 4)	93.55373 (94, 4)	99.27589 (94, 4)
310.0 /	66.05472 (99, 4)	77.77686 (227, 5)	93.87805 (227, 5)	105.59760 (227, 5)
300.0 /	99.99098 (143, 6)	99.42596 (143, 6)	96.83523 (143, 6)	109.55570 (227, 5)
290.0 /	128.40240 (216, 6)	128.01500 (216, 6)	125.31660 (216, 6)	126.28800 (216, 5)
280.0 /	96.28921 (91, 5)	99.58279 (215, 4)	108.69870 (361, 4)	115.81580 (361, 4)
270.0 /	146.02170 (91, 5)	145.72390 (91, 5)	144.76110 (91, 5)	139.79770 (91, 5)
260.0 /	133.47290 (247, 4)	142.11860 (247, 4)	144.48210 (247, 4)	142.89970 (247, 4)
250.0 /	112.62540 (298, 4)	119.03910 (267, 5)	127.57860 (267, 5)	132.18280 (267, 5)
240.0 /	86.00726 (22, 6)	88.75005 (22, 6)	101.26130 (133, 4)	112.08230 (269, 5)
230.0 /	75.24400 (283, 6)	75.45755 (283, 6)	81.18613 (138, 4)	90.69609 (133, 4)
220.0 /	91.92145 (282, 5)	95.77336 (282, 5)	97.21804 (282, 5)	97.05414 (282, 5)
210.0 /	54.42535 (74, 5)	60.99760 (74, 5)	64.51116 (74, 5)	71.35091 (92, 4)
200.0 /	57.54364 (270, 5)	60.55691 (282, 5)	62.06544 (282, 5)	62.44471 (282, 5)
190.0 /	26.64856 (115, 5)	32.89015 (115, 5)	39.75692 (115, 5)	44.83099 (115, 5)
180.0 /	56.25897 (329, 2)	55.83463 (329, 2)	54.38936 (329, 2)	56.46070 (115, 5)
170.0 /	56.34282 (329, 2)	57.68164 (231, 5)	61.10966 (174, 6)	65.36203 (97, 5)
160.0 /	54.02531 (329, 1)	60.36180 (329, 1)	64.14555 (252, 4)	68.30711 (329, 1)
150.0 /	70.59597 (130, 6)	71.89706 (329, 2)	86.23999 (328, 7)	83.80446 (328, 7)
140.0 /	77.77815 (328, 6)	82.06152 (328, 3)	85.48389 (328, 3)	87.36303 (328, 3)
130.0 /	89.04230 (328, 6)	91.79619 (107, 4)	97.91622 (107, 4)	100.70630 (107, 4)
120.0 /	57.81394 (89, 6)	60.03009 (176, 6)	61.49052 (176, 6)	61.84444 (176, 6)
110.0 /	88.69872 (89, 4)	98.79904 (89, 4)	104.30690 (89, 4)	106.48510 (89, 4)
100.0 /	105.41260 (108, 6)	109.19410 (108, 6)	110.31870 (108, 6)	109.70240 (108, 6)
90.0 /	139.33250 (89, 3)	139.15840 (89, 3)	136.42780 (89, 3)	132.27200 (89, 3)
80.0 /	66.28008 (107, 4)	71.24458 (107, 5)	77.79307 (108, 6)	73.76112 (108, 6)
70.0 /	35.27399 (86, 4)	43.59109 (86, 4)	52.95758 (86, 4)	59.98675 (176, 4)
60.0 /	34.25145 (253, 4)	42.51048 (253, 4)	52.09610 (253, 4)	59.74091 (253, 4)
50.0 /	38.39474 (106, 5)	41.02931 (106, 5)	42.34859 (106, 5)	45.80796 (253, 4)
40.0 /	91.97603 (224, 5)	100.77140 (224, 5)	105.62330 (224, 5)	108.32350 (224, 5)
30.0 /	73.30402 (224, 5)	83.31718 (224, 5)	93.86554 (224, 5)	104.39290 (224, 5)
20.0 /	221.59810 (88, 5)	223.64430 (88, 5)	218.35130 (88, 5)	209.43420 (88, 5)
10.0 /	50.34111 (88, 3)	56.31915 (88, 3)	60.62101 (88, 3)	63.58026 (88, 3)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER. DAY	X Y(METERS)		RANK	CON.	PER. DAY	X Y(METERS)	
			OR RANGE (METERS)	OR DIRECTION (DEGREES)				OR RANGE (METERS)	OR DIRECTION (DEGREES)
1	506.90300	4 88	350.0	20.0	26	225.87880	5 283	250.0	220.0
2	502.72010	4 88	400.0	20.0	27	223.64430	5 88	400.0	20.0
3	490.43640	4 88	300.0	20.0	28	222.31820	6 137	400.0	210.0
4	487.08530	4 88	450.0	20.0	29	221.59810	5 88	350.0	20.0
5	465.70750	4 88	500.0	20.0	30	218.51750	4 266	300.0	280.0
6	440.36640	4 88	250.0	20.0	31	218.35130	5 88	450.0	20.0
7	315.94670	5 89	350.0	100.0	32	210.81030	6 137	450.0	210.0
8	315.00180	5 89	400.0	100.0	33	209.43420	5 88	500.0	20.0
9	305.97550	5 89	450.0	100.0	34	206.64290	6 143	400.0	290.0
10	302.24170	5 89	300.0	100.0	35	206.63010	6 143	350.0	290.0
11	298.55220	4 88	200.0	20.0	36	205.97320	5 88	300.0	20.0
12	292.91300	5 89	500.0	100.0	37	199.80170	6 143	450.0	290.0
13	278.66220	5 283	400.0	220.0	38	198.43320	6 137	500.0	210.0
14	278.24400	5 283	450.0	220.0	39	193.51110	6 143	300.0	290.0
15	273.85930	5 283	500.0	220.0	40	190.92940	4 266	400.0	270.0
16	272.68200	5 283	350.0	220.0	41	189.87180	6 143	500.0	290.0
17	264.89410	5 89	250.0	100.0	42	189.27090	4 266	350.0	270.0
18	256.70530	5 283	300.0	220.0	43	186.50230	4 266	450.0	270.0
19	242.43890	4 266	400.0	280.0	44	180.45690	4 107	400.0	90.0
20	239.50280	4 266	450.0	280.0	45	178.92560	4 266	500.0	270.0
21	237.34000	4 266	350.0	280.0	46	178.62120	6 137	200.0	210.0
22	235.44040	6 137	300.0	210.0	47	178.55020	4 266	250.0	280.0
23	232.16850	4 266	500.0	280.0	48	178.09650	4 107	450.0	90.0
24	231.40040	6 137	350.0	210.0	49	177.21130	5 89	350.0	110.0
25	230.33710	6 137	250.0	210.0	50	176.82360	4 266	300.0	270.0

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 91.91302 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	1.33158 (88, 1)	5.90391 (88, 1)	10.78764 (88, 1)	11.35827 (88, 1)	8.12246 (88, 1)
350.0 /	.00124 (124, 1)	.11689 (105, 1)	.77954 (105, 1)	2.32867 (105, 1)	4.40554 (105, 1)
340.0 /	.09741 (195, 1)	.51303 (195, 1)	1.99304 (58, 1)	4.28343 (58, 1)	6.39274 (58, 1)
330.0 /	.22501 (195, 1)	1.24290 (195, 1)	2.61147 (195, 1)	6.12591 (94, 1)	10.41896 (94, 1)
320.0 /	.00912C(333, 1)	.42786 (182, 1)	2.07362 (94, 1)	5.32472 (94, 1)	8.97562 (94, 1)
310.0 /	1.00640 (149, 1)	3.64971 (149, 1)	6.20833 (149, 1)	7.45479 (149, 1)	10.25098C(126, 1)
300.0 /	.43748 (149, 1)	1.72426 (44, 1)	6.12873 (143, 1)	10.21650 (143, 1)	12.75700 (143, 1)
290.0 /	1.48896 (216, 1)	6.28363 (216, 1)	12.70315 (216, 1)	21.26529 (216, 1)	25.82788 (216, 1)
280.0 /	.64434 (41, 1)	5.03257 (266, 1)	14.21965 (266, 1)	24.64300 (266, 1)	30.41239 (266, 1)
270.0 /	1.09537 (362, 1)	5.90893 (266, 1)	16.78218 (266, 1)	30.33957 (266, 1)	38.73257 (266, 1)
260.0 /	.52690 (362, 1)	2.75650 (267, 1)	9.51074 (267, 1)	17.96813 (267, 1)	23.79920 (267, 1)
250.0 /	1.70438 (350, 1)	6.50292 (350, 1)	11.33314 (350, 1)	17.42449 (350, 1)	19.24385 (267, 1)
240.0 /	.72945 (22, 1)	3.37802 (22, 1)	6.27375 (22, 1)	11.29991 (22, 1)	13.85834 (22, 1)
230.0 /	.87281 (283, 1)	3.57813 (283, 1)	7.45102 (268, 1)	15.08856 (268, 1)	21.05207 (268, 1)
220.0 /	2.18219 (283, 1)	9.88824 (283, 1)	18.04990 (283, 1)	29.88352 (283, 1)	34.38227 (283, 1)
210.0 /	5.42516 (137, 1)	14.23800 (137, 1)	22.32765 (137, 1)	28.79214 (137, 1)	29.43005 (137, 1)
200.0 /	1.33494 (137, 1)	4.01162 (105, 1)	7.11748 (105, 1)	11.11265 (105, 1)	12.33145 (105, 1)
190.0 /	.07232 (282, 1)	.36113 (282, 1)	.64183 (282, 1)	1.56933C(78, 1)	2.80505C(78, 1)
180.0 /	.71545 (329, 1)	2.96982 (327, 1)	5.45070 (327, 1)	10.05308 (327, 1)	12.40327 (327, 1)
170.0 /	.71108 (329, 1)	2.72427 (329, 1)	4.74685 (329, 1)	7.78529 (329, 1)	8.93388 (329, 1)
160.0 /	.45613 (328, 1)	2.15226 (328, 1)	4.01372 (328, 1)	7.52130 (328, 1)	9.29986 (328, 1)
150.0 /	1.34762 (328, 1)	5.09752 (328, 1)	8.80974 (328, 1)	13.89193 (328, 1)	15.42741 (328, 1)
140.0 /	3.30244 (328, 1)	13.28191 (328, 1)	23.70423 (328, 1)	39.17041 (328, 1)	44.80399 (328, 1)
130.0 /	1.47387 (328, 1)	5.64395 (328, 1)	9.81438 (328, 1)	15.63949 (328, 1)	18.90549 (107, 1)
120.0 /	.79381 (89, 1)	3.66379 (89, 1)	7.61327 (89, 1)	13.21778 (89, 1)	16.08949 (89, 1)
110.0 /	1.78061 (89, 1)	8.14308 (89, 1)	19.20909 (89, 1)	31.33437 (89, 1)	37.76504 (89, 1)
100.0 /	3.30049 (89, 1)	13.49891 (89, 1)	28.24960 (89, 1)	44.05704 (89, 1)	50.76743 (89, 1)
90.0 /	1.75930 (89, 1)	6.54202 (89, 1)	11.86501 (89, 1)	17.89146 (89, 1)	22.41984 (107, 1)
80.0 /	1.27028 (108, 1)	4.22221 (108, 1)	7.06582 (108, 1)	12.87121 (107, 1)	17.40615 (107, 1)
70.0 /	.62515 (67, 1)	2.94538 (67, 1)	5.42897 (67, 1)	9.08465 (67, 1)	10.47573 (67, 1)
60.0 /	.05774 (67, 1)	.32808 (35, 1)	.72139 (253, 1)	2.30487 (233, 1)	4.66377 (233, 1)
50.0 /	.20971 (89, 1)	1.12039 (89, 1)	2.11462 (89, 1)	4.08927 (89, 1)	5.12325 (89, 1)
40.0 /	1.07469 (89, 1)	4.39367 (89, 1)	7.83943 (89, 1)	12.38753 (89, 1)	13.86881 (89, 1)
30.0 /	1.09090 (88, 1)	6.03929 (88, 1)	15.83767 (88, 1)	26.00744 (88, 1)	31.34675 (88, 1)
20.0 /	5.63715 (88, 1)	22.92086 (88, 1)	50.33392 (88, 1)	76.62425 (88, 1)	87.78912 (88, 1)
10.0 /	.59533 (88, 1)	3.51884 (88, 1)	9.33092 (88, 1)	15.60611 (88, 1)	18.79525 (88, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM SOURCES: 2,
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 91.91302 AND OCCURRED AT (350.0, 20.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	6.06706 (88, 1)	7.56082 (124, 1)	9.37285 (124, 1)	10.88690 (124, 1)
350.0 /	6.55100 (105, 1)	8.51820 (105, 1)	10.60601 (105, 1)	12.30962 (105, 1)
340.0 /	8.01987 (58, 1)	9.24198 (58, 1)	11.35114 (182, 1)	19.67087 (182, 1)
330.0 /	14.29126 (94, 1)	17.36060 (94, 1)	19.98375 (94, 1)	29.25534 (182, 1)
320.0 /	12.21046 (94, 1)	14.71947 (94, 1)	19.26876 (182, 1)	27.29766 (182, 1)
310.0 /	13.26245C(126, 1)	15.51142C(126, 1)	17.63904 (258, 1)	20.51912 (258, 1)
300.0 /	15.57244 (99, 1)	17.88986 (99, 1)	19.47038 (99, 1)	20.80162 (119, 1)
290.0 /	28.83118 (216, 1)	30.56648 (216, 1)	31.37962 (216, 1)	31.55738 (216, 1)
280.0 /	33.33579 (266, 1)	34.35706 (266, 1)	34.22990 (266, 1)	33.44719 (266, 1)
270.0 /	43.81759 (266, 1)	46.45893 (266, 1)	47.47911 (266, 1)	47.46998 (266, 1)
260.0 /	27.42801 (267, 1)	29.35969 (267, 1)	30.14242 (267, 1)	30.18778 (267, 1)
250.0 /	23.38761 (267, 1)	26.20249 (267, 1)	27.97944 (267, 1)	28.99479 (267, 1)
240.0 /	15.85159 (22, 1)	17.35879 (22, 1)	18.47095 (22, 1)	19.26419 (22, 1)
230.0 /	25.20516 (268, 1)	27.73433 (268, 1)	29.03940 (268, 1)	29.49046 (268, 1)
220.0 /	36.94073 (283, 1)	38.15561 (283, 1)	38.48364 (283, 1)	38.24088 (283, 1)
210.0 /	28.92505 (137, 1)	27.78977 (137, 1)	26.35129 (137, 1)	24.80415 (137, 1)
200.0 /	12.86702 (105, 1)	12.96501 (105, 1)	12.79697 (105, 1)	12.47393 (105, 1)
190.0 /	4.00748C(78, 1)	5.14847C(78, 1)	6.65402C(78, 1)	8.14333C(78, 1)
180.0 /	14.17294 (327, 1)	15.45340 (327, 1)	16.34919 (327, 1)	16.94912 (327, 1)
170.0 /	9.71865 (329, 1)	10.21556 (329, 1)	10.50941 (329, 1)	12.13369 (97, 1)
160.0 /	10.62821 (328, 1)	11.58401 (328, 1)	12.25193 (328, 1)	12.70147 (328, 1)
150.0 /	16.12664 (328, 1)	16.28723 (328, 1)	16.11673 (328, 1)	15.74989 (328, 1)
140.0 /	48.00902 (328, 1)	49.53174 (328, 1)	49.94202 (328, 1)	49.63118 (328, 1)
130.0 /	22.56900 (107, 1)	24.66690 (107, 1)	25.61674 (107, 1)	25.78757 (107, 1)
120.0 /	17.87105 (89, 1)	18.81083 (89, 1)	19.16228 (89, 1)	19.12261 (89, 1)
110.0 /	41.15423 (89, 1)	42.40294 (89, 1)	42.30347 (89, 1)	41.40521 (89, 1)
100.0 /	53.77464 (89, 1)	54.38872 (89, 1)	53.60128 (89, 1)	52.04581 (89, 1)
90.0 /	25.05978 (107, 1)	26.04348 (107, 1)	25.99676 (107, 1)	25.35239 (107, 1)
80.0 /	20.46840 (107, 1)	22.29219 (107, 1)	23.20593 (107, 1)	23.49005 (107, 1)
70.0 /	11.25585 (67, 1)	11.61241 (67, 1)	11.68962 (67, 1)	11.58742 (67, 1)
60.0 /	7.24314 (233, 1)	9.65817 (233, 1)	11.71755 (233, 1)	13.36509 (233, 1)
50.0 /	6.71620 (233, 1)	9.11952 (233, 1)	11.24345 (233, 1)	13.01891 (233, 1)
40.0 /	14.60556 (89, 1)	14.84762 (89, 1)	14.77939 (89, 1)	14.52217 (89, 1)
30.0 /	33.95266 (88, 1)	34.82165 (88, 1)	34.69410 (88, 1)	34.02119 (88, 1)
20.0 /	91.91302 (88, 1)	91.71826 (88, 1)	89.14375 (88, 1)	85.37576 (88, 1)
10.0 /	20.25173 (88, 1)	20.63295 (88, 1)	20.40699 (88, 1)	19.85814 (88, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 28.30219 AND OCCURRED AT (500.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)				
	100.0	150.0	200.0	250.0	300.0
360.0 /	.00041 (271, 1)	.10130 (105, 1)	.70483 (105, 1)	2.11200 (105, 1)	3.98257 (105, 1)
350.0 /	.00101 (234, 1)	.10524C(106, 1)	.65412C(106, 1)	1.84272C(106, 1)	3.28627C(106, 1)
340.0 /	.00092 (58, 1)	.38264 (58, 1)	.97991 (195, 1)	2.19534 (121, 1)	4.10543 (121, 1)
330.0 /	.00347C(333, 1)	.43549C(243, 1)	2.35948 (94, 1)	4.28456 (58, 1)	6.88470 (213, 1)
320.0 /	.00570 (323, 1)	.42268C(136, 1)	1.85014C(136, 1)	4.24721C(136, 1)	6.78459C(136, 1)
310.0 /	.36685 (323, 1)	1.69003 (323, 1)	3.06147 (323, 1)	6.61059C(126, 1)	8.89196 (99, 1)
300.0 /	.37095 (323, 1)	1.68437 (143, 1)	3.96749 (99, 1)	8.36765 (99, 1)	12.38644 (99, 1)
290.0 /	.52253 (323, 1)	3.35146 (143, 1)	12.09386 (143, 1)	20.02079 (143, 1)	24.68820 (143, 1)
280.0 /	.60797 (366, 1)	3.55209 (41, 1)	6.79858 (41, 1)	13.37172 (41, 1)	16.90788 (41, 1)
270.0 /	.69940 (266, 1)	5.66279 (362, 1)	10.61578 (362, 1)	19.17800 (362, 1)	23.04286 (362, 1)
260.0 /	.49124 (331, 1)	2.71002 (362, 1)	6.24680C(247, 1)	11.68116C(247, 1)	15.75381C(247, 1)
250.0 /	1.08892 (298, 1)	4.54104 (298, 1)	8.16273 (298, 1)	13.66387 (267, 1)	19.24109 (350, 1)
240.0 /	.65717 (350, 1)	2.67078 (350, 1)	4.67962 (350, 1)	7.79121 (350, 1)	10.15641 (268, 1)
230.0 /	.56074 (282, 1)	2.91567 (282, 1)	6.24920 (283, 1)	9.97412 (282, 1)	12.11572 (282, 1)
220.0 /	1.08155 (282, 1)	5.16179 (282, 1)	9.46744 (282, 1)	16.29366 (282, 1)	19.07538 (282, 1)
210.0 /	.41237 (283, 1)	1.75178 (282, 1)	3.12552 (282, 1)	5.23304 (282, 1)	6.03270 (282, 1)
200.0 /	1.00183 (105, 1)	3.24424 (137, 1)	4.78915 (137, 1)	5.97720 (270, 1)	6.80976 (270, 1)
190.0 /	.03499 (105, 1)	.19216 (311, 1)	.55631C(78, 1)	1.32546 (115, 1)	2.37217 (115, 1)
180.0 /	.64950 (327, 1)	2.78306 (329, 1)	4.88812 (329, 1)	8.01843 (329, 1)	9.20601 (329, 1)
170.0 /	.43399 (327, 1)	1.92833 (327, 1)	3.46377 (327, 1)	6.12290 (327, 1)	7.26990 (327, 1)
160.0 /	.30676 (329, 1)	1.61584 (329, 1)	3.07217 (329, 1)	6.27566 (329, 1)	8.08717 (329, 1)
150.0 /	.92983 (130, 1)	3.28856 (130, 1)	5.57592 (130, 1)	8.17228 (130, 1)	8.72536 (130, 1)
140.0 /	.92984 (130, 1)	3.28858 (130, 1)	5.57594 (130, 1)	8.17231 (130, 1)	8.72540 (130, 1)
130.0 /	.07442 (176, 1)	1.49187 (107, 1)	6.79572 (107, 1)	13.44105 (107, 1)	17.48058 (328, 1)
120.0 /	.37987 (328, 1)	1.63140 (176, 1)	5.29317 (107, 1)	10.23622 (107, 1)	14.18982 (107, 1)
110.0 /	.19028 (108, 1)	.91974 (108, 1)	1.80341 (101, 1)	3.86709 (101, 1)	5.73684 (101, 1)
100.0 /	.77520 (108, 1)	3.63712 (108, 1)	7.55329 (108, 1)	13.72353 (108, 1)	17.33248 (108, 1)
90.0 /	1.30950 (108, 1)	4.49833 (108, 1)	9.88837 (107, 1)	17.42068 (107, 1)	19.66996 (89, 1)
80.0 /	.32089 (328, 1)	2.00237 (107, 1)	6.68324 (107, 1)	10.04482 (108, 1)	10.60787 (108, 1)
70.0 /	.10065 (101, 1)	.60582 (101, 1)	1.16807 (101, 1)	2.31701 (101, 1)	3.82953 (253, 1)
60.0 /	.04318 (35, 1)	.24597 (67, 1)	.68481 (233, 1)	2.10935 (253, 1)	3.88791 (253, 1)
50.0 /	.19528C(106, 1)	1.01357C(106, 1)	1.97312C(106, 1)	3.61097C(106, 1)	4.44432C(106, 1)
40.0 /	.36163 (271, 1)	1.95522 (271, 1)	3.73147 (271, 1)	7.07391 (271, 1)	9.65040 (224, 1)
30.0 /	.15955 (89, 1)	.66081 (271, 1)	2.75332 (224, 1)	5.43171 (224, 1)	7.60944 (224, 1)
20.0 /	.27381 (35, 1)	1.42771 (35, 1)	2.68239 (35, 1)	4.89208 (35, 1)	5.91453 (35, 1)
10.0 /	.04647 (271, 1)	.35022 (271, 1)	.97250C(87, 1)	2.79557C(87, 1)	5.14036C(87, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 2,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 28.30219 AND OCCURRED AT (500.0, 270.0) *

DIRECTION / (DEGREES) /	RANGE (METERS)			
	350.0	400.0	450.0	500.0
360.0 /	5.86709 (105, 1)	7.52420 (105, 1)	9.06625 (105, 1)	10.27291 (105, 1)
350.0 /	4.65766C(106, 1)	5.86577 (156, 1)	7.93062 (156, 1)	10.02151 (156, 1)
340.0 /	6.02378 (121, 1)	7.69283 (121, 1)	10.29744 (58, 1)	12.95492 (145, 1)
330.0 /	10.00739 (213, 1)	12.73572 (213, 1)	18.96461 (182, 1)	21.80658 (94, 1)
320.0 /	9.03577C(136, 1)	12.45368 (182, 1)	16.75215 (94, 1)	18.12799 (94, 1)
310.0 /	11.33413 (99, 1)	14.06895 (258, 1)	17.06884C(126, 1)	18.06402C(126, 1)
300.0 /	14.12347 (143, 1)	14.91948 (143, 1)	15.66687 (143, 1)	20.47191 (99, 1)
290.0 /	26.78778 (143, 1)	27.36046 (143, 1)	27.16310 (143, 1)	26.64454 (143, 1)
280.0 /	19.53322 (41, 1)	21.38324 (41, 1)	22.62344 (41, 1)	23.40005 (41, 1)
270.0 /	25.58688 (362, 1)	27.13129 (362, 1)	27.96411 (362, 1)	28.30219 (362, 1)
260.0 /	18.20086C(247, 1)	19.37982C(247, 1)	20.42292 (132, 1)	22.82694 (132, 1)
250.0 /	20.11950 (350, 1)	22.86011 (75, 1)	24.64139 (75, 1)	25.48978 (75, 1)
240.0 /	12.55317 (268, 1)	14.15966 (268, 1)	15.14395 (268, 1)	15.76105 (228, 1)
230.0 /	13.62479 (282, 1)	14.62952 (282, 1)	15.97465 (138, 1)	17.50760 (138, 1)
220.0 /	20.74726 (282, 1)	21.61691 (282, 1)	21.93684 (282, 1)	21.88961 (282, 1)
210.0 /	6.80415 (74, 1)	7.62591 (74, 1)	8.14238 (92, 1)	9.45977 (92, 1)
200.0 /	7.24456 (282, 1)	7.66078 (282, 1)	7.87250 (282, 1)	7.94232 (282, 1)
190.0 /	3.35135 (115, 1)	4.14207 (115, 1)	5.01057 (115, 1)	5.65377 (115, 1)
180.0 /	9.92335 (329, 1)	10.30441 (329, 1)	10.45525 (329, 1)	12.19053C(78, 1)
170.0 /	8.06729 (327, 1)	8.59555 (342, 1)	10.28983 (97, 1)	10.65917 (329, 1)
160.0 /	9.54495 (329, 1)	10.65655 (329, 1)	11.47845 (329, 1)	12.06668 (329, 1)
150.0 /	9.06433 (329, 1)	9.81916C(341, 1)	11.37913 (252, 1)	13.58498 (252, 1)
140.0 /	8.82462 (130, 1)	9.00567 (115, 1)	11.64450 (115, 1)	13.91836 (115, 1)
130.0 /	18.39056 (328, 1)	18.68930 (328, 1)	18.60702 (328, 1)	18.29383 (328, 1)
120.0 /	16.77809 (107, 1)	18.22223 (107, 1)	18.84413 (107, 1)	18.91483 (107, 1)
110.0 /	7.12499 (101, 1)	8.03119 (101, 1)	8.55419 (101, 1)	8.79938 (101, 1)
100.0 /	19.93917 (108, 1)	21.64514 (108, 1)	22.64399 (108, 1)	23.12251 (108, 1)
90.0 /	20.31007 (89, 1)	20.26243 (89, 1)	19.82976 (89, 1)	19.19577 (89, 1)
80.0 /	10.64160 (108, 1)	10.37189 (108, 1)	9.94429 (108, 1)	11.42310 (253, 1)
70.0 /	5.69972 (253, 1)	7.45914 (253, 1)	9.43032 (253, 1)	11.35040 (253, 1)
60.0 /	5.64505 (253, 1)	7.17029 (253, 1)	8.81644 (253, 1)	10.16159 (253, 1)
50.0 /	5.90066 (89, 1)	6.45188 (89, 1)	6.82459 (89, 1)	7.06062 (89, 1)
40.0 /	11.49827 (224, 1)	12.59891 (224, 1)	13.20749 (224, 1)	13.54956 (224, 1)
30.0 /	9.16301 (224, 1)	10.41470 (224, 1)	11.73363 (224, 1)	13.05130 (224, 1)
20.0 /	6.63354 (35, 1)	7.33844 (174, 1)	9.17112 (174, 1)	10.76383 (174, 1)
10.0 /	7.50072C(87, 1)	9.58122C(87, 1)	11.27156C(87, 1)	12.56742C(87, 1)

*** DER Key West 360 deg Downwash Scenario for 1984 b70 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM SOURCES: 2,

RANK	CON.	PER. DAY	X	Y(METERS)	RANK	CON.	PER. DAY	X	Y(METERS)
			OR	OR				OR	OR
			RANGE	DIRECTION				RANGE	DIRECTION
			(METERS)	(DEGREES)				(METERS)	(DEGREES)
1	91.91302	1 88	350.0	20.0	26	41.15423	1 89	350.0	110.0
2	91.71826	1 88	400.0	20.0	27	39.17041	1 328	250.0	140.0
3	89.14375	1 88	450.0	20.0	28	38.73257	1 266	300.0	270.0
4	87.78912	1 88	300.0	20.0	29	38.48364	1 283	450.0	220.0
5	85.37576	1 88	500.0	20.0	30	38.24088	1 283	500.0	220.0
6	76.62425	1 88	250.0	20.0	31	38.15561	1 283	400.0	220.0
7	54.38872	1 89	400.0	100.0	32	37.76504	1 89	300.0	110.0
8	53.77464	1 89	350.0	100.0	33	36.94073	1 283	350.0	220.0
9	53.60128	1 89	450.0	100.0	34	34.82165	1 88	400.0	30.0
10	52.04581	1 89	500.0	100.0	35	34.69410	1 88	450.0	30.0
11	50.76743	1 89	300.0	100.0	36	34.38227	1 283	300.0	220.0
12	50.33392	1 88	200.0	20.0	37	34.35706	1 266	400.0	280.0
13	49.94202	1 328	450.0	140.0	38	34.22990	1 266	450.0	280.0
14	49.63118	1 328	500.0	140.0	39	34.02119	1 88	500.0	30.0
15	49.53174	1 328	400.0	140.0	40	33.95266	1 88	350.0	30.0
16	48.00902	1 328	350.0	140.0	41	33.44719	1 266	500.0	280.0
17	47.47911	1 266	450.0	270.0	42	33.33579	1 266	350.0	280.0
18	47.46998	1 266	500.0	270.0	43	31.55738	1 216	500.0	290.0
19	46.45893	1 266	400.0	270.0	44	31.37962	1 216	450.0	290.0
20	44.80399	1 328	300.0	140.0	45	31.34675	1 88	300.0	30.0
21	44.05704	1 89	250.0	100.0	46	31.33437	1 89	250.0	110.0
22	43.81759	1 266	350.0	270.0	47	30.56648	1 216	400.0	290.0
23	42.40294	1 89	400.0	110.0	48	30.41239	1 266	300.0	280.0
24	42.30347	1 89	450.0	110.0	49	30.33957	1 266	250.0	270.0
25	41.40521	1 89	500.0	110.0	50	30.18778	1 267	500.0	260.0

RUN ENDED ON 09-13-88 AT 06:49:56

