

# Palm Desert Meteorological Data

January 2007

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 9

Site: Palm Desert (data subject to change)  
Month: January  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 05-08-2007  
Printout Time: 09:39:09  
Output File Name: PDTB0107.9

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	4.3	5.5	6.1	4.2	4.5	3.8	4.1	4.6	6.0	2.8	6.0	9.4	9.0	8.2	7.0	7.2	6.8	7.4	8.1	10.0	8.4	12.1	19.7	8.0	2.8	19.7	7.2
2	5.9	6.8	8.2	7.9	5.7	6.5	4.7	6.2	8.3	5.7	7.3	7.2	4.3	3.7	4.0	3.1	2.4	3.0	3.0	3.6	2.9	3.9	5.2	5.4	2.4	8.3	5.2
3	5.1	5.0	4.7	4.3	2.7	2.9	3.6	4.4	3.0	1.6	1.3	2.9	4.9	5.1	5.3	4.5	3.0	2.5	2.9	2.6	1.8	1.5	3.2	3.5	1.3	5.3	3.4
4	3.8	2.8	2.8	3.0	2.5	0.7	2.6	2.5	2.1	2.3	5.1	6.1	5.4	4.2	5.2	5.9	4.2	3.3	3.1	2.1	5.2	4.1	2.9	4.7	0.7	6.1	3.6
5	3.8	3.7	7.5	9.7	8.3	9.1	11.0	13.3	15.7	14.0	16.9	18.9	17.4	17.9	14.6	12.8	11.3	11.1	10.9	8.8	9.3	9.4	9.5	6.0	3.7	18.9	11.3
6	6.3	7.2	8.2	4.1	6.7	5.5	4.5	2.4	3.6	1.9	2.4	3.1	3.7	3.0	3.1	3.7	3.0	2.1	2.4	1.7	4.4	4.9	3.8	3.8	1.7	8.2	4.0
7	3.8	2.4	3.5	4.3	1.9	4.8	5.1	3.8	3.6	2.5	3.8	3.0	2.1	3.9	3.2	1.6	2.6	2.3	2.7	2.9	3.9	4.9	4.9	4.3	1.6	5.1	3.4
8	4.8	3.5	4.0	3.2	3.4	3.8	3.0	3.4	3.9	5.0	5.1	5.1	5.7	4.4	4.6	5.7	5.1	4.5	5.3	5.5	4.9	4.0	3.9	3.3	3.0	5.7	4.4
9	5.2	3.5	3.2	2.7	3.6	4.4	2.7	1.6	2.6	2.3	1.4	1.1	4.1	5.3	5.1	5.0	3.4	2.7	2.4	3.0	4.2	3.4	3.1	3.0	1.1	5.3	3.3
10	3.6	4.1	4.4	3.9	4.4	3.2	3.7	3.9	1.9	1.3	3.0	2.5	-940	-940	3.4	4.9	4.4	2.6	2.0	1.1	1.6	1.5	2.2	1.4	1.1	4.9	2.9
11	1.7	2.1	3.7	1.6	1.3	2.7	1.9	2.2	2.8	3.4	2.6	3.0	1.8	3.2	6.2	7.0	3.0	3.5	3.5	3.2	2.2	3.8	5.1	2.9	1.3	7.0	3.1
12	2.6	5.0	2.6	3.7	3.0	4.3	2.5	2.1	4.8	5.5	9.3	6.7	7.0	8.3	8.5	6.6	8.2	4.5	2.2	2.1	4.3	4.0	4.7	2.7	2.1	9.3	4.8
13	3.1	4.3	2.5	4.4	4.3	4.6	4.6	4.6	6.8	6.6	4.0	3.6	3.2	5.4	6.7	5.5	5.2	6.0	5.3	3.0	3.6	3.1	2.7	4.0	2.5	6.8	4.5
14	4.7	1.8	3.3	4.4	2.9	3.3	3.0	2.4	2.5	1.8	1.2	2.1	3.1	2.3	2.4	2.2	1.8	1.3	1.2	2.3	2.2	2.5	3.4	3.8	1.2	4.7	2.6
15	3.1	3.3	2.1	2.6	3.8	4.1	5.6	7.1	5.3	4.0	4.4	6.1	4.6	4.2	5.7	5.7	6.0	4.9	6.8	4.4	5.6	4.7	4.6	4.2	2.1	7.1	4.7
16	3.8	5.3	4.6	3.9	3.5	4.1	1.3	1.4	0.7	2.1	2.3	2.5	2.4	2.8	3.6	4.3	3.3	3.0	2.3	3.1	4.0	3.1	2.6	4.1	0.7	5.3	3.1
17	4.2	5.0	4.4	3.7	4.0	4.2	4.3	3.9	2.3	1.9	1.5	2.6	4.8	5.2	4.9	3.8	0.6	1.0	2.8	4.0	5.2	4.7	4.9	4.9	0.6	5.2	3.7
18	5.7	5.3	4.4	4.5	5.3	5.4	5.7	5.9	5.1	4.7	4.1	4.7	5.9	5.4	5.0	6.3	6.0	5.1	5.2	5.2	5.6	6.2	6.9	3.8	3.8	6.9	5.3
19	3.6	3.5	2.6	3.2	4.0	3.9	3.2	2.4	2.4	3.2	3.1	4.0	8.2	7.6	5.9	8.8	4.2	4.7	2.7	1.6	3.0	3.7	2.8	2.3	1.6	8.8	4.0
20	2.3	2.5	3.4	3.3	3.9	3.3	2.9	2.1	1.2	3.3	4.3	5.7	4.8	4.6	4.5	5.6	5.4	3.7	2.5	2.5	2.3	2.3	2.7	2.1	1.2	5.7	3.4
21	3.6	2.7	3.6	3.5	3.8	3.1	2.9	5.0	8.0	6.8	12.1	13.1	17.1	11.3	10.4	12.2	12.7	7.6	5.9	5.9	4.6	4.3	6.7	8.6	2.7	17.1	7.3
22	11.5	13.8	12.3	7.1	5.8	5.8	4.8	5.9	7.4	5.5	5.2	5.8	7.2	5.8	5.2	4.4	2.6	3.4	3.7	3.7	3.1	3.2	2.3	1.8	1.8	13.8	5.7
23	3.6	3.4	3.4	5.1	4.9	3.8	4.5	4.2	5.5	1.9	2.9	5.4	6.3	5.8	4.9	6.3	3.6	2.1	1.4	3.1	2.6	4.2	4.2	5.6	1.4	6.3	4.1
24	3.1	4.3	3.1	2.8	4.5	3.1	2.7	2.1	2.0	2.9	1.6	2.3	4.3	5.6	6.2	6.4	5.0	2.3	1.9	2.7	3.3	4.3	5.5	4.0	1.6	6.4	3.6
25	4.3	3.7	5.2	4.2	3.9	3.9	4.8	4.7	3.1	2.3	0.8	2.1	2.9	3.1	3.0	4.4	3.1	2.8	2.9	2.3	2.9	4.7	4.5	4.8	0.8	5.2	3.5
26	5.8	5.5	4.2	3.1	4.9	4.5	4.1	2.8	1.1	1.7	3.4	5.9	5.1	5.4	5.8	5.9	4.4	2.5	2.4	2.4	3.4	2.9	2.3	2.2	1.1	5.9	3.8
27	3.5	4.5	4.5	1.6	2.4	1.5	2.2	2.0	1.8	0.7	2.8	4.0	4.7	5.1	5.8	5.7	4.4	2.6	1.9	2.2	3.2	2.8	2.9	3.6	0.7	5.8	3.2
28	4.0	4.3	5.3	4.5	4.2	5.0	4.3	4.9	3.8	4.3	1.9	1.8	2.0	1.9	1.9	1.1	1.8	0.9	1.6	2.0	2.5	2.9	4.2	3.6	0.9	5.3	3.1
29	4.1	2.3	3.5	3.5	4.1	4.2	4.5	3.8	3.3	3.5	2.5	2.1	3.4	3.9	4.1	3.2	3.0	5.2	3.5	3.4	2.4	3.6	4.9	8.6	2.1	8.6	3.8
30	5.7	5.4	6.4	5.0	4.3	4.5	4.3	3.3	2.6	3.2	5.4	3.9	3.0	3.5	4.9	8.3	8.9	7.2	3.8	4.1	3.9	4.0	3.2	4.9	2.6	8.9	4.7
31	4.1	3.4	3.9	8.7	12.1	10.5	5.8	4.7	2.8	4.2	3.1	4.6	6.5	10.3	13.3	13.5	11.9	10.9	11.6	8.8	9.8	9.2	7.0	6.7	2.8	13.5	7.8
Min	1.7	1.8	2.1	1.6	1.3	0.7	1.3	1.4	0.7	0.7	0.8	1.1	1.8	1.9	1.9	1.1	0.6	0.9	1.2	1.1	1.6	1.5	2.2	1.4	0.6		
Max	11.5	13.8	12.3	9.7	12.1	10.5	11.0	13.3	15.7	14.0	16.9	18.9	17.4	17.9	14.6	13.5	12.7	11.1	11.6	10.0	9.8	12.1	19.7	8.6		19.7	
Avg	4.3	4.4	4.6	4.2	4.3	4.3	4.0	4.0	4.1	3.6	4.2	4.9	5.5	5.5	5.6	5.9	4.9	4.1	3.8	3.7	4.1	4.3	4.7	4.3			4.5

Total Data Records Possible: 744  
Total Valid Data Records: 742  
Percent Data Recovery: 99.7

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 930 Data Logger Malfunction
- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Unit Vector Wind Direction  
 Units: degrees  
 Channel: 10

Site: Palm Desert (data subject to change)  
 Month: January  
 Year: 2007  
 Time Zone: PST

Validation Level: B  
 Printout Date: 05-08-2007  
 Printout Time: 09:39:10  
 Output File Name: PDTB0107.10

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	286	299	280	326	265	277	262	269	301	34	359	351	359	349	1	330	318	332	346	349	335	339	359	336	[NNW]
2	278	278	308	341	284	259	293	307	334	319	329	346	286	303	323	248	245	312	278	333	272	280	294	271	[ W ]
3	311	278	283	289	292	263	275	278	287	267	137	109	118	113	120	115	130	103	70	19	273	259	297	281	[ W ]
4	284	286	278	273	305	99	4	69	88	78	119	112	124	136	125	127	113	120	135	69	329	306	189	178	[SE ]
5	84	269	350	323	327	298	316	329	326	320	346	354	348	343	342	337	341	320	317	307	318	293	322	290	[NW ]
6	298	311	326	286	293	307	334	234	324	248	159	84	76	117	153	144	147	74	71	27	316	282	303	284	[WNW]
7	310	72	76	348	243	328	278	311	196	134	312	210	197	168	165	231	179	131	275	300	291	268	269	264	[ W ]
8	330	304	309	281	315	316	306	307	272	268	270	266	277	267	263	319	301	278	274	271	274	273	310	319	[ W ]
9	316	288	303	290	302	327	284	283	295	272	254	153	119	120	114	120	121	117	344	330	288	276	266	272	[WNW]
10	289	285	281	293	288	290	288	272	325	83	138	93	-940	-940	111	114	99	76	39	242	49	313	256	335	[WNW]
11	283	286	289	291	256	314	268	288	269	190	151	147	71	101	308	257	214	76	106	122	278	292	359	27	[WNW]
12	150	171	177	117	265	326	1	103	201	263	360	359	355	330	333	335	321	317	325	264	319	279	283	287	[NW ]
13	252	269	312	275	267	277	284	290	285	284	275	256	275	270	15	24	358	1	355	293	331	332	265	318	[ W ]
14	280	87	290	264	279	275	292	282	268	253	150	107	105	138	95	139	120	127	38	299	299	265	284	272	[ W ]
15	315	293	263	294	294	298	305	302	313	348	347	324	275	340	325	326	333	298	321	292	300	299	309	285	[WNW]
16	295	311	305	309	278	282	70	23	190	261	245	271	230	212	213	225	243	269	256	289	293	318	265	295	[WNW]
17	278	304	266	278	288	287	281	280	266	240	17	102	122	130	118	130	55	35	272	278	298	288	260	284	[ W ]
18	271	285	279	275	279	283	274	275	291	318	300	347	295	51	341	22	360	340	320	304	274	299	285	177	[WNW]
19	126	188	303	351	275	21	141	114	98	102	281	123	119	100	106	145	107	84	59	16	289	277	224	41	[ESE]
20	262	285	304	293	269	271	327	261	34	103	111	113	116	125	124	120	107	114	86	56	346	291	267	261	[ESE]
21	318	292	275	263	284	254	297	334	320	311	7	10	359	354	1	351	340	330	290	273	283	313	299	300	[WNW]
22	321	351	346	292	282	308	1	22	1	342	1	18	15	1	355	329	339	316	277	262	279	282	332	176	[ N ]
23	273	323	345	277	255	289	290	278	272	294	108	135	122	120	113	127	111	56	339	346	270	283	291	267	[ W ]
24	291	280	288	281	285	305	115	5	301	280	221	186	121	119	125	120	122	101	10	339	280	270	315	275	[ W ]
25	294	306	280	293	302	286	281	280	293	300	263	180	154	149	130	107	112	134	83	356	303	281	279	283	[WNW]
26	296	249	285	305	271	281	282	291	281	109	116	118	121	128	126	124	116	101	19	270	296	293	293	319	[WNW]
27	313	315	320	206	70	89	20	285	325	289	144	136	117	119	129	124	110	106	63	6	291	290	271	282	[WNW]
28	274	264	265	284	274	272	273	270	270	273	315	263	194	211	211	159	88	85	197	237	335	315	280	287	[ W ]
29	283	288	292	280	291	290	277	302	292	256	254	196	151	163	138	125	118	131	114	38	298	312	284	307	[WNW]
30	311	297	319	296	287	280	280	303	216	184	131	128	117	125	334	322	321	320	328	318	327	319	309	323	[NW ]
31	306	257	280	313	323	329	317	278	279	240	264	256	334	322	325	326	325	320	321	307	313	320	314	308	[NW ]

Prev [WNW] [WNW] [ W ] [WNW] [WNW] [WNW] [WNW] [ W ] [WNW] [ W ] [ W ] [ESE] [ESE] [SE ] [SE ] [SE ] [ESE] [NW ] [NW ] [ W ] [WNW] [WNW] [WNW] [WNW] [WNW]

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Processed using: TABLE.EXE version 1.2

Validation Level: B  
Printout Date: 05-08-2007  
Printout Time: 09:39:10  
Output File Name: PDTB0107.10t

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Total Data Records Possibe:    744
Total Valid Data Records:      742
Percent Data Recovery:         99.7
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-910 No data collected - system not set up
-920 Instrument Malfunction
-930 Data Logger Malfunction
-940 Calibration
-950 Audit
-960 Maintenance
-970 Data invalid - Does not meet consistency or an obvious problem
-971 Local Interference
-980 Power failure
-990 Reserved for future descriptor
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Processed using: TABLE.EXE version 1.2

Variable: Sigma Theta (Yamartino)  
 Units: degrees  
 Channel: 11

Site: Palm Desert (data subject to change)  
 Month: January  
 Year: 2007  
 Time Zone: PST

Validation Level: B  
 Printout Date: 05-08-2007  
 Printout Time: 09:39:11  
 Output File Name: PDTB0107.11

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	16.4	23.0	23.2	37.2	17.8	25.7	21.3	34.8	20.7	36.8	46.9	23.4	24.6	23.3	26.6	28.9	23.7	23.3	19.2	20.0	23.0	18.2	19.1	40.7	16.4	46.9	25.7
2	31.4	21.7	22.2	22.5	37.3	14.8	21.6	22.0	19.3	22.9	22.1	24.1	28.1	35.0	25.7	16.0	19.7	13.7	14.2	20.4	45.7	20.8	20.5	14.7	13.7	45.7	23.2
3	24.1	13.9	14.7	15.3	28.1	11.0	13.9	9.7	15.9	21.5	38.4	26.6	18.1	17.9	16.1	16.1	13.4	14.9	17.2	36.4	53.1	9.4	16.1	13.7	9.4	53.1	19.8
4	12.3	34.3	30.6	29.9	28.7	48.7	24.6	21.9	22.4	22.8	17.2	18.0	18.6	20.7	18.0	14.9	18.8	24.3	57.5	46.1	24.8	29.4	42.6	13.4	12.3	57.5	26.7
5	44.1	66.7	21.5	18.7	21.6	22.2	18.8	18.5	18.0	19.7	20.5	20.7	20.5	19.3	19.5	20.8	22.0	21.3	19.9	19.3	21.5	22.0	17.9	20.3	17.9	66.7	23.1
6	18.4	17.1	21.0	35.5	18.5	31.4	50.2	53.3	44.4	36.9	57.1	24.3	25.0	35.8	26.3	18.1	12.2	16.7	13.4	12.9	17.2	10.5	43.4	26.3	10.5	57.1	27.7
7	57.9	65.3	48.6	44.8	62.6	39.9	23.3	31.5	33.6	49.0	40.0	69.2	58.4	35.1	39.3	66.8	40.7	32.6	35.9	42.2	13.8	16.2	12.2	13.9	12.2	69.2	40.5
8	15.2	17.6	28.1	37.5	32.0	27.0	53.5	35.6	14.8	14.9	18.5	18.7	18.4	19.6	17.5	18.8	19.9	12.7	13.9	13.3	12.6	12.5	13.8	23.6	12.5	53.5	21.2
9	14.9	12.8	15.4	22.8	20.8	18.5	26.6	17.8	14.3	13.6	21.4	52.3	15.9	17.4	16.8	14.8	22.3	17.5	21.8	13.6	12.1	10.6	10.6	8.8	8.8	52.3	18.1
10	11.3	12.4	11.2	10.3	11.7	18.7	10.0	37.8	37.0	42.4	16.5	23.7	-940	-940	17.5	15.6	16.9	16.5	21.6	30.3	21.2	42.3	14.6	32.1	10.0	42.4	21.4
11	17.7	20.3	9.0	36.9	21.8	48.3	50.2	21.0	20.2	19.7	22.8	41.9	52.5	40.9	38.8	34.4	26.5	35.8	18.4	49.3	61.0	67.8	46.9	61.9	9.0	67.8	36.0
12	42.1	38.2	53.0	39.2	27.2	54.7	53.4	47.2	18.1	26.3	23.2	29.0	34.7	20.3	21.8	27.3	17.8	18.1	39.4	24.2	15.5	13.9	14.3	24.1	13.9	54.7	30.1
13	21.1	14.6	31.5	13.9	13.6	16.1	16.9	21.3	15.7	18.0	30.5	38.7	59.5	34.8	25.7	25.8	21.5	23.4	25.4	28.8	42.8	58.1	26.1	27.7	13.6	59.5	27.2
14	15.3	58.0	20.4	10.6	13.4	17.9	9.5	7.8	12.1	27.8	46.3	52.5	30.4	52.8	39.8	39.9	13.6	13.0	29.6	29.8	40.9	34.5	14.5	13.4	7.8	58.0	26.8
15	35.3	43.2	36.0	48.6	16.5	18.5	20.7	18.5	24.5	32.0	31.4	24.3	33.2	31.8	27.3	23.7	19.9	17.7	16.4	18.9	21.5	19.7	22.1	19.4	16.4	48.6	25.9
16	17.3	16.1	17.1	20.5	27.6	15.4	69.8	59.0	53.6	17.9	54.6	35.2	70.9	45.7	45.1	32.6	11.4	14.6	53.3	13.7	11.9	22.3	15.4	13.0	11.4	70.9	31.4
17	12.1	13.8	12.3	13.9	12.0	11.5	10.2	13.9	17.9	20.1	42.4	33.5	21.0	25.6	23.1	22.4	47.1	26.7	11.8	10.8	17.6	17.9	12.0	17.2	10.2	47.1	19.5
18	12.9	14.1	14.1	12.7	17.2	13.9	14.9	14.7	22.7	24.7	41.7	27.8	26.5	38.7	29.9	27.7	20.8	19.5	19.2	18.3	22.4	24.3	36.0	33.4	12.7	41.7	22.8
19	28.9	36.8	57.7	41.2	33.8	49.7	44.0	42.2	51.2	49.4	62.2	24.1	16.1	17.3	18.4	15.6	20.5	19.6	15.2	19.1	13.2	15.4	10.1	28.7	10.1	62.2	30.4
20	27.6	35.0	9.2	12.6	10.5	12.3	24.2	24.0	47.5	19.3	18.4	21.4	22.8	18.0	20.1	18.1	15.1	15.6	18.7	15.2	16.4	10.0	8.9	14.0	8.9	47.5	19.0
21	17.8	13.3	13.2	12.3	26.8	15.8	32.2	33.8	18.7	28.9	23.5	23.5	19.0	20.2	22.8	20.0	20.2	20.8	20.9	15.3	15.7	19.9	18.0	20.0	12.3	33.8	20.5
22	18.0	19.6	20.1	29.4	20.0	23.3	33.1	23.0	25.6	51.7	44.3	29.2	27.2	25.8	25.7	26.7	44.8	16.0	23.4	24.7	15.2	28.0	35.1	65.2	15.2	65.2	29.0
23	38.1	37.6	19.4	10.6	15.1	28.8	13.9	50.2	18.8	51.5	20.4	17.8	14.8	19.6	17.5	16.7	16.7	16.8	27.5	23.0	14.1	9.4	12.6	13.4	9.4	51.5	21.9
24	30.0	13.2	25.3	19.0	10.5	26.5	38.7	24.1	24.7	19.0	42.1	37.2	19.8	17.9	16.8	15.3	14.8	15.4	31.1	17.6	7.7	9.4	13.1	10.7	7.7	42.1	20.8
25	8.1	7.9	8.5	9.1	12.1	9.3	10.0	11.2	12.5	18.9	44.8	49.1	32.2	26.8	35.8	17.5	12.4	10.2	15.9	21.0	23.6	7.5	9.9	12.5	7.5	49.1	17.8
26	18.1	10.6	15.2	11.5	9.0	11.0	11.1	10.1	35.4	21.3	19.9	18.9	20.3	17.7	19.1	16.7	14.7	15.4	24.7	8.6	7.4	21.2	17.8	20.0	7.4	35.4	16.5
27	19.0	15.0	18.4	30.7	16.3	34.7	28.4	16.8	9.6	30.0	20.5	20.6	19.5	22.2	18.9	16.7	15.6	12.3	9.2	17.1	9.3	16.9	14.5	16.1	9.2	34.7	18.7
28	12.8	11.9	12.9	19.5	15.3	14.1	13.6	13.8	14.8	15.9	37.5	38.0	53.0	35.1	26.8	27.9	20.7	4.6	34.7	6.3	19.0	13.7	9.5	13.1	4.6	53.0	20.2
29	10.5	18.5	13.4	12.5	10.6	11.2	11.8	16.7	16.2	14.9	21.3	49.1	33.3	28.3	18.5	21.2	13.2	13.4	33.4	11.4	41.6	11.2	16.5	23.0	10.5	49.1	19.6
30	19.9	19.8	18.4	19.8	15.3	12.4	13.6	26.5	28.3	25.0	20.1	29.9	32.3	26.4	24.8	18.5	16.9	17.7	26.8	20.9	21.7	16.0	15.9	15.4	12.4	32.3	20.9
31	21.0	16.4	18.5	18.7	16.7	18.2	18.4	18.9	26.7	24.9	35.8	40.8	33.1	20.5	17.3	16.3	16.7	17.0	17.4	20.8	17.4	18.3	18.1	18.7	16.3	40.8	21.1
Min	8.1	7.9	8.5	9.1	9.0	9.3	9.5	7.8	9.6	13.6	16.5	17.8	14.8	17.3	16.1	14.8	11.4	4.6	9.2	6.3	7.4	7.5	8.9	8.8	4.6		
Max	57.9	66.7	57.7	48.6	62.6	54.7	69.8	59.0	53.6	51.7	62.2	69.2	70.9	52.8	45.1	66.8	47.1	35.8	57.5	49.3	61.0	67.8	46.9	65.2		70.9	
Avg	22.2	24.5	21.9	23.2	20.7	23.3	25.9	25.7	24.4	27.0	32.3	31.7	30.0	27.0	24.4	23.0	20.3	18.0	24.1	21.6	22.6	20.9	19.3	22.2			24.0

Total Data Records Possible: 744  
 Total Valid Data Records: 742  
 Percent Data Recovery: 99.7

#### Missing Data Codes

-910 No data collected - system not set up  
 -920 Instrument Malfunction  
 -930 Data Logger Malfunction  
 -940 Calibration  
 -950 Audit  
 -960 Maintenance  
 -970 Data invalid - Does not meet consistency or an obvious problem  
 -971 Local Interference  
 -980 Power failure  
 -990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Running 3-Second Gust  
Units: mph  
Channel: 17

Site: Palm Desert (data subject to change)  
Month: January  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 05-08-2007  
Printout Time: 09:39:14  
Output File Name: PDTB0107.17

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	8.4	16.3	18.0	9.9	8.4	8.9	8.8	9.6	13.4	8.8	17.0	23.7	21.6	18.9	18.9	21.8	18.7	20.1	19.3	23.4	22.4	32.5	40.0	24.0	8.4	40.0	18.0
2	16.7	16.2	17.5	19.5	28.4	13.5	14.3	17.6	19.2	15.4	18.7	22.4	14.0	11.3	10.4	6.6	4.5	7.1	6.3	6.6	5.5	10.6	11.3	10.4	4.5	28.4	13.5
3	10.6	9.9	9.3	9.3	6.1	5.4	6.9	6.9	5.3	6.4	3.3	7.1	9.1	9.9	9.6	8.5	6.4	5.0	5.3	5.0	6.4	4.5	6.1	6.6	3.3	10.6	7.0
4	7.9	7.8	7.2	9.4	7.3	3.4	6.9	4.7	5.0	5.9	11.0	11.1	11.8	9.0	9.2	11.2	9.1	6.9	9.0	7.1	17.2	12.1	10.6	8.3	3.4	17.2	8.7
5	7.4	10.6	25.5	22.6	23.4	23.2	24.8	25.5	34.9	32.0	38.8	41.6	36.6	33.0	30.0	33.1	27.4	27.5	25.6	19.4	22.9	21.6	19.0	16.1	7.4	41.6	25.9
6	14.3	17.2	18.0	13.3	17.2	17.2	13.6	7.8	10.4	5.6	6.4	7.6	9.7	7.2	8.0	7.6	7.9	3.4	4.2	4.5	7.2	8.1	8.3	8.5	3.4	18.0	9.7
7	12.1	9.3	10.2	11.2	5.6	20.4	14.1	15.5	8.4	7.8	12.3	8.3	8.5	9.6	7.4	6.8	6.0	5.8	5.9	8.1	7.0	9.1	10.0	7.4	5.6	20.4	9.5
8	8.8	6.9	7.8	6.6	7.2	9.3	6.5	6.7	8.6	9.4	9.7	11.0	12.1	8.7	9.5	11.8	10.7	8.4	10.2	11.7	8.6	7.4	8.0	6.9	6.5	12.1	8.9
9	9.9	7.1	7.1	6.6	7.7	8.8	8.7	3.9	6.1	5.2	3.5	5.1	9.3	10.1	9.6	9.4	6.9	5.3	4.6	5.1	6.8	6.0	6.2	5.6	3.5	10.1	6.9
10	7.3	8.0	7.0	6.9	7.7	6.1	6.9	7.1	6.9	3.7	6.6	5.8	-940	-940	8.2	12.1	12.1	6.5	4.8	3.9	3.9	4.4	5.1	4.1	3.7	12.1	6.6
11	4.4	5.3	6.6	4.9	3.4	7.6	5.8	5.8	5.3	8.1	6.4	8.0	6.1	10.2	15.1	18.0	11.8	12.1	8.8	7.4	6.9	14.5	17.5	9.0	3.4	18.0	8.7
12	6.6	20.2	10.2	11.6	8.0	17.5	8.6	12.1	10.9	21.0	20.0	18.3	22.7	22.9	18.6	18.4	20.0	9.8	7.4	7.2	9.4	9.0	9.9	7.3	6.6	22.9	13.6
13	6.3	8.0	7.2	9.4	8.5	9.9	9.8	11.2	14.0	13.4	9.6	10.7	12.4	13.6	16.1	13.7	14.0	14.8	14.0	8.0	11.4	11.5	5.4	8.3	5.4	16.1	10.9
14	9.4	6.1	6.7	7.9	5.0	6.8	5.3	4.5	4.7	4.2	3.8	7.0	7.5	7.1	6.1	5.7	4.9	2.6	4.6	5.3	5.9	6.4	6.4	6.5	2.6	9.4	5.9
15	7.2	6.1	6.1	7.4	7.5	10.4	17.2	15.6	13.3	11.0	11.8	13.7	11.7	12.6	15.7	14.0	14.4	11.5	16.0	12.6	14.8	11.5	9.1	8.7	6.1	17.2	11.7
16	7.1	10.3	9.5	8.9	7.6	8.3	3.9	5.1	2.8	5.4	6.0	8.5	9.6	8.8	9.9	10.0	6.7	7.8	5.8	6.3	7.9	7.9	5.2	8.3	2.8	10.3	7.4
17	7.9	9.4	8.2	7.8	8.3	8.2	7.4	7.4	5.8	4.3	3.9	8.1	10.5	10.4	11.2	7.7	4.1	2.8	6.0	6.9	11.0	9.1	8.7	10.0	2.8	11.2	7.7
18	10.7	10.3	9.6	8.2	10.4	10.6	11.4	11.1	13.9	12.5	12.5	14.1	12.7	13.8	13.7	18.3	15.2	11.0	10.4	15.2	11.9	16.1	24.3	10.7	8.2	24.3	12.8
19	11.3	12.1	8.1	10.7	13.2	14.5	8.8	7.4	7.4	9.1	9.4	14.0	16.7	15.1	12.9	20.0	16.2	12.0	6.3	3.9	5.4	9.4	4.3	6.1	3.9	20.0	10.6
20	5.0	5.1	5.6	7.3	6.6	6.3	6.9	5.0	3.5	7.5	9.6	10.2	10.6	8.7	8.9	11.3	11.4	8.2	5.6	4.5	4.5	4.3	4.5	4.4	3.5	11.4	6.9
21	5.7	6.4	6.9	7.0	8.1	6.6	6.2	14.5	18.3	20.7	30.8	27.6	36.2	26.2	28.5	30.8	29.4	17.8	14.9	11.3	11.5	11.2	19.2	22.4	5.7	36.2	17.4
22	26.5	27.5	31.0	19.7	12.8	16.7	14.6	18.9	21.6	17.8	16.8	15.1	16.4	14.5	13.0	13.6	10.1	7.2	7.3	9.0	6.6	7.7	7.6	4.5	4.5	31.0	14.9
23	8.7	11.0	6.8	8.8	8.7	7.6	7.8	10.2	11.3	6.4	8.2	11.0	11.5	11.6	9.3	13.2	8.7	3.5	4.5	5.5	4.6	7.1	6.8	10.2	3.5	13.2	8.5
24	6.9	7.6	7.0	6.1	8.5	5.7	9.1	4.9	6.9	6.5	4.6	5.1	10.1	10.8	12.2	11.5	11.2	5.6	3.7	4.8	6.1	6.9	10.4	8.4	3.7	12.2	7.5
25	7.3	6.4	8.4	7.2	6.9	7.0	7.6	8.3	6.1	4.6	2.6	6.4	6.6	7.0	7.9	8.3	7.5	5.8	5.0	5.2	4.6	7.8	7.8	9.4	2.6	9.4	6.7
26	12.4	9.3	9.1	6.6	8.4	7.7	6.6	5.0	3.1	4.3	8.4	12.1	10.5	11.0	11.5	11.1	9.6	5.0	4.7	4.2	5.3	6.0	6.4	6.2	3.1	12.4	7.7
27	9.1	8.9	11.0	3.5	4.7	5.5	4.6	3.4	3.4	3.1	6.2	8.3	10.8	11.6	11.5	10.7	8.7	5.8	3.8	4.0	5.1	5.6	6.7	8.8	3.1	11.6	6.9
28	6.4	9.4	9.1	10.2	8.9	10.4	9.9	10.1	7.5	7.8	5.2	5.4	5.3	5.0	4.7	4.5	3.7	2.5	3.6	3.6	4.2	5.0	6.4	7.4	2.5	10.4	6.5
29	6.1	4.5	6.0	6.5	6.9	7.0	8.0	8.3	7.1	6.3	5.3	8.0	7.4	9.6	8.3	6.4	6.1	10.7	8.3	6.1	5.0	7.5	12.4	22.1	4.5	22.1	7.9
30	13.3	12.6	12.5	12.3	9.7	8.7	7.8	8.6	8.7	7.4	10.4	8.9	7.2	8.3	10.6	17.9	16.1	19.2	12.4	12.9	9.3	8.3	8.0	9.9	7.2	19.2	10.9
31	10.5	8.6	9.4	25.9	24.0	22.9	13.4	10.8	10.3	9.1	8.4	15.0	18.0	22.9	25.4	25.5	23.0	21.5	22.9	22.5	23.4	18.9	14.0	17.4	8.4	25.9	17.7
Min	4.4	4.5	5.6	3.5	3.4	3.4	3.9	3.4	2.8	3.1	2.6	5.1	5.3	5.0	4.7	4.5	3.7	2.5	3.6	3.6	3.9	4.3	4.3	4.1	2.5		
Max	26.5	27.5	31.0	25.9	28.4	23.2	24.8	25.5	34.9	32.0	38.8	41.6	36.6	33.0	30.0	33.1	29.4	27.5	25.6	23.4	23.4	32.5	40.0	24.0	41.6		
Avg	9.4	10.1	10.4	10.1	9.8	10.4	9.4	9.5	9.8	9.4	10.6	12.2	13.1	12.7	12.6	13.5	11.7	9.5	8.7	8.4	9.1	9.9	10.5	9.8			10.4

Total Data Records Possible: 744  
Total Valid Data Records: 742  
Percent Data Recovery: 99.7

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 930 Data Logger Malfunction
- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Variable: Battery Voltage  
Units: volts  
Channel: 7

Site: Palm Desert (data subject to change)  
Month: January  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 05-08-2007  
Printout Time: 09:39:08  
Output File Name: PDTB0107.7

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
2	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
3	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
4	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
5	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
7	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.1	12.9	13.4	13.2
8	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
9	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
10	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
11	13.0	13.0	13.0	13.0	13.0	12.9	12.9	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
12	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.0	12.9	13.4	13.2
13	13.0	13.0	13.0	12.9	12.9	12.9	13.0	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.0	12.9	13.4	13.2
14	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.0	12.9	13.4	13.2
15	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
16	13.0	13.0	13.0	13.0	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
17	13.0	13.0	13.0	12.9	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
18	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	12.9	13.4	13.2
19	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.0	13.0	13.0	13.4	13.2
20	13.0	12.9	12.9	12.9	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.0	12.9	13.4	13.2
21	13.0	13.0	13.0	12.9	12.9	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
22	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
23	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.4	13.2
24	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
25	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
26	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.4	13.2
27	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
28	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
29	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
30	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
31	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.0	13.4	13.2
Min	13.0	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.2	13.1	13.1	13.1	13.0	13.0	12.9		
Max	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1		13.4	
Avg	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1			13.2

Total Data Records Possible: 744  
Total Valid Data Records: 744  
Percent Data Recovery: 100.0

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 930 Data Logger Malfunction
- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2