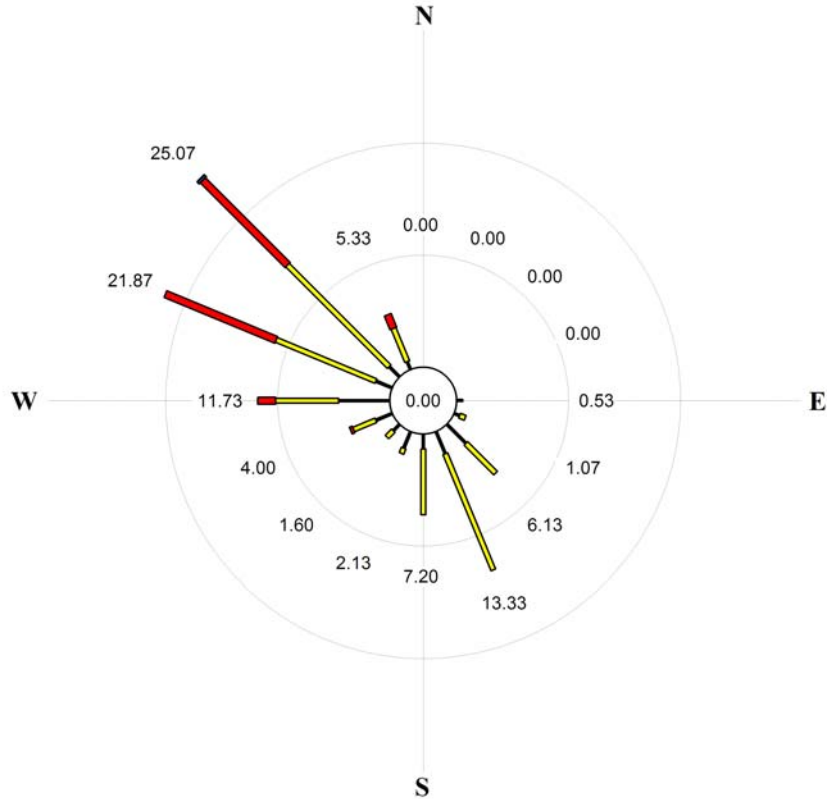


APPENDIX E

Meteorological Data and Wind Roses

**BACKGROUND
WIND ROSE
KERN ISLAND IRRIGATION CANAL
JUNE 21, 2006 06:46 TO 13:00 HRS. PST (1 MINUTE AVERAGES)**



Calms included at center.
Rings drawn at 10% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)

DIR	0.1	3.5	6.9	11.5	18.4	24.2
N	0.00	0.00	0.00	0.00	0.00	0.00
NNE	0.00	0.00	0.00	0.00	0.00	0.00
NE	0.00	0.00	0.00	0.00	0.00	0.00
ENE	0.00	0.00	0.00	0.00	0.00	0.00
E	0.53	0.00	0.00	0.00	0.00	0.00
ESE	0.53	0.53	0.00	0.00	0.00	0.00
SE	2.40	3.73	0.00	0.00	0.00	0.00
SSE	2.13	11.20	0.00	0.00	0.00	0.00
TOTAL OBS = 375 MISSING OBS = 0						

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)

DIR	0.1	3.5	6.9	11.5	18.4	24.2
S	1.33	5.87	0.00	0.00	0.00	0.00
SSW	1.60	0.53	0.00	0.00	0.00	0.00
SW	0.80	0.80	0.00	0.00	0.00	0.00
WSW	1.60	2.13	0.27	0.00	0.00	0.00
W	4.53	5.60	1.60	0.00	0.00	0.00
WNW	1.60	9.60	10.67	0.00	0.00	0.00
NW	1.33	12.80	10.67	0.27	0.00	0.00
NNW	0.80	3.20	1.33	0.00	0.00	0.00
CALM OBS = 0 PERCENT CALM = 0.00						

Export Export Printing	Filename data Date	:	for	:	station	:	Kern	Island	
		:		:	6/29/2006	:			
			WS (MPH)		WD (Deg)		AT (Deg C)	RH (%)	Sigma (Deg)
	6/21/2006		6:46	4.4	163.7		26.3	33	6.9
	6/21/2006		6:47	4.2	169.2		25.7	33.6	5.3
	6/21/2006		6:48	3.1	163.7		25.6	33.8	10
	6/21/2006		6:49	3.5	137.3		25.6	34.6	23.4
	6/21/2006		6:50	4.4	142.1		25.5	33.4	8.1
	6/21/2006		6:51	4.1	151.9		25.4	34	12.4
	6/21/2006		6:52	4.5	152.5		25.4	34.2	6.7
	6/21/2006		6:53	3.6	153.5		25.4	33.9	11.2
	6/21/2006		6:54	3.6	153.8		25.4	33.7	12
	6/21/2006		6:55	4.4	159.2		25.5	32.2	6.4
	6/21/2006		6:56	3.8	155.5		25.6	32.5	9.2
	6/21/2006		6:57	4.2	151.3		25.6	31.9	7.1
	6/21/2006		6:58	5.1	146.3		25.6	30.9	7.9
	6/21/2006		6:59	4.8	143.8		25.6	31.6	8
	6/21/2006		7:00	4.1	143.5		25.7	32	15.1
	6/21/2006		7:01	3.4	137.4		25.7	32	16.7
	6/21/2006		7:02	3.6	146.2		25.8	32.2	12.5
	6/21/2006		7:03	3	128.3		25.8	31.4	15.6
	6/21/2006		7:04	2.8	129.2		25.8	31.4	14.6
	6/21/2006		7:05	4.1	154.3		25.8	31.2	11.2
	6/21/2006		7:06	5.4	155		25.8	29.6	6.9
	6/21/2006		7:07	4.6	165.9		25.8	30	7.8
	6/21/2006		7:08	4.8	160.9		25.9	30.5	6.4
	6/21/2006		7:09	4.1	156.3		25.9	30.5	12.1
	6/21/2006		7:10	4.9	163.8		25.9	30.3	7.1
	6/21/2006		7:11	4.5	164.8		26	30.2	5.5
	6/21/2006		7:12	4.3	149.2		26	30.8	13.8
	6/21/2006		7:13	4.4	115.9		26	30	14.6
	6/21/2006		7:14	4.3	127.7		26	29.8	12.3
	6/21/2006		7:15	3.9	140		26	30.1	12.7
	6/21/2006		7:16	3.1	136.1		26.1	30.5	15.6
	6/21/2006		7:17	4	155.4		26.2	30.6	11.4
	6/21/2006		7:18	3.2	142.6		26.2	30.5	14.3
	6/21/2006		7:19	5	153.5		26.2	30.3	5.2
	6/21/2006		7:20	5.8	168.8		26.2	29.5	3.6
	6/21/2006		7:21	5.1	161.5		26.2	29.3	5.9
	6/21/2006		7:22	4.9	159.4		26.2	29.7	8.8
	6/21/2006		7:23	5	174.3		26.2	29.5	7.2
	6/21/2006		7:24	5.5	170.1		26.2	29.5	9.2
	6/21/2006		7:25	5	155.2		26.2	29.3	8.6
	6/21/2006		7:26	4.8	151		26.2	29.4	7.5
	6/21/2006		7:27	4.3	158		26.3	30.1	7
	6/21/2006		7:28	6.8	159.5		26.4	29.1	9
	6/21/2006		7:29	5.1	155.6		26.5	28.9	6.9
	6/21/2006		7:30	5.1	143.8		26.5	29	8.3
	6/21/2006		7:31	5.5	136.8		26.5	28.4	10.7

6/21/2006	7:32	4.1	163.7	26.6	29.2	20.3
6/21/2006	7:33	4.2	188	26.7	28.2	16.9
6/21/2006	7:34	4.9	160.6	26.7	28.7	12.5
6/21/2006	7:35	4.8	175	26.7	28.6	8.6
6/21/2006	7:36	4	168.6	26.6	28.3	9.7
6/21/2006	7:37	5.1	158.8	26.6	28.3	10.5
6/21/2006	7:38	5.1	144.5	26.6	28.1	5.8
6/21/2006	7:39	5	144	26.7	27.9	8.6
6/21/2006	7:40	6.3	142.3	26.7	27	10.6
6/21/2006	7:41	5.1	168.1	26.7	26.9	10.9
6/21/2006	7:42	5.1	173.5	26.7	27.5	8.3
6/21/2006	7:43	5.8	168.3	26.8	27.7	9.6
6/21/2006	7:44	5.9	181.3	26.9	27.6	8.8
6/21/2006	7:45	5.8	180.7	26.9	27.1	6.4
6/21/2006	7:46	4.9	180.6	26.8	27.5	9.4
6/21/2006	7:47	4.1	154.7	27	27.8	12.3
6/21/2006	7:48	5.1	147.7	27	28.1	8.7
6/21/2006	7:49	5.2	173.7	27.1	27.4	17.1
6/21/2006	7:50	5.2	187.1	27.1	27.5	10.3
6/21/2006	7:51	4.9	194.9	27.1	27.1	5.7
6/21/2006	7:52	2.9	200.6	27	27	3.8
6/21/2006	7:53	3.9	183.7	27.1	27.6	14.6
6/21/2006	7:54	3.9	177.8	27.1	27.5	9.3
6/21/2006	7:55	3.3	173.1	27.1	27	8.8
6/21/2006	7:56	3.9	192.6	27.3	26.9	14.6
6/21/2006	7:57	5.6	190.5	27.3	26.3	8.8
6/21/2006	7:58	5.4	181.2	27.4	26.4	14.6
6/21/2006	7:59	4.7	157.4	27.4	26.5	14.9
6/21/2006	8:00	5.6	155	27.4	26.5	6.5
6/21/2006	8:01	4.9	160.1	27.5	26.5	5.2
6/21/2006	8:02	4.8	144.9	27.4	26.3	13.1
6/21/2006	8:03	3.9	119.3	27.3	26.1	9.2
6/21/2006	8:04	3.5	121.5	27.3	26.6	25.2
6/21/2006	8:05	3.3	163.4	27.3	26.2	14.5
6/21/2006	8:06	5.5	158.6	27.5	26.5	12.8
6/21/2006	8:07	5.6	184.5	27.6	26.1	12.5
6/21/2006	8:08	5.2	182.9	27.6	25.9	8.5
6/21/2006	8:09	5.3	179	27.5	25.7	7.2
6/21/2006	8:10	3.3	167.2	27.5	25.8	11.2
6/21/2006	8:11	2.2	163.6	27.5	25.8	19.5
6/21/2006	8:12	2.4	185.4	27.5	25.8	25.6
6/21/2006	8:13	3.5	148.8	27.6	25.9	9
6/21/2006	8:14	2.3	126.3	27.7	25.8	13.5
6/21/2006	8:15	2.2	148.3	27.7	25.8	22.7
6/21/2006	8:16	4.3	147	28.1	26	11.6
6/21/2006	8:17	5.9	184.5	28.1	25.9	24.7
6/21/2006	8:18	6.3	167.4	28	26.2	13.2
6/21/2006	8:19	4.9	163.7	28	25.5	12.6
6/21/2006	8:20	4.3	158	27.9	25.6	12.5
6/21/2006	8:21	3.5	138.7	27.9	25.8	7.6
6/21/2006	8:22	3.6	142.4	27.9	26.1	6
6/21/2006	8:23	4.1	140.3	27.9	25.9	5.2
6/21/2006	8:24	3	170.2	28	26.5	51.9

6/21/2006	8:25	2.5	272.7	28	26.5	15.3
6/21/2006	8:26	2.9	221.5	28	26.3	13
6/21/2006	8:27	2.1	227.6	28	26.2	15.1
6/21/2006	8:28	2.5	289.4	28.1	26.5	17.9
6/21/2006	8:29	1.9	256.2	28.1	26.9	29.7
6/21/2006	8:30	4.2	178.9	28.3	26.2	9.9
6/21/2006	8:31	5.5	175.5	28.2	25.8	6.2
6/21/2006	8:32	3.2	181.4	28.2	25.9	14.5
6/21/2006	8:33	1.7	149.8	28.3	26.1	32.1
6/21/2006	8:34	2.6	117.6	28.4	26.4	16
6/21/2006	8:35	2	130.3	28.3	25.7	11.9
6/21/2006	8:36	1.4	154.8	28.5	25.9	18.3
6/21/2006	8:37	1.9	205.8	28.5	25.7	22.7
6/21/2006	8:38	3.4	203.7	28.4	25.9	11.5
6/21/2006	8:39	3.5	199.4	28.5	26.2	14.7
6/21/2006	8:40	4.3	246.9	28.6	27.3	8.7
6/21/2006	8:41	1.9	257.7	28.4	26.3	28.1
6/21/2006	8:42	3.2	227.4	28.7	27	18.3
6/21/2006	8:43	4.4	233.2	28.6	26.4	11
6/21/2006	8:44	2.8	210.4	28.7	26.2	14.3
6/21/2006	8:45	2.4	190.2	28.6	26	15.7
6/21/2006	8:46	2.8	212.3	28.7	26.4	19.5
6/21/2006	8:47	4	255.6	28.6	27.4	16.2
6/21/2006	8:48	3.7	273.1	28.6	27.4	12.6
6/21/2006	8:49	1.8	276	28.5	27.3	11.3
6/21/2006	8:50	2.3	316.6	28.6	27	25.9
6/21/2006	8:51	4.2	309.7	28.7	26.7	9.8
6/21/2006	8:52	4.8	316.6	28.7	27	12.7
6/21/2006	8:53	4.5	302.2	28.7	26.7	8.1
6/21/2006	8:54	3.5	304.4	28.6	26.6	8.8
6/21/2006	8:55	3.7	315.9	28.8	26.7	10.6
6/21/2006	8:56	3.1	332.8	28.8	26.9	43.3
6/21/2006	8:57	5.7	326.7	28.8	27.3	8.2
6/21/2006	8:58	5.5	317.8	28.8	27.4	9.1
6/21/2006	8:59	4.6	296.3	28.8	27.4	13
6/21/2006	9:00	3.1	280.5	28.8	27.3	11.7
6/21/2006	9:01	1.4	284	28.9	26.1	42.1
6/21/2006	9:02	3.8	322.6	29.1	26.9	11.5
6/21/2006	9:03	3.6	340.7	29.1	26.7	13.4
6/21/2006	9:04	2.4	343.7	29.1	26.2	29.2
6/21/2006	9:05	3.6	318.3	29.2	28	9.4
6/21/2006	9:06	4.3	324.8	29.2	27.2	6.2
6/21/2006	9:07	4.8	296.3	29.1	27.6	10.3
6/21/2006	9:08	5.1	310.1	29	27	14.3
6/21/2006	9:09	3.2	296.8	29.1	27.1	25.8
6/21/2006	9:10	3.1	271.8	29.1	26.6	15.3
6/21/2006	9:11	1.6	266	29.1	26.3	24.5
6/21/2006	9:12	2.8	294	29.2	26.3	12
6/21/2006	9:13	3.2	280.2	29.2	27.2	17.9
6/21/2006	9:14	2.5	280.8	29.2	26.9	17.8
6/21/2006	9:15	3	331	29.4	28.3	17.3
6/21/2006	9:16	4	327.7	29.4	26.6	12.4
6/21/2006	9:17	3.8	331.3	29.4	26.5	14.5

6/21/2006	9:18	3.8	309.9	29.5	26.9	20.6
6/21/2006	9:19	2.7	306.3	29.7	27.5	42.5
6/21/2006	9:20	2.7	245.2	29.6	26.6	27.2
6/21/2006	9:21	3.9	261.7	29.5	26.7	13.7
6/21/2006	9:22	4.4	267.7	29.6	27.6	15.6
6/21/2006	9:23	4.6	268.2	29.6	27.1	15.5
6/21/2006	9:24	4.1	274.9	29.5	27.6	17.1
6/21/2006	9:25	2.7	266.4	29.4	26.9	10.2
6/21/2006	9:26	1.6	280.4	29.4	26.4	22.6
6/21/2006	9:27	2.6	266.3	29.5	26.7	14.5
6/21/2006	9:28	1.9	249.5	29.5	26.4	25
6/21/2006	9:29	3.5	277.9	29.7	27.3	35.2
6/21/2006	9:30	6.6	251.8	29.8	28	24.3
6/21/2006	9:31	8.5	320	29.9	27.8	31
6/21/2006	9:32	6.2	342.3	29.8	26.7	11.8
6/21/2006	9:33	4.5	342.7	29.9	27.2	8.4
6/21/2006	9:34	6	324.8	29.9	27.6	7.5
6/21/2006	9:35	6.7	312.5	29.9	28.1	10.6
6/21/2006	9:36	5.2	287.7	29.8	27.5	12.1
6/21/2006	9:37	3.1	278.3	29.8	26.9	15.7
6/21/2006	9:38	5.1	293.5	29.9	28	7.4
6/21/2006	9:39	3.3	269.9	29.8	26.6	27.4
6/21/2006	9:40	2.7	257.4	29.9	27.7	14.5
6/21/2006	9:41	4.5	285.5	30	27.8	17.9
6/21/2006	9:42	3.5	262.2	29.9	26.9	10.1
6/21/2006	9:43	4.1	274.5	30	28	18.5
6/21/2006	9:44	2.9	311.7	30.1	27.6	9.2
6/21/2006	9:45	3.7	320.1	30	27	9.3
6/21/2006	9:46	4.4	324.3	30.1	27.5	11.5
6/21/2006	9:47	4.7	322.5	30	25.8	10.2
6/21/2006	9:48	2.1	298.6	30.1	25.8	60.5
6/21/2006	9:49	1.4	96.4	30.3	25.6	21.5
6/21/2006	9:50	1.4	98.8	30.4	25.8	80.5
6/21/2006	9:51	1.5	267.3	30.5	26.1	18.9
6/21/2006	9:52	2.3	265.3	30.4	26.2	21.8
6/21/2006	9:53	6.5	305.9	30.4	26.8	11.1
6/21/2006	9:54	6.8	294.1	30.3	26.9	8.2
6/21/2006	9:55	5.9	321.1	30.3	26.1	10.9
6/21/2006	9:56	7.2	323.3	30.3	28	15.2
6/21/2006	9:57	7.7	309.1	30.3	27.4	8.6
6/21/2006	9:58	9.4	313.9	30.3	28.3	10
6/21/2006	9:59	8.2	316.1	30.2	26.4	6.6
6/21/2006	10:00	5.7	313.7	30.2	26.4	9.5
6/21/2006	10:01	6.7	335.4	30.3	26.3	12.2
6/21/2006	10:02	5.6	338.8	30.3	25.9	15.3
6/21/2006	10:03	7.8	314.5	30.4	27.3	11.6
6/21/2006	10:04	7.9	315.6	30.4	27.8	12.2
6/21/2006	10:05	7	314.8	30.3	26.2	11.1
6/21/2006	10:06	4.9	307.7	30.3	26.5	17.6
6/21/2006	10:07	4.8	337.4	30.4	25.5	15.8
6/21/2006	10:08	5.5	325.3	30.4	25.5	8.4
6/21/2006	10:09	8.6	309.3	30.5	27.3	11.5
6/21/2006	10:10	7	290.8	30.6	26.9	11

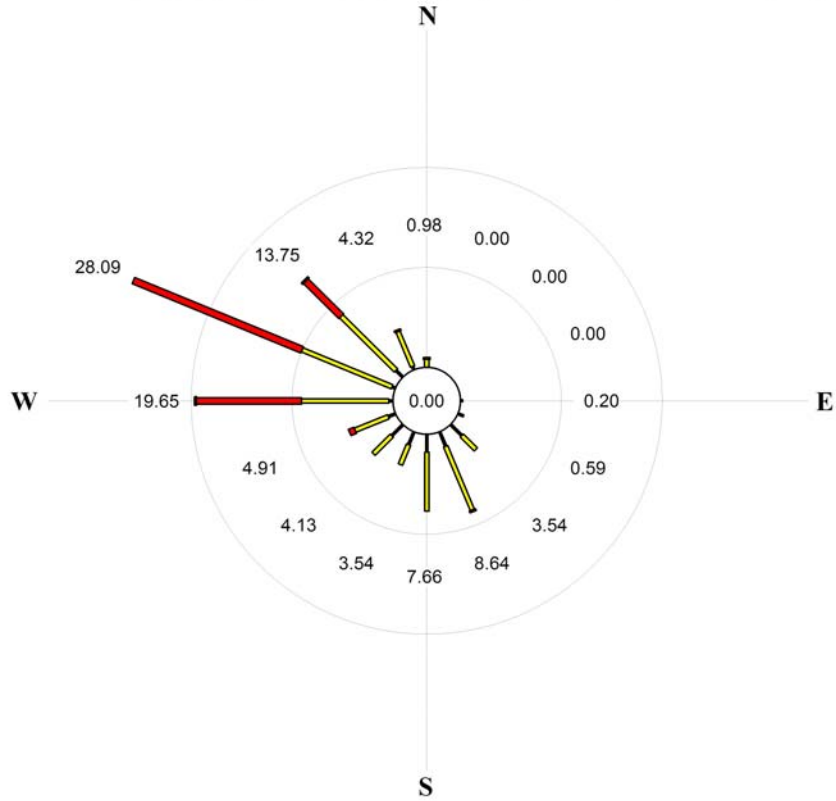
6/21/2006	10:11	6.3	283.3	30.5	25.9	14.6
6/21/2006	10:12	5.5	284.9	30.7	26.9	16.2
6/21/2006	10:13	6.9	290	30.6	26	10.8
6/21/2006	10:14	5.9	283.6	30.6	25.7	12.7
6/21/2006	10:15	5.9	300.9	30.5	25.3	9.6
6/21/2006	10:16	5.4	297.6	30.5	25.2	15.5
6/21/2006	10:17	6.6	304.5	30.6	26.6	13.2
6/21/2006	10:18	6.5	312.2	30.5	25.6	8.2
6/21/2006	10:19	6.6	294.2	30.5	25.9	13.4
6/21/2006	10:20	8.4	287.8	30.6	26.9	10.6
6/21/2006	10:21	8.3	294.4	30.5	26.1	10.1
6/21/2006	10:22	8.1	286.4	30.6	26.4	7.1
6/21/2006	10:23	7	301.5	30.6	25.9	11.1
6/21/2006	10:24	6.5	301.6	30.6	26.9	11.8
6/21/2006	10:25	5.7	283.7	30.5	25.9	9.9
6/21/2006	10:26	5.1	283	30.5	25.5	10.6
6/21/2006	10:27	4.1	283.4	30.4	25.5	12.3
6/21/2006	10:28	4.7	294.2	30.5	25.7	15.5
6/21/2006	10:29	9.1	303	30.6	26.7	10
6/21/2006	10:30	7.4	307.7	30.5	26.6	10
6/21/2006	10:31	5.2	315.6	30.5	26.1	8.7
6/21/2006	10:32	3	309.9	30.5	25	22.9
6/21/2006	10:33	4	267.3	30.5	26.3	27
6/21/2006	10:34	4.3	305.4	30.6	25.9	19.7
6/21/2006	10:35	4.4	261.3	30.7	26.9	20.4
6/21/2006	10:36	6.2	282.6	30.7	26.3	7.9
6/21/2006	10:37	7.9	281	31	26.6	10.5
6/21/2006	10:38	8.1	284.8	31.1	26.5	9.4
6/21/2006	10:39	6.4	298.9	31.1	26.2	17.5
6/21/2006	10:40	6.8	315.5	31	26	9.2
6/21/2006	10:41	6.5	312.7	30.9	26.1	6.4
6/21/2006	10:42	6.3	341.9	30.7	25.5	18.1
6/21/2006	10:43	6.2	319.5	30.9	26	26
6/21/2006	10:44	7.3	287.1	30.9	25.8	8.8
6/21/2006	10:45	6.4	274.7	30.8	25.4	15.2
6/21/2006	10:46	3.8	242.8	30.8	25.4	11.2
6/21/2006	10:47	4	228.6	31.1	25.1	22.1
6/21/2006	10:48	5.9	239.9	31.1	25.2	9
6/21/2006	10:49	4.8	256.5	31	25.2	9.8
6/21/2006	10:50	5.8	273.5	31.3	27.2	16.6
6/21/2006	10:51	3.3	264.1	31.4	25.8	26.1
6/21/2006	10:52	4.9	263.9	31.3	25.4	14.5
6/21/2006	10:53	6	259.6	31.2	25.9	11.8
6/21/2006	10:54	2.9	237.1	31.1	24.8	16.9
6/21/2006	10:55	4.7	254.3	31.2	25.9	17.2
6/21/2006	10:56	4.4	234.6	31.3	26	20.4
6/21/2006	10:57	5.8	269.1	31.3	25.3	10.5
6/21/2006	10:58	6.8	274.7	31.5	26.6	16.9
6/21/2006	10:59	8.5	247.9	31.7	26	13.2
6/21/2006	11:00	7.9	310.3	31.5	26.4	10.9
6/21/2006	11:01	5.7	321.8	31.3	26.5	11
6/21/2006	11:02	8.2	315.5	31.2	27	4.7
6/21/2006	11:03	6.8	315.7	31.1	26.4	6.1

6/21/2006	11:04	5.9	325.9	31.2	27.6	17.7
6/21/2006	11:05	6.1	306.2	31.3	26.9	14.8
6/21/2006	11:06	5.5	303.1	31.1	25.8	9.2
6/21/2006	11:07	6.9	311.4	31.3	27.8	17.3
6/21/2006	11:08	6.2	328.7	31.3	26.7	14.5
6/21/2006	11:09	6.8	306.4	31.4	28.2	15.9
6/21/2006	11:10	4.6	276.4	31.3	26	8.4
6/21/2006	11:11	6.5	275.1	31.4	25.6	13.9
6/21/2006	11:12	6.1	293	31.4	25.9	19.7
6/21/2006	11:13	5.1	289.2	31.3	26.4	16.2
6/21/2006	11:14	5.7	287.7	31.6	26.9	17.3
6/21/2006	11:15	7.1	313.3	31.5	26.1	18.4
6/21/2006	11:16	3.6	303.8	31.4	24.7	18
6/21/2006	11:17	2.7	282.5	31.6	25.5	19.1
6/21/2006	11:18	5.8	312.8	31.5	25.3	16.3
6/21/2006	11:19	7.5	297.1	31.6	26.7	18.2
6/21/2006	11:20	8.5	278.3	31.6	25.1	9.6
6/21/2006	11:21	8	271.5	31.6	24.9	7.6
6/21/2006	11:22	7.5	271.8	31.6	25.4	11
6/21/2006	11:23	6.8	278.3	31.7	26.4	13.4
6/21/2006	11:24	5.3	270.1	31.7	25.7	14
6/21/2006	11:25	9	266.6	31.8	25.8	9.9
6/21/2006	11:26	5.8	243.5	31.7	24.9	12.7
6/21/2006	11:27	6.9	262.4	31.7	25.6	15.4
6/21/2006	11:28	7.8	291.7	31.6	25	11.2
6/21/2006	11:29	6.5	285.9	31.8	26.8	11.4
6/21/2006	11:30	8.4	289.4	31.8	25.8	9.9
6/21/2006	11:31	8.6	300.7	31.7	26	11.6
6/21/2006	11:32	6.4	317.3	31.6	25.6	12.3
6/21/2006	11:33	8.3	307.1	31.7	27	15.2
6/21/2006	11:34	8.4	307.8	31.6	25.7	11.3
6/21/2006	11:35	5.8	288	31.6	25.3	17
6/21/2006	11:36	6.5	291.4	31.8	25.8	15.7
6/21/2006	11:37	7.5	333.7	31.9	25.8	11.1
6/21/2006	11:38	9.1	327.3	31.8	26.9	8.8
6/21/2006	11:39	9.2	331.9	31.6	25.1	4
6/21/2006	11:40	7.3	330.9	31.6	26	5.5
6/21/2006	11:41	6.1	321.9	31.6	26.4	9.9
6/21/2006	11:42	7.4	307.2	31.6	26.8	6.4
6/21/2006	11:43	6.3	315.8	31.8	26.7	10.9
6/21/2006	11:44	7.6	315.9	31.9	28.3	7.9
6/21/2006	11:45	7.1	315.8	31.8	27.2	10.4
6/21/2006	11:46	5.3	307.9	31.9	27.3	15.8
6/21/2006	11:47	5.6	308.9	31.7	26.5	10.3
6/21/2006	11:48	4.1	295.5	31.8	27.3	27.7
6/21/2006	11:49	7.6	294	32.1	27.1	34
6/21/2006	11:50	10.5	302.3	31.9	27.2	10.2
6/21/2006	11:51	7.6	306.2	31.8	26.1	7.2
6/21/2006	11:52	9	309.6	31.8	27	9.7
6/21/2006	11:53	9.3	306.7	31.7	26	12.2
6/21/2006	11:54	4.3	273.8	31.8	26	34.7
6/21/2006	11:55	9.8	285.9	31.9	26.2	15
6/21/2006	11:56	10.2	296.3	31.9	26.8	8.7

6/21/2006	11:57	8.9	300.1	31.9	26.7	8.9
6/21/2006	11:58	6.1	306.9	31.8	26.6	10.5
6/21/2006	11:59	4.9	295.8	31.9	27	17.1
6/21/2006	12:00	5.7	314.2	32.2	28.1	17.3
6/21/2006	12:01	9.9	322.5	32.1	27.7	9
6/21/2006	12:02	9.7	320	31.9	27.9	10.1
6/21/2006	12:03	10.9	320.7	31.9	27.6	7.3
6/21/2006	12:04	6.9	315.3	31.8	26.4	13.3
6/21/2006	12:05	8.4	295.9	31.9	28.1	12.8
6/21/2006	12:06	7.3	303.5	31.9	26.9	10.2
6/21/2006	12:07	6.4	304.1	31.9	26.9	12.8
6/21/2006	12:08	7	318.3	32.2	28	14.5
6/21/2006	12:09	7.3	341.7	32.4	26.7	17.8
6/21/2006	12:10	6.4	319.6	32.3	26.6	12.9
6/21/2006	12:11	8.2	303.9	32.2	27.5	18.1
6/21/2006	12:12	6.8	292.9	32.2	28	15.6
6/21/2006	12:13	7.3	322.9	32.4	28.4	21.3
6/21/2006	12:14	7.8	304.7	32.5	29.2	24
6/21/2006	12:15	10.9	314.3	32.4	27.6	16.6
6/21/2006	12:16	8.3	321.1	32.3	28.8	10.1
6/21/2006	12:17	8.1	304.3	32.2	27.3	14.7
6/21/2006	12:18	9.1	299.8	32.2	27.6	13.8
6/21/2006	12:19	7.2	322.5	32.3	29.2	11.8
6/21/2006	12:20	9.7	299.4	32.4	28.4	11.2
6/21/2006	12:21	7.5	298.5	32.3	27.8	14.1
6/21/2006	12:22	9.8	318.2	32.3	28.9	9.8
6/21/2006	12:23	8.1	318	32.2	27.2	12.5
6/21/2006	12:24	8	290.1	32.2	27.3	8.4
6/21/2006	12:25	7.1	281.5	32.1	26.6	11.7
6/21/2006	12:26	5.2	289.9	32.1	26.7	15
6/21/2006	12:27	5.9	300.3	32.3	27.9	16.2
6/21/2006	12:28	9	293.9	32.7	28.3	18.5
6/21/2006	12:29	10.1	287.5	32.6	26.9	5.9
6/21/2006	12:30	9.2	283.8	32.8	27	9.1
6/21/2006	12:31	8.4	305.8	32.7	27	15.2
6/21/2006	12:32	7.7	304.9	32.6	27.2	8.4
6/21/2006	12:33	7.8	303.4	32.7	28.7	13.7
6/21/2006	12:34	9.1	301.7	32.8	27.2	8.2
6/21/2006	12:35	6.5	298.7	32.7	26	16.4
6/21/2006	12:36	7.9	292.9	32.7	26.4	11
6/21/2006	12:37	7.4	296.9	32.7	25.9	12.7
6/21/2006	12:38	9	302.7	32.7	26.7	11
6/21/2006	12:39	6	309.6	32.7	27.2	10.3
6/21/2006	12:40	7	326.1	32.8	26.6	13.4
6/21/2006	12:41	5.3	329.8	32.7	25.4	12.5
6/21/2006	12:42	7.5	293	33	26.9	16.4
6/21/2006	12:43	7.9	300.2	33	25.9	10.5
6/21/2006	12:44	5.7	276	33	26.6	20.9
6/21/2006	12:45	6.1	287.3	33	26	24.2
6/21/2006	12:46	7.8	275.3	33.4	25	8.9
6/21/2006	12:47	11.1	286.9	33.3	25	10.2
6/21/2006	12:48	10.9	296.2	33	25.9	10.9
6/21/2006	12:49	10.3	302	32.9	25.7	7.5

6/21/2006	12:50	10	293	33	26.2	9.2
6/21/2006	12:51	7.7	321.1	33.1	27.2	13
6/21/2006	12:52	12.1	314.9	33	25.1	9.3
6/21/2006	12:53	7.9	310.2	32.9	24.7	12.8
6/21/2006	12:54	4.8	308.8	32.9	25.6	14.9
6/21/2006	12:55	8.2	293.4	33	26.1	12.1
6/21/2006	12:56	7.8	311.7	33	26.1	11.7
6/21/2006	12:57	6.7	307.2	33.3	26.2	14.2
6/21/2006	12:58	6.1	316.5	33.4	26.3	10.9
6/21/2006	12:59	7.7	296	33.3	25.8	14
6/21/2006	13:00	6.8	303.3	33.1	25.1	16.8

**APPLICATION
WIND ROSE
KERN ISLAND IRRIGATION CANAL
JUNE 22, 2006 07:38 TO 16:06 HRS. PST (1 MINUTE AVERAGES)**



Calms included at center.
Rings drawn at 10% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)						
LOWER BOUND OF CATEGORY						
DIR	0.1	3.5	6.9	11.5	18.4	24.2
N	0.00	0.79	0.20	0.00	0.00	0.00
NNE	0.00	0.00	0.00	0.00	0.00	0.00
NE	0.00	0.00	0.00	0.00	0.00	0.00
ENE	0.00	0.00	0.00	0.00	0.00	0.00
E	0.20	0.00	0.00	0.00	0.00	0.00
ESE	0.59	0.00	0.00	0.00	0.00	0.00
SE	1.57	1.96	0.00	0.00	0.00	0.00
SSE	1.57	6.88	0.20	0.00	0.00	0.00
TOTAL OBS = 509 MISSING OBS = 0						

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)						
LOWER BOUND OF CATEGORY						
DIR	0.1	3.5	6.9	11.5	18.4	24.2
S	1.77	5.89	0.00	0.00	0.00	0.00
SSW	1.38	2.16	0.00	0.00	0.00	0.00
SW	1.57	2.55	0.00	0.00	0.00	0.00
WSW	0.79	3.54	0.59	0.00	0.00	0.00
W	0.39	8.64	10.41	0.20	0.00	0.00
WNW	0.39	9.63	18.07	0.00	0.00	0.00
NW	0.98	7.66	4.91	0.20	0.00	0.00
NNW	0.39	3.73	0.20	0.00	0.00	0.00
CALM OBS = 0 PERCENT CALM = 0.00						

Export Printing	Filename Date	:	for :	station 6/29/2006	:	Kern	Island
			WS (MPH)	WD (Deg)	AT (Deg C)	RH (%)	Sigma (Deg)
	6/22/2006	7:38	4.6	164.6	29.4	32.9	4.9
	6/22/2006	7:39	2.9	151.1	29.4	33.4	9.4
	6/22/2006	7:40	2.8	149.9	29.5	33.4	14.7
	6/22/2006	7:41	3.9	181.1	29.5	33.6	13.1
	6/22/2006	7:42	3.6	193.1	29.5	33.8	12
	6/22/2006	7:43	3.1	166.1	29.5	33.3	7.2
	6/22/2006	7:44	4.2	159.6	29.6	33.7	13.9
	6/22/2006	7:45	4.1	159.3	29.7	33.6	6.9
	6/22/2006	7:46	5.5	178.6	29.7	33.2	5.1
	6/22/2006	7:47	4.2	183.6	29.5	33.1	12.2
	6/22/2006	7:48	4.9	174.3	29.5	33.6	11
	6/22/2006	7:49	3.3	160.6	29.5	33.4	6.8
	6/22/2006	7:50	2.5	149.3	29.6	33.6	10.4
	6/22/2006	7:51	3.7	175.7	29.7	33.4	8.3
	6/22/2006	7:52	4.4	185.1	29.7	33.3	8.3
	6/22/2006	7:53	3.6	181.6	29.8	33	8.6
	6/22/2006	7:54	4.5	174.5	29.9	33.4	17.1
	6/22/2006	7:55	4.8	170.6	30.4	32.6	1.7
	6/22/2006	7:56	5	159.1	30.2	30.9	10.9
	6/22/2006	7:57	5	159.5	30.2	30.4	13.8
	6/22/2006	7:58	5.8	167.2	30.2	31.1	8.2
	6/22/2006	7:59	5.8	161.2	30.2	32	9
	6/22/2006	8:00	5.1	152.4	30.1	31	5.6
	6/22/2006	8:01	3.9	149	30.1	30.5	7.9
	6/22/2006	8:02	4.6	167.5	30.2	31.1	10.3
	6/22/2006	8:03	4.6	185.1	30.1	30.2	6.6
	6/22/2006	8:04	4.4	172.9	30.2	30.6	11.6
	6/22/2006	8:05	4.4	177.5	30.2	31.3	9.6
	6/22/2006	8:06	4.1	182.8	30.1	31.6	14
	6/22/2006	8:07	5	142.6	30.3	31.7	14.4
	6/22/2006	8:08	4.2	144.7	30.4	31.9	14.2
	6/22/2006	8:09	3.3	139.1	30.5	31.9	20.5
	6/22/2006	8:10	4.5	132.3	30.6	31	15.8
	6/22/2006	8:11	4.6	157.1	30.7	29.3	10.8
	6/22/2006	8:12	6.6	158.4	30.6	29.3	9.1
	6/22/2006	8:13	4.8	149.8	30.5	30	9.4
	6/22/2006	8:14	4	173.1	30.5	29.3	14
	6/22/2006	8:15	4.5	152.7	30.5	29.3	12.9
	6/22/2006	8:16	3.4	140.3	30.5	29.1	5.4
	6/22/2006	8:17	4.5	169.9	30.6	28.8	21.5
	6/22/2006	8:18	6	168.7	30.6	28.7	10.7
	6/22/2006	8:19	5.1	163.8	30.6	28.4	6.4
	6/22/2006	8:20	5.5	165.8	30.7	28.2	10.5
	6/22/2006	8:21	5.1	168	30.8	27.6	9
	6/22/2006	8:22	7.3	157.1	30.9	28.2	5.5
	6/22/2006	8:23	6.7	154.3	30.8	28.6	4
	6/22/2006	8:24	5.1	156.6	30.7	28.2	10.5
	6/22/2006	8:25	4.3	145.8	30.8	27.8	15.6

6/22/2006	8:26	3.7	145.7	30.9	28.5	12.7
6/22/2006	8:27	3.1	129.6	31.1	28.8	12.8
6/22/2006	8:28	3.8	171	31.1	28.4	35.8
6/22/2006	8:29	4.1	191.8	31.3	28	19.3
6/22/2006	8:30	6.4	168.7	31.3	27.3	17.5
6/22/2006	8:31	6.5	151.8	31.2	25.9	5
6/22/2006	8:32	5.8	160.4	31.2	25.8	8
6/22/2006	8:33	6.4	148.3	31.2	26.6	5.8
6/22/2006	8:34	4.2	145.5	31.2	27.1	9.5
6/22/2006	8:35	2.6	159	31.2	26.4	27.7
6/22/2006	8:36	3.2	190.5	31.4	25.8	12.6
6/22/2006	8:37	4.2	208.1	31.4	26.2	15.7
6/22/2006	8:38	3.8	183.2	31.3	25.8	24.2
6/22/2006	8:39	3.5	141.9	31.4	25	23.1
6/22/2006	8:40	4	175.4	31.6	25.5	17.5
6/22/2006	8:41	5.3	182.7	31.3	25.9	5.3
6/22/2006	8:42	4.6	182.3	31.4	26.3	6.8
6/22/2006	8:43	3.7	204.7	31.3	26.1	17.8
6/22/2006	8:44	2.8	199.4	31.5	26.2	26
6/22/2006	8:45	4.1	174.7	31.5	25.1	15.3
6/22/2006	8:46	3.7	199.4	31.4	25.4	18.5
6/22/2006	8:47	6.1	147.3	31.6	25.6	7.6
6/22/2006	8:48	5.6	146.7	31.6	24.9	8.1
6/22/2006	8:49	5.8	151.7	31.6	24.2	6.4
6/22/2006	8:50	3.9	167.3	31.6	24.4	12.9
6/22/2006	8:51	3.6	135.5	31.5	24.6	7.3
6/22/2006	8:52	2.5	133.9	31.5	24.4	10
6/22/2006	8:53	1.6	107.9	31.5	24.1	17.7
6/22/2006	8:54	2.4	135.7	31.5	24.5	31
6/22/2006	8:55	4.3	173.7	31.7	24.5	16.9
6/22/2006	8:56	3.4	181.8	31.8	24.7	10.5
6/22/2006	8:57	6	154.6	31.8	24.8	7.3
6/22/2006	8:58	5.3	133.8	31.7	24.8	7.9
6/22/2006	8:59	3.6	150.1	31.6	25	22.2
6/22/2006	9:00	3.7	179.2	31.7	25.1	14.1
6/22/2006	9:01	3.9	159.5	32.1	25.1	17
6/22/2006	9:02	3.5	171.5	32.1	24.8	18.8
6/22/2006	9:03	4	214.3	32	24.8	16.7
6/22/2006	9:04	3.1	223.5	31.9	24.8	36.8
6/22/2006	9:05	3.6	180.4	32.2	25.1	14.8
6/22/2006	9:06	4	195.1	32.2	25.7	44.4
6/22/2006	9:07	4.8	244.8	32.1	25.6	5.8
6/22/2006	9:08	2.6	246.2	31.9	25.9	22.7
6/22/2006	9:09	2.7	199.1	32.2	26.8	28.9
6/22/2006	9:10	2.6	181.1	32.3	26	40.4
6/22/2006	9:11	2.7	141.2	32.3	25.8	15.1
6/22/2006	9:12	3	124.6	32.2	25.6	19.5
6/22/2006	9:13	1.8	107.9	32.2	25.6	36
6/22/2006	9:14	2.7	98.3	32.3	25.9	30.3
6/22/2006	9:15	4.2	174	32.4	25.6	12.3
6/22/2006	9:16	4.7	133.4	32.3	25.6	6.8
6/22/2006	9:17	2.6	115.6	32.3	25.7	14.2
6/22/2006	9:18	2.3	146.4	32.5	25.5	28.5
6/22/2006	9:19	2.9	186.7	32.4	25.1	13.1
6/22/2006	9:20	4.7	216.7	32.6	24.9	13

6/22/2006	9:21	4.5	221	32.7	24.5	12
6/22/2006	9:22	4.3	234.5	32.6	23.9	9.1
6/22/2006	9:23	3.9	179.9	32.8	24.1	19
6/22/2006	9:24	4.7	188.6	33	23.4	19.7
6/22/2006	9:25	6.5	220.3	33	23.1	14.5
6/22/2006	9:26	6.4	218.8	32.8	22.6	9.3
6/22/2006	9:27	5.3	226.8	32.7	22.8	9.8
6/22/2006	9:28	3.2	225.2	32.5	22.7	11.3
6/22/2006	9:29	4.1	239.1	32.5	23.3	15.1
6/22/2006	9:30	3.5	254.9	32.5	23.7	11.7
6/22/2006	9:31	2.5	226.1	32.5	23.3	28.7
6/22/2006	9:32	1.5	222.6	32.6	23.1	20.9
6/22/2006	9:33	1.1	185	32.6	23.3	29.3
6/22/2006	9:34	3.7	192.7	32.9	23.4	18.8
6/22/2006	9:35	4.3	214.9	32.9	23.5	25.2
6/22/2006	9:36	3.9	227.1	33	23.7	14
6/22/2006	9:37	3.8	246.8	33	23.4	22.5
6/22/2006	9:38	5.8	265.9	32.8	23.1	8.8
6/22/2006	9:39	4.5	242.6	33	23.8	23.8
6/22/2006	9:40	4.5	265.4	32.9	23.6	16.5
6/22/2006	9:41	3.9	261.4	32.8	23	23.5
6/22/2006	9:42	5.2	281.3	32.8	23.1	10
6/22/2006	9:43	4.5	330	32.7	22.8	20.6
6/22/2006	9:44	3.5	305.6	32.8	23.3	26.2
6/22/2006	9:45	4.3	252.6	32.8	23.3	21.4
6/22/2006	9:46	5.5	220.4	32.9	23.6	13.7
6/22/2006	9:47	3.3	263.6	32.9	22.9	27
6/22/2006	9:48	3.1	235	33	22.9	49
6/22/2006	9:49	2.6	226.8	32.9	22.9	14.8
6/22/2006	9:50	2.3	225.6	33.1	23	31.5
6/22/2006	9:51	3.4	202.6	33.1	22.8	18.2
6/22/2006	9:52	3.2	218.4	33.4	23.3	22.5
6/22/2006	9:53	3.9	229.7	33.4	22.6	22.8
6/22/2006	9:54	5.8	209.7	33.3	22.2	10
6/22/2006	9:55	4.5	203.4	33.4	22.5	12.3
6/22/2006	9:56	2.9	186.1	33.2	22.4	17.6
6/22/2006	9:57	5.6	261.5	33.2	22.3	14.2
6/22/2006	9:58	4.7	267.4	33.3	23.7	15.3
6/22/2006	9:59	4.1	244	33.4	23.6	12.1
6/22/2006	10:00	5	272.8	33.5	24.7	13.6
6/22/2006	10:01	6.5	282	33.4	23.3	9.5
6/22/2006	10:02	3.9	278.1	33.2	23.3	16.1
6/22/2006	10:03	4	257.3	33.3	23.9	18.2
6/22/2006	10:04	5.6	265.8	33.3	23.9	13.7
6/22/2006	10:05	3.9	297.5	33.3	24	14
6/22/2006	10:06	5	297.9	33.3	23.7	10.2
6/22/2006	10:07	3.2	296.4	33.3	23	10.9
6/22/2006	10:08	1.8	312	33.4	23.5	20.5
6/22/2006	10:09	5.3	286.8	33.4	23.9	14.4
6/22/2006	10:10	4.6	334	33.3	23	9.2
6/22/2006	10:11	6	322.2	33.3	23.4	8.3
6/22/2006	10:12	4.2	332	33.4	23.5	11.2
6/22/2006	10:13	2.3	330.6	33.4	23.1	21.8
6/22/2006	10:14	2	252.8	33.5	23.3	24.4
6/22/2006	10:15	4	211.8	33.5	23.1	18.7

6/22/2006	10:16	2.6	172.2	33.5	22.8	11.2
6/22/2006	10:17	3.4	212.8	33.6	23.6	43.1
6/22/2006	10:18	3.6	234.2	33.9	24.2	28.7
6/22/2006	10:19	5.5	200.3	33.9	23.3	14.1
6/22/2006	10:20	4.4	181.2	33.7	23.1	16
6/22/2006	10:21	3.4	169.6	34	23.3	18.5
6/22/2006	10:22	3.3	166.8	34	23.7	18.5
6/22/2006	10:23	3.9	161.3	33.8	23.6	20.9
6/22/2006	10:24	4.1	129.3	33.7	24	13.3
6/22/2006	10:25	4.3	158.6	33.9	23.3	8.6
6/22/2006	10:26	5.7	159.8	33.9	22.8	9
6/22/2006	10:27	5	153.7	34	22.8	18.1
6/22/2006	10:28	4.9	176.7	33.9	22.1	18.1
6/22/2006	10:29	2.4	194.9	34	22	17.1
6/22/2006	10:30	1.7	195.3	34.3	22	58.6
6/22/2006	10:31	5.2	282.9	34.3	22.5	27.5
6/22/2006	10:32	6.6	260.1	34.4	22.6	18.3
6/22/2006	10:33	5.1	256.4	34.2	21.7	10.3
6/22/2006	10:34	5.1	251.1	34	21.4	10.5
6/22/2006	10:35	3.8	297.8	33.9	21.2	24.4
6/22/2006	10:36	4.6	319	33.9	21.1	16.2
6/22/2006	10:37	5.2	316.4	33.9	22.1	16.9
6/22/2006	10:38	4.9	281.3	34	21.9	15
6/22/2006	10:39	4.5	268.1	33.9	21	10.6
6/22/2006	10:40	2.9	277.7	34.1	22	14.2
6/22/2006	10:41	4.5	252.5	34.2	22	11.1
6/22/2006	10:42	4.3	250.8	34.2	21.6	9.8
6/22/2006	10:43	6.4	287	34.3	22.1	12.9
6/22/2006	10:44	6.2	274.2	34.2	21.7	13.5
6/22/2006	10:45	4.2	275.6	34.2	21.7	15.9
6/22/2006	10:46	5.4	324.7	34.1	21.4	16
6/22/2006	10:47	5.2	333.5	34.2	20.8	8.5
6/22/2006	10:48	4	330.1	34.2	21.7	29.5
6/22/2006	10:49	5.6	317.7	34.2	24.1	10.2
6/22/2006	10:50	5.3	296.8	34	22.3	17.1
6/22/2006	10:51	6.9	290	34	24.2	10.8
6/22/2006	10:52	8.9	280.7	34	22.9	9
6/22/2006	10:53	6.1	298.6	33.9	22.8	9.4
6/22/2006	10:54	7	303	33.9	22.4	8.3
6/22/2006	10:55	4.9	322.7	33.9	22.9	10.8
6/22/2006	10:56	7.6	320.4	33.9	23.1	7.1
6/22/2006	10:57	6.7	322.7	33.9	24	10.2
6/22/2006	10:58	6.5	294.8	33.9	23.7	6.9
6/22/2006	10:59	5.3	310.2	33.7	22.3	13
6/22/2006	11:00	4.7	346.8	33.7	22	13.4
6/22/2006	11:01	4.9	334.6	33.8	22	11.1
6/22/2006	11:02	6.3	317.4	33.9	24	16.5
6/22/2006	11:03	6.4	312.8	34	23.9	10.9
6/22/2006	11:04	6.6	335.4	34	23.8	16.6
6/22/2006	11:05	6.7	327.6	34	24	12.6
6/22/2006	11:06	6.6	301.3	33.8	23.7	17.2
6/22/2006	11:07	6.6	289.4	33.7	22.2	12.2
6/22/2006	11:08	5	279.8	33.8	22.4	12.3
6/22/2006	11:09	7.3	280.2	33.9	22.5	9
6/22/2006	11:10	6.1	279.4	33.9	23.1	11.8

6/22/2006	11:11	5.9	253.7	33.9	22.6	16.5
6/22/2006	11:12	4.5	268.4	33.9	22.9	29.9
6/22/2006	11:13	7	275.2	34	22.2	7.4
6/22/2006	11:14	7.9	282.7	34.1	22.6	8.1
6/22/2006	11:15	6.3	279.9	33.9	22.5	9.9
6/22/2006	11:16	2.4	307.9	33.9	21.5	61.5
6/22/2006	11:17	3.5	249.3	34	22.3	40.7
6/22/2006	11:18	5.5	276.2	34.2	22.9	28.9
6/22/2006	11:19	5.9	313.9	34.1	23	11.7
6/22/2006	11:20	6.3	318.3	34	23.9	5.7
6/22/2006	11:21	7.2	301.6	33.9	22.2	6.7
6/22/2006	11:22	5.4	326.9	33.9	22	7
6/22/2006	11:23	7.3	306.4	34	23.8	9.6
6/22/2006	11:24	5.5	305	33.9	22.2	13.5
6/22/2006	11:25	9.2	324.7	33.9	23.4	8.5
6/22/2006	11:26	6.3	339.2	33.9	22.7	10.8
6/22/2006	11:27	6.9	345.9	34	23.3	16.8
6/22/2006	11:28	7.9	352.5	34.3	22.9	8.8
6/22/2006	11:29	8	335.7	34.1	22.2	10.2
6/22/2006	11:30	5.8	328.3	34.1	23.7	13.3
6/22/2006	11:31	6.1	296.5	34.2	23.7	21.3
6/22/2006	11:32	7.9	297.7	34.1	22.9	8.3
6/22/2006	11:33	7.1	320.8	34	23.4	11.9
6/22/2006	11:34	6.3	324.7	33.9	23.9	9.6
6/22/2006	11:35	3.6	356.7	33.9	22.5	18.4
6/22/2006	11:36	5	308.7	34.1	23.9	20.1
6/22/2006	11:37	5	281.6	34.4	24.5	15
6/22/2006	11:38	6.1	297.1	34.5	24.5	16.2
6/22/2006	11:39	6	294.9	34.6	24	23.9
6/22/2006	11:40	8.2	298.6	34.5	24.1	11.3
6/22/2006	11:41	6.8	315.7	34.5	25.3	13.4
6/22/2006	11:42	8.4	324.1	34.3	23.9	10.3
6/22/2006	11:43	6.1	318.7	34.3	25.3	10.8
6/22/2006	11:44	5.5	295.2	34.3	27.9	14.6
6/22/2006	11:45	5.6	310.7	34.2	25.1	6.4
6/22/2006	11:46	4.6	316.3	34.3	23.2	16.9
6/22/2006	11:47	2.9	310.8	34.3	23.2	34.7
6/22/2006	11:48	5.1	292.4	34.4	23.3	18
6/22/2006	11:49	5.2	290	34.6	23.9	23.6
6/22/2006	11:50	5.4	289.2	34.6	23.7	18.8
6/22/2006	11:51	6.8	303.9	34.5	22.7	10.3
6/22/2006	11:52	5.1	309	34.3	22.3	10.4
6/22/2006	11:53	4.8	312.5	34.2	22	9.3
6/22/2006	11:54	3.4	345.4	34.3	21.8	22.6
6/22/2006	11:55	6.4	320.5	34.5	22.6	11.8
6/22/2006	11:56	5.1	315.8	34.5	22.3	14.1
6/22/2006	11:57	4.8	274.1	34.6	23.5	15.1
6/22/2006	11:58	4.6	295	34.5	22.5	15.9
6/22/2006	11:59	5.4	260	34.8	23	34.8
6/22/2006	12:00	7.5	279.4	34.9	23.4	21.4
6/22/2006	12:01	7.9	312.3	34.8	25.4	14
6/22/2006	12:02	6	351.4	34.9	22.4	14.1
6/22/2006	12:03	4.3	316.1	34.8	22.8	24.1
6/22/2006	12:04	4.3	300.9	34.8	24	15.8
6/22/2006	12:05	6.2	286.3	35.1	23.7	11.2

6/22/2006	12:06	4.8	280.7	34.9	21.9	17.1
6/22/2006	12:07	5	319.7	35.1	22.8	13.1
6/22/2006	12:08	5.6	323.9	34.9	23.4	15.8
6/22/2006	12:09	5.1	347.3	35	22	17.2
6/22/2006	12:10	4.6	354.7	35.3	21.4	15.7
6/22/2006	12:11	4.1	337.9	35.5	21.2	26.2
6/22/2006	12:12	5.6	305.2	35.3	23.1	14.6
6/22/2006	12:13	8.1	305.4	35.2	22.8	13.5
6/22/2006	12:14	4.4	291.7	34.9	22	15.8
6/22/2006	12:15	4.1	315	34.9	22.8	10.3
6/22/2006	12:16	6.3	290.7	34.9	23.4	14.8
6/22/2006	12:17	8.4	307.1	35	23.1	9.7
6/22/2006	12:18	5.8	289.7	35	23.3	10.8
6/22/2006	12:19	5.2	279.7	34.9	22.3	18.1
6/22/2006	12:20	4	262.2	34.8	21.9	24.7
6/22/2006	12:21	7.6	297.5	35	24.5	14.2
6/22/2006	12:22	7.6	307	34.9	22.6	10.3
6/22/2006	12:23	7	295.6	34.9	22.5	11
6/22/2006	12:24	3.7	277.7	34.9	23.1	13.4
6/22/2006	12:25	5.6	255.8	35	22.3	13.3
6/22/2006	12:26	4.2	228.5	35	21.9	11.7
6/22/2006	12:27	4.4	187.9	35.2	21.1	15.8
6/22/2006	12:28	3.4	205.7	35.4	20.7	23.2
6/22/2006	12:29	8.2	279.4	35.5	23.3	36.9
6/22/2006	12:30	7.4	321.2	35.3	23.1	14.1
6/22/2006	12:31	7.5	311.1	35.3	23.5	8
6/22/2006	12:32	6.7	301.6	35.1	21.1	14.1
6/22/2006	12:33	4.5	294.3	35.1	20.9	15.5
6/22/2006	12:34	3.1	287.7	35.2	21.4	23.2
6/22/2006	12:35	4	260.8	35.7	21.4	84
6/22/2006	12:36	5.9	318.8	35.5	21.2	15.9
6/22/2006	12:37	7.5	288.9	35.5	23.1	11.2
6/22/2006	12:38	6.7	310.4	35.3	21.6	6.3
6/22/2006	12:39	6.6	310.8	35.3	21.4	7.6
6/22/2006	12:40	4.5	334.6	35.4	21.6	10.7
6/22/2006	12:41	5.1	8.7	35.8	20.4	15.6
6/22/2006	12:42	3.8	334.9	35.7	21.2	20.9
6/22/2006	12:43	6.8	312.6	35.5	21.7	10
6/22/2006	12:44	5	328.5	35.4	21.2	16.1
6/22/2006	12:45	8.1	315.3	35.4	21.7	9.9
6/22/2006	12:46	6.5	304.2	35.3	21.5	9.4
6/22/2006	12:47	5.3	299.7	35.3	23.4	10.8
6/22/2006	12:48	4.5	337.1	35.4	21.2	24.2
6/22/2006	12:49	4.5	273.4	35.6	23.3	16.8
6/22/2006	12:50	6.9	269	35.6	21.2	11.1
6/22/2006	12:51	8	287.4	35.7	21.5	19.4
6/22/2006	12:52	7.9	256.6	35.7	21.5	8
6/22/2006	12:53	7	267.5	35.7	21.5	13.2
6/22/2006	12:54	6.2	279.8	35.9	21.3	21.9
6/22/2006	12:55	8.9	297.3	35.7	21.7	9
6/22/2006	12:56	8.2	299.4	35.6	21.3	9.4
6/22/2006	12:57	7	307.4	35.5	21.4	13
6/22/2006	12:58	5.9	285.2	35.5	21.2	8.8
6/22/2006	12:59	5.6	284.9	35.5	21.9	12.2
6/22/2006	13:00	4.7	273	35.4	20.8	5.8

6/22/2006	13:01	4.1	284.7	35.7	22.2	23.5
6/22/2006	13:02	5.1	299.9	35.7	21.8	13.4
6/22/2006	13:03	8.9	295.4	35.7	22.5	25.4
6/22/2006	13:04	8.6	295.6	35.6	21.4	7
6/22/2006	13:05	6.7	294	35.5	20.8	7.2
6/22/2006	13:06	6.6	282.8	35.7	22.7	12.9
6/22/2006	13:07	7.3	275	35.8	21.6	12.7
6/22/2006	13:08	6.5	262.8	35.7	20.8	10.8
6/22/2006	13:09	4.2	294.8	35.7	21.3	19.8
6/22/2006	13:10	3.4	309.4	35.7	21.3	8.8
6/22/2006	13:11	5.3	309.1	35.8	21.8	14.8
6/22/2006	13:12	4.8	317.9	35.8	21.1	14
6/22/2006	13:13	5.6	295.1	36	22	19.2
6/22/2006	13:14	6.6	267.9	36	21.4	9.1
6/22/2006	13:15	4.4	239.6	35.8	20.2	13
6/22/2006	13:16	7.3	288	36	23.2	16.4
6/22/2006	13:17	9	288.3	36.1	22	10.2
6/22/2006	13:18	5.6	302.1	36	21.4	13.8
6/22/2006	13:19	5.8	308.2	36	21.9	15.7
6/22/2006	13:20	4.7	277.7	36.1	22.1	16.7
6/22/2006	13:21	6.5	249.8	36	20.3	12.6
6/22/2006	13:22	4.8	279.7	36	21.2	23.5
6/22/2006	13:23	6	290.6	36.1	21.6	12.8
6/22/2006	13:24	7.5	301.9	36.1	21.5	11.4
6/22/2006	13:25	7.6	278.3	36.2	21.9	17.7
6/22/2006	13:26	8.1	315.8	36.1	21.9	10.8
6/22/2006	13:27	8.1	315.1	36	21.9	8.6
6/22/2006	13:28	7.2	310	36.2	22.3	11.9
6/22/2006	13:29	7.4	297.5	36.4	21.9	15.1
6/22/2006	13:30	7.3	301.1	36.4	22.8	9.9
6/22/2006	13:31	6.7	309.8	36.3	20.8	8.9
6/22/2006	13:32	5.8	279.3	36.2	21.7	23.1
6/22/2006	13:33	4.4	267.3	36.3	21.7	15.5
6/22/2006	13:34	6.2	255.2	36.6	21.9	17.4
6/22/2006	13:35	8.1	265.4	36.6	21.2	10.9
6/22/2006	13:36	7.6	255.8	36.7	21.4	15.2
6/22/2006	13:37	7.3	257.6	36.7	20.9	16.2
6/22/2006	13:38	8.6	267.8	36.5	21	13.2
6/22/2006	13:39	8.1	262.8	36.4	20.3	10.6
6/22/2006	13:40	6.4	249.7	36.4	21.5	13.4
6/22/2006	13:41	6.4	273.7	36.4	20.9	19.1
6/22/2006	13:42	8.2	290.5	36.5	22.1	15.6
6/22/2006	13:43	9.3	266.8	36.6	21.4	12.2
6/22/2006	13:44	6.6	261.7	36.6	21.6	17.5
6/22/2006	13:45	9.1	263.5	36.7	21.1	11.9
6/22/2006	13:46	7.6	276.8	36.7	21.4	12.9
6/22/2006	13:47	8.2	286.5	36.7	21.5	9.1
6/22/2006	13:48	8.8	280.7	36.6	21.2	11.4
6/22/2006	13:49	9.2	277.3	36.6	21.2	9.8
6/22/2006	13:50	9.7	268.2	36.6	21	10
6/22/2006	13:51	6.5	273	36.6	22	18.6
6/22/2006	13:52	8.4	287.5	36.7	23	13.9
6/22/2006	13:53	11.6	275.3	36.7	20.8	9.6
6/22/2006	13:54	9.1	275.9	36.6	21.3	9.8
6/22/2006	13:55	7.8	266	36.4	21.1	11.3

6/22/2006	13:56	7.3	277	36.5	21.8	12.5
6/22/2006	13:57	8.1	284.1	36.5	21.6	9.1
6/22/2006	13:58	7.1	296.8	36.6	22	16.9
6/22/2006	13:59	5.6	305.4	36.6	23.9	13.1
6/22/2006	14:00	7.5	312.7	36.6	23.3	13
6/22/2006	14:01	10.2	289.2	36.6	22.2	9.3
6/22/2006	14:02	7.8	271.9	36.6	21.4	12.8
6/22/2006	14:03	6	269.4	36.5	21.6	14.8
6/22/2006	14:04	6.3	251.5	36.6	21.8	11.4
6/22/2006	14:05	7.5	281.4	36.8	22.4	16.3
6/22/2006	14:06	6.5	275.4	37.1	22.6	17.1
6/22/2006	14:07	9.7	285.6	37	21.4	9.1
6/22/2006	14:08	9.1	301	36.9	21.3	12.7
6/22/2006	14:09	6.9	297.8	36.9	23.6	13.9
6/22/2006	14:10	8.1	277.6	36.9	21.4	13
6/22/2006	14:11	7.2	290.5	37	21.5	20
6/22/2006	14:12	7.9	268.3	36.9	21.7	23.8
6/22/2006	14:13	10.2	272.5	37	21.6	16.3
6/22/2006	14:14	9.5	295.9	37	21.4	10.2
6/22/2006	14:15	8	284.2	36.9	21.2	10.5
6/22/2006	14:16	6	260.1	36.9	21.1	10.5
6/22/2006	14:17	5.3	282.7	37.1	22.9	11.3
6/22/2006	14:18	6.4	272.3	37.3	22.5	15.8
6/22/2006	14:19	10	264.1	37.3	21.3	13.4
6/22/2006	14:20	9.6	288.6	37.3	21.6	11.5
6/22/2006	14:21	6.7	297.9	37.1	22.8	11.6
6/22/2006	14:22	4.8	287.7	37	21.9	11.8
6/22/2006	14:23	7.9	278.9	37.1	21.7	12.9
6/22/2006	14:24	7	290	37	21.4	12.1
6/22/2006	14:25	6.3	271.3	37.1	22.2	14.3
6/22/2006	14:26	9	287.2	37.1	20.4	12.8
6/22/2006	14:27	8.3	303.6	37.1	21.6	13.9
6/22/2006	14:28	7.4	308.5	37	21.1	10.8
6/22/2006	14:29	6.3	297.5	37.1	22.8	10.7
6/22/2006	14:30	6.8	275.8	37.2	23.2	12.9
6/22/2006	14:31	7	275.1	37.5	22.2	12.8
6/22/2006	14:32	8.7	283.7	37.5	22.2	18.3
6/22/2006	14:33	7.9	293.8	37.3	22.5	11.5
6/22/2006	14:34	9.6	303.8	37.4	22.1	8.7
6/22/2006	14:35	9.6	283.4	37.2	21	13.8
6/22/2006	14:36	8.4	275.3	37.2	21.3	11.7
6/22/2006	14:37	9.2	274.4	37.2	21.4	17.2
6/22/2006	14:38	8.1	283.4	37.2	22	14.8
6/22/2006	14:39	8.1	291.9	37.1	21.1	11.4
6/22/2006	14:40	9.6	292.3	37	21.1	10.8
6/22/2006	14:41	9	299.4	37	21.7	13.3
6/22/2006	14:42	10.5	304.1	36.9	22.3	7.1
6/22/2006	14:43	7.1	290.8	36.7	21.2	14.9
6/22/2006	14:44	8.2	264.6	36.9	21.4	13.4
6/22/2006	14:45	7	274	37	21.1	9.8
6/22/2006	14:46	8.5	287.4	37	21.3	10.3
6/22/2006	14:47	7.9	281.4	37.3	21.9	11.6
6/22/2006	14:48	9.9	287.9	37.2	20.9	12.7
6/22/2006	14:49	9.2	282.6	37.3	20.9	13.9
6/22/2006	14:50	11.4	286	37.4	20.8	9.5

6/22/2006	14:51	11.4	289.4	37.3	20.3	7.5
6/22/2006	14:52	9	278.3	37.2	20.7	12.1
6/22/2006	14:53	10.1	297.6	37.2	21	8
6/22/2006	14:54	9.6	298.2	37.1	20.8	11
6/22/2006	14:55	8.2	296.8	37.2	21.1	12.5
6/22/2006	14:56	10.6	284.3	37.2	21.9	13
6/22/2006	14:57	10.3	264.9	37.5	21.5	8.5
6/22/2006	14:58	9.6	283.7	37.5	22.2	13.1
6/22/2006	14:59	8.2	288.5	37.6	21.6	9.6
6/22/2006	15:00	8.9	294.3	37.6	21.5	12.9
6/22/2006	15:01	8.3	292	37.5	21.5	15.1
6/22/2006	15:02	9.6	273.3	37.6	21.2	17.1
6/22/2006	15:03	8	274.3	37.5	21.3	12
6/22/2006	15:04	10.9	286.6	37.6	21.7	11.4
6/22/2006	15:05	7.9	283.3	37.3	20.6	13.6
6/22/2006	15:06	8.5	273.2	37.4	21.1	13.4
6/22/2006	15:07	9.6	272.3	37.6	21.1	13.8
6/22/2006	15:08	7.4	286.8	37.7	21.9	17.1
6/22/2006	15:09	10.6	305.5	37.6	21.2	10.5
6/22/2006	15:10	8.8	284.6	37.6	21.2	13.3
6/22/2006	15:11	8.3	282	37.6	21.1	9.1
6/22/2006	15:12	6.6	275.8	37.7	21.5	15
6/22/2006	15:13	8.7	282.2	37.8	21.9	11.7
6/22/2006	15:14	10.4	261.4	37.8	20.7	8.5
6/22/2006	15:15	8.5	282.9	37.7	21.1	16.1
6/22/2006	15:16	7	289.2	37.7	22.6	13.6
6/22/2006	15:17	8.7	278.4	37.6	20.4	13.5
6/22/2006	15:18	8.1	285.7	37.6	21.3	12.8
6/22/2006	15:19	10	279.1	37.7	20.8	11.3
6/22/2006	15:20	10.4	276.7	37.7	20.6	12.3
6/22/2006	15:21	8.9	278.3	37.8	20.9	11.6
6/22/2006	15:22	8	304.7	37.8	21.1	16.1
6/22/2006	15:23	10	294.9	37.7	20.8	11.3
6/22/2006	15:24	9.7	295	37.6	21.2	9.8
6/22/2006	15:25	11	284.7	37.7	20.5	10.5
6/22/2006	15:26	10.7	289.2	37.7	20.6	14.6
6/22/2006	15:27	10.5	295	37.6	20.7	7.9
6/22/2006	15:28	9.7	293.6	37.5	21	9.9
6/22/2006	15:29	9.3	303.3	37.4	21.2	12.6
6/22/2006	15:30	6.9	297.8	37.3	21.1	21.2
6/22/2006	15:31	8.8	271.7	37.4	21.1	12.7
6/22/2006	15:32	8.7	259.7	37.5	20.9	13.8
6/22/2006	15:33	9.4	272.4	37.6	21	20.4
6/22/2006	15:34	9	290.3	37.7	21.1	7.6
6/22/2006	15:35	7.7	280.9	37.7	21.5	15.6
6/22/2006	15:36	12.5	306.3	37.6	20.8	6.5
6/22/2006	15:37	9.3	299.6	37.5	21.4	8.8
6/22/2006	15:38	8.7	301.4	37.5	22	14.2
6/22/2006	15:39	8	303.8	37.6	22.2	14.6
6/22/2006	15:40	6.8	297.9	37.6	22.4	11
6/22/2006	15:41	9.5	283.8	37.5	21	11.6
6/22/2006	15:42	9.8	293.2	37.5	21.2	10.4
6/22/2006	15:43	7.9	297.2	37.6	21.4	10.9
6/22/2006	15:44	9.6	293.1	37.5	21.6	9.4
6/22/2006	15:45	8.6	305.2	37.4	20.6	12.3

6/22/2006	15:46	9.5	277.7	37.5	20.8	9.1
6/22/2006	15:47	9.8	279.8	37.5	20.7	12.5
6/22/2006	15:48	8.8	275.3	37.5	21.1	13.3
6/22/2006	15:49	9	284.6	37.6	21	14
6/22/2006	15:50	10.9	302	37.5	20.6	10.6
6/22/2006	15:51	11.5	305.9	37.3	20.6	11.1
6/22/2006	15:52	11.2	303	37.2	21.1	11.7
6/22/2006	15:53	10	283.1	37.3	21.2	8.8
6/22/2006	15:54	10.2	301.1	37.3	21.1	8.8
6/22/2006	15:55	9.4	275.6	37.4	21.1	11.6
6/22/2006	15:56	9.9	282.7	37.4	20.8	9.5
6/22/2006	15:57	10.2	285.9	37.5	20.8	16.4
6/22/2006	15:58	10.3	276.9	37.6	20.9	14
6/22/2006	15:59	9.7	289.7	37.5	20.8	11.2
6/22/2006	16:00	9.6	299.9	37.5	21.2	9.6
6/22/2006	16:01	9.1	288.4	37.4	21.5	9.8
6/22/2006	16:02	10.8	291	37.3	21	9
6/22/2006	16:03	9.1	272.6	37.4	21	13.3
6/22/2006	16:04	8.5	280	37.5	21.2	11.4
6/22/2006	16:05	9.6	300.1	37.5	21.2	15.6
6/22/2006	16:06	9	295	37.4	21.5	15.7

APPENDIX F

CALIBRATION/CERTIFICATION REPORTS