APPENDIX 4

Additional Supporting Data for Atypical High-Wind Exceedances

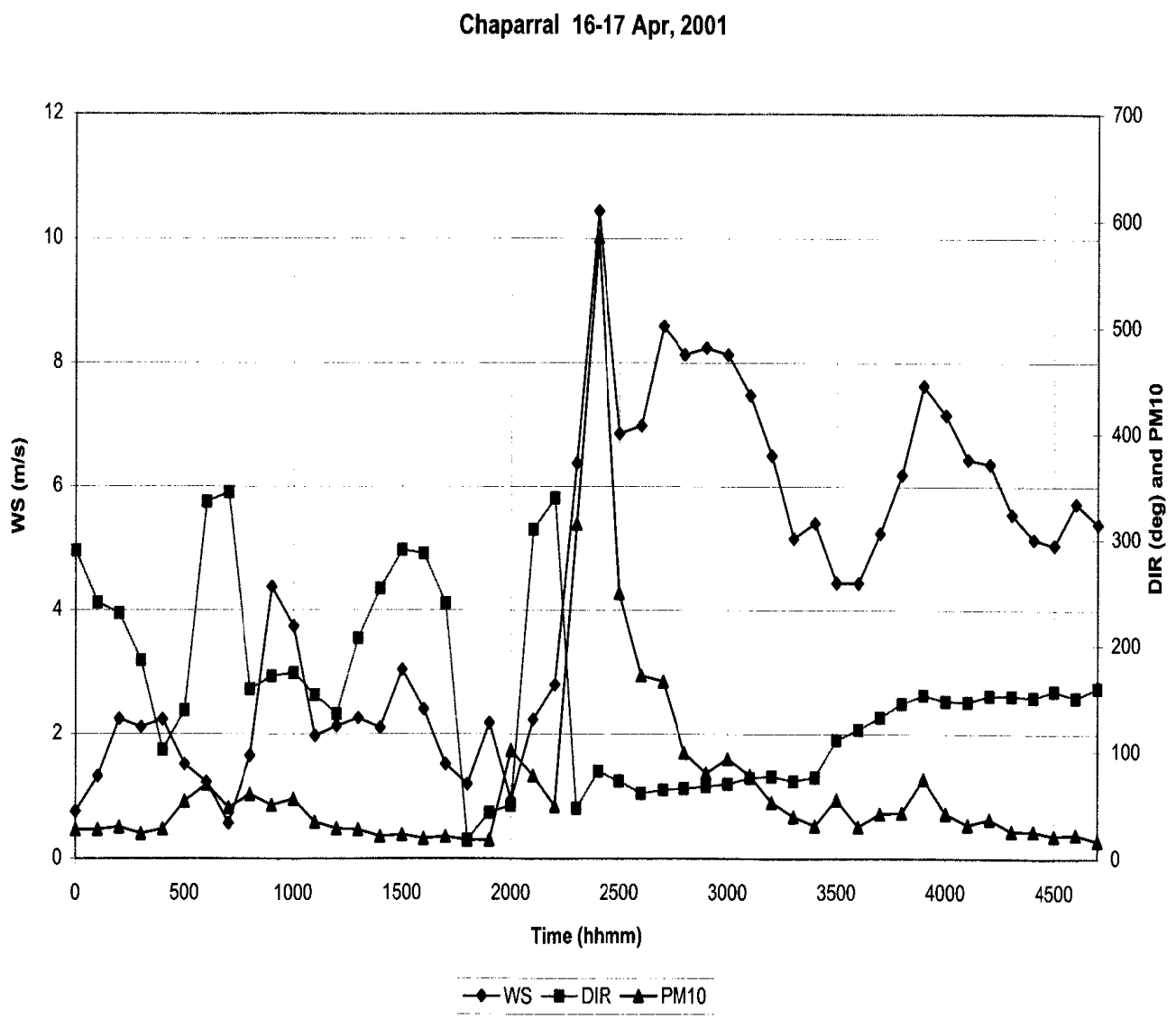
A) April 17: Anthony, Sunland Park

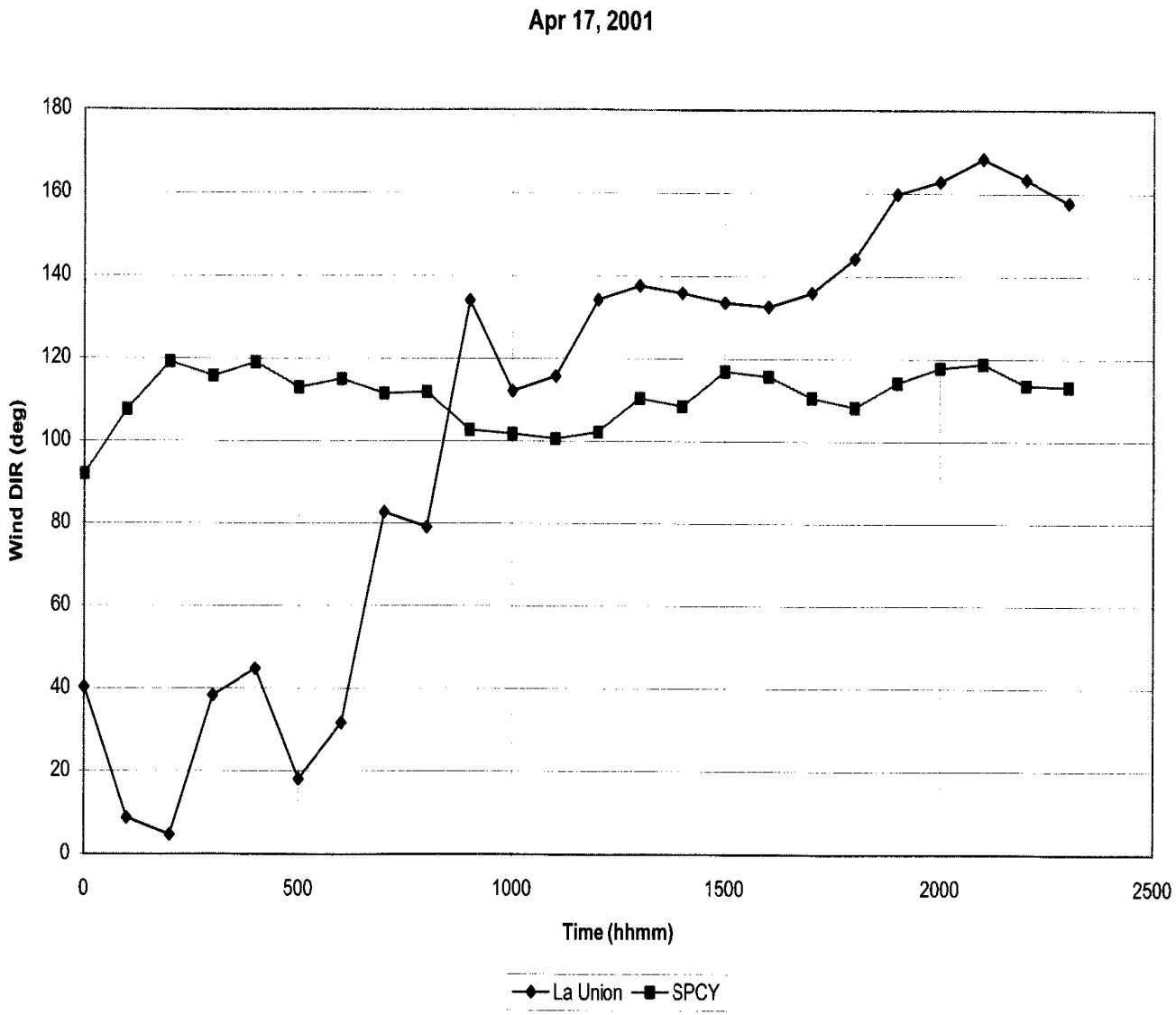
B) May 11: Anthony

C) June 7-8: Chaparral, Sunland Park

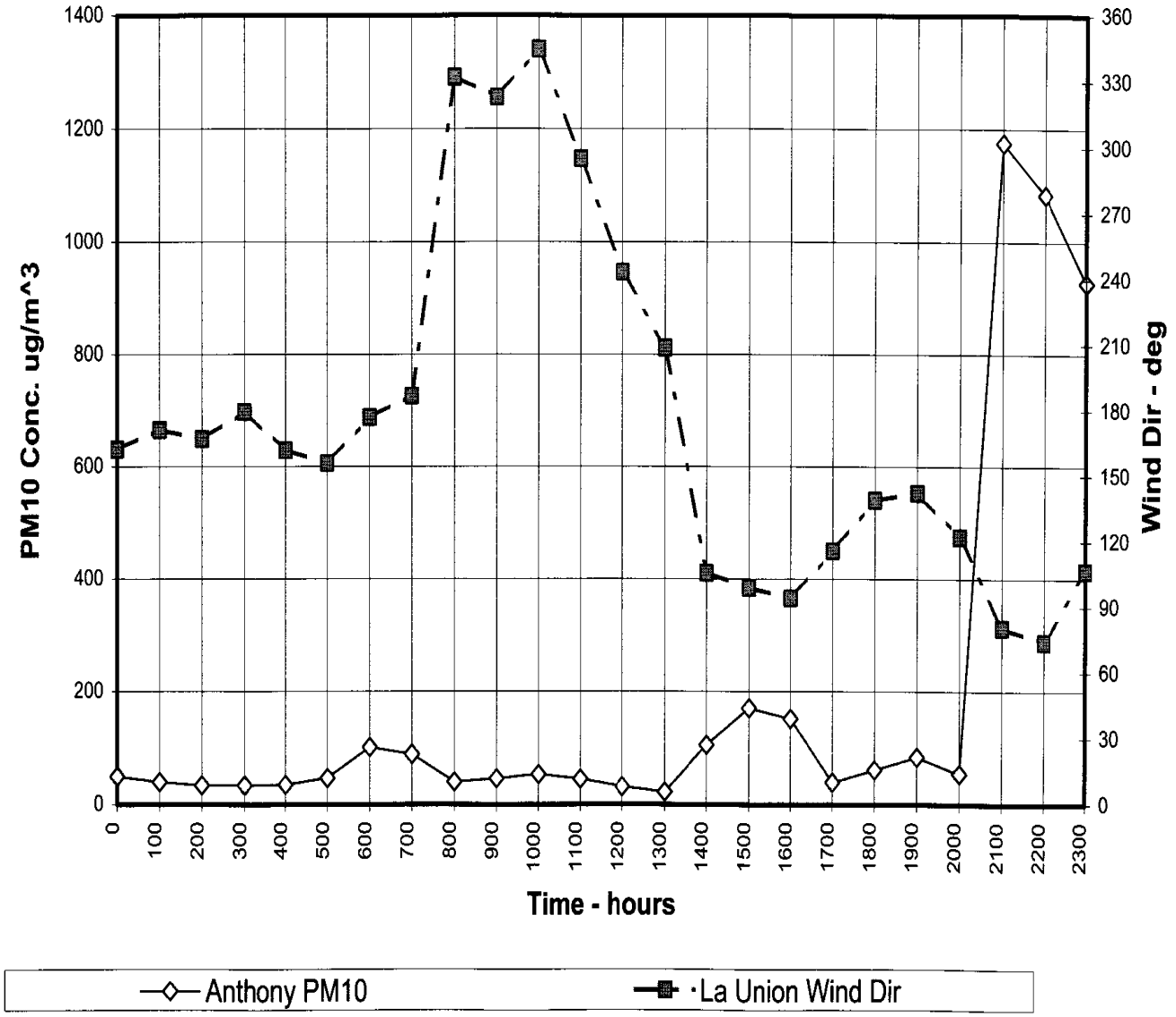
D) June 11: Sunland Park

E) June 13: Sunland Park

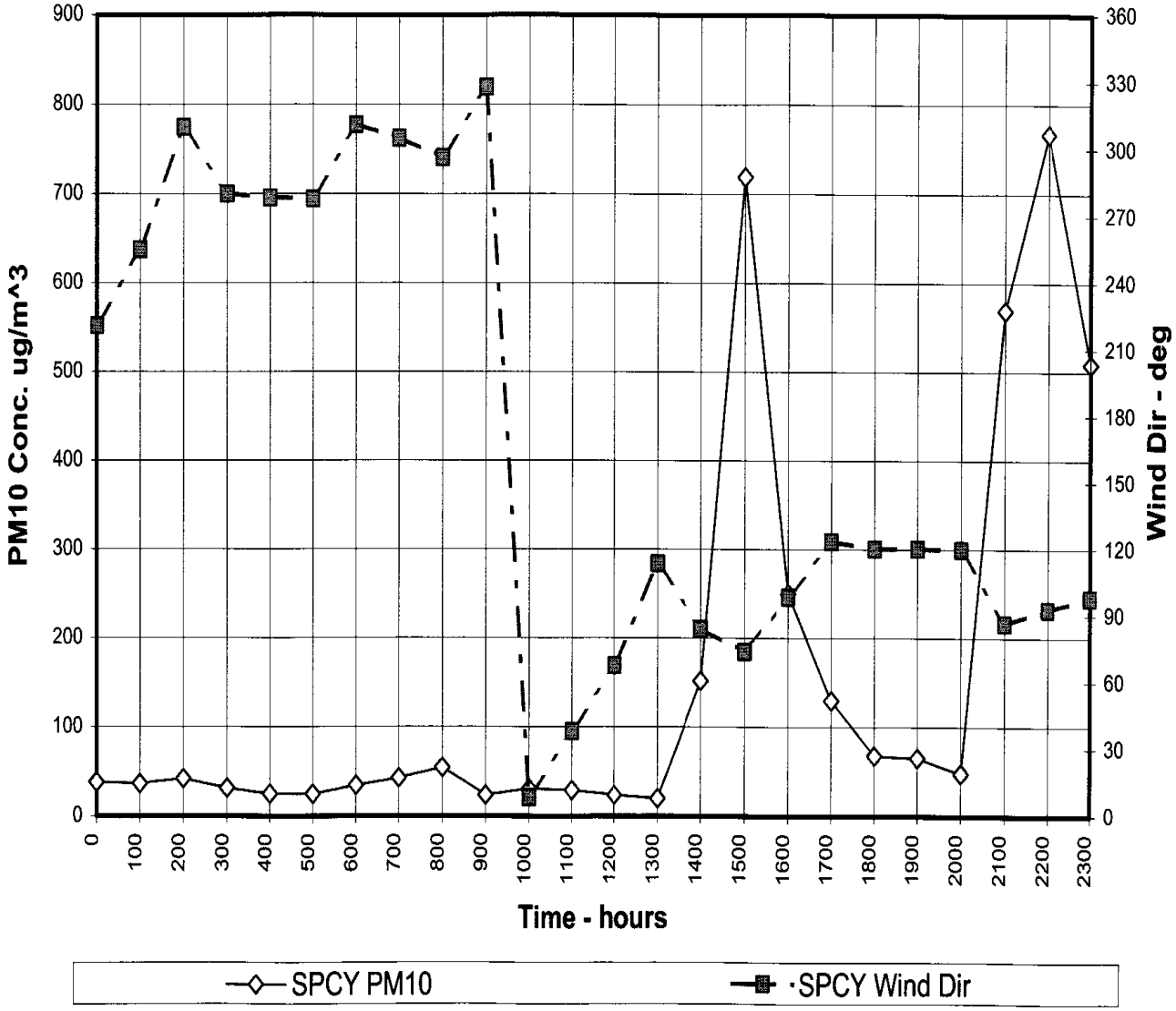

Chaparral 16-17 Apr, 2001
WS (m/s)
DIR (deg) and PM10
Time (hhmm)
0
2
4
6
8
10
12
0
100
200
300
400
500
600
700
0
500
1000
1500
2000
2500
3000
3500
4000
4500
WS
DIR
PM10


Apr 17, 2001
Wind DIR (deg)
180
160
140
120
100
80
60
40
20
0
0
500
1000
1500
2000
2500
Time (hhmm)
La Union
SPCY

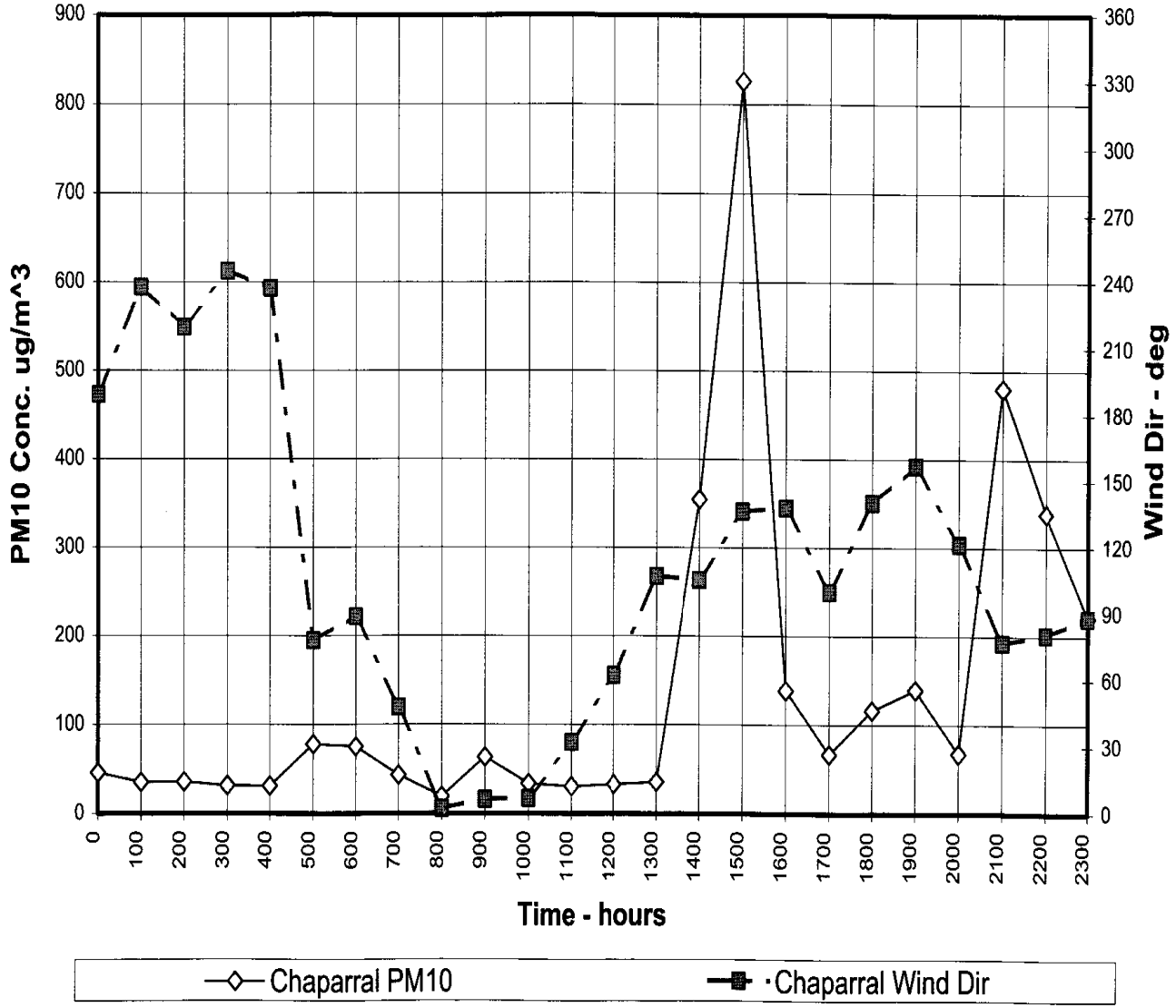
May 11, 2001 - Anthony



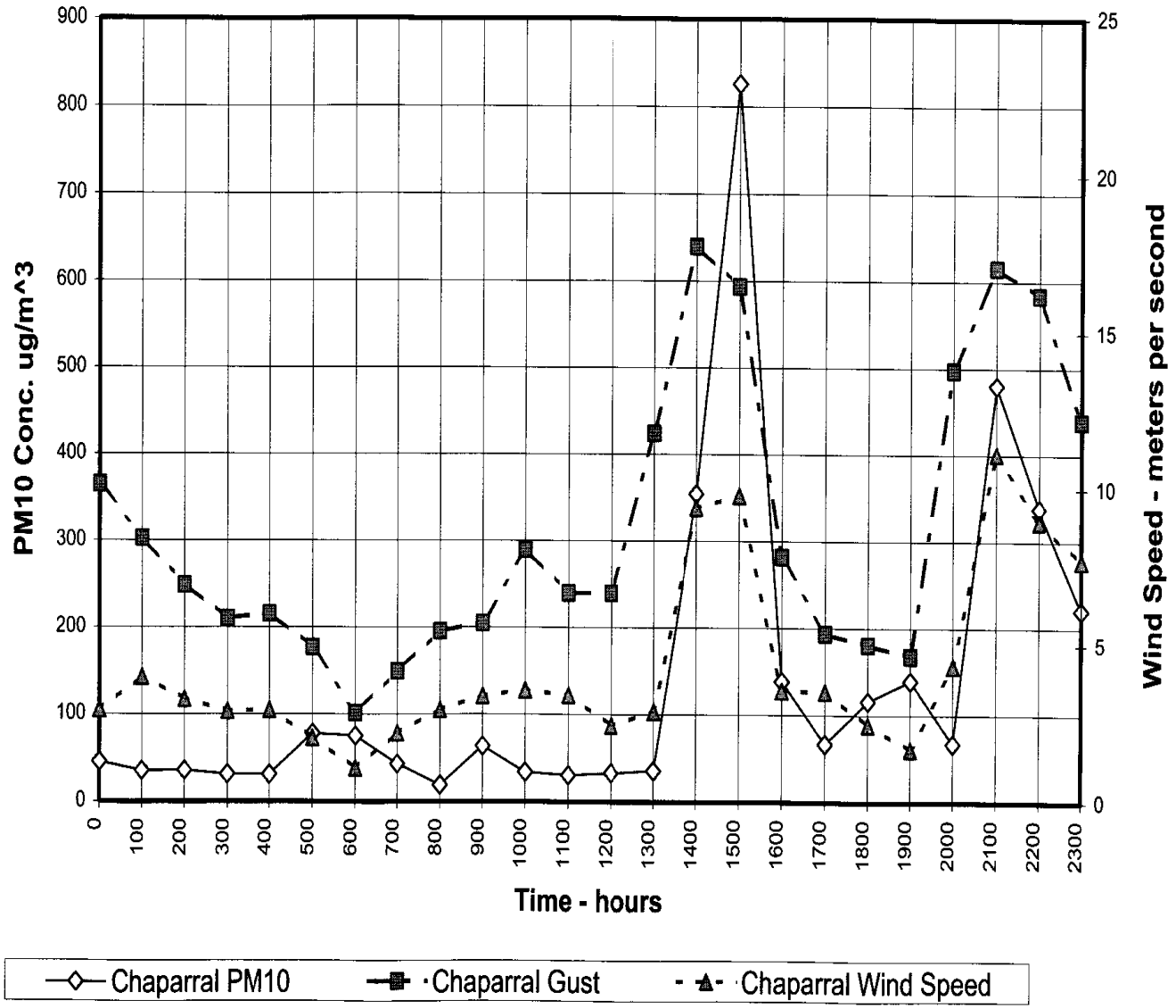
May 11, 2001 - Sunland Park



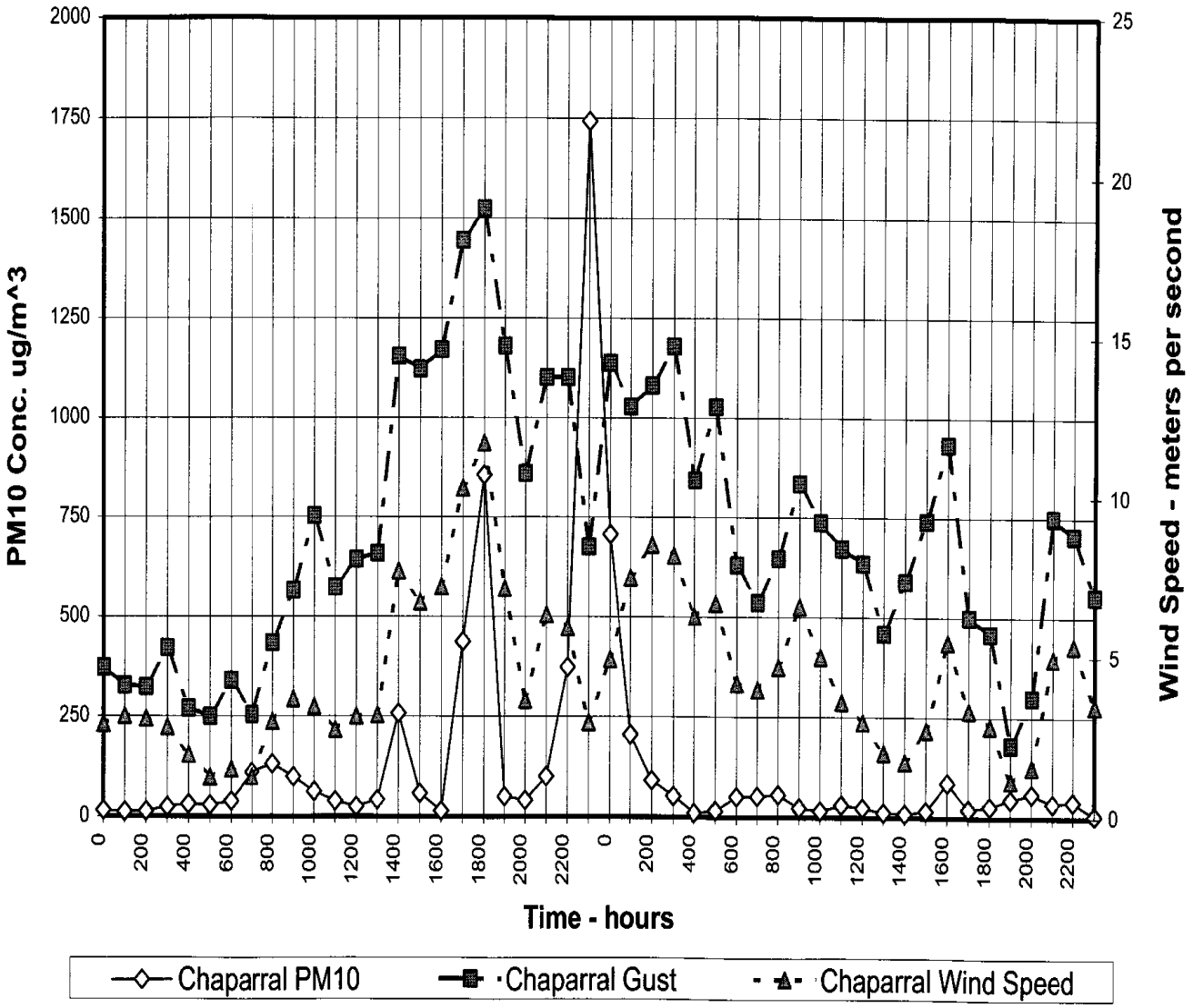
May 11, 2001 - Chaparral



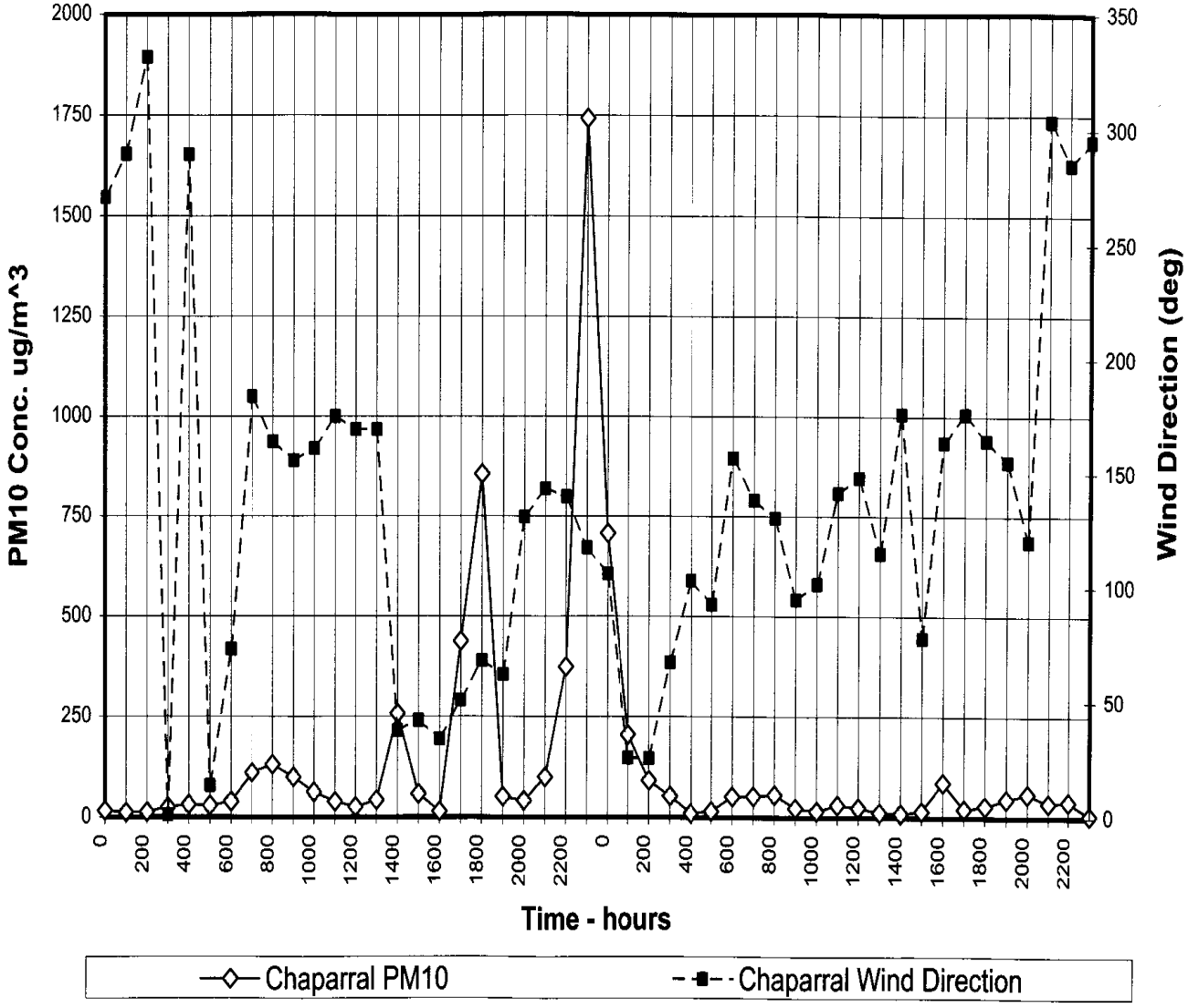
May 11, 2001 - Chaparral



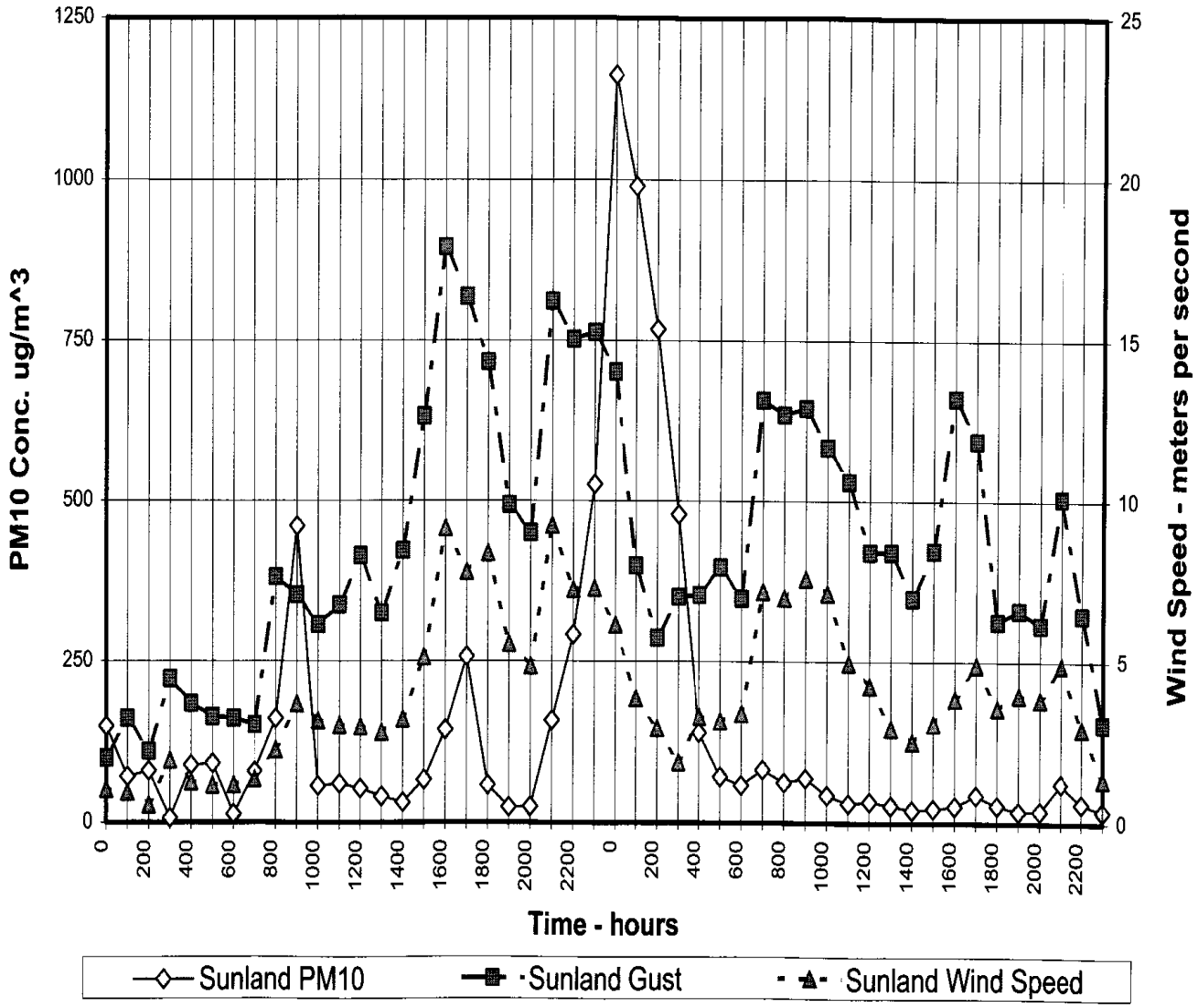
June 7-8, 2001 - Chaparral



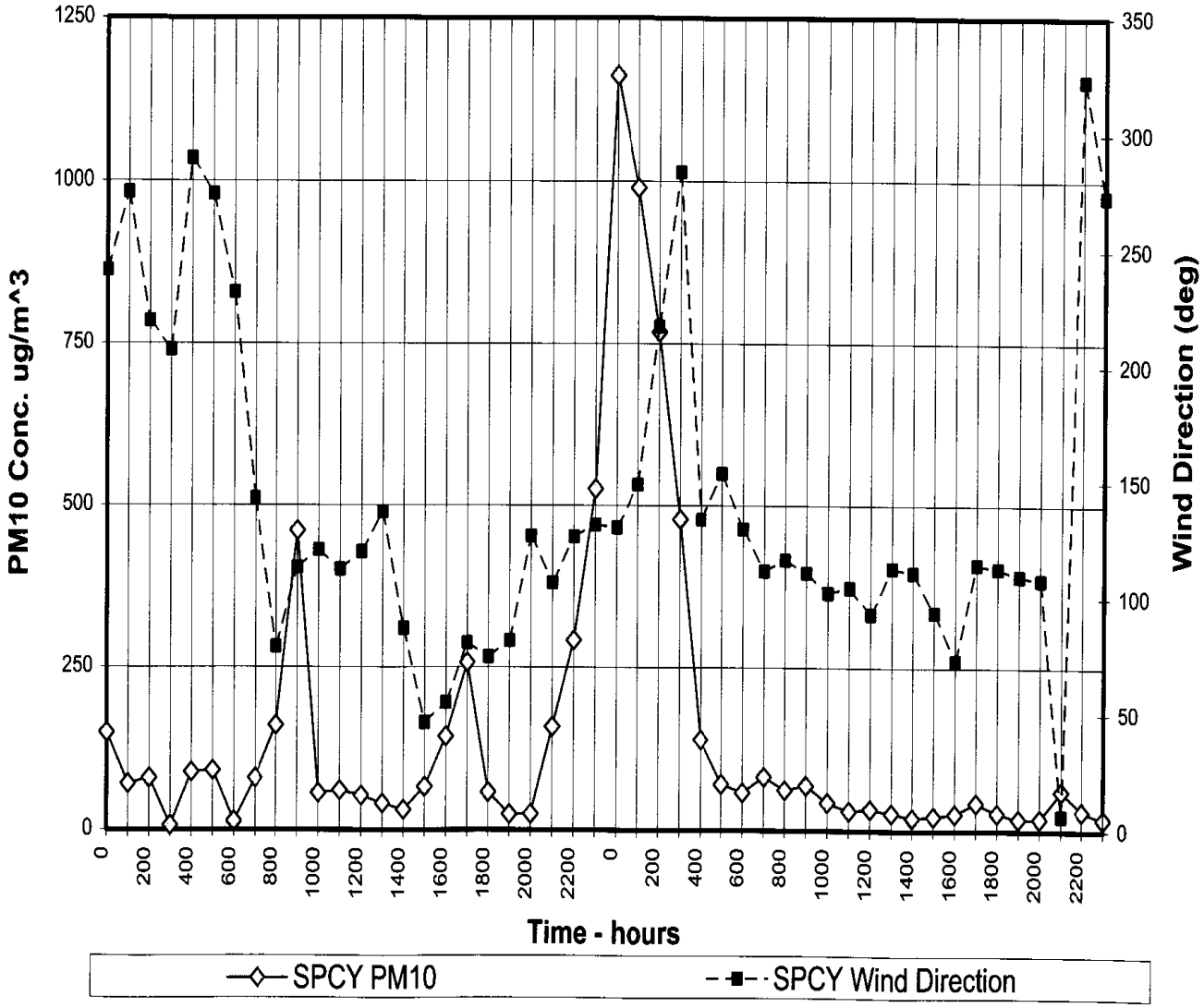
June 7-8, 2001 - Chaparral



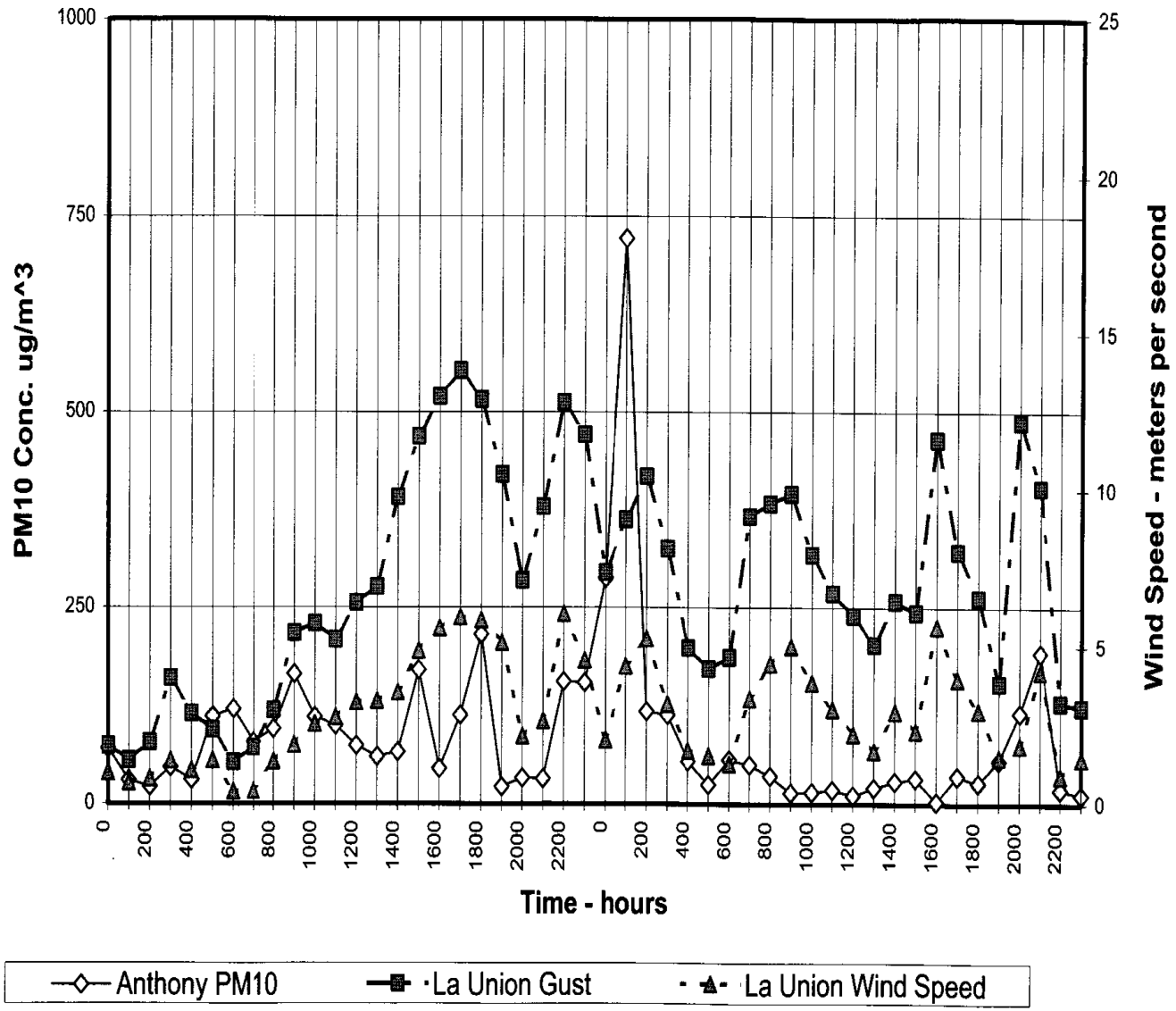
June 7-8, 2001 - Sunland Park



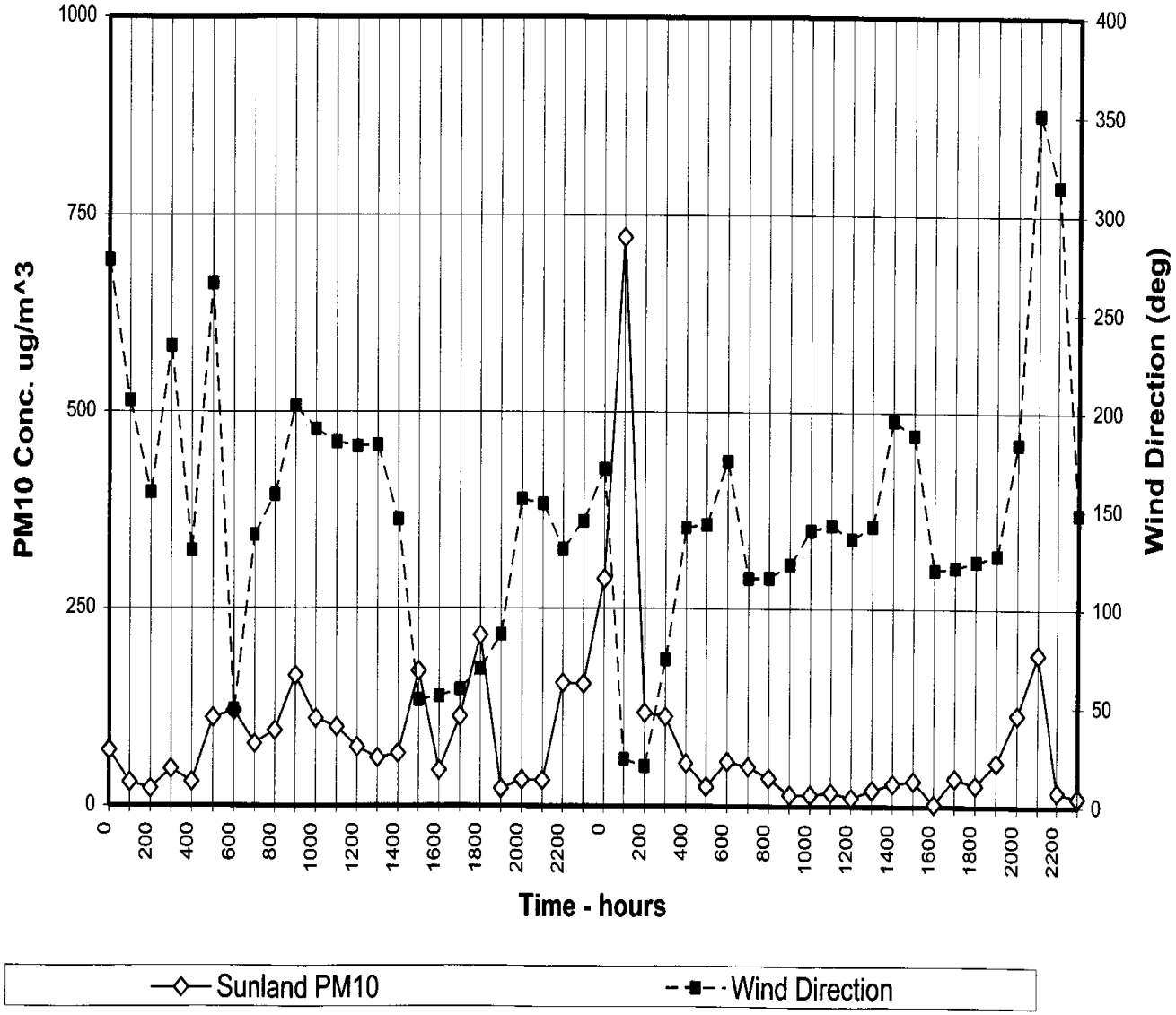
June 7-8, 2001 - Sunland Park



June 7-8, 2001 - Anthony (La Union met)



June 7-8, 2001 - Anthony (La Union met)



FXUS65 KABQ 072219 CCA
AFDABQ
AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE ALBUQUERQUE NM
420 PM MDT THU JUN 7 2001...CORRECTED TUC POP 1ST PD

SACS...SANGRES...JEMEZ HAVE ALREADY BOILED OVER AS OF 100 PM. LOOKING OUT THE WINDOW...CLOUDS ARE BUILDING OVER THE SANDIAS ALSO. TSTRMS OVER SACS WILL DRIFT WESTWARD WHILE TSTMS OVER SANGRES WILL DRIFT OUT INTO PLAINS. DUE TO LACK OF SHEAR...DON'T EXPECT ANYTHING TO HOLD TOGETHER LONG...JUST SEND OUT OUTFLOW BOUNDARIES AND KICK OFF MORE TSTMS.

GIVEN THE JUICY DEWPTS IN THE PLAINS WITH AN INCH PLUS OF PRECIPITABLE WATER...A COUPLE THSND JOULES OF CAPE AND A MESS OF OUTFLOW BOUNDARIES...EXPECT TSTMS TO GO WELL INTO THE NIGHTTIME HOURS OVER THE EAST WITH LOCALLY HEAVY RAINFALL POSSIBLE. WHETHER OR NOT TO GO WITH A FLASH FLOOD WATCH FOR THE EAST TONIGHT WILL BE A LAST MINUTE DECISION. BIGGEST DEPARTURE FROM GUIDANCE WILL BE IN THE EAST FOR TONIGHT.

TSTMS MOVING WESTWARD INTO SOUTHWEST NEW MEXICO THIS EVENING WILL HELP SPREAD MOISTURE INTO THE WESTCENTRAL AND NORTHWEST FOR TOMMORROW. ALSO EXPECT SOME EAST WINDS IN THE CENTRAL VALLEYS TONIGHT DUE TO MULTITUDE OF THUNDERSTORMS IN THE EAST TONIGHT. THIS WILL IMPORT SUBSTANTIAL MOISTURE INTO THE CENTRAL VALLEYS. MOS GUIDANCE COVERS THIS WITH 30-40 PCT POPS IN ABQ FRIDAY.

WILL ADD A MENTION OF TSTMS TO THE FCST FOR SUNDAY. BY MONDAY... ENOUGH WESTERLY WINDS TO MIX MOISTURE OUT. THEN A BACKDOOR FRONT DROPS IN FOR TUESDAY AND WEDNESDAY. WITH THE WESTERLIES FCST TO BE WELL OFF TO THE NORTH NEXT THURSDAY...WILL KEEP IN MENTION OF TSTMS.
JWS

ABQ BB 065/088 065/088 064 46233
SAF BB 058/083 058/083 057 46243
TCC BB 064/087 062/086 062 46425

.ABQ...NONE.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: EL PASO, TX
MONTH: JUNE
YEAR: 2001
LATITUDE: 31 47 N
LONGITUDE: 106 24 W

TEMPERATURE IN F:							:PCPN:	SNOW:		WIND			:SUNSHINE:	SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10 AVG SPD	11 MX SPD	12 2MIN DIR	13 MIN	14 PSBL	15 S-S	16 WX	17 SPD	18 DR
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH									
1	101	69	85	8	0	20	0.00	0.0	0	10.0	25	280	M	100	2		31	270
2	100	75	88	11	0	23	0.00	0.0	0	15.8	30	270	M	100	1		37	230
3	96	76	86	8	0	21	0.00	0.0	0	19.0	36	240	M	99	1	8	41	250
4	95	74	85	7	0	20	0.00	0.0	0	19.2	30	240	M	100	1		37	250
5	94	73	84	6	0	19	0.00	0.0	0	10.9	28	260	M	100	0		32	260
6	97	66	82	3	0	17	0.00	0.0	0	4.5	16	280	M	100	1		18	270
7	98	64	81	2	0	16	0.11	0.0	0	11.0	31	50	M	74	6	3	41	360
8	90	71	81	2	0	16	T	0.0	0	8.8	20	170	M	93	7	3	25	70
9	93	68	81	2	0	16	0.00	0.0	0	6.9	21	110	M	94	6	3	24	100
10	101	71	86	6	0	21	0.00	0.0	0	6.3	18	10	M	98	1		22	10
11	102	71	87	7	0	22	0.00	0.0	0	10.9	30	250	M	96	3		40	250
12	98	78	88	8	0	23	T	0.0	0	15.5	32	250	M	74	6	8	39	240
13	95	75	85	5	0	20	0.00	0.0	0	23.5	32	240	M	100	0	8	40	250
14	89	67	78	-3	0	13	0.00	0.0	0	9.6	29	250	M	100	0		37	240
15	96	62	79	-2	0	14	0.00	0.0	0	7.2	15	180	M	100	1		20	140
16	97	72	85	4	0	20	0.00	0.0	0	9.1	24	100	M	96	1		30	120
17	94	70	82	1	0	17	0.00	0.0	0	7.9	32	340	M	86	4	38	36	340
18	96	72	84	3	0	19	0.00	0.0	0	8.9	28	80	M	84	5	8	32	90
19	99	72	86	5	0	21	0.02	0.0	0	9.1	29	100	M	76	6	38	36	20
20	97	69	83	1	0	18	0.00	0.0	0	6.6	25	40	M	84	6	3	29	40
21	95	69	82	0	0	17	0.00	0.0	0	8.7	21	100	M	68	4		26	120
22	95	71	83	1	0	18	0.00	0.0	0	7.2	21	80	M	92	4		25	80
23	100	73	87	5	0	22	T	0.0	0	8.3	28	270	M	78	6	3	33	270
24	100	75	88	6	0	23	0.00	0.0	0	9.6	28	280	M	68	6	3	35	270
25	97	67	82	0	0	17	0.16	0.0	0	9.1	25	140	M	66	7	3	32	120
26	85	67	76	-6	0	11	0.01	0.0	0	6.6	29	150	M	49	8		31	150
27	88	65	77	-5	0	12	T	0.0	0	5.6	17	180	M	89	6		21	180
28	98	69	84	2	0	19	T	0.0	0	6.6	24	40	M	74	5	83	28	50
29	98	69	84	2	0	19	0.00	0.0	0	6.2	15	310	M	69	6		17	300
30	98	72	85	3	0	20	0.00	0.0	0	7.0	26	70	M	94	6	3	33	70
SM	2882	2112			0	554	0.30		0.0	295.6			M		115			
AV	96.1	70.4								9.9	FASTST		PSBL	%	4		MAX(MPH)	
								MISC ---->			36	240					41	360

NOTES:
LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: EL PASO
MONTH: JUNE
YEAR: 2001
LATITUDE: 31 47 N
LONGITUDE: 106 24 W

[TEMPERATURE DATA]

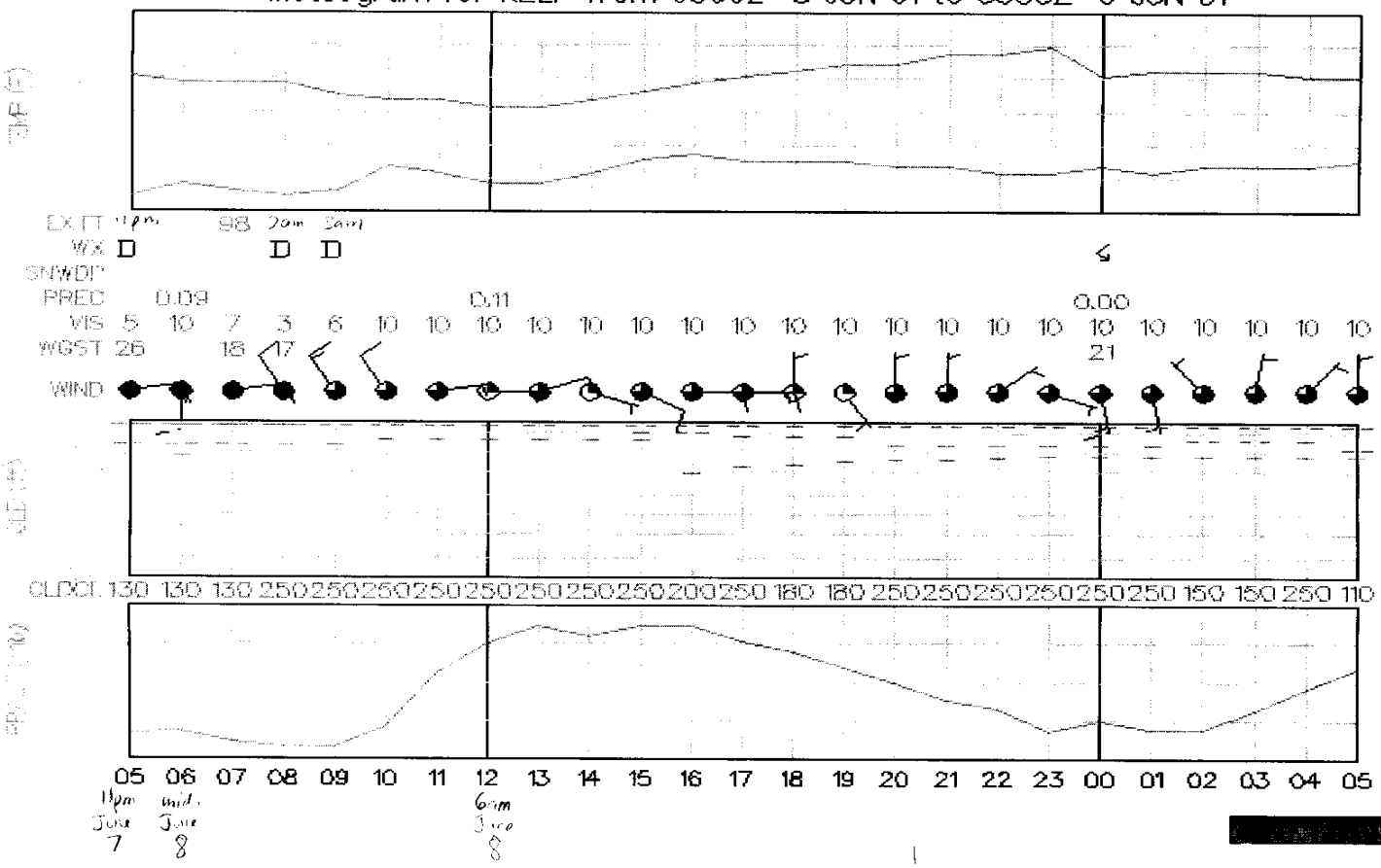
AVERAGE MONTHLY: 83.2
DPTR FM NORMAL: 2.6
HIGHEST: 102 ON 11
LOWEST: 62 ON 15

[PRECIPITATION DATA]

TOTAL FOR MONTH: 0.30
DPTR FM NORMAL: -0.37
GRTST 24HR 0.17 ON 25-26

SNOW, ICE PELLETS, HAIL
TOTAL MONTH: 0.0 INCH

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL

Meteogram for KELP from 0500Z 8 JUN 01 to 0500Z 9 JUN 01