

Palm Desert Meteorological Data

September 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: September
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 10-13-2009
Printout Time: 16:33:09
Output File Name: PDTB0909.9

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	3.0	3.3	2.5	2.3	2.1	2.4	1.5	5.0	7.7	6.5	5.6	3.0	2.6	2.7	3.9	4.9	5.6	3.6	1.7	1.4	3.7	5.6	5.3	2.2	1.4	7.7	3.7
2	2.6	3.3	2.6	3.1	2.7	2.9	1.8	2.4	4.5	4.8	3.4	4.5	6.1	4.5	4.2	3.0	1.9	1.6	2.3	1.7	1.8	2.0	2.0	1.6	1.6	6.1	3.0
3	2.3	2.0	1.1	2.0	3.2	3.1	2.3	1.6	1.0	3.8	4.9	5.0	5.1	6.5	6.3	6.2	4.8	3.8	3.0	3.2	3.9	3.0	4.7	4.5	1.0	6.5	3.6
4	3.6	1.9	2.2	1.4	1.3	2.3	2.4	1.1	2.4	3.5	4.0	4.6	5.6	6.3	7.8	7.5	6.2	2.7	0.3	0.8	2.1	3.3	2.3	1.7	0.3	7.8	3.2
5	2.5	2.4	2.0	1.0	1.6	1.4	0.6	2.8	3.9	2.7	3.7	4.8	6.7	8.0	8.0	7.8	7.6	10.0	10.0	8.3	6.1	3.0	3.7	2.5	0.6	10.0	4.6
6	1.6	2.2	3.4	3.5	3.6	2.8	1.7	1.3	2.7	4.8	5.4	6.2	6.9	6.6	6.8	6.5	5.8	3.9	2.0	0.9	4.4	5.6	6.2	5.8	0.9	6.9	4.2
7	3.3	1.6	2.9	3.1	3.1	2.7	2.8	2.4	3.0	5.1	5.9	5.9	6.4	6.9	5.8	5.0	3.4	1.0	7.3	8.1	8.1	5.5	6.1	7.2	1.0	8.1	4.7
8	5.7	6.6	3.1	3.5	2.4	2.6	2.7	2.5	3.1	3.5	2.3	2.1	3.7	3.9	4.2	4.3	2.7	4.7	7.0	8.7	10.3	9.3	7.5	8.1	2.1	10.3	4.8
9	8.4	6.1	5.7	4.6	2.9	3.0	3.2	2.2	1.0	3.4	4.6	4.4	4.0	4.6	4.5	4.7	4.8	3.1	1.7	2.6	3.9	5.1	5.3	7.1	1.0	8.4	4.2
10	4.5	4.7	4.8	3.9	4.9	5.4	4.6	4.0	3.3	2.5	1.9	3.5	4.7	5.4	5.3	3.3	4.2	3.4	4.1	2.0	4.6	7.0	9.5	9.3	1.9	9.5	4.6
11	9.1	9.2	7.3	6.8	7.3	5.8	5.3	4.1	4.1	3.8	2.4	3.4	3.2	4.0	2.9	5.8	9.9	8.6	7.2	8.2	7.8	10.8	9.9	11.5	2.4	11.5	6.6
12	10.4	11.3	10.6	8.3	8.4	9.6	9.1	4.8	3.2	2.7	3.4	3.7	4.1	4.8	7.0	8.8	10.4	11.3	8.9	8.9	9.6	7.1	7.7	8.9	2.7	11.3	7.6
13	6.6	5.0	6.2	6.4	6.9	5.4	3.4	2.1	4.3	3.0	1.8	2.7	2.8	4.2	5.1	8.0	9.9	10.4	10.6	10.9	11.9	10.1	7.2	4.7	1.8	11.9	6.2
14	10.3	9.9	8.9	7.8	6.0	8.4	7.4	3.8	3.8	5.2	3.8	4.0	3.9	5.3	9.1	10.8	10.7	9.5	8.1	9.2	12.2	11.9	12.7	7.9	3.8	12.7	7.9
15	9.7	10.1	9.8	7.2	8.6	10.2	10.4	10.5	6.3	3.6	1.1	1.4	2.7	3.3	3.7	4.2	5.6	3.3	2.4	5.3	5.7	7.9	8.8	11.4	1.1	11.4	6.4
16	11.0	7.9	6.7	5.7	5.7	5.0	4.4	4.0	2.0	3.7	4.3	5.4	6.6	6.5	7.1	7.1	6.3	4.4	1.8	1.6	3.2	4.8	5.9	5.1	1.6	11.0	5.3
17	3.1	3.6	4.2	3.6	4.1	4.0	3.7	3.2	2.4	2.5	5.1	4.9	5.0	5.2	6.1	6.5	6.1	3.9	3.0	2.4	2.9	2.9	2.8	3.6	2.4	6.5	4.0
18	4.4	4.3	4.3	4.1	3.7	3.6	2.8	2.6	1.6	3.8	5.7	7.0	5.8	6.9	7.1	6.7	5.4	2.8	2.3	1.3	3.0	3.0	2.8	2.4	1.3	7.1	4.0
19	5.0	4.4	2.6	1.8	1.4	2.3	2.4	0.8	3.1	2.5	3.3	4.2	5.6	4.9	4.5	5.0	5.1	3.3	2.7	3.1	4.7	7.3	6.2	5.6	0.8	7.3	3.8
20	6.1	5.1	4.1	4.8	3.8	5.2	6.4	3.8	3.7	3.0	2.3	3.8	3.1	2.4	2.7	5.5	6.3	7.7	7.7	7.7	9.2	8.7	9.1	10.1	2.3	10.1	5.5
21	8.2	6.9	6.9	7.5	7.7	5.8	6.3	6.2	4.1	3.0	2.6	3.0	3.6	4.5	3.6	4.0	4.4	2.6	2.0	2.1	5.6	5.8	5.4	3.9	2.0	8.2	4.8
22	4.5	6.7	4.7	4.3	3.6	3.8	4.2	3.8	3.2	1.6	2.8	4.2	3.0	6.0	4.3	3.3	4.1	3.8	3.3	4.3	4.0	3.6	3.2	3.8	1.6	6.7	3.9
23	3.5	4.5	4.3	3.5	3.2	2.8	3.2	2.9	1.2	2.6	3.4	3.1	3.5	5.2	5.9	4.2	2.0	2.2	2.8	1.7	3.3	3.6	3.5	4.6	1.2	5.9	3.4
24	4.1	3.8	4.9	4.0	4.7	3.7	3.6	2.6	0.8	2.1	4.4	3.8	3.7	4.2	4.2	5.2	6.3	3.7	2.5	2.1	3.2	3.5	3.3	3.7	0.8	6.3	3.7
25	3.6	4.1	5.4	4.9	5.2	4.3	4.2	3.6	4.1	1.5	1.8	4.7	6.2	5.6	4.7	5.4	4.1	2.4	1.8	1.7	2.8	3.9	5.2	4.5	1.5	6.2	4.0
26	4.6	4.2	4.3	4.4	4.2	4.7	4.7	3.8	2.6	1.9	1.3	3.5	4.1	4.2	3.8	5.2	5.0	2.9	3.3	2.6	3.3	3.5	3.8	4.2	1.3	5.2	3.8
27	3.6	4.1	4.1	4.5	5.1	4.3	5.0	4.4	2.5	2.4	2.2	2.0	4.0	5.6	5.8	6.6	4.0	2.8	3.1	6.9	9.0	7.7	5.9	6.3	2.0	9.0	4.7
28	6.5	8.7	6.9	5.9	5.2	4.4	4.0	2.9	3.0	3.0	2.9	1.9	4.7	2.4	2.5	5.5	6.0	5.8	6.7	9.1	9.2	7.2	5.3	4.6	1.9	9.2	5.2
29	4.7	5.3	2.4	2.7	3.9	2.6	2.9	2.6	4.3	4.3	4.9	3.5	2.6	3.4	6.4	9.8	9.6	5.7	6.2	8.4	6.2	8.2	6.3	6.3	2.4	9.8	5.1
30	9.2	10.5	5.8	9.2	7.8	8.3	14.1	10.9	7.8	6.3	5.3	4.7	4.9	5.7	4.5	4.8	5.2	4.1	2.7	3.9	5.3	5.3	4.7	4.1	2.7	14.1	6.5
Min	1.6	1.6	1.1	1.0	1.3	1.4	0.6	0.8	0.8	1.5	1.1	1.4	2.6	2.4	2.5	3.0	1.9	1.0	0.3	0.8	1.8	2.0	2.0	1.6	0.3		
Max	11.0	11.3	10.6	9.2	8.6	10.2	14.1	10.9	7.8	6.5	5.9	7.0	6.9	8.0	9.1	10.8	10.7	11.3	10.6	10.9	12.2	11.9	12.7	11.5		14.1	
Avg	5.5	5.5	4.8	4.5	4.5	4.4	4.4	3.6	3.4	3.4	3.6	4.0	4.5	5.0	5.3	5.9	5.8	4.6	4.3	4.6	5.7	5.9	5.7	5.6			4.8

Total Data Records Possible: 720
Total Valid Data Records: 720
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: September
 Year: 2009
 Time Zone: PST

Validation Level: B
 Printout Date: 10-13-2009
 Printout Time: 16:33:09
 Output File Name: PDTB0909.10

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	266	245	120	62	173	348	38	106	117	118	138	162	157	195	130	117	132	130	109	248	301	313	314	256	[ESE]
2	237	292	276	289	259	110	53	102	128	134	135	134	137	126	129	138	250	262	220	130	31	191	273	295	[SE]
3	257	248	346	286	276	270	290	259	250	145	150	133	138	132	136	137	135	109	93	142	191	289	309	316	[SE]
4	171	74	79	45	28	295	279	262	113	144	138	137	136	133	141	132	135	147	103	10	101	105	90	55	[SE]
5	90	119	101	101	177	197	202	121	144	155	130	133	134	147	150	132	138	117	93	144	157	262	278	100	[SE]
6	147	278	298	276	269	294	279	170	133	140	143	137	136	137	135	137	133	123	108	31	342	337	333	330	[SE]
7	319	193	258	280	298	262	269	248	170	137	148	143	147	139	147	148	148	194	323	321	322	309	321	325	[NW]
8	318	319	284	280	272	242	255	230	216	183	175	158	146	144	140	144	135	319	324	327	326	322	308	305	[NW]
9	304	302	290	288	258	272	269	257	187	141	137	144	146	142	128	120	136	141	92	92	320	319	317	314	[SE]
10	274	277	272	274	269	295	295	257	248	283	230	120	157	138	161	162	156	142	18	38	333	322	319	315	[W]
11	316	311	301	296	295	296	291	267	274	271	229	188	169	174	196	323	317	316	322	334	326	328	324	323	[NW]
12	319	318	314	315	307	315	313	285	261	254	270	269	298	308	327	316	318	316	320	328	329	319	321	321	[NW]
13	306	288	312	315	315	311	297	235	182	183	233	157	123	127	312	320	318	315	321	323	327	316	315	302	[NW]
14	316	322	326	322	333	324	313	289	281	311	293	322	327	318	326	328	323	323	323	320	323	321	316	313	[NW]
15	318	316	315	312	313	315	315	315	309	283	323	290	191	207	155	145	138	98	33	341	323	316	314	315	[NW]
16	316	309	304	295	305	292	276	248	208	136	118	125	127	122	129	129	136	120	87	355	293	311	314	310	[NW]
17	261	258	284	268	273	277	291	282	257	229	155	144	153	128	140	143	146	115	93	115	293	282	282	281	[WNW]
18	299	273	268	269	263	296	274	253	218	115	129	118	124	124	127	134	132	145	91	320	299	274	303	253	[SE]
19	313	293	215	68	19	292	299	261	148	137	136	134	133	122	126	139	131	97	100	158	356	328	312	313	[SE]
20	316	312	284	294	286	306	307	276	238	235	225	166	218	171	247	319	316	316	319	325	325	324	316	318	[NW]
21	310	298	297	302	311	286	293	289	263	244	213	219	160	150	156	164	156	131	76	20	306	289	295	274	[WNW]
22	280	289	267	282	297	264	270	262	290	19	298	324	271	301	326	325	355	353	305	288	279	266	277	289	[W]
23	285	265	282	288	268	301	293	283	230	147	160	230	224	233	238	289	322	220	251	105	293	294	280	293	[WNW]
24	276	288	297	274	308	293	295	270	250	198	166	150	157	133	145	130	141	115	78	23	290	280	274	290	[WNW]
25	274	270	289	285	279	281	271	283	233	235	219	189	177	173	161	150	143	85	81	265	312	293	295	295	[WNW]
26	267	264	267	260	264	265	264	280	274	213	185	191	163	153	163	160	146	121	38	341	278	301	289	269	[W]
27	251	263	268	270	277	261	250	262	255	165	149	151	142	138	129	151	117	49	21	317	324	323	310	310	[W]
28	307	307	303	294	281	260	269	251	198	116	142	146	162	225	284	259	278	308	339	329	330	334	304	293	[WNW]
29	282	289	230	256	287	286	253	158	113	144	145	128	80	45	300	265	274	330	329	328	329	336	337	326	[NNW]
30	336	334	348	333	310	308	318	310	302	317	335	297	280	260	286	287	321	343	318	281	286	278	265	306	[NW]

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

Total Data Records Possible: 720
 Total Valid Data Records: 720
 Percent Data Recovery: 100.0

Missing Data Codes

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 -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

Validation Level: B
Printout Date: 10-13-2009
Printout Time: 16:33:09
Output File Name: PDTB0909.10t

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Total Data Records Possibe:    720
Total Valid Data Records:      720
Percent Data Recovery:         100.0
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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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3

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

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

Validation Level: B
 Printout Date: 10-13-2009
 Printout Time: 16:33:09
 Output File Name: PDTB0909.11

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	16.2	11.7	31.5	44.3	32.8	21.1	34.1	25.6	25.4	27.9	25.8	50.6	46.6	35.8	33.9	21.4	19.8	22.0	19.9	23.2	14.1	19.4	19.0	16.1	11.7	50.6	26.6
2	15.9	13.8	13.6	15.2	26.9	18.8	19.3	31.7	24.5	24.5	41.4	27.5	22.2	23.3	19.8	24.1	30.1	11.9	12.2	17.6	18.4	20.7	9.9	11.7	9.9	41.4	20.6
3	23.0	20.4	35.7	13.7	6.8	9.1	18.4	18.0	17.0	24.5	21.1	27.6	23.4	23.0	22.5	20.3	20.9	22.8	28.3	19.4	7.7	17.2	16.7	37.3	6.8	37.3	20.6
4	28.9	37.5	21.9	17.5	17.1	11.2	9.4	30.3	43.3	32.2	30.8	32.6	25.1	22.9	19.5	20.9	19.9	17.5	19.5	42.2	34.5	24.3	24.6	20.7	9.4	43.3	25.2
5	19.8	21.8	18.8	20.1	21.7	7.1	48.2	34.6	30.7	60.5	35.8	28.0	23.5	20.4	18.7	21.4	19.5	21.9	24.8	21.0	19.7	18.9	20.4	34.9	7.1	60.5	25.5
6	15.7	38.8	17.0	15.6	18.3	18.6	14.5	48.7	31.5	24.6	25.0	23.4	24.5	23.7	21.0	20.6	20.7	21.4	18.4	18.1	20.2	17.9	18.0	18.9	14.5	48.7	22.3
7	19.3	26.6	17.3	14.8	12.1	16.9	8.9	8.5	19.4	24.0	21.5	22.3	21.4	20.1	22.9	24.0	21.8	9.3	19.5	19.8	20.9	23.4	20.6	18.8	8.5	26.6	18.9
8	20.8	22.1	31.4	28.0	20.8	14.5	17.1	20.0	17.4	20.4	42.2	51.5	32.6	34.8	24.9	21.2	45.4	37.0	18.3	19.3	18.2	19.9	24.9	24.3	14.5	51.5	26.1
9	25.2	26.9	25.0	26.9	18.5	14.5	17.0	12.4	29.3	29.3	25.2	25.4	36.3	25.0	28.7	26.1	20.5	17.7	22.6	23.3	20.5	16.9	18.1	19.6	12.4	36.3	23.0
10	20.8	18.2	18.3	18.6	17.7	19.0	22.1	17.8	14.8	25.5	41.1	39.8	28.8	26.2	20.1	32.1	19.1	37.9	28.9	41.4	29.4	18.1	19.1	21.2	14.8	41.4	24.8
11	21.7	23.7	22.7	24.0	23.5	24.1	22.6	19.8	19.8	19.0	39.8	40.7	43.4	31.8	52.7	27.1	20.6	20.1	18.5	19.4	21.3	16.9	18.0	18.3	16.9	52.7	25.4
12	19.5	19.8	21.1	21.7	23.6	21.7	21.5	23.6	18.8	25.7	30.5	39.1	37.4	36.0	34.3	23.2	20.5	19.9	19.3	17.9	18.1	21.0	19.6	17.6	17.6	39.1	23.8
13	26.0	22.5	24.3	21.4	23.2	22.2	33.0	36.7	16.5	29.0	51.4	56.6	51.7	41.9	42.0	21.6	20.5	20.8	18.8	19.1	18.7	21.0	21.6	21.2	16.5	56.6	28.4
14	21.5	18.9	19.7	21.5	16.5	20.0	21.0	25.2	30.1	26.5	32.2	39.0	37.5	45.2	23.9	23.1	21.3	21.0	18.5	19.1	18.8	20.0	21.2	21.6	16.5	45.2	24.3
15	20.1	19.4	19.2	21.4	22.9	20.9	20.2	20.0	23.0	28.9	49.6	64.9	55.9	41.3	37.4	23.7	19.4	34.6	28.5	22.9	22.9	18.9	21.7	19.7	18.9	64.9	28.2
16	20.0	24.3	23.0	24.6	22.0	22.9	20.8	15.2	29.8	25.0	26.0	24.2	22.4	23.4	23.1	21.4	19.3	21.2	19.6	44.8	19.5	19.8	19.9	21.1	15.2	44.8	23.0
17	14.5	12.5	18.8	19.0	15.8	16.3	24.4	23.1	17.2	15.6	22.5	20.4	24.0	27.9	21.5	18.1	15.9	20.3	22.3	44.5	22.5	8.3	15.7	16.5	8.3	44.5	19.9
18	19.6	14.7	16.1	15.1	21.4	15.8	11.6	13.9	37.8	25.2	23.1	24.4	26.9	23.3	22.8	20.2	20.9	20.4	21.9	67.7	13.6	11.1	14.7	14.4	11.1	67.7	21.5
19	21.2	20.5	23.6	21.4	8.0	9.8	10.7	18.9	21.6	41.0	35.7	31.8	24.2	22.7	24.4	21.3	21.8	25.7	31.8	41.4	28.0	18.2	22.8	21.9	8.0	41.4	23.7
20	23.0	25.2	28.1	23.0	20.8	24.3	22.3	22.5	14.1	18.6	30.5	32.2	36.4	65.8	38.1	31.1	23.1	20.0	19.1	18.3	17.1	18.1	20.5	19.2	14.1	65.8	25.5
21	22.9	23.3	24.9	24.4	22.9	22.1	23.9	24.7	19.1	16.0	20.1	28.2	36.3	26.5	29.6	25.1	16.4	22.3	28.1	25.9	19.8	20.5	25.9	17.3	16.0	36.3	23.6
22	18.5	18.5	14.8	19.6	21.8	22.7	16.3	15.4	29.0	58.5	52.7	36.6	41.1	23.3	33.2	30.1	26.6	20.8	13.2	14.6	15.4	10.9	11.9	22.7	10.9	58.5	24.5
23	25.3	13.3	19.1	17.3	23.9	18.3	13.6	16.4	31.2	25.7	29.4	39.8	40.3	24.8	21.8	42.7	38.3	8.3	6.8	41.5	30.8	58.3	15.8	18.0	6.8	58.3	25.9
24	16.8	15.6	18.8	14.5	18.6	19.6	14.1	21.5	14.3	21.9	18.0	33.6	42.0	27.6	26.7	22.7	16.8	21.4	23.2	12.3	30.1	10.9	16.4	16.6	10.9	42.0	20.6
25	14.2	12.9	18.1	19.0	18.1	17.0	16.9	22.9	10.7	12.6	15.9	21.5	24.5	27.7	28.2	19.4	19.4	20.9	40.8	24.3	13.8	16.1	18.5	21.4	10.7	40.8	19.8
26	18.8	16.4	15.2	16.4	18.0	14.6	18.3	20.9	17.6	20.2	28.9	34.1	31.0	40.3	37.9	22.8	14.2	23.2	34.5	53.0	21.6	17.4	18.1	17.1	14.2	53.0	23.8
27	9.2	12.9	16.7	18.9	18.6	16.8	15.6	17.0	17.1	27.0	30.7	49.8	29.9	22.3	22.3	17.7	25.2	22.8	23.1	22.5	18.6	19.4	22.9	23.9	9.2	49.8	21.7
28	26.2	23.1	21.9	25.7	25.8	19.0	20.9	18.1	15.0	26.4	27.7	47.7	22.1	36.6	33.7	19.6	22.1	23.4	20.1	20.0	18.8	19.4	29.6	27.8	15.0	47.7	24.6
29	27.9	24.2	52.0	45.9	42.1	35.5	17.8	29.0	22.4	20.2	21.2	37.7	44.1	56.0	35.9	21.9	30.5	24.3	22.1	20.4	27.7	21.5	24.3	28.3	17.8	56.0	30.5
30	22.6	21.8	28.0	27.9	26.4	23.8	22.4	23.6	25.3	29.5	30.0	31.4	30.0	22.4	28.9	21.8	24.4	19.5	28.7	21.5	20.2	20.6	17.0	21.5	17.0	31.4	24.5
Min	9.2	11.7	13.6	13.7	6.8	7.1	8.9	8.5	10.7	12.6	15.9	20.4	21.4	20.1	18.7	17.7	14.2	8.3	6.8	12.3	7.7	8.3	9.9	11.7	6.8		
Max	28.9	38.8	52.0	45.9	42.1	35.5	48.2	48.7	43.3	60.5	52.7	64.9	55.9	65.8	52.7	42.7	45.4	37.9	40.8	67.7	34.5	58.3	29.6	37.3	67.7		
Avg	20.5	20.7	22.5	21.9	20.9	18.6	19.9	22.5	22.8	26.9	30.9	35.4	32.9	30.7	28.4	23.6	22.5	21.7	22.4	27.2	20.7	19.5	19.6	21.0			23.9

Total Data Records Possible: 720
 Total Valid Data Records: 720
 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: September
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 10-13-2009
Printout Time: 16:33:10
Output File Name: PDTB0909.17

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	6.1	5.7	9.7	5.8	5.2	4.6	5.0	17.5	20.4	16.9	13.7	9.9	6.9	7.0	12.4	11.9	11.8	10.7	5.3	5.7	10.9	12.6	12.2	7.4	4.6	20.4	9.8
2	5.6	5.8	6.1	8.6	8.3	10.1	4.7	6.9	9.9	10.4	9.1	12.6	13.6	9.6	9.1	7.0	4.5	4.4	3.9	4.1	6.0	6.4	4.7	3.6	3.6	13.6	7.3
3	5.1	5.3	3.7	3.7	5.4	5.1	4.9	3.9	2.7	9.6	11.3	11.5	13.0	14.1	12.5	11.4	12.9	9.4	8.6	7.7	5.8	6.4	12.4	9.1	2.7	14.1	8.1
4	12.7	5.1	6.0	4.2	3.3	4.5	4.5	5.5	8.8	9.4	10.0	11.5	12.9	13.7	14.6	15.3	14.9	9.1	1.5	3.3	5.7	10.0	8.2	4.7	1.5	15.3	8.3
5	6.9	7.1	4.5	3.2	4.0	3.2	3.0	8.0	8.4	9.2	10.4	11.8	17.7	15.9	15.1	15.7	15.9	23.3	25.1	21.9	18.0	7.5	9.5	10.7	3.0	25.1	11.5
6	7.3	4.7	7.5	7.1	8.4	6.9	4.2	3.7	6.7	10.1	13.4	12.9	16.3	13.3	13.8	13.1	11.3	9.9	7.9	4.5	10.6	11.8	12.9	12.6	3.7	16.3	9.6
7	8.6	4.7	5.8	6.3	5.5	4.9	5.1	3.7	9.1	10.9	14.5	12.9	13.5	13.9	11.3	11.0	8.6	4.5	15.8	18.2	17.5	16.7	12.8	15.7	3.7	18.2	10.5
8	13.7	15.9	9.2	12.7	6.9	5.6	5.4	6.9	6.7	7.4	6.4	7.5	8.6	8.6	9.6	8.6	8.3	12.6	18.8	17.5	22.4	20.8	18.8	20.7	5.4	22.4	11.6
9	19.9	15.5	14.2	11.8	8.8	6.9	6.7	6.1	3.6	8.8	9.6	9.2	9.4	10.6	12.9	10.9	9.9	8.3	6.9	6.5	9.6	10.1	11.8	14.3	3.6	19.9	10.1
10	11.5	11.6	10.6	9.2	10.2	11.5	11.1	10.9	6.6	6.6	7.2	8.1	12.5	11.3	12.3	11.9	9.5	8.8	15.3	9.5	12.8	14.9	21.4	19.4	6.6	21.4	11.4
11	23.9	20.4	20.6	16.0	17.6	15.1	12.9	12.7	9.1	8.5	7.4	8.3	11.8	9.5	8.6	17.8	20.3	19.7	15.3	17.7	18.8	20.8	20.5	24.2	7.4	24.2	15.7
12	22.4	23.0	22.1	19.4	21.5	20.2	21.4	15.7	9.3	8.1	10.1	11.8	14.2	17.4	20.7	20.9	22.9	24.9	23.1	19.1	19.4	15.3	16.3	18.7	8.1	24.9	18.2
13	17.5	17.9	16.7	16.2	18.6	14.0	9.7	5.5	8.7	7.6	6.1	9.4	8.0	10.8	14.6	16.7	21.9	23.5	23.5	25.6	24.8	21.0	17.9	13.1	5.5	25.6	15.4
14	26.2	20.8	17.9	16.7	16.1	18.4	21.3	8.9	11.8	17.4	11.1	10.3	10.4	14.9	23.1	24.0	24.5	21.8	17.7	20.2	23.8	26.3	28.1	22.4	8.9	28.1	18.9
15	22.9	19.4	20.9	18.3	21.9	22.0	22.3	21.8	15.9	8.9	4.7	3.9	7.9	8.1	8.7	9.9	11.5	9.5	9.1	13.1	14.2	16.7	19.7	23.0	3.9	23.0	14.8
16	23.6	18.9	16.2	17.3	14.3	12.5	10.9	8.0	5.4	7.4	11.0	13.7	14.2	14.9	14.8	15.0	14.0	9.6	5.8	5.5	10.2	10.1	14.0	12.0	5.4	23.6	12.5
17	7.7	6.8	9.6	11.1	8.3	8.6	9.7	7.9	5.9	4.8	11.0	9.7	11.5	16.5	13.4	12.8	10.8	8.8	7.6	6.9	5.5	5.3	8.6	10.0	4.8	16.5	9.1
18	10.4	9.5	9.0	8.0	10.1	7.7	6.0	6.1	6.8	9.9	14.1	17.3	12.8	14.6	17.5	13.7	12.5	7.8	6.1	3.3	5.3	6.4	6.2	7.2	3.3	17.5	9.5
19	10.8	10.3	8.6	4.4	2.7	5.2	5.0	2.9	6.9	7.2	8.0	10.2	14.0	12.4	9.8	10.1	10.7	9.6	6.7	10.7	15.9	15.5	15.0	13.3	2.7	15.9	9.4
20	15.2	15.6	15.7	13.0	9.8	11.8	15.9	13.7	8.3	7.1	8.4	9.1	8.5	8.3	11.8	16.5	15.6	17.0	17.0	17.9	19.1	18.8	19.4	20.9	7.1	20.9	13.9
21	19.9	17.7	16.6	18.5	16.4	13.3	17.1	18.0	8.5	7.9	5.5	7.5	8.6	9.7	8.8	9.9	9.6	7.5	4.7	9.4	14.0	12.6	13.1	8.4	4.7	19.9	11.8
22	12.1	15.6	9.8	9.9	9.2	7.9	10.6	8.3	8.4	5.2	10.7	14.0	9.8	14.4	11.5	10.4	11.8	9.0	7.4	9.0	7.4	6.3	6.1	6.6	5.2	15.6	9.6
23	7.7	8.6	7.7	6.1	6.4	5.0	6.3	6.1	4.5	6.4	7.9	7.8	9.7	11.3	15.1	15.8	8.6	5.0	6.1	5.6	6.9	9.3	8.0	9.6	4.5	15.8	8.0
24	9.0	7.4	10.6	7.9	11.0	10.1	7.4	8.3	3.6	7.0	9.8	10.2	10.4	10.2	11.5	12.0	13.8	10.2	8.7	4.5	8.6	6.1	6.0	8.4	3.6	13.8	8.9
25	8.6	8.6	12.1	11.0	11.5	10.3	9.1	8.7	7.0	4.5	7.4	11.8	14.3	13.9	12.4	13.1	10.5	6.4	5.7	3.6	7.8	8.2	10.9	11.0	3.6	14.3	9.5
26	14.0	7.5	8.6	8.6	8.0	9.1	9.6	8.7	7.0	4.0	4.6	8.0	10.8	11.4	12.0	12.1	10.1	7.8	8.8	8.7	9.1	7.7	10.2	10.7	4.0	14.0	9.0
27	6.6	7.6	8.6	9.6	13.7	8.8	8.8	9.3	8.5	6.9	6.1	5.6	9.9	11.0	12.8	12.5	8.9	9.7	11.3	16.4	17.0	19.3	14.2	16.0	5.6	19.3	10.8
28	16.7	19.7	18.9	15.6	16.8	10.3	9.2	8.6	6.4	7.8	7.5	8.6	10.5	6.6	9.7	13.5	14.5	16.5	17.0	20.8	18.7	14.9	14.6	15.2	6.4	20.8	13.3
29	17.5	15.1	10.2	10.0	11.5	6.9	5.7	8.7	9.2	8.7	11.5	8.7	7.9	14.5	17.2	24.3	23.8	13.7	16.3	18.6	15.6	19.4	16.1	19.7	5.7	24.3	13.8
30	21.7	25.7	17.5	23.0	21.9	25.6	31.6	27.6	17.5	14.5	14.3	13.2	14.0	13.0	10.9	11.7	14.5	11.4	8.6	10.1	11.8	11.6	9.8	9.9	8.6	31.6	16.3
Min	5.1	4.7	3.7	3.2	2.7	3.2	3.0	2.9	2.7	4.0	4.6	3.9	6.9	6.6	8.6	7.0	4.5	4.4	1.5	3.3	5.3	5.3	4.7	3.6	1.5		
Max	26.2	25.7	22.1	23.0	21.9	25.6	31.6	27.6	20.4	17.4	14.5	17.3	17.7	17.4	23.1	24.3	24.5	24.9	25.1	25.6	24.8	26.3	28.1	24.2		31.6	
Avg	13.7	12.6	11.8	11.1	11.1	10.2	10.2	9.6	8.4	8.6	9.4	10.2	11.4	12.0	12.9	13.6	13.3	11.7	11.2	11.5	13.1	12.9	13.3	13.3			11.6

Total Data Records Possible: 720
Total Valid Data Records: 720
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: September
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 10-13-2009
Printout Time: 16:33:09
Output File Name: PDTB0909.7

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

Total Data Records Possible: 720
Total Valid Data Records: 720
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