

FUGITIVE DUST MODEL (FDM)
 VERSION 06101
 APR, 2006
 DATE AT START OF RUN: 11/23/06 TIME AT START OF RUN: 18:56:13

RUN TITLE:
 PAFF

INPUT FILE NAME: PAFF_update_v4_1.dat
 OUTPUT FILE NAME: PAFF_update_v4_1.lst

CONVERGENCE OPTION 1=OFF, 2=ON 1
 MET OPTION SWITCH 1=CARDS, 2=PREPROCESSED 1
 PLOT FILE OUTPUT, 1=NO, 2=YES 1
 MET DATA PRINT SWITCH, 1=NO, 2=YES 1
 POST-PROCESSOR OUTPUT, 1=NO, 2=YES 1
 DEP. VEL./GRAV. SETL. VEL., 1=DEFAULT, 2=USER 1
 PRINT 1-HOUR AVERAGE CONCEN, 1=NO, 2=YES 3
 PRINT 3-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
 PRINT 8-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
 PRINT 24-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
 PRINT LONG-TERM AVERAGE CONCEN, 1=NO, 2=YES 1
 BYPASS RAMMET CALMS RECOGNITION, 1=NO, 2=YES 1
 READ HOURLY EMISSION RATES, 1=NO, 2=YES 2
 NUMBER OF SOURCES PROCESSED 0
 NUMBER OF RECEPTORS PROCESSED 227
 NUMBER OF PARTICLE SIZE CLASSES 9
 NUMBER OF HOURS OF MET DATA PROCESSED 36
 LENGTH IN MINUTES OF 1-HOUR OF MET DATA 60.
 ROUGHNESS LENGTH IN CM 100.00
 SCALING FACTOR FOR SOURCE AND RECEPTORS 1.0000
 PARTICLE DENSITY IN G/CM**3 1.60
 ANEMOMETER HEIGHT IN M 10.00

GENERAL PARTICLE SIZE CLASS INFORMATION

PARTICLE SIZE CLASS	CHAR. DIA. (UM)	GRAV. SETTLING VELOCITY (M/SEC)	DEPOSITION VELOCITY (M/SEC)	FRACTION IN EACH SIZE CLASS
1	0.5000000	**	**	0.0400
2	1.5000000	**	**	0.0700
3	2.2500000	**	**	0.0400
4	2.7500000	**	**	0.0300
5	3.5000000	**	**	0.0700
6	4.5000000	**	**	0.0500
7	5.5000000	**	**	0.0400
8	8.0000000	**	**	0.1700
9	20.0000000	**	**	0.4900

*** COMPUTED BY FDM

RECEPTOR COORDINATES (X,Y,Z)

(810100., 825150., 2.)	(810150., 825150., 2.)	(810200., 825150., 2.)
(810250., 825150., 2.)	(810300., 825150., 2.)	(810350., 825150., 2.)
(810400., 825150., 2.)	(810450., 825150., 2.)	(810500., 825150., 2.)
(810550., 825150., 2.)	(810600., 825150., 2.)	(810650., 825150., 2.)
(810700., 825150., 2.)	(810750., 825150., 2.)	(810800., 825150., 2.)
(810850., 825150., 2.)	(810900., 825150., 2.)	(810950., 825150., 2.)
(811000., 825200., 2.)	(811050., 825200., 2.)	(811100., 825200., 2.)
(811150., 825200., 2.)	(811200., 825200., 2.)	(811250., 825200., 2.)
(811300., 825200., 2.)	(811350., 825200., 2.)	(811400., 825200., 2.)
(811450., 825200., 2.)	(811500., 825200., 2.)	(811550., 825200., 2.)
(811600., 825200., 2.)	(811650., 825200., 2.)	(811700., 825200., 2.)
(811750., 825200., 2.)	(811800., 825200., 2.)	(811850., 825200., 2.)
(811900., 825200., 2.)	(811950., 825200., 2.)	(812000., 825200., 2.)
(812050., 825250., 2.)	(812100., 825250., 2.)	(812150., 825250., 2.)
(812200., 825250., 2.)	(812250., 825250., 2.)	(812300., 825250., 2.)
(812350., 825250., 2.)	(812400., 825250., 2.)	(812450., 825250., 2.)
(812500., 825250., 2.)	(812550., 825250., 2.)	(812600., 825250., 2.)
(812650., 825250., 2.)	(812700., 825250., 2.)	(812750., 825250., 2.)
(812800., 825250., 2.)	(812850., 825250., 2.)	(812900., 825250., 2.)
(812950., 825250., 2.)	(813000., 825250., 2.)	(813050., 825250., 2.)
(813100., 825250., 2.)	(813150., 825250., 2.)	(813200., 825250., 2.)
(813250., 825250., 2.)	(813300., 825250., 2.)	(813350., 825250., 2.)
(813400., 825250., 2.)	(813450., 825250., 2.)	(813500., 825250., 2.)
(813550., 825250., 2.)	(813600., 825250., 2.)	(813650., 825250., 2.)
(813700., 825250., 2.)	(813750., 825250., 2.)	(813800., 825250., 2.)
(813850., 825250., 2.)	(813900., 825250., 2.)	(813950., 825250., 2.)
(814000., 825250., 2.)	(814050., 825250., 2.)	(814100., 825250., 2.)
(814150., 825250., 2.)	(814200., 825250., 2.)	(814250., 825250., 2.)
(814300., 825250., 2.)	(814350., 825250., 2.)	(814400., 825250., 2.)
(814450., 825250., 2.)	(814500., 825250., 2.)	(814550., 825250., 2.)
(814600., 825250., 2.)	(814650., 825250., 2.)	(814700., 825250., 2.)
(814750., 825250., 2.)	(814800., 825250., 2.)	(814850., 825250., 2.)
(814900., 825250., 2.)	(814950., 825250., 2.)	(815000., 825250., 2.)
(815050., 825250., 2.)	(815100., 825250., 2.)	(815150., 825250., 2.)
(815200., 825250., 2.)	(815250., 825250., 2.)	(815300., 825250., 2.)
(815350., 825250., 2.)	(815400., 825250., 2.)	(815450., 825250., 2.)
(815500., 825250., 2.)	(815550., 825250., 2.)	(815600., 825250., 2.)
(815650., 825250., 2.)	(815700., 825250., 2.)	(815750., 825250., 2.)
(815800., 825250., 2.)	(815850., 825250., 2.)	(815900., 825250., 2.)
(815950., 825250., 2.)	(816000., 825250., 2.)	(816050., 825250., 2.)
(816100., 825250., 2.)	(816150., 825250., 2.)	(816200., 825250., 2.)
(816250., 825250., 2.)	(816300., 825250., 2.)	(816350., 825250., 2.)
(816400., 825250., 2.)	(816450., 825250., 2.)	(816500., 825250., 2.)
(816550., 825250., 2.)	(816600., 825250., 2.)	(816650., 825250., 2.)
(816700., 825250., 2.)	(816750., 825250., 2.)	(816800., 825250., 2.)
(816850., 825250., 2.)	(816900., 825250., 2.)	(816950., 825250., 2.)
(817000., 825250., 2.)	(817050., 825250., 2.)	(817100., 825250., 2.)
(817150., 825250., 2.)	(817200., 825250., 2.)	(817250., 825250., 2.)
(817300., 825250., 2.)	(817350., 825250., 2.)	(817400., 825250., 2.)
(817450., 825250., 2.)	(817500., 825250., 2.)	(817550., 825250., 2.)
(817600., 825250., 2.)	(817650., 825250., 2.)	(817700., 825250., 2.)
(817750., 825250., 2.)	(817800., 825250., 2.)	(817850., 825250., 2.)
(817900., 825250., 2.)	(817950., 825250., 2.)	(818000., 825250., 2.)
(818050., 825250., 2.)	(818100., 825250., 2.)	(818150., 825250., 2.)
(818200., 825250., 2.)	(818250., 825250., 2.)	(818300., 825250., 2.)
(818350., 825250., 2.)	(818400., 825250., 2.)	(818450., 825250., 2.)
(818500., 825250., 2.)	(818550., 825250., 2.)	(818600., 825250., 2.)
(818650., 825250., 2.)	(818700., 825250., 2.)	(818750., 825250., 2.)
(818800., 825250., 2.)	(818850., 825250., 2.)	(818900., 825250., 2.)
(818950., 825250., 2.)	(819000., 825250., 2.)	(819050., 825250., 2.)
(819100., 825250., 2.)	(819150., 825250., 2.)	(819200., 825250., 2.)
(819250., 825250., 2.)	(819300., 825250., 2.)	(819350., 825250., 2.)
(819400., 825250., 2.)	(819450., 825250., 2.)	(819500., 825250., 2.)
(819550., 825250., 2.)	(819600., 825250., 2.)	(819650., 825250., 2.)
(819700., 825250., 2.)	(819750., 825250., 2.)	(819800., 825250., 2.)
(819850., 825250., 2.)	(819900., 825250., 2.)	(819950., 825250., 2.)
(820000., 825250., 2.)	(820050., 825250., 2.)	(820100., 825250., 2.)
(820150., 825250., 2.)	(820200., 825250., 2.)	(820250., 825250., 2.)
(820300., 825250., 2.)	(820350., 825250., 2.)	(820400., 825250., 2.)
(820450., 825250., 2.)	(820500., 825250., 2.)	(820550., 825250., 2.)
(820600., 825250., 2.)	(820650., 825250., 2.)	(820700., 825250., 2.)
(820750., 825250., 2.)	(820800., 825250., 2.)	(820850., 825250., 2.)
(820900., 825250., 2.)	(820950., 825250., 2.)	(821000., 825250., 2.)
(821050., 825250., 2.)	(821100., 825250., 2.)	(821150., 825250., 2.)
(821200., 825250., 2.)	(821250., 825250., 2.)	(821300., 825250., 2.)
(821350., 825250., 2.)	(821400., 825250., 2.)	(821450., 825250., 2.)
(821500., 825250., 2.)	(821550., 825250., 2.)	(821600., 825250., 2.)
(821650., 825250., 2.)	(821700., 825250., 2.)	(821750., 825250., 2.)
(821800., 825250., 2.)	(821850., 825250., 2.)	(821900., 825250., 2.)
(821950., 825250., 2.)	(822000., 825250., 2.)	(822050., 825250., 2.)
(822100., 825250., 2.)	(822150., 825250., 2.)	(822200., 825250., 2.)
(822250., 825250., 2.)	(822300., 825250., 2.)	(822350., 825250., 2.)
(822400., 825250., 2.)	(822450., 825250., 2.)	(822500., 825250., 2.)
(822550., 825250., 2.)	(822600., 825250., 2.)	(822650., 825250., 2.)
(822700., 825250., 2.)	(822750., 825250., 2.)	(822800., 825250., 2.)
(822850., 825250., 2.)	(822900., 825250., 2.)	(822950., 825250., 2.)
(823000., 825250., 2.)	(823050., 825250., 2.)	(823100., 825250., 2.)
(823150., 825250., 2.)	(823200., 825250., 2.)	(823250., 825250., 2.)
(823300., 825250., 2.)	(823350., 825250., 2.)	(823400., 825250., 2.)
(823450., 825250., 2.)	(823500., 825250., 2.)	(823550., 825250., 2.)
(823600., 825250., 2.)	(823650., 825250., 2.)	(823700., 825250., 2.)
(823750., 825250., 2.)	(823800., 825250., 2.)	(823850., 825250., 2.)
(823900., 825250., 2.)	(823950., 825250., 2.)	(824000., 825250., 2.)
(824050., 825250., 2.)	(824100., 825250., 2.)	(824150., 825250., 2.)
(824200., 825250., 2.)	(824250., 825250., 2.)	(824300., 825250., 2.)
(824350., 825250., 2.)	(824400., 825250., 2.)	(824450., 825250., 2.)
(824500., 825250., 2.)	(824550., 825250., 2.)	(824600., 825250., 2.)
(824650., 825250., 2.)	(824700., 825250., 2.)	(824750., 825250., 2.)
(824800., 825250., 2.)	(824850., 825250., 2.)	(824900., 825250., 2.)
(824950., 825250., 2.)	(825000., 825250., 2.)	(825050., 825250., 2.)
(825100., 825250., 2.)	(825150., 825250., 2.)	(825200., 825250., 2.)

ENTERED RATE (G/SEC)	EMITS RATE (G/SEC)	TOTAL EMISSION RATE (G/SEC)	WIND SPEED (M/SEC)	X1 (M)	Y1 (M)	X2 (M)	Y2 (M)	HEIGHT (M)	WIDTH (M)
810500	825250	825250	2	810600	825250	2	2	2	2
810650	825250	825250	2	810750	825250	2	2	2	2
810800	825250	825250	2	810900	825250	2	2	2	2
810100	825300	825300	2	810200	825300	2	2	2	2
810250	825300	825300	2	810350	825300	2	2	2	2
810400	825300	825300	2	810500	825300	2	2	2	2
810550	825300	825300	2	810650	825300	2	2	2	2
810700	825300	825300	2	810800	825300	2	2	2	2
810850	825300	825300	2	810900	825300	2	2	2	2
810150	825350	825350	2	810250	825350	2	2	2	2
810300	825350	825350	2	810400	825350	2	2	2	2
810450	825350	825350	2	810550	825350	2	2	2	2
810600	825350	825350	2	810700	825350	2	2	2	2
810750	825350	825350	2	810850	825350	2	2	2	2
810900	825350	825350	2	810950	825350	2	2	2	2
810100	825400	825400	2	810200	825400	2	2	2	2
810250	825400	825400	2	810350	825400	2	2	2	2
810400	825400	825400	2	810500	825400	2	2	2	2
810550	825400	825400	2	810650	825400	2	2	2	2
810700	825400	825400	2	810800	825400	2	2	2	2
810850	825400	825400	2	810900	825400	2	2	2	2
810150	825450	825450	2	810250	825450	2	2	2	2
810300	825450	825450	2	810400	825450	2	2	2	2
810450	825450	825450	2	810550	825450	2	2	2	2
810600	825450	825450	2	810700	825450	2	2	2	2
810750	825450	825450	2	810850	825450	2	2	2	2
810900	825450	825450	2	810950	825450	2	2	2	2
810100	825500	825500	2	810200	825500	2	2	2	2
810250	825500	825500	2	810350	825500	2	2	2	2
810400	825500	825500	2	810500	825500	2	2	2	2
810550	825500	825500	2	810700	825500	2	2	2	2
810700	825500	825500	2	810850	825500	2	2	2	2
810850	825500	825500	2	810900	825500	2	2	2	2
810150	825550	825550	2	810250	825550	2	2	2	2
810300	825550	825550	2	810400	825550	2	2	2	2
810450	825550	825550	2	810550	825550	2	2	2	2
810600	825550	825550	2	810700	825550	2	2	2	2
810750	825550	825550	2	810850	825550	2	2	2	2
810900	825550	825550	2	810950	825550	2	2	2	2
810100	825600	825600	2	810200	825600	2	2	2	2
810250	825600	825600	2	810350	825600	2	2	2	2
810400	825600	825600	2	810500	825600	2	2	2	2
810550	825600	825600	2	810700	825600	2	2	2	2
810700	825600	825600	2	810850	825600	2	2	2	2
810850	825600	825600	2	810900	825600	2	2	2	2
810150	825650	825650	2	810250	825650	2	2	2	2
810300	825650	825650	2	810400	825650	2	2	2	2
810450	825650	825650	2	810550	825650	2	2	2	2
810600	825650	825650	2	810700	825650	2	2	2	2
810750	825650	825650	2	810850	825650	2	2	2	2
810900	825650	825650	2	810950	825650	2	2	2	2
810100	825700	825700	2	810200	825700	2	2	2	2
810250	825700	825700	2	810350	825700	2	2	2	2
810400	825700	825700	2	810500	825700	2	2	2	2
810550	825700	825700	2	810700	825700	2	2	2	2
810700	825700	825700	2	810850	825700	2	2	2	2
810850	825700	825700	2	810900	825700	2	2	2	2
810150	825750	825750	2	810250	825750	2	2	2	2
810300	825750	825750	2	810400	825750	2	2	2	2
810450	825750	825750	2	810550	825750	2	2	2	2
810600	825750	825750	2	810700	825750	2	2	2	2
810750	825750	825750	2	810850	825750	2	2	2	2
810900	825750	825750	2	810950	825750	2	2	2	2
810100	825660	825660	2	810200	825660	2	2	2	2
810761	825489	825489	2	810767	825616	2	2	2	2

SOURCE INFORMATION

TYPE	ENTERED RATE (G/SEC)	EMITS RATE (G/SEC)	TOTAL EMISSION RATE (G/SEC)	WIND SPEED (M/SEC)	X1 (M)	Y1 (M)	X2 (M)	Y2 (M)	HEIGHT (M)	WIDTH (M)
3	0.000239000	0.59750	0.59750	0.000	810584	825548	50	50	0.50	51.34
TOTAL EMISSIONS				0.59750E+00 GRAMS/SEC						

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

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TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	146	810550.0	825550.0	10	2822.1216	38.1402
2	146	810550.0	825550.0	9	2820.9766	38.0845
3	146	810550.0	825550.0	11	2660.1001	36.0080
4	146	810550.0	825550.0	8	2452.4136	33.1303
5	146	810550.0	825550.0	12	2389.2134	32.3748
6	146	810550.0	825550.0	13	2070.5450	28.0690
7	146	810550.0	825550.0	7	2022.6185	27.4206
8	130	823500.0	823500.0	34	1930.6885	25.8336
9	147	810600.0	825550.0	32	1913.7523	26.0539
10	147	810600.0	825550.0	20	1895.5378	25.7662
11	147	810600.0	825550.0	27	1894.6823	25.7523
12	147	810600.0	825550.0	26	1876.2942	25.5085
13	147	810600.0	825550.0	25	1868.2966	25.4086
14	147	810600.0	825550.0	21	1824.5156	24.8563
15	147	810600.0	825550.0	38	1821.1566	24.7249
16	147	810600.0	825550.0	23	1803.9518	24.5519
17	130	810600.0	825500.0	33	1775.1429	23.7879
18	147	810600.0	825550.0	34	1740.8512	23.6756
19	147	810600.0	825550.0	23	1735.6887	23.6269
20	147	810600.0	825550.0	22	1726.3776	23.5330
21	147	810600.0	825550.0	30	1722.8358	23.4770
22	147	810600.0	825550.0	31	1722.5365	23.4942
23	147	810600.0	825550.0	19	1691.9365	22.9140
24	147	810600.0	825550.0	29	1677.3716	22.8581
25	164	810600.0	825600.0	20	1645.1256	21.9005
26	130	810600.0	825500.0	35	1644.3208	21.9545
27	146	810550.0	825550.0	6	1633.2885	22.2059
28	147	810600.0	825550.0	34	1483.9817	20.0662
29	164	810600.0	825600.0	21	1458.6270	19.4281
30	164	810600.0	825600.0	19	1418.2490	18.7939
31	129	810550.0	825500.0	3	1408.1252	18.5731
32	146	810550.0	825550.0	14	1406.1000	19.1120
33	130	810600.0	825500.0	32	1353.8230	18.1614
34	163	810550.0	825600.0	14	1349.4606	17.7423
35	129	810550.0	825500.0	4	1337.2568	17.6102
36	148	810650.0	825550.0	27	1315.1797	17.2035
37	148	810550.0	825600.0	15	1253.3132	16.4325
38	130	810600.0	825500.0	36	1245.8949	16.6199
39	146	810550.0	825550.0	15	1221.8757	16.5110
40	148	810650.0	825550.0	26	1171.2118	15.3111
41	146	810550.0	825550.0	5	1153.2034	15.6926
42	164	810600.0	825600.0	18	1116.0470	14.7806
43	148	810650.0	825550.0	28	1110.6146	14.5345
44	164	810600.0	825600.0	22	1093.5779	14.6023
45	129	810550.0	825500.0	5	1083.3729	14.2572
46	147	810600.0	825550.0	18	1031.8278	14.0125
47	163	810550.0	825600.0	16	1028.6793	13.4646
48	129	810550.0	825500.0	2	1016.6350	13.3598
49	163	810550.0	825600.0	13	1008.5905	13.2572
50	147	810600.0	825550.0	36	998.3534	13.5966

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HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR	X-COORDINATE	Y-COORDINATE	HIGHEST VALUE	ENDING HOUR	DEPOSITION	SECOND HIGH	ENDING HOUR	DEPOSITION
1	810100.0	825150.0	24.7930	5.	0.7306	18.3434	6.	0.1710
2	810150.0	825150.0	27.1550	5.	0.2554	23.0123	4.	0.2168
3	810200.0	825150.0	29.4687	4.	0.2804	27.5563	5.	0.2624
4	810250.0	825150.0	34.7421	4.	0.3342	25.0505	3.	0.2416
5	810300.0	825150.0	36.3455	4.	0.3537	35.2007	3.	0.3427

6	810350.0	825150.0	43.0246	3.	0.4228	0.3170
7	810400.0	825150.0	43.8473	2.	0.4351	0.4313
8	810450.0	825150.0	50.6819	2.	0.5066	0.4056
9	810500.0	825150.0	53.4478	1.	0.5373	0.4449
10	810550.0	825150.0	51.8763	36.	0.5234	0.5202
11	810600.0	825150.0	53.2166	36.	0.5571	0.4722
12	810650.0	825150.0	54.7396	35.	0.5510	0.4207
13	810700.0	825150.0	50.0487	34.	0.5016	0.4637
14	810750.0	825150.0	47.6164	34.	0.4738	0.4085
15	810800.0	825150.0	44.1421	33.	0.4353	0.3502
16	810850.0	825150.0	38.4604	33.	0.3757	0.3481
17	810900.0	825150.0	35.9172	32.	0.3470	0.2776
18	810100.0	825200.0	25.5397	6.	0.2398	0.2284
19	810150.0	825200.0	30.5889	5.	0.2907	0.2275
20	810200.0	825200.0	34.3956	5.	0.3311	0.2759
21	810250.0	825200.0	37.8976	4.	0.3697	0.3432
22	810300.0	825200.0	45.0786	4.	0.4452	0.3417
23	810350.0	825200.0	48.7985	3.	0.4880	0.4563
24	810400.0	825200.0	56.6365	3.	0.5727	0.4794
25	810450.0	825200.0	62.9130	2.	0.6421	0.5081
26	810500.0	825200.0	65.4926	1.	0.6734	0.6185
27	810550.0	825200.0	67.0133	1.	0.6920	0.6678
28	810600.0	825200.0	69.9952	36.	0.7230	0.6277
29	810650.0	825200.0	69.1553	35.	0.7121	0.6277
30	810700.0	825200.0	64.7000	34.	0.6623	0.5539
31	810750.0	825200.0	55.8515	33.	0.5670	0.5381
32	810800.0	825200.0	52.7249	33.	0.5293	0.5512
33	810850.0	825200.0	46.3446	32.	0.4598	0.4372
34	810900.0	825200.0	40.9886	32.	0.4016	0.3953
35	810100.0	825250.0	29.2067	6.	0.2773	0.3369
36	810150.0	825250.0	31.7785	6.	0.3052	0.2824
37	810200.0	825250.0	38.6390	5.	0.3763	0.2955
38	810250.0	825250.0	45.0615	5.	0.4453	0.3142
39	810300.0	825250.0	50.7358	4.	0.5091	0.3627
40	810350.0	825250.0	60.7373	4.	0.6182	0.4680
41	810400.0	825250.0	70.2590	3.	0.7250	0.5117
42	810450.0	825250.0	75.9775	2.	0.7936	0.5951
43	810500.0	825250.0	83.8392	2.	0.8839	0.7615
44	810550.0	825250.0	90.5014	1.	0.9591	0.8472
45	810600.0	825250.0	92.0000	36.	0.9757	0.8786
46	810650.0	825250.0	88.9790	35.	0.9400	0.8729
47	810700.0	825250.0	83.0452	34.	0.8704	0.8168
48	810750.0	825250.0	73.8400	33.	0.7653	0.6988
49	810800.0	825250.0	61.6710	32.	0.6311	0.6012
50	810850.0	825250.0	55.3347	32.	0.5580	0.5947
51	810900.0	825250.0	46.3187	31.	0.4603	0.4569
52	810100.0	825300.0	31.1362	6.	0.2972	0.4151
53	810150.0	825300.0	37.2345	6.	0.3607	0.2589
54	810200.0	825300.0	42.6273	6.	0.4198	0.2660
55	810250.0	825300.0	50.1351	5.	0.5021	0.3679
56	810300.0	825300.0	61.7663	5.	0.6292	0.4542
57	810350.0	825300.0	71.7872	4.	0.7443	0.4972
58	810400.0	825300.0	85.7791	4.	0.9046	0.6749
59	810450.0	825300.0	104.4255	3.	1.1178	0.8272
60	810500.0	825300.0	119.4694	2.	1.2941	0.9188
61	810550.0	825300.0	129.0321	1.	1.4080	1.0552
62	810600.0	825300.0	127.5903	36.	1.3941	1.2055
63	810650.0	825300.0	116.5705	35.	1.2674	1.2956
64	810700.0	825300.0	103.1266	34.	1.1096	1.2661
65	810750.0	825300.0	90.4120	33.	0.9589	1.1091
66	810800.0	825300.0	79.0501	32.	0.8245	0.9000
67	810850.0	825300.0	64.2745	31.	0.6590	0.6529
68	810900.0	825300.0	54.6198	31.	0.5502	0.5849
69	810100.0	825350.0	33.8023	7.	0.3249	0.4548
70	810150.0	825350.0	37.9827	7.	0.3713	0.2719
71	810200.0	825350.0	47.3198	6.	0.4707	0.3601
72	810250.0	825350.0	58.6021	6.	0.5939	0.4090
73	810300.0	825350.0	67.2034	6.	0.6952	0.4578
74	810350.0	825350.0	90.1044	5.	0.9511	0.6932
75	810400.0	825350.0	110.5407	4.	1.1914	0.7208
76	810450.0	825350.0	136.0121	3.	1.4952	1.0602
77	810500.0	825350.0	167.7879	2.	1.8746	1.4208
78	810550.0	825350.0	195.5252	1.	2.2074	1.7037
79	810600.0	825350.0	189.0172	1.	184.7878	1.7230
80	810650.0	825350.0	181.5967	36.	150.9957	2.0908
						1.6969

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81	810700.0	825350.0	152.3803	33.	1.6853	119.9708	PAFF_update_v4_1	1.3298
82	810750.0	825350.0	123.3924	32.	1.3394	93.1814	33.	1.0136
83	810800.0	825350.0	95.7690	31.	1.0186	83.1170	32.	0.8850
84	810850.0	825350.0	75.4725	30.	0.7863	68.4861	30.	0.7141
85	810900.0	825350.0	62.4408	31.	0.6373	52.2109	31.	0.5337
86	810100.0	825400.0	55.4027	7.	0.3423	31.1023	8.	0.3010
87	810150.0	825400.0	43.3692	7.	0.4268	33.9934	8.	0.3352
88	810200.0	825400.0	52.7457	7.	0.5291	41.3175	6.	0.4153
89	810250.0	825400.0	62.6776	7.	0.6472	58.5809	6.	0.6006
90	810300.0	825400.0	81.5240	6.	0.8543	70.4381	7.	0.7390
91	810350.0	825400.0	106.5374	6.	1.1438	92.2005	5.	0.9812
92	810400.0	825400.0	145.2392	5.	1.5994	117.4415	5.	1.2952
93	810450.0	825400.0	194.4657	4.	2.1973	167.9400	5.	1.8993
94	810500.0	825400.0	264.7167	3.	3.0627	208.5818	2.	2.4159
95	810550.0	825400.0	316.3596	3.	3.7210	288.2580	2.	3.3933
96	810600.0	825400.0	322.7551	35.	3.8078	307.1362	36.	3.6250
97	810650.0	825400.0	276.9914	34.	3.2282	263.0776	33.	3.0672
98	810700.0	825400.0	219.1636	32.	2.4890	185.4587	33.	2.1163
99	810750.0	825400.0	160.3734	31.	1.7823	134.7323	32.	1.4992
100	810800.0	825400.0	113.9642	30.	1.2349	110.0905	31.	1.1932
101	810850.0	825400.0	91.1004	30.	0.9628	71.5596	29.	0.7576
102	810900.0	825400.0	66.4447	30.	0.6864	65.8066	29.	0.6798
103	810100.0	825450.0	37.8249	8.	0.3673	30.0979	7.	0.2928
104	810150.0	825450.0	44.8951	8.	0.4442	38.9368	7.	0.3857
105	810200.0	825450.0	53.4768	8.	0.5402	51.3320	7.	0.5188
106	810250.0	825450.0	68.8366	7.	0.7113	63.4291	8.	0.6558
107	810300.0	825450.0	93.1927	7.	0.9871	73.7177	8.	0.7822
108	810350.0	825450.0	124.9630	7.	1.3607	109.9864	6.	1.1988
109	810400.0	825450.0	180.0391	6.	2.0212	154.1066	7.	1.7370
110	810450.0	825450.0	268.1948	5.	3.1154	249.0913	6.	2.8935
111	810500.0	825450.0	423.4648	4.	5.0524	348.7185	5.	4.1971
112	810550.0	825450.0	614.5016	2.	7.6095	519.1077	1.	6.4291
113	810600.0	825450.0	669.6124	35.	8.3433	571.1622	36.	7.1212
114	810650.0	825450.0	472.6390	33.	5.7534	469.9091	32.	5.7266
115	810700.0	825450.0	320.0701	31.	3.7628	255.0403	32.	3.0020
116	810750.0	825450.0	211.0277	30.	2.3972	167.4897	31.	1.9055
117	810800.0	825450.0	136.3080	29.	1.5003	133.0698	30.	1.4653
118	810850.0	825450.0	103.6239	29.	1.1081	79.3518	30.	0.8504
119	810900.0	825450.0	76.5898	29.	0.7982	67.1832	28.	0.7009
120	810100.0	825500.0	36.8461	8.	0.3589	35.3315	9.	0.3443
121	810150.0	825500.0	45.5505	8.	0.4523	41.9862	9.	0.4172
122	810200.0	825500.0	57.6218	8.	0.5844	50.6447	9.	0.5142
123	810250.0	825500.0	74.8727	8.	0.7776	62.0786	9.	0.6457
124	810300.0	825500.0	100.7160	8.	1.0742	77.5530	9.	0.8289
125	810350.0	825500.0	141.1923	8.	1.5520	117.7102	7.	1.2958
126	810400.0	825500.0	204.1532	8.	2.3246	201.3628	7.	2.2935
127	810450.0	825500.0	363.4916	7.	4.3149	290.1625	8.	3.4480
128	810500.0	825500.0	683.5525	6.	8.5394	591.3077	5.	7.4022
129	810550.0	825500.0	1408.1252	3.	18.3731	1337.2568	4.	17.6102
130	810600.0	825500.0	1930.6885	34.	23.8336	1775.1429	33.	23.7879
131	810650.0	825500.0	858.4231	31.	10.9305	854.9175	30.	10.8959
132	810700.0	825500.0	437.8549	29.	5.2866	403.0536	30.	4.8727
133	810750.0	825500.0	247.0002	29.	2.8522	233.4711	28.	2.6965
134	810800.0	825500.0	160.9841	28.	1.7909	141.3622	29.	1.5743
135	810850.0	825500.0	113.3617	28.	1.2216	86.7718	29.	0.9371
136	810900.0	825500.0	82.9834	28.	0.8698	67.0029	27.	0.7035
137	810100.0	825550.0	59.4918	9.	0.3848	29.0710	10.	0.2840
138	810150.0	825550.0	48.0682	9.	0.4776	35.7004	10.	0.3556
139	810200.0	825550.0	59.9318	9.	0.6085	44.9651	10.	0.4577
140	810250.0	825550.0	77.0423	9.	0.8014	58.4915	10.	0.6099
141	810300.0	825550.0	103.4442	9.	1.1058	79.7194	10.	0.8540
142	810350.0	825550.0	147.7404	9.	1.6291	115.9410	10.	1.2809
143	810400.0	825550.0	228.9947	9.	2.6194	184.1891	10.	2.1103
144	810450.0	825550.0	402.3111	9.	4.8162	336.0850	10.	4.0285
145	810500.0	825550.0	883.6987	9.	11.2392	794.7949	10.	10.1175
146	810550.0	825550.0	2822.1216	10.	38.1402	2820.9766	20.	38.0845
147	810600.0	825550.0	1913.7523	32.	26.0539	1895.5378	20.	25.7662
148	810650.0	825550.0	1315.1797	27.	17.2035	1171.2118	26.	15.3111
149	810700.0	825550.0	516.8784	27.	6.3111	434.0011	26.	5.3033
150	810750.0	825550.0	275.7622	27.	3.2022	222.9204	26.	2.5923
151	810800.0	825550.0	171.0938	27.	1.9103	134.8255	26.	1.5080
152	810850.0	825550.0	116.7231	27.	1.2611	90.2680	26.	0.9773
153	810900.0	825550.0	85.1336	27.	0.8940	64.8365	26.	0.6824
154	810100.0	825600.0	37.2626	9.	0.3629	34.6462	9.	0.3376
155	810150.0	825600.0	46.0075	10.	0.4567	40.9947	9.	0.4073

156	810200.0	825600.0	58.0551	10.	0.5886	PAFF_update_v4_1	9.	0.4990
157	810250.0	825600.0	75.1487	10.	0.7802	49.1546	9.	0.6213
158	810300.0	825600.0	100.3730	10.	1.0701	59.7359	9.	0.8238
159	810350.0	825600.0	138.9440	10.	1.5265	77.1009	11.	1.3376
160	810400.0	825600.0	204.0956	10.	2.3221	121.6176	11.	1.3376
161	810450.0	825600.0	351.5186	11.	4.1657	195.9313	10.	2.2295
162	810500.0	825600.0	670.1584	12.	8.3492	300.9539	12.	3.5742
163	810550.0	825600.0	1349.4606	14.	17.7423	585.4230	13.	7.2946
164	810600.0	825600.0	1645.1256	20.	21.9005	1253.3132	15.	16.4325
165	810650.0	825600.0	878.5040	23.	11.1645	1458.6270	21.	19.4281
166	810700.0	825600.0	423.6058	25.	5.1075	736.4858	24.	9.3465
167	810750.0	825600.0	250.0779	25.	2.8846	407.6041	24.	4.9173
168	810800.0	825600.0	157.0839	26.	1.7467	221.0843	26.	2.5520
169	810850.0	825600.0	112.3503	26.	1.2103	145.8251	25.	1.6225
170	810900.0	825600.0	82.9753	26.	0.8694	90.2249	27.	0.9736
171	810100.0	825650.0	37.5338	10.	0.3644	64.3581	27.	0.6757
172	810150.0	825650.0	44.3179	10.	0.4384	30.7488	11.	0.2990
173	810200.0	825650.0	52.3875	10.	0.5291	39.6471	11.	0.3925
174	810250.0	825650.0	69.1778	11.	0.7143	51.9999	11.	0.5252
175	810300.0	825650.0	92.4407	11.	0.9783	61.4576	10.	0.6352
176	810350.0	825650.0	121.3212	11.	1.3197	70.1988	10.	0.7445
177	810400.0	825650.0	179.7465	12.	2.0151	112.7794	12.	1.2278
178	810450.0	825650.0	262.2722	13.	3.0385	144.4164	11.	1.6211
179	810500.0	825650.0	413.4325	14.	4.9579	235.8309	12.	2.7345
180	810550.0	825650.0	588.0474	16.	7.2520	332.2878	15.	3.9873
181	810600.0	825650.0	627.2451	19.	7.7748	503.3090	17.	6.2080
182	810650.0	825650.0	468.8498	21.	5.6875	531.1088	18.	6.5840
183	810700.0	825650.0	312.5416	23.	3.6664	424.4513	22.	5.1500
184	810750.0	825650.0	203.9115	24.	2.3125	261.0342	23.	3.0651
185	810800.0	825650.0	133.6772	24.	1.4699	173.5328	23.	1.9712
186	810850.0	825650.0	102.6391	25.	1.0967	131.9276	25.	1.4508
187	810900.0	825650.0	76.9077	25.	0.8009	81.5801	24.	0.8732
188	810100.0	825700.0	35.5038	11.	0.3431	64.7950	26.	0.6757
189	810150.0	825700.0	43.2179	11.	0.4250	30.3300	10.	0.2935
190	810200.0	825700.0	52.1129	11.	0.5224	32.8677	10.	0.3240
191	810250.0	825700.0	61.1698	11.	0.6263	42.3095	12.	0.4249
192	810300.0	825700.0	81.6156	12.	0.8544	59.4559	12.	0.6090
193	810350.0	825700.0	104.3480	12.	1.1189	67.5554	11.	0.7082
194	810400.0	825700.0	142.0177	13.	1.5610	93.0085	13.	0.9982
195	810450.0	825700.0	191.5134	14.	2.1591	110.9391	12.	1.2217
196	810500.0	825700.0	251.6547	15.	3.0228	158.2523	13.	1.7863
197	810550.0	825700.0	303.0952	17.	3.5572	208.3153	16.	2.4058
198	810600.0	825700.0	308.6141	19.	3.6275	272.7603	16.	3.1996
199	810650.0	825700.0	266.6162	20.	3.0964	292.9057	18.	3.4433
200	810700.0	825700.0	209.0699	22.	2.3776	251.0380	21.	2.9182
201	810750.0	825700.0	156.2222	23.	1.7332	186.4891	21.	2.1229
202	810800.0	825700.0	111.1921	23.	1.2035	136.1472	22.	1.5119
203	810850.0	825700.0	89.8440	24.	0.9484	109.5837	24.	1.1859
204	810900.0	825700.0	66.7139	24.	0.6885	68.2613	25.	0.7221
205	810100.0	825750.0	33.3756	11.	0.3206	64.0778	25.	0.6615
206	810150.0	825750.0	37.2133	11.	0.3636	28.7043	12.	0.2761
207	810200.0	825750.0	47.4063	12.	0.4711	37.1988	12.	0.3635
208	810250.0	825750.0	58.0241	12.	0.5875	39.8203	11.	0.3963
209	810300.0	825750.0	66.9861	13.	0.6921	45.7869	13.	0.4645
210	810350.0	825750.0	88.2751	13.	0.9304	65.4153	12.	0.6760
211	810400.0	825750.0	109.4670	14.	1.1777	69.1487	14.	0.7302
212	810450.0	825750.0	133.2858	15.	1.4619	94.0195	13.	1.0126
213	810500.0	825750.0	164.4221	16.	1.8324	124.2697	14.	1.3641
214	810550.0	825750.0	188.0719	17.	2.1169	144.1486	15.	1.6080
215	810600.0	825750.0	182.3016	18.	2.0561	148.7667	18.	1.6775
216	810650.0	825750.0	174.3144	20.	1.9512	178.3503	19.	2.0120
217	810700.0	825750.0	149.4908	21.	1.6497	148.1644	19.	1.6603
218	810750.0	825750.0	120.1393	22.	1.3015	114.0396	20.	1.2607
219	810800.0	825750.0	93.5189	23.	0.9932	94.1888	21.	1.0224
220	810850.0	825750.0	75.4647	23.	0.7852	83.6439	22.	0.8891
221	810900.0	825750.0	61.1885	24.	0.6240	65.9714	24.	0.6871
222	810466.0	825564.0	489.5039	10.	5.9558	53.0691	23.	0.5419
223	810147.0	825660.0	42.1931	10.	0.4166	432.1901	9.	5.2597
224	810506.0	825573.0	203.1602	2.	2.3101	40.5762	11.	0.4007
225	810684.0	825390.0	217.8162	3.	2.4854	195.6140	3.	2.2258
226	810761.0	825489.0	221.3471	29.	2.5267	193.3491	32.	2.2092
227	810767.0	825616.0	205.9561	25.	2.3351	186.2174	28.	2.1280
						162.2243	24.	1.8425

DATE AT END OF RUN: 11/23/06
ELAPSED TIME FOR THIS RUN:
OR 0 HOURS 0 MINUTES 48.00 SECONDS
TIME AT END OF RUN: 18:57:01
0.48000E+02 SECONDS

FUGITIVE DUST MODEL (FDM)
VERSION 06101
APR, 2006
DATE AT START OF RUN: 11/23/06 TIME AT START OF RUN: 18:52:34

RUN TITLE:
PAFF

INPUT FILE NAME: PAFF_update_v4_2.dat
OUTPUT FILE NAME: PAFF_update_v4_2.lst

CONVERGENCE OPTION 1=OFF, 2=ON 1
MET OPTION SWITCH, 1=CARDS, 2=PREPROCESSED 1
PLOT FILE OUTPUT, 1=NO, 2=YES 1
MET DATA PRINT SWITCH, 1=NO, 2=YES 1
POST-PROCESSOR OUTPUT, 1=NO, 2=YES 1
DEP. VEL./GRAV. SETL. VEL., 1=DEFAULT, 2=USER 3
PRINT 1-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 3-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 8-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
PRINT 24-HOUR AVERAGE CONCEN, 1=NO, 2=YES 1
BYPASS RAMMET CALMS RECOGNITION, 1=NO, 2=YES 1
READ HOURLY EMISSION RATES, 1=NO, 2=YES 0
NUMBER OF SOURCES PROCESSED 1
NUMBER OF RECEPTORS PROCESSED 227
NUMBER OF PARTICLE SIZE CLASSES 9
NUMBER OF HOURS OF MET DATA PROCESSED 36
LENGTH IN MINUTES OF 1-HOUR OF MET DATA 60.
ROUGHNESS LENGTH IN CM 100.00
SCALING FACTOR FOR SOURCE AND RECEPTORS 1.0000
PARTICLE DENSITY IN G/CM**3 1.60
ANEWOMETER HEIGHT IN M 10.00

GENERAL PARTICLE SIZE CLASS INFORMATION

Table with 5 columns: PARTICLE SIZE CLASS, CHAR. DIA. (UM), GRAV. SETTLING VELOCITY (M/SEC), DEPOSITION VELOCITY (M/SEC), FRACTION IN EACH SIZE CLASS. Rows 1-9.

** COMPUTED BY FDM

RECEPTOR COORDINATES (X,Y,Z)

Table with 3 columns: RECEPTOR COORDINATES (X,Y,Z). Rows 1-9.

TOTAL EMISSIONS 0.59750E+00 GRAMS/SEC

SHORT DISTANCE (5,000 M) MASS CONSERVATION CORRECTION FACTORS USED

1

TOP 50 TABLE FOR 1 HOUR AVERAGES

RANK	RECEPTOR	X-COORDINATE	Y-COORDINATE	ENDING HOUR	CONCENTRATION	DEPOSITION
1	131	810650.0	825500.0	8	2854.7708	38.5683
2	131	810650.0	825500.0	7	2823.1858	38.1680
3	131	810650.0	825500.0	9	2796.0042	37.7828
4	131	810650.0	825500.0	6	2528.3782	34.2218
5	131	810650.0	825500.0	10	2494.0862	33.7353
6	132	810700.0	825500.0	30	2146.2258	29.0960
7	132	810700.0	825500.0	31	2116.3149	28.7233
8	131	810650.0	825500.0	5	2114.0933	28.6563
9	149	810700.0	825500.0	20	2005.6924	26.9486
10	132	810700.0	825500.0	29	1966.6489	26.6861
11	132	810700.0	825500.0	34	1948.3679	26.5253
12	132	810700.0	825500.0	32	1900.2202	25.8494
13	131	810650.0	825500.0	11	1887.5159	25.5732
14	132	810700.0	825500.0	27	1879.4441	25.6155
15	132	810700.0	825500.0	33	1868.1238	25.4479
16	132	810700.0	825500.0	35	1865.7832	25.3671
17	149	810700.0	825500.0	21	1862.4468	25.0351
18	132	810700.0	825500.0	26	1846.2057	25.1663
19	132	810700.0	825500.0	28	1837.0709	25.0324
20	132	810700.0	825500.0	25	1820.2556	24.8103
21	132	810700.0	825500.0	36	1739.5024	23.5904
22	132	810700.0	825500.0	24	1685.4257	22.9438
23	132	810700.0	825500.0	22	1672.7422	22.7018
24	149	810700.0	825500.0	19	1669.0405	22.3547
25	132	810700.0	825500.0	23	1660.6044	22.5656
26	115	810700.0	825450.0	34	1598.3860	21.2151
27	149	810700.0	825500.0	22	1555.8650	20.9583
28	148	810650.0	825500.0	14	1548.9969	20.5103
29	115	810700.0	825450.0	35	1538.8571	20.3961
30	131	810650.0	825500.0	4	1508.8693	20.4500
31	149	810700.0	825500.0	18	1411.3445	18.9305
32	132	810700.0	825500.0	1	1389.5731	18.7813
33	132	810750.0	825500.0	28	1338.0651	17.5511
34	132	810700.0	825500.0	5	1336.1880	18.0786
35	148	810650.0	825500.0	13	1325.6410	17.5321
36	132	810700.0	825500.0	20	1307.9111	17.8384
37	132	810700.0	825500.0	21	1296.9894	17.6737
38	133	810750.0	825500.0	27	1265.2167	16.5690
39	132	810700.0	825500.0	19	1259.0610	17.1364
40	132	810700.0	825500.0	4	1257.6895	17.0451
41	115	810700.0	825450.0	33	1239.8773	16.4613
42	148	810650.0	825500.0	15	1218.6858	16.0695
43	114	810650.0	825450.0	3	1216.0784	15.8459
44	115	810700.0	825450.0	44	1214.3083	16.0617
45	131	810650.0	825500.0	36	1204.8419	16.3455
46	132	810700.0	825500.0	12	1188.4785	16.0421
47	132	810700.0	825500.0	3	1185.1533	16.1289
48	132	810700.0	825500.0	18	1146.3091	15.5413
49	114	810650.0	825450.0	4	1112.0720	14.4801
50	133	810750.0	825500.0	29	1075.1411	14.1225

HIGHEST AND SECOND HIGHEST VALUES FOR 1 HOUR AVERAGES

RECEPTOR X-COORDINATE Y-COORDINATE HIGHEST VALUE ENDING HOUR DEPOSITION SECOND HIGH ENDING HOUR DEPOSITION

PAFF_update_v4_2

1	810100.0	20.9824	6.	0.1970	16.2439	5.	0.1489
2	810150.0	22.6327	6.	0.2095	20.5928	5.	0.1908
3	810200.0	25.3985	5.	0.2380	23.3941	6.	0.2193
4	810250.0	30.0524	5.	0.2850	22.6894	6.	0.2156
5	810300.0	33.3141	5.	0.3200	28.6354	4.	0.2754
6	810350.0	37.3060	4.	0.3629	33.5592	5.	0.3267
7	810400.0	43.6397	4.	0.4297	34.3465	3.	0.3389
8	810450.0	47.6151	3.	0.4746	43.4526	4.	0.4335
9	810500.0	54.3899	3.	0.5480	46.2474	2.	0.4665
10	810550.0	60.5614	2.	0.6158	47.5035	3.	0.4820
11	810600.0	62.8425	1.	0.6436	57.6852	2.	0.5912
12	810650.0	64.5924	1.	0.6643	61.5875	36.	0.6336
13	810700.0	67.5847	36.	0.6954	57.2318	35.	0.5896
14	810750.0	66.6794	35.	0.6841	50.0048	34.	0.5143
15	810800.0	62.0664	34.	0.6333	52.3989	35.	0.5353
16	810850.0	53.9801	34.	0.5464	52.9982	33.	0.5366
17	810900.0	51.7902	33.	0.5186	40.5147	32.	0.4066
18	810950.0	22.0700	6.	0.2033	18.5156	7.	0.1708
19	810100.0	25.4799	6.	0.2376	18.5021	7.	0.1730
20	810200.0	28.5491	6.	0.2698	23.7317	5.	0.2246
21	810250.0	30.7239	5.	0.2945	30.5644	6.	0.2929
22	810300.0	37.9891	5.	0.3691	30.4875	6.	0.2967
23	810350.0	43.5180	5.	0.4289	36.7086	4.	0.3623
24	810400.0	49.7680	4.	0.4978	44.1257	5.	0.4418
25	810450.0	58.2504	4.	0.5909	49.5939	3.	0.5037
26	810500.0	67.7347	3.	0.6962	54.1357	4.	0.5575
27	810550.0	73.1269	3.	0.7606	69.0482	4.	0.7186
28	810600.0	79.8375	2.	0.8380	76.6775	1.	0.8051
29	810650.0	86.5010	1.	0.9126	78.2272	1.	0.8259
30	810700.0	88.3610	36.	0.9330	76.8582	35.	0.8124
31	810750.0	85.8796	35.	0.9036	71.6098	34.	0.7546
32	810800.0	80.3374	34.	0.8390	61.1943	33.	0.6404
33	810850.0	71.0392	33.	0.7341	58.8563	34.	0.6092
34	810900.0	58.4759	32.	0.5971	58.4260	33.	0.5965
35	810100.0	22.8780	7.	0.2120	20.8125	6.	0.1930
36	810150.0	25.5383	6.	0.2399	24.6548	7.	0.2317
37	810200.0	30.9240	6.	0.2946	25.7573	7.	0.2457
38	810250.0	36.4684	6.	0.3526	27.1332	5.	0.2630
39	810300.0	41.0591	6.	0.4034	37.5370	5.	0.3691
40	810350.0	49.4296	5.	0.4936	42.7599	6.	0.4275
41	810400.0	59.4208	5.	0.6034	48.9102	4.	0.4975
42	810450.0	69.9507	4.	0.7226	60.8730	5.	0.6295
43	810500.0	81.0602	4.	0.8514	76.5318	3.	0.8042
44	810550.0	98.7589	3.	1.0523	82.8903	2.	0.8843
45	810600.0	112.7608	2.	1.2154	92.3894	1.	0.9974
46	810650.0	121.8669	1.	1.3229	102.9484	36.	1.1189
47	810700.0	121.6895	36.	1.3230	109.5178	35.	1.1915
48	810750.0	113.0962	35.	1.2239	107.6593	34.	1.1657
49	810800.0	101.4866	34.	1.0876	95.6220	33.	1.0252
50	810850.0	89.2964	33.	0.9440	78.3427	32.	0.8292
51	810900.0	77.2749	32.	0.8040	57.6927	33.	0.6017
52	810100.0	25.1669	7.	0.2344	18.7266	8.	0.1748
53	810150.0	28.9265	7.	0.2733	22.1951	6.	0.2101
54	810200.0	32.8127	7.	0.3149	28.7459	6.	0.2761
55	810250.0	37.0158	6.	0.3612	36.3504	7.	0.3547
56	810300.0	46.8088	6.	0.4645	38.5682	7.	0.3833
57	810350.0	56.7501	6.	0.5736	45.9500	5.	0.4653
58	810400.0	66.4550	5.	0.6853	63.3004	6.	0.6530
59	810450.0	86.2576	5.	0.9076	68.6654	4.	0.7235
60	810500.0	106.4887	4.	1.1427	90.2780	5.	0.9699
61	810550.0	129.9742	3.	1.4215	119.0357	4.	1.3027
62	810600.0	157.5966	2.	1.7507	140.2508	3.	1.5598
63	810650.0	181.7776	1.	2.0397	139.9917	36.	1.5736
64	810700.0	178.8855	36.	2.0118	168.2968	35.	1.8934
65	810750.0	168.7661	34.	1.8850	149.0426	35.	1.6660
66	810800.0	145.1078	33.	1.5885	117.4960	34.	1.2964
67	810850.0	118.4999	32.	1.2825	96.9469	33.	1.0507
68	810900.0	91.0861	31.	0.9668	85.6312	32.	0.9093
69	810100.0	24.2750	8.	0.2272	24.1223	7.	0.2258
70	810150.0	29.1366	7.	0.2768	26.8818	8.	0.2556
71	810200.0	35.3331	7.	0.3411	29.4778	8.	0.2850
72	810250.0	42.7718	7.	0.4201	31.7159	8.	0.3123

73	810300.0	825350.0	51.1786	7.	0.5124	42.4693	6.	0.4258
74	810350.0	825350.0	59.4665	7.	0.6080	59.0755	6.	0.6040
75	810400.0	825350.0	80.0192	6.	0.8360	64.7613	7.	0.6777
76	810450.0	825350.0	100.5542	6.	1.0759	92.7365	5.	0.9931
77	810500.0	825350.0	138.4769	5.	1.5182	105.0303	6.	1.1538
78	810550.0	825350.0	183.8361	4.	2.0660	149.6808	5.	1.6842
79	810600.0	825350.0	243.2075	3.	2.7953	198.1143	2.	2.2792
80	810650.0	825350.0	287.7948	3.	3.3596	262.2779	2.	3.0643
81	810700.0	825350.0	288.4620	35.	3.3791	288.0741	36.	3.3749
82	810750.0	825350.0	265.1764	34.	3.0723	231.4178	33.	2.6838
83	810800.0	825350.0	203.0211	32.	2.3063	189.1896	33.	2.1495
84	810850.0	825350.0	151.3683	31.	1.6782	140.4606	32.	1.5579
85	810900.0	825350.0	112.6589	31.	1.2184	106.1646	30.	1.1487
86	810100.0	825400.0	27.1886	8.	0.2552	19.7549	7.	0.1859
87	810150.0	825400.0	31.5964	8.	0.3012	24.5813	7.	0.2348
88	810200.0	825400.0	36.9603	8.	0.3584	31.0698	7.	0.3018
89	810250.0	825400.0	43.3962	8.	0.4288	39.9148	7.	0.3947
90	810300.0	825400.0	52.0787	7.	0.5252	50.9289	8.	0.5137
91	810350.0	825400.0	68.7630	7.	0.7089	59.1381	8.	0.6104
92	810400.0	825400.0	90.8404	7.	0.9597	69.2042	8.	0.7327
93	810450.0	825400.0	117.1190	7.	1.2715	111.7547	6.	1.2138
94	810500.0	825400.0	173.1864	6.	1.9363	135.5426	7.	1.5180
95	810550.0	825400.0	256.3469	5.	2.9607	219.1742	6.	2.5332
96	810600.0	825400.0	384.7736	4.	4.5920	322.8274	3.	3.8575
97	810650.0	825450.0	541.4794	4.	6.6403	461.8438	1.	5.6652
98	810700.0	825400.0	584.8055	35.	7.2182	531.9515	36.	6.5690
99	810750.0	825400.0	452.2636	33.	5.4711	395.7414	32.	4.7959
100	810800.0	825400.0	300.5434	31.	3.5213	273.0919	32.	3.2015
101	810850.0	825400.0	201.7365	30.	2.2874	180.3346	31.	2.0461
102	810900.0	825400.0	137.8863	30.	1.5161	127.1914	29.	1.3990
103	810100.0	825450.0	25.9125	8.	0.2439	25.1349	9.	0.2366
104	810150.0	825450.0	30.8475	8.	0.2950	28.9687	9.	0.2771
105	810200.0	825450.0	37.3036	8.	0.3629	33.7325	9.	0.3285
106	810250.0	825450.0	45.9349	8.	0.4555	39.7204	9.	0.3943
107	810300.0	825450.0	57.7306	8.	0.5846	47.3179	9.	0.4800
108	810350.0	825450.0	74.3085	8.	0.7704	56.9870	9.	0.5921
109	810400.0	825450.0	98.3292	8.	1.0468	78.6751	7.	0.8390
110	810450.0	825450.0	134.1414	8.	1.4712	122.9538	7.	1.3495
111	810500.0	825450.0	202.7767	7.	2.3014	184.5625	7.	2.0959
112	810550.0	825450.0	337.7241	7.	3.9903	298.2714	6.	3.5278
113	810600.0	825450.0	604.4679	6.	7.4938	590.1270	5.	7.3269
114	810650.0	825450.0	1216.0784	3.	15.8459	1112.0720	4.	14.4801
115	810700.0	825450.0	1598.3860	34.	21.2151	1538.8571	35.	20.3961
116	810750.0	825450.0	822.3148	31.	10.4194	731.2095	32.	9.2687
117	810800.0	825450.0	431.0083	30.	5.1988	398.9848	29.	4.8103
118	810850.0	825450.0	253.4900	29.	2.9250	209.6896	28.	2.4223
119	810900.0	825450.0	154.6006	28.	1.7204	151.9730	29.	1.6916
120	810100.0	825500.0	27.9505	9.	0.2631	20.8032	8.	0.1963
121	810150.0	825500.0	32.8125	9.	0.3139	24.6429	8.	0.2363
122	810200.0	825500.0	39.1344	9.	0.3811	29.6880	8.	0.2897
123	810250.0	825500.0	47.5781	9.	0.4724	36.5077	8.	0.3633
124	810300.0	825500.0	59.2320	9.	0.6009	46.0529	8.	0.4682
125	810350.0	825500.0	75.9915	9.	0.7897	60.0101	8.	0.6249
126	810400.0	825500.0	101.7158	9.	1.0861	81.9046	8.	0.8761
127	810450.0	825500.0	144.6705	9.	1.5932	119.3165	8.	1.3159
128	810500.0	825500.0	222.7860	9.	2.5443	189.7092	8.	2.1690
129	810550.0	825500.0	387.1238	9.	4.6249	345.0135	8.	4.1245
130	810600.0	825500.0	833.2335	9.	10.5686	796.4289	8.	10.1018
131	810650.0	825500.0	2854.7708	8.	38.5683	2823.1858	7.	38.1680
132	810700.0	825500.0	2146.2258	30.	29.0960	2116.3149	31.	28.7233
133	810750.0	825500.0	1338.0651	28.	17.5511	1265.2167	27.	16.5690
134	810800.0	825500.0	520.3972	27.	6.3672	483.3145	28.	5.9176
135	810850.0	825500.0	278.5782	27.	3.2404	242.8125	28.	2.8273
136	810900.0	825500.0	172.7969	27.	1.9320	144.7287	28.	1.6204
137	810100.0	825550.0	26.1770	9.	0.2464	24.9916	10.	0.2353
138	810150.0	825550.0	30.3849	9.	0.2907	29.7998	10.	0.2851
139	810200.0	825550.0	36.1301	10.	0.3518	35.7094	9.	0.3477
140	810250.0	825550.0	44.6789	10.	0.4434	42.5682	9.	0.4226
141	810300.0	825550.0	56.5859	10.	0.5736	51.5755	9.	0.5232
142	810350.0	825550.0	73.7162	10.	0.7651	63.6371	9.	0.6612
143	810400.0	825550.0	99.6096	10.	1.0616	80.2927	9.	0.8571
144	810450.0	825550.0	140.9863	10.	1.5484	110.7743	11.	1.2189
145	810500.0	825550.0	207.8996	10.	2.3650	191.0406	11.	2.1748

146	810550.0	354.3542	11.	4.2035	309.2540	10.	3.6707
147	810600.0	692.4334	12.	8.6533	613.0515	11.	7.6539
148	810650.0	1548.9969	14.	20.5103	1325.6410	13.	17.5321
149	810700.0	2005.6824	20.	26.9486	1862.4468	21.	25.0351
150	810750.0	969.5129	23.	12.4437	899.7249	24.	11.5224
151	810800.0	471.6882	25.	5.7180	398.4234	24.	4.8359
152	810850.0	250.3681	25.	2.8991	248.5821	26.	2.8783
153	810900.0	166.2890	26.	1.8535	139.5350	25.	1.5574
154	810100.0	27.2869	10.	0.2563	20.6996	9.	0.1948
155	810150.0	31.9866	10.	0.3052	23.0581	9.	0.2206
156	810200.0	37.8231	10.	0.3671	29.1136	11.	0.2832
157	810250.0	45.0988	10.	0.4460	37.7261	11.	0.3736
158	810300.0	54.0853	10.	0.5461	49.8920	11.	0.5041
159	810350.0	67.2751	11.	0.6949	64.8115	10.	0.6697
160	810400.0	92.0167	11.	0.9743	76.5754	10.	0.8120
161	810450.0	125.7332	11.	1.3685	105.4879	12.	1.1500
162	810500.0	178.6066	12.	2.0656	161.0473	11.	1.8092
163	810550.0	263.8327	12.	3.0660	258.0293	13.	2.9985
164	810600.0	432.6569	14.	5.2136	384.0000	13.	4.6293
165	810650.0	655.6058	16.	8.1520	562.2146	13.	6.9991
166	810700.0	719.0968	19.	9.0076	621.8791	18.	7.7884
167	810750.0	512.8936	21.	6.2766	491.7655	22.	6.0171
168	810800.0	340.3636	23.	4.0187	271.4663	24.	3.2082
169	810850.0	216.6547	24.	2.4681	170.1474	25.	1.9414
170	810900.0	142.7595	25.	1.5749	132.7923	24.	1.4658
171	810100.0	25.2824	10.	0.2368	23.3450	11.	0.2188
172	810150.0	28.4522	11.	0.2707	28.3845	10.	0.2700
173	810200.0	34.9114	11.	0.3375	31.6924	10.	0.3066
174	810250.0	43.0012	11.	0.4230	34.9433	10.	0.3443
175	810300.0	52.7191	11.	0.5287	39.8244	12.	0.4003
176	810350.0	63.4350	11.	0.6498	57.0667	12.	0.5852
177	810400.0	80.7342	12.	0.8462	72.7124	12.	0.7626
178	810450.0	108.3005	12.	1.1629	88.1801	13.	0.9483
179	810500.0	144.0331	13.	1.5869	124.4202	12.	1.3724
180	810550.0	194.6974	14.	2.2028	178.3799	13.	2.0193
181	810600.0	267.8087	15.	3.1047	222.8050	14.	2.5877
182	810650.0	322.9418	17.	3.8113	311.4252	16.	3.6772
183	810700.0	337.3566	19.	3.9967	327.1948	18.	3.8762
184	810750.0	288.7224	20.	3.3775	279.5094	18.	3.2724
185	810800.0	227.2200	22.	2.5992	192.3692	21.	2.2033
186	810850.0	167.4902	23.	1.8671	136.9839	22.	1.5290
187	810900.0	117.9551	24.	1.2811	112.1318	23.	1.2187
188	810100.0	25.2323	11.	0.2353	20.1761	10.	0.1885
189	810150.0	29.4006	11.	0.2781	21.2124	10.	0.2012
190	810200.0	33.9479	11.	0.3262	27.5159	12.	0.2649
191	810250.0	38.4707	11.	0.3760	36.1298	12.	0.3533
192	810300.0	46.8801	12.	0.4664	42.1175	11.	0.4193
193	810350.0	58.8887	12.	0.5960	43.2764	13.	0.4397
194	810400.0	68.8974	12.	0.7128	65.4253	13.	0.6771
195	810450.0	90.3015	13.	0.9537	69.9259	12.	0.7400
196	810500.0	110.0773	13.	1.1876	102.6746	12.	1.1083
197	810550.0	135.7656	14.	1.4951	134.3838	15.	1.4796
198	810600.0	169.8998	16.	1.9026	159.8882	15.	1.7913
199	810650.0	201.3699	17.	2.2795	160.4236	16.	1.8192
200	810700.0	198.2803	18.	2.2500	190.0867	19.	2.1579
201	810750.0	187.5321	20.	2.1117	158.3633	19.	1.7853
202	810800.0	159.0828	21.	1.7650	124.2961	22.	1.3815
203	810850.0	126.7688	22.	1.3797	97.1611	23.	1.0595
204	810900.0	99.0339	23.	1.0558	84.1997	22.	0.8988
205	810100.0	23.6665	11.	0.2196	20.1466	12.	0.1872
206	810150.0	25.9255	11.	0.2439	25.0634	12.	0.2359
207	810200.0	30.8706	12.	0.2947	27.6643	11.	0.2643
208	810250.0	37.2450	12.	0.3609	28.2814	11.	0.2746
209	810300.0	43.1542	12.	0.4250	36.3456	13.	0.3584
210	810350.0	49.4893	13.	0.4958	46.5935	12.	0.4670
211	810400.0	62.1668	13.	0.6335	47.1699	14.	0.4818
212	810450.0	71.3262	14.	0.7402	67.3090	13.	0.6988
213	810500.0	88.1851	14.	0.9509	76.8017	13.	0.8115
214	810550.0	106.1114	15.	1.1374	84.1530	16.	0.9036
215	810600.0	122.8905	16.	1.3337	95.9824	17.	1.0436
216	810650.0	133.0874	17.	1.4555	110.7309	18.	1.2128
217	810700.0	137.4924	18.	1.4513	120.7931	19.	1.3242
218	810750.0	121.1185	19.	1.3204	119.1728	20.	1.2994

219	810800.0	825750.0	106.8900	21.	1.1533	PAFF_update_v4_2	1.1433
220	810850.0	825750.0	93.0438	21.	0.9893	105.9825	0.9284
221	810900.0	825750.0	80.6597	22.	0.8432	87.2720	0.6776
222	810466.0	825564.0	146.3969	10.	1.6221	64.7028	1.6029
223	810447.0	825660.0	128.6993	11.	0.2725	144.6412	0.2562
224	810506.0	825373.0	155.8830	5.	1.7316	26.9735	1.5901
225	810684.0	825390.0	516.0078	36.	6.3000	143.0829	5.3748
226	810761.0	825489.0	978.1578	28.	12.5548	439.7088	12.2423
227	810767.0	825616.0	374.0985	22.	4.4648	952.0526	4.2331

DATE AT END OF RUN: 11/23/06
 ELAPSED TIME FOR THIS RUN:
 OR 0 HOURS 1 MINUTES
 TIME AT END OF RUN: 18:53:58
 0.84000EH02 SECONDS
 24.00 SECONDS