

# Palm Desert Meteorological Data

July 2009

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 9

Site: Palm Desert (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 15:43:15  
Output File Name: PDTB0709.9

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	8.7	5.9	3.6	2.2	1.5	2.6	2.3	2.4	3.2	4.8	7.9	8.4	6.9	2.6	2.5	3.1	3.8	2.1	2.8	2.8	3.9	2.5	3.2	4.8	1.5	8.7	3.9
2	6.3	6.7	3.3	6.2	6.2	5.1	5.3	4.1	4.6	6.3	6.9	6.2	5.8	4.8	6.5	7.0	6.9	5.7	4.1	5.9	5.8	5.4	8.3	8.2	3.3	8.3	5.9
3	8.4	6.9	7.0	6.2	5.6	6.0	5.0	3.6	4.3	7.7	7.8	6.2	5.8	6.3	3.5	4.2	5.1	7.6	8.3	9.1	9.0	9.2	7.6	7.3	3.5	9.2	6.6
4	8.6	6.9	5.3	2.6	2.4	5.2	4.4	5.6	4.2	1.9	3.4	3.7	4.2	3.8	6.7	9.8	8.8	8.9	6.6	4.3	6.0	8.9	10.2	10.0	1.9	10.2	5.9
5	10.3	3.2	2.9	6.3	3.1	2.6	2.2	2.8	3.6	3.2	2.4	2.8	4.1	2.1	5.2	7.2	7.5	7.8	5.7	3.6	6.1	8.8	8.6	6.5	2.1	10.3	4.9
6	9.6	9.9	6.5	6.3	4.3	3.7	2.4	2.0	2.3	3.2	5.7	6.8	4.8	4.5	4.9	3.1	6.6	8.1	8.3	10.2	9.6	9.6	7.9	5.6	2.0	10.2	6.1
7	1.7	2.5	2.0	1.4	2.7	2.0	1.5	2.9	4.6	4.4	4.4	4.9	5.1	4.9	4.4	3.5	2.2	8.4	9.4	6.5	6.1	5.6	10.5	9.8	1.4	10.5	4.6
8	11.6	9.3	3.1	2.9	2.1	2.6	2.5	3.2	3.6	3.3	2.6	3.1	2.3	3.2	4.0	4.4	7.4	10.1	10.1	10.9	9.4	8.1	10.1	9.1	2.1	11.6	5.8
9	4.1	3.1	3.0	3.3	3.7	3.4	3.0	2.6	2.2	1.6	2.9	3.7	4.0	3.9	3.6	4.2	8.1	9.1	10.2	9.8	10.2	9.0	11.8	13.4	1.6	13.4	5.6
10	10.4	8.8	7.0	8.9	7.7	5.1	4.3	3.5	3.5	5.2	3.1	1.8	2.8	2.8	2.5	2.3	5.4	8.1	8.8	9.5	10.2	7.8	8.5	7.6	1.8	10.4	6.1
11	8.3	10.8	10.1	10.0	11.4	9.7	9.3	6.5	4.3	3.3	2.6	3.4	3.4	3.7	5.6	3.4	8.9	9.6	8.0	7.9	11.7	10.9	8.3	7.4	2.6	11.7	7.4
12	11.3	11.3	11.3	13.5	10.6	10.7	9.6	6.4	3.7	3.8	3.1	2.4	3.1	2.8	4.2	5.8	7.7	10.9	8.6	7.5	12.7	12.3	9.6	8.5	2.4	13.5	8.0
13	8.4	7.4	5.2	4.9	7.8	7.7	5.8	3.7	2.7	1.9	3.1	5.2	3.8	3.0	3.2	5.9	8.3	7.3	7.7	9.5	13.1	12.8	10.0	6.5	1.9	13.1	6.5
14	6.7	5.0	7.7	11.5	9.7	9.4	7.7	6.1	3.8	4.1	2.7	3.0	4.8	6.7	5.8	4.9	4.3	4.1	7.6	8.6	9.6	9.5	9.0	9.8	2.7	11.5	6.8
15	10.4	9.9	8.0	6.2	5.4	2.9	3.9	4.1	6.3	5.9	5.3	5.2	4.1	4.8	3.7	4.5	4.9	5.6	4.2	2.5	7.5	8.2	8.4	5.6	2.5	10.4	5.7
16	6.9	7.4	6.4	5.4	6.7	6.0	6.0	5.4	3.8	3.3	6.2	4.8	3.9	3.8	4.7	3.8	8.0	11.1	9.5	11.5	12.9	15.8	15.9	14.5	3.3	15.9	7.6
17	13.5	13.0	15.1	14.6	10.7	7.2	5.4	2.6	2.0	2.2	1.8	4.2	4.5	4.6	5.5	4.9	9.8	8.9	9.3	10.6	13.3	10.9	12.1	12.6	1.8	15.1	8.3
18	11.4	10.3	7.7	4.0	2.3	3.2	3.0	2.0	0.9	3.6	4.1	4.0	5.9	7.8	8.1	7.4	9.1	8.4	6.4	7.6	5.9	3.8	1.7	2.2	0.9	11.4	5.4
19	2.8	3.1	3.7	4.6	2.6	2.5	3.0	5.5	4.6	6.3	9.1	8.6	8.7	8.6	8.8	7.2	6.7	4.0	7.0	5.4	6.9	7.4	4.3	3.5	2.5	9.1	5.6
20	4.5	4.8	4.9	4.1	3.1	2.3	3.0	3.9	5.1	4.7	3.5	4.5	4.1	5.8	5.2	5.4	4.3	5.7	5.1	10.6	14.2	12.1	9.1	11.4	2.3	14.2	5.9
21	8.4	13.0	8.3	5.6	6.3	2.4	1.8	2.5	2.1	2.3	4.1	2.4	2.8	3.7	3.4	4.0	8.0	11.6	13.9	13.4	13.4	13.3	12.8	13.1	1.8	13.9	7.2
22	12.6	9.3	10.6	11.2	10.3	9.6	5.6	3.6	6.0	4.4	5.4	4.9	4.3	4.4	2.6	1.8	2.5	5.7	8.2	9.3	8.9	7.1	8.4	10.9	1.8	12.6	7.0
23	9.6	9.7	10.3	8.9	9.0	6.7	2.2	4.5	5.0	5.3	6.4	7.0	6.5	7.3	9.7	12.0	10.7	7.9	6.1	3.8	2.7	3.1	6.9	6.2	2.2	12.0	7.0
24	4.9	5.5	3.3	3.0	0.9	0.7	1.3	1.3	3.9	5.2	6.5	5.5	6.0	4.3	5.0	3.1	3.5	1.0	0.7	1.7	6.9	8.2	6.0	5.8	0.7	8.2	3.9
25	3.5	3.8	3.8	4.0	3.9	3.6	2.9	2.0	3.2	5.5	5.8	5.5	4.9	5.6	6.9	6.6	6.6	6.6	4.3	4.6	5.1	8.0	8.8	7.7	2.0	8.8	5.1
26	8.7	5.4	6.3	7.0	5.9	5.8	3.6	2.6	4.6	4.5	5.1	5.1	5.9	4.7	2.6	2.4	5.5	9.6	10.5	10.8	10.2	9.1	10.1	10.1	2.4	10.8	6.5
27	10.2	9.9	10.3	9.3	10.5	8.1	7.1	3.9	3.1	2.8	2.6	3.0	3.2	5.2	7.1	9.3	11.2	12.5	10.3	9.2	9.7	9.1	11.8	13.7	2.6	13.7	8.1
28	12.5	12.6	10.9	8.6	9.8	8.8	6.7	3.5	2.9	2.4	2.6	1.6	4.3	4.1	5.0	7.3	9.6	10.0	10.6	13.3	13.4	13.2	13.9	14.2	1.6	14.2	8.4
29	10.9	10.2	8.2	3.4	2.9	1.9	2.7	3.3	1.9	2.3	2.9	2.8	3.6	4.6	2.9	4.9	9.1	6.5	8.8	10.6	14.6	11.7	11.2	10.6	1.9	14.6	6.4
30	6.2	6.8	4.6	3.8	2.7	2.3	1.9	2.7	3.4	3.3	2.8	2.6	2.9	3.3	3.2	3.1	5.9	7.5	7.9	7.7	6.1	5.9	7.4	9.9	1.9	9.9	4.7
31	10.3	10.0	6.0	5.1	6.3	8.6	8.1	6.0	2.7	5.8	6.0	5.1	4.7	4.4	4.3	6.0	4.5	3.5	7.8	9.9	9.6	9.1	9.1	9.6	2.7	10.3	6.8
Min	1.7	2.5	2.0	1.4	0.9	0.7	1.3	1.3	0.9	1.6	1.8	1.6	2.3	2.1	2.5	1.8	2.2	1.0	0.7	1.7	2.7	2.5	1.7	2.2	0.7		
Max	13.5	13.0	15.1	14.6	11.4	10.7	9.6	6.5	6.3	7.7	9.1	8.6	8.7	8.6	9.7	12.0	11.2	12.5	13.9	13.4	14.6	15.8	15.9	14.5		15.9	
Avg	8.4	7.8	6.7	6.3	5.7	5.1	4.3	3.7	3.6	4.0	4.5	4.5	4.6	4.6	4.9	5.3	6.8	7.5	7.6	8.0	9.2	8.9	9.1	8.9			6.3

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

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

Site: Palm Desert (data subject to change)  
 Month: July  
 Year: 2009  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-05-2009  
 Printout Time: 15:43:15  
 Output File Name: PDTB0709.10

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	316	296	287	264	11	347	351	288	272	185	143	143	140	150	265	261	225	218	176	122	133	260	287	315	[ W ]
2	318	312	298	312	301	298	297	272	188	137	133	143	131	138	130	136	140	143	92	333	344	316	325	319	[SE ]
3	311	307	304	303	300	295	300	269	191	135	135	135	142	136	150	206	305	313	322	326	325	318	312	319	[NW ]
4	316	316	312	275	275	296	247	130	138	278	194	204	185	316	318	321	326	324	318	320	344	337	320	321	[NW ]
5	323	269	267	290	283	286	210	206	173	172	240	169	158	177	274	320	318	317	312	301	340	336	320	306	[NW ]
6	314	314	299	306	285	283	258	217	210	200	154	143	138	132	138	225	319	321	315	326	325	321	320	307	[NW ]
7	259	253	227	232	10	319	292	140	133	138	147	149	144	143	146	126	112	328	331	345	326	323	317	318	[SE ]
8	317	318	264	278	303	274	263	273	264	237	219	212	243	283	353	338	325	319	323	325	317	311	317	318	[NW ]
9	300	276	286	297	296	274	267	223	235	232	189	145	157	148	153	284	322	322	324	325	317	309	315	315	[NW ]
10	312	314	300	313	303	274	256	252	200	168	152	189	192	105	239	277	335	322	323	327	329	313	314	309	[NW ]
11	323	317	312	316	316	311	311	292	245	216	191	200	170	160	150	300	322	318	324	326	330	322	316	307	[NW ]
12	317	318	314	316	312	312	307	281	256	251	215	244	155	220	337	323	314	318	311	313	327	326	316	318	[NW ]
13	323	314	298	294	315	313	300	240	191	201	215	177	175	176	236	309	298	270	310	322	329	328	317	305	[NW ]
14	311	291	296	312	310	309	300	290	256	248	260	201	171	150	153	146	141	320	317	323	319	322	321	317	[NW ]
15	317	312	303	295	284	201	115	106	137	139	140	140	126	137	131	131	130	140	136	48	334	327	327	309	[SE ]
16	319	320	311	296	310	299	291	285	248	195	162	152	153	138	154	123	333	317	314	324	329	328	318	318	[NW ]
17	317	316	316	312	306	296	299	257	277	275	211	161	134	136	144	293	321	314	318	326	329	314	317	316	[NW ]
18	314	312	286	113	17	276	266	245	218	147	121	146	135	139	134	138	142	134	127	121	147	172	344	302	[SE ]
19	288	260	261	198	20	146	177	150	124	128	140	128	134	135	153	135	151	138	321	298	332	330	316	300	[SE ]
20	321	307	302	276	224	87	111	129	124	132	148	144	150	146	141	126	141	316	294	325	318	325	324	318	[SE ]
21	331	322	305	294	306	273	171	149	191	203	169	212	194	148	170	315	324	324	324	322	322	320	319	319	[NW ]
22	316	310	316	310	313	315	276	180	141	151	148	147	154	150	144	113	190	317	320	324	323	318	321	318	[NW ]
23	314	310	313	305	309	297	189	125	151	151	134	129	136	141	140	144	141	132	129	116	126	340	315	308	[SE ]
24	278	298	275	272	307	233	253	178	137	139	131	142	145	124	126	131	147	138	201	273	319	327	317	318	[SE ]
25	295	285	281	279	281	289	279	240	141	139	137	132	144	166	133	129	137	139	138	343	344	323	313	313	[SE ]
26	313	293	299	308	302	295	284	247	158	140	146	132	131	133	169	95	334	317	317	323	327	318	319	317	[NW ]
27	317	314	312	308	314	306	299	272	265	254	259	300	211	297	317	314	317	318	320	321	323	319	318	315	[NW ]
28	313	316	317	311	314	310	305	255	248	246	211	150	180	341	334	321	322	319	320	324	322	322	316	315	[NW ]
29	309	313	306	331	316	21	303	273	211	217	143	146	152	159	155	329	326	312	332	331	327	331	317	316	[NW ]
30	321	314	291	275	221	99	93	102	123	150	175	218	192	184	164	246	332	320	318	320	323	327	324	316	[NW ]
31	312	313	315	306	307	310	307	281	198	145	136	134	133	156	133	126	124	121	324	330	331	327	318	315	[NW ]

Prev [NW ] [NW ] [NW ] [NW ] [NW ] [WNW ] [WNW ] [ W ] [SE ] [SE ] [SE ] [SE ] [SE ] [SE ] [SE ] [SE ] [NW ] [NW ] [NW ] [NW ] [NNW ] [NW ] [NW ] [NW ] [NW ]

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- 950 Audit
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- 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

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 15:43:15  
Output File Name: PDTB0709.10t

Processed using: TABLE.EXE version 1.2

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

Site: Palm Desert (data subject to change)  
 Month: July  
 Year: 2009  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-05-2009  
 Printout Time: 15:43:15  
 Output File Name: PDTB0709.11

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	22.3	22.5	16.2	22.3	52.5	28.8	18.2	15.5	24.5	22.9	17.8	17.5	18.9	20.0	19.3	18.3	9.0	9.9	13.5	16.3	21.7	21.4	14.6	19.1	9.0	52.5	20.1
2	18.5	21.5	28.3	20.2	21.4	22.2	23.1	20.5	22.9	20.1	22.4	22.5	23.9	40.8	21.9	21.8	19.3	17.4	28.7	24.2	23.3	23.2	17.9	19.8	17.4	40.8	22.8
3	22.1	24.0	22.4	23.0	19.9	20.4	23.4	17.7	16.8	19.6	20.5	26.1	28.0	25.1	39.8	62.0	24.3	22.0	21.4	18.0	19.6	20.6	24.1	21.4	16.8	62.0	24.3
4	20.2	21.3	27.0	21.2	14.5	24.2	34.6	19.6	25.0	57.1	28.3	33.7	40.8	53.8	37.2	25.0	21.2	19.7	20.5	17.2	19.1	20.7	19.3	18.7	14.5	57.1	26.7
5	18.5	24.8	21.3	22.7	22.0	18.9	17.1	14.1	19.7	33.4	35.5	58.0	44.5	57.3	37.6	39.6	23.3	20.8	23.4	19.8	18.2	19.7	19.0	25.3	14.1	58.0	27.3
6	21.6	20.5	24.0	23.2	20.5	20.6	16.6	14.4	18.4	24.0	24.5	20.1	29.5	30.7	30.5	29.5	24.2	19.0	19.8	18.7	18.1	18.6	18.3	22.9	14.4	30.7	22.0
7	54.7	34.0	34.3	30.6	14.6	17.6	22.0	38.5	24.3	27.8	27.5	30.4	28.3	28.4	27.5	28.7	54.9	21.4	20.2	21.2	21.2	21.4	20.1	20.5	14.6	54.9	27.9
8	18.8	20.1	18.2	17.7	21.5	18.4	15.1	20.1	18.2	22.7	23.8	30.9	48.4	54.4	67.5	42.8	23.4	19.7	20.1	18.9	21.6	21.6	19.2	19.7	15.1	67.5	25.9
9	21.3	17.5	16.8	19.9	25.0	18.2	17.5	12.3	19.0	21.5	33.8	33.5	32.4	32.0	43.1	50.7	23.0	18.6	18.5	18.3	19.8	23.2	20.2	19.8	12.3	50.7	24.0
10	23.8	23.6	21.9	21.3	22.8	21.1	16.4	14.9	15.6	15.1	31.2	64.3	69.6	52.7	36.5	43.1	25.0	20.2	18.2	18.8	18.6	20.8	20.6	23.0	14.9	69.6	27.5
11	19.0	20.5	21.8	20.8	20.7	22.5	20.4	24.1	15.6	18.2	42.9	36.4	49.2	47.8	24.8	56.1	22.0	18.0	19.4	18.7	18.6	18.5	21.8	24.8	15.6	56.1	25.9
12	19.0	18.3	20.1	19.0	22.3	22.0	23.7	21.3	19.5	22.6	42.0	65.9	46.8	61.3	51.5	36.0	24.0	19.6	21.0	18.1	16.8	17.4	21.3	20.7	16.8	65.9	27.9
13	19.8	22.1	21.5	18.8	20.1	21.6	24.7	23.1	22.0	39.0	23.6	22.8	32.0	46.3	38.1	27.9	23.3	20.7	20.5	19.6	17.2	17.5	21.8	23.0	17.2	46.3	24.5
14	22.0	23.8	22.4	20.8	22.4	22.1	24.2	24.5	17.9	18.1	32.4	41.6	28.3	22.9	22.1	22.7	22.7	43.0	18.5	17.6	18.9	19.6	19.8	18.9	17.6	43.0	23.6
15	19.3	22.2	24.0	23.4	22.0	31.3	26.8	32.1	20.3	21.8	24.8	31.7	35.1	26.9	39.1	28.6	21.5	19.0	19.2	27.6	18.0	17.3	17.6	21.4	17.3	39.1	24.6
16	19.2	18.6	22.1	24.3	22.6	22.6	22.4	20.9	14.7	21.5	23.6	25.4	34.5	31.7	16.9	25.5	31.5	18.9	21.4	18.0	17.3	18.3	19.3	19.8	14.7	34.5	22.1
17	20.0	20.6	19.0	20.4	22.7	23.4	21.4	22.8	37.0	37.0	41.2	27.2	26.8	36.0	22.7	47.2	21.2	19.2	18.3	18.0	18.4	21.7	19.6	19.2	18.0	47.2	25.0
18	18.8	21.0	32.6	20.1	24.1	14.8	15.9	13.9	31.1	27.6	29.1	37.9	24.0	20.9	20.0	20.8	17.3	19.2	18.6	21.2	19.8	14.1	29.7	43.7	13.9	43.7	23.2
19	8.5	9.1	30.4	11.4	17.8	22.6	15.4	16.8	21.2	20.3	17.6	22.6	21.3	21.9	19.0	21.5	18.4	26.7	30.3	20.6	18.6	17.3	17.6	17.3	8.5	30.4	19.3
20	17.9	23.1	21.6	22.6	19.2	21.5	23.8	22.6	20.6	30.7	33.3	33.8	31.6	23.2	25.0	26.5	26.8	40.0	23.2	19.8	19.5	18.9	18.7	19.4	17.9	40.0	24.3
21	20.2	20.3	25.5	24.7	25.0	32.8	32.4	31.7	33.9	37.0	33.5	37.4	55.9	43.8	47.2	36.7	21.7	19.6	18.5	18.9	18.9	19.0	19.5	19.8	18.5	55.9	28.9
22	17.8	22.7	20.1	20.3	20.3	20.0	21.9	21.8	18.4	21.6	21.7	25.7	28.9	28.5	46.6	54.5	26.8	32.7	19.4	18.2	19.8	20.8	18.7	19.0	17.8	54.5	24.4
23	21.6	22.2	21.3	23.0	21.7	28.6	43.1	20.7	18.6	19.4	21.6	23.5	24.5	22.6	19.9	16.5	16.8	18.5	20.0	21.3	25.7	20.1	19.8	22.4	16.5	43.1	22.2
24	20.9	22.3	33.6	23.1	50.7	36.8	8.0	28.5	19.2	22.1	24.2	20.4	25.1	33.8	24.6	30.3	23.9	35.4	3.5	9.7	18.2	17.7	19.8	20.0	3.5	50.7	23.8
25	20.9	19.2	19.2	17.6	15.3	17.4	19.4	27.2	39.4	20.3	21.0	23.9	29.1	30.5	23.0	22.0	19.4	17.7	18.5	43.0	20.9	18.4	21.3	20.9	15.3	43.0	22.7
26	19.5	23.3	23.7	22.5	25.1	23.3	22.5	17.4	21.5	22.7	20.0	24.6	24.2	28.8	44.6	56.2	46.5	20.7	18.9	18.4	18.0	20.5	19.1	19.7	17.4	56.2	25.1
27	20.9	22.0	21.2	22.6	20.0	23.2	24.2	19.8	20.2	17.9	30.2	47.0	31.1	38.4	27.0	24.4	19.9	19.6	19.3	19.1	19.2	20.5	17.9	18.8	17.9	47.0	23.5
28	21.2	19.8	19.4	22.3	21.0	23.1	26.4	23.6	20.0	23.3	29.9	55.5	32.3	51.9	41.8	26.8	20.2	19.8	18.2	18.3	18.4	19.3	19.6	19.1	18.2	55.5	25.5
29	22.2	20.6	21.1	48.4	35.4	24.1	20.9	20.9	32.4	33.8	38.8	65.0	48.1	26.3	52.9	30.1	20.6	22.1	19.1	17.8	16.5	20.2	19.9	18.9	16.5	65.0	29.0
30	17.0	20.0	23.0	20.7	12.7	25.5	25.8	25.7	30.2	34.2	48.1	54.8	39.3	38.0	50.3	33.1	27.3	20.1	19.9	19.3	20.8	17.9	17.4	19.8	12.7	54.8	27.5
31	22.3	21.6	21.5	22.5	22.6	22.4	22.5	22.7	24.8	19.2	20.3	25.5	28.5	39.3	33.4	23.4	24.0	34.9	20.1	18.4	18.5	18.4	19.2	20.1	18.4	39.3	23.6
Min	8.5	9.1	16.2	11.4	12.7	14.8	8.0	12.3	14.7	15.1	17.6	17.5	18.9	20.0	16.9	16.5	9.0	9.9	3.5	9.7	16.5	14.1	14.6	17.3	3.5		
Max	54.7	34.0	34.3	48.4	52.5	36.8	43.1	38.5	39.4	57.1	48.1	65.9	69.6	61.3	67.5	62.0	54.9	43.0	30.3	43.0	25.7	23.2	29.7	43.7	69.6		
Avg	21.0	21.4	23.1	22.3	23.2	23.0	22.2	21.6	22.7	25.6	28.5	35.0	34.2	36.0	33.9	33.2	24.0	22.4	19.7	19.8	19.3	19.5	19.8	21.2			24.7

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

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

Site: Palm Desert (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 15:43:16  
Output File Name: PDTB0709.17

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	19.8	16.7	8.3	5.3	4.7	6.4	5.1	5.9	8.0	15.1	14.5	16.1	13.5	8.8	7.9	7.7	7.5	5.3	5.9	6.2	9.6	5.1	6.0	11.8	4.7	19.8	9.2
2	12.9	17.8	11.0	15.0	14.8	11.2	12.4	10.9	13.4	12.8	13.2	12.9	12.4	13.9	14.5	13.5	13.1	10.8	15.5	13.9	16.0	14.1	17.1	18.7	10.8	18.7	13.8
3	20.5	17.5	15.7	16.0	13.8	15.2	11.8	9.8	10.1	15.6	14.7	13.1	15.0	13.4	11.4	14.1	13.2	18.8	20.8	20.1	18.2	20.0	18.7	17.0	9.8	20.8	15.6
4	17.3	17.4	16.1	12.9	5.8	14.5	11.9	12.6	9.4	7.5	9.0	9.4	9.9	14.8	17.7	22.6	21.3	19.4	15.9	9.6	13.3	22.4	21.2	19.3	5.8	22.6	14.6
5	21.2	14.1	10.6	18.1	8.3	6.3	5.3	5.2	8.5	8.6	6.1	10.7	10.6	7.7	13.2	19.9	18.1	16.9	15.3	12.8	15.6	20.2	18.4	18.0	5.2	21.2	12.9
6	21.7	20.2	17.8	15.3	11.5	9.9	4.7	4.6	6.1	7.1	12.7	13.0	11.4	11.1	13.1	9.6	16.1	19.3	20.3	19.8	20.0	19.0	15.9	17.1	4.6	21.7	14.1
7	5.3	5.6	4.5	4.9	5.3	4.7	3.2	8.6	10.2	10.5	11.1	10.2	10.6	12.1	9.2	10.2	6.6	19.7	20.8	16.1	18.6	14.1	23.4	20.9	3.2	23.4	11.1
8	24.3	19.8	8.4	7.7	6.2	6.3	5.8	8.0	8.4	8.0	7.8	8.3	6.2	10.5	12.5	12.6	18.4	25.4	22.1	23.1	20.2	21.2	21.4	18.3	5.8	25.4	13.8
9	11.6	8.8	8.8	9.5	9.4	9.5	8.5	4.8	5.3	4.4	7.5	9.9	11.7	9.6	11.0	14.9	18.8	18.3	22.9	21.6	22.5	21.8	24.5	27.1	4.4	27.1	13.5
10	23.8	21.9	18.4	19.8	18.9	13.7	12.7	7.2	7.6	9.3	8.2	7.0	9.2	8.3	8.0	6.4	14.3	17.8	20.1	21.5	20.6	22.1	18.5	17.7	6.4	23.8	14.7
11	18.3	24.1	22.2	23.2	22.6	21.4	20.3	18.3	8.7	8.1	6.9	9.2	8.8	10.4	11.4	15.4	21.2	17.4	18.0	19.5	24.1	25.9	18.6	22.3	6.9	25.9	17.4
12	23.1	24.6	24.4	27.2	24.3	25.6	20.8	19.4	9.2	8.4	7.7	13.7	10.2	7.5	15.1	15.5	18.3	23.5	21.4	20.1	26.7	24.1	21.9	19.3	7.5	27.2	18.8
13	17.5	16.5	15.3	12.5	17.3	18.0	14.2	12.0	5.9	6.7	9.2	12.1	10.1	9.8	9.9	17.0	21.0	18.4	21.0	22.7	26.1	24.3	23.3	15.6	5.9	26.1	15.7
14	17.8	15.4	21.1	23.7	21.0	22.4	22.2	16.1	7.6	8.3	7.9	7.9	12.0	13.0	13.0	11.2	8.3	17.1	17.6	18.6	20.2	19.8	20.0	20.2	7.6	23.7	15.9
15	20.9	21.3	21.0	15.3	14.3	9.0	15.3	11.6	14.3	12.7	12.9	12.5	12.4	11.4	10.2	11.0	10.7	11.3	8.7	11.0	16.1	15.6	16.7	12.5	8.7	21.3	13.7
16	15.1	16.7	15.2	13.8	14.5	14.3	14.5	15.3	7.4	9.1	12.5	10.9	9.7	11.6	10.4	10.2	19.8	22.1	22.1	24.2	24.0	35.8	30.5	29.1	7.4	35.8	17.0
17	27.7	31.1	30.8	31.4	26.2	19.9	13.4	9.5	6.4	7.0	6.2	9.9	11.0	11.5	12.4	12.6	22.2	21.3	22.8	22.4	30.3	24.0	26.5	24.2	6.2	31.4	19.2
18	22.5	22.5	20.8	13.2	5.0	7.2	6.4	4.2	4.4	8.8	9.6	9.4	12.6	14.7	15.7	15.6	19.6	18.9	15.7	21.8	20.0	9.0	4.2	6.6	4.2	22.5	12.9
19	5.0	5.6	11.5	10.4	5.6	6.3	8.0	10.8	8.6	16.4	16.3	17.2	16.8	18.9	16.1	14.8	15.5	14.2	18.7	14.9	16.2	15.9	14.6	9.1	5.0	18.9	12.8
20	9.9	11.0	14.2	13.6	6.9	5.0	7.8	7.8	11.0	11.0	8.6	11.4	10.3	12.8	10.3	12.7	10.7	18.8	14.0	33.0	31.3	24.7	23.9	23.7	5.0	33.0	14.3
21	21.4	32.2	22.3	15.8	16.7	7.5	5.0	6.7	5.2	7.2	10.3	7.5	10.2	8.8	10.2	16.5	21.0	24.3	29.7	28.2	28.3	25.6	26.2	27.8	5.0	32.2	17.3
22	26.9	22.6	23.9	24.5	22.0	22.6	19.7	10.3	11.4	9.1	13.3	10.4	8.7	10.2	8.2	6.8	7.6	15.3	19.2	20.1	20.4	16.3	18.3	21.2	6.8	26.9	16.2
23	20.6	19.8	21.3	21.5	20.6	18.0	8.0	10.0	11.7	10.7	13.1	15.1	13.7	16.4	21.2	22.2	20.0	16.7	15.3	10.3	7.5	10.2	15.2	14.3	7.5	22.2	15.6
24	12.2	14.3	8.6	7.2	3.3	2.4	3.1	5.2	8.8	11.5	12.7	11.0	12.4	11.3	11.5	8.8	7.2	4.9	1.6	3.1	14.0	17.2	13.9	12.9	1.6	17.2	9.1
25	8.6	10.0	8.4	10.0	9.3	8.4	7.2	5.0	8.8	11.5	11.4	10.9	12.1	13.5	14.9	14.6	12.5	12.1	10.2	13.8	13.5	18.6	19.7	17.8	5.0	19.7	11.8
26	18.6	13.2	16.5	17.2	14.3	16.2	9.9	5.8	9.7	10.2	12.4	11.1	11.3	11.5	10.4	7.8	20.2	21.6	26.1	20.8	19.4	22.6	21.8	21.3	5.8	26.1	15.4
27	22.0	22.1	21.6	20.0	22.4	20.5	16.7	12.6	6.9	6.7	7.9	8.3	9.1	18.2	19.0	23.2	22.9	25.8	23.7	19.6	20.7	20.1	22.9	30.5	6.7	30.5	18.5
28	27.8	25.2	22.6	18.6	21.4	19.5	16.8	14.8	6.8	5.6	6.8	6.4	9.4	16.1	13.0	18.3	22.1	22.8	21.9	27.5	26.2	26.3	27.8	26.5	5.6	27.8	18.8
29	23.8	20.9	21.6	13.0	9.4	5.1	5.9	8.9	5.3	8.0	8.0	8.5	12.8	9.3	8.6	16.1	19.3	18.7	18.2	21.2	27.5	24.6	26.7	22.9	5.1	27.5	15.2
30	14.5	13.7	11.9	12.2	6.1	5.6	5.8	7.2	8.8	8.3	7.8	8.2	8.1	8.3	8.9	12.4	16.3	16.1	16.3	16.1	18.5	11.9	16.9	20.8	5.6	20.8	11.7
31	23.6	24.3	17.2	12.2	14.3	18.3	20.2	20.2	8.7	12.9	12.1	10.4	10.8	12.0	11.5	14.2	10.8	10.8	17.8	20.1	18.9	17.9	18.9	19.2	8.7	24.3	15.7
Min	5.0	5.6	4.5	4.9	3.3	2.4	3.1	4.2	4.4	4.4	6.1	6.4	6.2	7.5	7.9	6.4	6.6	4.9	1.6	3.1	7.5	5.1	4.2	6.6	1.6		
Max	27.8	32.2	30.8	31.4	26.2	25.6	22.2	20.2	14.3	16.4	16.3	17.2	16.8	18.9	21.2	23.2	22.9	25.8	29.7	33.0	31.3	35.8	30.5	30.5		35.8	
Avg	18.6	18.3	16.5	15.5	13.4	12.6	11.1	10.0	8.5	9.6	10.3	10.7	11.1	11.9	12.3	13.8	16.0	17.5	18.1	18.5	20.1	19.7	19.8	19.5			14.7

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

Variable: Battery Voltage  
Units: volts  
Channel: 7

Site: Palm Desert (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 15:43:15  
Output File Name: PDTB0709.7

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	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.2	13.1	13.1	13.0	13.0	13.0	12.9	13.4	13.1
2	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.1	13.0	13.0	13.0	12.9	12.9	12.9	13.3	13.1
3	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.1	13.0	13.0	13.0	12.9	12.9	12.9	13.3	13.1
4	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.1	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.3	13.1
5	12.9	12.9	12.9	12.9	12.8	12.9	13.2	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.8	13.3	13.1
6	12.9	12.9	12.9	12.9	12.8	12.9	13.2	13.2	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.0	13.0	13.0	12.9	12.9	12.9	12.8	13.3	13.1
7	12.9	12.9	12.8	12.8	12.8	12.9	13.2	13.3	13.3	13.3	13.3	13.3	13.2	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	13.3	13.0
8	12.7	12.7	12.7	12.7	12.7	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	13.1	12.9
9	12.7	12.7	12.7	12.7	12.7	12.8	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	13.1	12.9
10	12.7	12.7	12.7	12.7	12.7	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	13.0	12.9
11	12.7	12.7	12.7	12.7	12.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.8	12.8	12.7	12.7	13.0	12.9
12	12.7	12.7	12.7	12.7	12.7	12.7	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	12.7	13.0	12.9
13	12.7	12.7	12.7	12.7	12.7	12.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.0	12.8
14	12.7	12.7	12.7	12.7	12.7	12.8	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.0	12.8
15	12.7	12.7	12.6	12.6	12.6	12.7	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	13.0	12.8
16	12.7	12.6	12.6	12.6	12.6	12.6	12.7	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.7	12.7	12.7	12.7	12.6	13.0	12.8
17	12.7	12.6	12.6	12.6	12.6	12.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.8	12.7	12.7	12.7	12.7	12.6	13.0	12.8
18	12.7	12.6	12.6	12.6	12.6	12.6	12.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.8	12.7	12.7	12.7	12.7	12.6	13.0	12.8
19	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.8	12.7	12.7	12.7	12.7	12.6	13.0	12.8
20	12.6	12.6	12.6	12.6	12.6	12.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.6	13.0	12.8
21	12.6	12.6	12.6	12.6	12.6	12.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.6	12.9	12.8
22	12.6	12.6	12.6	12.6	12.6	12.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.6	13.0	12.8
23	12.6	12.6	12.6	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.6	13.0	12.8
24	12.6	12.6	12.6	12.6	12.5	12.6	12.8	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.5	13.0	12.8
25	12.6	12.6	12.6	12.5	12.5	12.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.8	12.7	12.7	12.6	12.6	12.6	12.5	13.0	12.8
26	12.6	12.6	12.6	12.5	12.5	12.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.6	12.5	12.9	12.7
27	12.6	12.6	12.6	12.5	12.5	12.5	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.8	12.7	12.7	12.7	12.6	12.6	12.6	12.5	13.0	12.7
28	12.6	12.6	12.5	12.4	10.2	12.1	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.6	12.6	12.6	12.6	10.2	12.9	12.6
29	12.6	12.5	12.5	12.4	10.3	12.1	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.6	12.6	12.6	12.6	10.3	12.9	12.6
30	12.5	12.5	12.5	10.2	10.2	11.6	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.6	12.6	12.6	12.6	10.2	12.9	12.5
31	12.6	12.5	12.5	10.2	10.3	11.5	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.6	12.6	10.2	12.9	12.5
Min	12.5	12.5	12.5	10.2	10.2	11.5	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.7	12.7	12.6	12.6	12.6	12.6	10.2		
Max	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.2	13.1	13.1	13.0	13.0	13.0		13.4	
Avg	12.7	12.7	12.7	12.5	12.4	12.6	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.7			12.8

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