

Palm Desert Meteorological Data

Septemeber 2005

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: 2005
Time Zone: PST

Validation Level: B
Printout Date: 10-04-2005
Printout Time: 08:25:57
Output File Name: PDTB0905.9

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	10.0	9.4	10.5	8.9	8.4	8.2	6.4	4.8	2.5	5.9	7.1	5.4	4.7	5.5	4.9	2.5	1.8	8.2	9.1	10.8	8.4	9.0	10.8	10.3	1.8	10.8	7.2
2	8.8	6.3	6.1	5.1	2.5	2.7	4.8	4.1	2.6	2.0	4.1	7.5	7.7	9.2	6.5	7.4	6.1	2.8	6.2	5.4	6.9	4.5	3.7	3.8	2.0	9.2	5.3
3	5.1	5.0	5.1	5.7	4.3	4.0	2.5	3.6	8.4	5.6	4.4	3.8	4.8	4.7	5.8	6.1	5.4	4.8	4.4	6.1	5.1	3.5	4.1	2.5	2.5	8.4	4.8
4	2.5	5.6	6.3	6.2	5.7	5.9	5.5	4.7	2.8	3.3	3.4	2.6	4.3	3.8	4.2	7.6	6.8	6.1	6.3	7.3	6.9	8.3	8.2	11.2	2.5	11.2	5.6
5	10.8	9.0	8.1	3.5	3.5	4.0	3.5	2.8	2.9	2.8	4.9	6.1	6.5	4.0	3.7	4.6	3.5	6.6	7.1	11.0	11.6	13.3	12.3	9.7	2.8	13.3	6.5
6	10.8	10.3	6.7	4.0	4.4	4.5	4.2	4.4	4.4	4.0	3.3	5.0	4.0	3.6	6.0	6.0	5.7	3.2	6.3	9.0	11.1	7.7	8.3	7.3	3.2	11.1	6.0
7	5.7	6.8	5.7	5.1	4.6	4.1	4.8	3.1	2.7	3.4	1.9	3.2	4.1	4.1	2.8	3.8	5.7	6.9	6.4	8.7	9.8	10.4	9.1	10.2	1.9	10.4	5.5
8	9.6	9.3	8.1	11.6	12.6	7.9	7.6	8.8	7.9	5.3	2.5	2.9	6.4	6.9	8.7	9.4	9.2	7.9	7.4	12.7	11.8	11.2	14.6	12.5	2.5	14.6	8.9
9	8.3	8.7	6.3	12.0	9.5	4.4	9.9	6.4	3.0	2.4	7.5	10.0	12.9	15.1	16.0	11.2	11.9	11.6	18.2	20.9	18.9	15.9	13.3	12.4	2.4	20.9	11.1
10	14.5	17.5	14.8	10.6	14.1	8.6	2.2	2.7	3.1	2.9	2.6	2.2	2.5	4.5	7.2	9.4	9.8	10.4	10.9	14.5	16.1	13.0	8.1	8.2	2.2	17.5	8.8
11	8.9	7.2	9.2	9.2	8.3	8.4	6.3	5.3	3.7	3.4	2.8	2.9	2.6	3.7	6.5	9.0	7.6	9.8	11.9	13.5	11.3	11.6	10.7	12.1	2.6	13.5	7.7
12	13.2	4.6	7.7	10.5	12.7	13.0	8.6	7.0	3.7	2.0	2.3	2.7	3.5	5.5	6.8	6.8	7.6	9.6	11.7	12.4	12.8	13.0	17.2	17.0	2.0	17.2	8.8
13	17.4	15.4	12.2	13.2	12.3	8.5	5.8	3.2	4.0	5.1	4.7	2.6	4.3	6.9	7.6	11.3	12.2	15.7	14.4	13.7	15.3	12.9	15.2	18.4	2.6	18.4	10.5
14	19.7	20.7	17.0	10.6	10.1	6.5	7.1	8.1	9.1	7.3	5.0	4.1	2.4	1.8	1.9	1.9	4.4	8.6	9.2	8.6	8.9	9.3	7.0	7.3	1.8	20.7	8.2
15	6.0	4.9	5.7	6.7	5.5	5.7	5.4	6.4	5.6	2.6	4.2	7.6	9.5	8.9	8.5	7.9	7.4	4.4	4.7	8.1	9.1	9.4	10.0	11.7	2.6	11.7	6.9
16	11.2	13.4	8.3	8.4	6.6	7.7	13.7	13.9	10.3	5.3	2.1	2.2	2.1	3.3	4.6	6.2	9.6	9.2	9.8	10.1	13.0	13.6	14.0	15.6	2.1	15.6	8.9
17	12.2	12.0	11.6	11.3	9.6	7.7	4.5	4.2	3.0	2.4	2.9	3.8	5.2	5.1	3.4	3.5	3.8	3.5	7.5	8.9	10.2	10.2	10.2	7.7	2.4	12.2	6.8
18	9.7	8.4	4.1	5.2	5.3	5.8	3.4	2.5	1.9	3.8	3.9	3.6	4.0	5.3	5.3	3.8	4.0	3.5	1.6	5.3	8.2	6.7	7.2	7.5	1.6	9.7	5.0
19	5.3	5.1	5.3	5.9	5.0	2.3	3.8	2.9	1.8	3.9	5.6	4.2	3.2	7.5	8.9	5.6	3.8	1.6	2.2	3.5	5.0	4.9	6.4	8.1	1.6	8.9	4.7
20	7.9	4.9	4.6	7.1	6.9	7.1	7.9	6.8	7.0	8.2	8.0	6.4	7.6	8.4	9.6	8.9	7.9	6.9	6.5	6.1	6.2	6.4	6.8	5.3	4.6	9.6	7.1
21	7.6	7.7	9.3	7.6	7.5	7.9	7.6	7.6	4.6	4.1	3.5	3.7	5.0	4.3	3.5	4.3	4.4	7.2	6.8	11.2	8.1	7.1	7.5	7.8	3.5	11.2	6.5
22	7.6	8.9	8.7	8.2	10.1	8.4	8.0	6.6	5.3	2.9	2.1	2.5	3.2	3.2	2.9	2.0	2.0	2.5	7.4	11.2	12.8	12.1	11.5	8.1	2.0	12.8	6.6
23	9.4	7.4	9.0	9.1	8.6	7.6	7.6	5.1	4.4	3.4	2.3	2.5	3.1	2.3	6.3	8.4	7.0	4.4	5.1	7.4	12.4	12.0	11.2	12.2	2.3	12.4	7.0
24	10.6	12.3	12.3	3.1	7.0	5.4	7.0	10.0	7.9	5.1	2.4	3.0	2.1	2.2	1.5	3.8	11.0	10.1	12.2	10.1	10.0	9.4	8.1	7.0	1.5	12.3	7.2
25	8.9	7.5	5.6	5.2	5.5	4.0	3.8	2.0	2.7	2.2	1.5	1.9	3.6	3.1	4.1	4.7	6.0	0.8	1.3	3.2	4.8	4.0	5.4	5.2	0.8	8.9	4.0
26	4.7	5.7	6.0	5.4	5.0	5.5	4.6	3.8	3.5	1.5	1.2	2.7	6.8	7.0	6.8	5.0	0.8	4.0	4.9	6.6	6.5	5.0	2.8	3.2	0.8	7.0	4.5
27	5.0	5.9	4.4	4.4	4.1	5.6	6.1	8.7	6.7	4.4	4.6	5.0	8.0	8.4	9.5	8.7	6.5	9.4	13.2	12.7	13.4	9.0	9.4	7.9	4.1	13.4	7.5
28	5.9	5.9	6.3	6.8	7.2	6.5	6.0	6.0	8.1	4.4	2.9	4.7	7.8	6.7	6.2	6.9	7.4	8.2	6.5	4.9	4.9	4.9	5.1	5.7	2.9	8.2	6.1
29	5.0	4.2	3.9	2.9	4.6	3.0	2.1	2.1	1.5	1.2	3.1	5.8	5.6	4.6	3.5	2.0	2.4	1.5	3.2	3.4	4.8	3.8	4.4	4.5	1.2	5.8	3.5
30	4.6	4.4	4.9	5.2	5.4	5.1	5.0	4.1	1.5	1.3	4.6	8.1	7.1	7.0	5.6	5.1	5.3	3.1	3.2	1.9	2.7	3.7	3.8	4.9	1.3	8.1	4.5
Min	2.5	4.2	3.9	2.9	2.5	2.3	2.1	2.0	1.5	1.2	1.2	1.9	2.1	1.8	1.5	1.9	0.8	0.8	1.3	1.9	2.7	3.5	2.8	2.5	0.8		
Max	19.7	20.7	17.0	13.2	14.1	13.0	13.7	13.9	10.3	8.2	8.0	10.0	12.9	15.1	16.0	11.3	12.2	15.7	18.2	20.9	18.9	15.9	17.2	18.4		20.9	
Avg	8.9	8.5	7.8	7.3	7.2	6.2	5.9	5.4	4.6	3.7	3.7	4.3	5.1	5.6	6.0	6.1	6.2	6.4	7.5	9.0	9.6	8.9	8.9	8.8			6.7

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 1.0

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

Site: Palm Desert (data subject to change)
 Month: September
 Year: 2005
 Time Zone: PST

Validation Level: B
 Printout Date: 10-04-2005
 Printout Time: 08:25:58
 Output File Name: PDTB0905.10

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	306	296	299	297	292	289	274	284	234	129	118	126	140	152	157	180	331	324	326	327	322	307	308	297	[WNW]
2	285	293	281	296	196	261	285	277	275	211	151	131	139	148	128	130	135	156	324	323	336	303	283	260	[WNW]
3	264	259	264	265	267	72	11	134	147	131	133	192	131	124	132	139	153	240	282	357	320	300	111	345	[SE]
4	270	268	291	298	281	293	288	279	272	170	148	171	155	167	159	220	293	307	318	324	333	316	310	318	[NW]
5	312	306	306	262	275	267	252	265	247	199	148	150	143	163	157	158	190	312	317	332	326	317	311	307	[NW]
6	307	310	286	276	250	247	259	247	244	234	215	173	160	166	148	135	133	250	308	321	317	302	311	312	[NW]
7	291	269	288	275	265	252	299	226	226	287	349	151	153	165	219	247	312	312	306	321	333	318	308	309	[NW]
8	298	299	299	310	312	299	301	312	325	348	148	314	326	316	317	313	307	303	324	329	327	323	317	308	[NW]
9	306	306	295	318	317	282	322	311	250	305	323	326	328	325	325	324	327	329	335	326	324	318	315	319	[NW]
10	314	316	313	308	313	306	259	235	269	273	185	234	240	29	343	331	322	325	327	322	319	315	313	318	[NW]
11	321	321	318	323	320	317	312	278	262	272	296	249	250	315	318	324	316	322	332	330	321	325	320	317	[NW]
12	322	278	307	310	313	310	299	301	271	151	251	239	256	309	318	315	319	318	321	320	324	323	318	315	[NW]
13	314	312	307	312	315	304	290	246	261	299	302	276	281	318	322	318	317	318	322	328	319	313	317	317	[NW]
14	317	315	315	314	316	295	313	303	310	308	311	307	222	240	216	199	291	323	318	309	314	313	303	293	[NW]
15	296	272	284	288	277	273	270	279	277	256	142	140	142	140	141	140	142	119	23	339	327	324	323	310	[SE]
16	294	315	316	309	307	323	316	312	298	315	245	255	159	325	335	324	321	318	319	321	325	321	317	317	[NW]
17	309	308	306	299	304	297	282	283	259	228	221	195	153	141	160	130	144	9	328	318	323	326	311	299	[NW]
18	311	311	296	293	283	287	260	245	208	108	146	137	146	145	146	147	155	159	251	332	316	317	296	288	[WNW]
19	278	273	278	280	260	261	298	286	224	138	130	137	146	144	149	114	90	164	255	304	305	289	299	289	[W]
20	270	271	301	286	282	292	284	290	291	284	292	296	283	303	309	308	308	286	279	287	294	309	295	283	[WNW]
21	292	303	311	301	289	292	296	287	278	304	240	219	153	170	185	138	201	309	310	324	297	300	296	300	[WNW]
22	305	305	291	298	297	291	285	290	284	262	233	279	209	193	163	222	218	249	325	323	320	319	322	305	[NW]
23	309	303	306	304	298	293	290	266	243	223	252	156	187	135	10	353	326	312	347	357	326	327	329	331	[NNW]
24	342	332	336	265	315	307	323	317	312	205	213	271	250	268	301	255	318	323	328	309	308	309	306	298	[NW]
25	308	305	284	281	270	254	283	240	194	213	244	228	178	109	112	116	129	167	300	276	280	290	280	268	[W]
26	272	277	274	274	276	277	281	283	266	255	232	155	133	138	132	141	211	313	311	309	318	313	298	295	[W]
27	319	315	287	307	299	302	307	326	345	354	137	66	330	313	325	321	320	330	320	323	317	288	297	300	[NW]
28	299	289	296	308	284	280	294	309	335	328	306	242	344	349	344	343	350	343	325	290	279	273	276	276	[WNW]
29	298	304	319	293	251	304	9	311	258	243	213	223	233	189	156	218	198	187	320	356	261	264	272	271	[W]
30	268	262	268	270	267	265	266	276	234	149	130	130	126	136	139	118	114	57	341	294	263	313	309	301	[W]

Prev [NW] [NW] [WNW] [WNW] [NW] [WNW] [WNW] [WNW] [W] [WNW] [SE] [SE] [SE] [SE] [SSE] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW]

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Missing Data Codes

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- 940 Calibration
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- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
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- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.0

Validation Level: B
Printout Date: 10-04-2005
Printout Time: 08:25:58
Output File Name: PDTB0905.10t

Processed using: TABLE.EXE version 1.0

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

Site: Palm Desert (data subject to change)
Month: September
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 10-04-2005
Printout Time: 08:25:59
Output File Name: PDTB0905.11

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	18.1	17.6	17.7	16.8	15.7	16.0	14.6	19.8	38.2	18.9	18.2	20.8	24.1	20.8	26.6	46.8	54.3	16.5	14.3	14.2	15.6	18.6	18.4	16.5	14.2	54.3	21.6
2	16.3	19.4	16.0	17.1	51.6	17.1	9.7	13.9	27.4	53.5	34.9	20.5	20.5	16.6	21.4	17.1	14.2	14.4	44.5	14.6	14.3	16.0	14.5	23.2	9.7	53.5	22.0
3	12.0	12.6	11.4	11.1	39.5	19.0	44.8	48.6	15.0	23.9	43.8	29.9	32.6	27.8	24.5	20.0	23.9	19.7	24.4	19.8	16.5	39.2	16.7	45.8	11.1	48.6	25.9
4	55.8	11.5	12.2	14.3	14.1	14.3	14.2	16.0	18.7	37.6	47.7	60.3	37.7	35.5	59.0	15.7	22.7	26.1	16.2	15.5	17.8	16.1	17.3	15.0	11.5	60.3	25.5
5	17.3	18.7	18.1	21.9	24.8	15.7	16.9	30.1	19.7	20.0	17.4	19.4	21.4	33.6	41.1	23.5	32.0	18.4	16.9	13.5	14.2	14.6	17.0	18.3	13.5	41.1	21.0
6	18.0	17.6	18.8	20.9	19.3	10.5	13.4	13.5	12.1	19.5	20.9	25.5	29.9	26.5	21.1	17.4	12.8	22.5	14.7	14.8	15.3	21.2	16.9	19.6	10.5	29.9	18.4
7	26.3	16.8	19.2	17.6	17.5	11.9	21.7	23.9	25.9	24.1	67.0	47.1	45.8	45.7	54.1	39.4	20.2	16.5	16.2	14.9	14.6	16.3	18.4	18.9	11.9	67.0	26.7
8	18.3	18.4	16.8	18.0	16.9	18.9	18.9	18.5	16.6	40.1	38.3	52.8	23.0	23.5	20.9	23.8	20.0	20.3	17.1	14.0	14.2	14.1	14.8	17.3	14.0	52.8	21.5
9	18.9	19.7	20.9	17.3	18.6	33.2	17.6	22.5	44.8	42.0	24.0	19.2	17.2	17.0	17.4	17.7	16.5	17.1	16.0	14.0	13.8	14.1	16.2	15.4	13.8	44.8	20.5
10	15.7	15.1	16.0	17.1	15.5	18.8	17.9	25.1	38.4	55.2	54.4	54.8	66.0	45.2	32.1	19.3	16.4	14.8	14.1	14.7	15.0	15.5	16.8	15.1	14.1	66.0	26.2
11	14.9	15.0	15.1	15.1	15.1	15.2	17.7	19.6	21.9	28.7	41.9	48.7	55.8	47.7	31.2	20.4	19.9	14.1	16.5	14.4	15.1	14.9	14.9	15.7	14.1	55.8	22.9
12	15.1	47.0	18.1	17.8	16.9	16.9	18.1	19.5	25.6	52.9	48.9	50.8	32.8	28.8	24.5	23.7	17.5	15.6	14.6	15.1	14.4	14.2	14.1	15.0	14.1	52.9	24.1
13	15.1	16.2	18.3	16.8	15.4	18.9	20.3	24.2	26.8	23.0	27.8	54.6	46.3	29.5	21.4	17.2	15.4	14.4	15.0	14.9	14.6	16.3	15.3	14.8	14.4	54.6	21.4
14	14.7	14.4	15.3	17.2	15.4	16.8	18.7	20.6	19.8	21.7	28.5	33.3	52.2	60.0	56.6	53.1	30.4	14.3	15.6	16.0	16.4	16.9	19.0	16.4	14.3	60.0	25.1
15	19.1	16.4	15.2	13.7	13.2	12.9	13.6	15.0	17.3	35.0	23.8	18.5	16.7	17.5	15.4	15.4	11.4	13.1	22.6	16.1	14.4	16.3	15.7	17.7	11.4	35.0	16.9
16	17.3	16.7	17.3	17.6	21.7	15.2	15.9	16.6	17.2	22.7	51.7	54.8	70.3	59.0	44.0	24.2	15.8	15.2	14.6	14.4	14.0	14.5	15.3	15.4	14.0	70.3	25.1
17	17.5	17.8	18.0	17.9	18.7	18.0	16.5	20.4	20.5	29.3	39.0	34.2	28.1	22.4	31.8	28.4	17.5	33.1	20.2	15.5	15.1	15.1	17.5	20.0	15.1	39.0	22.2
18	18.5	19.5	22.9	16.8	15.7	17.8	26.6	26.8	60.9	38.4	26.2	34.4	33.6	28.7	24.3	26.9	14.2	7.3	30.9	11.2	15.3	15.9	16.0	13.6	7.3	60.9	23.4
19	15.2	11.9	13.2	13.5	13.2	17.8	13.5	12.6	31.2	28.8	18.7	27.0	39.9	26.6	16.6	15.4	16.4	25.1	5.9	11.4	14.6	16.9	19.8	19.8	5.9	39.9	18.5
20	16.9	43.5	39.3	14.1	14.8	17.4	14.6	16.1	16.2	15.2	17.8	21.1	17.4	19.3	17.9	18.1	16.6	14.9	14.2	15.9	15.8	18.8	16.7	16.5	14.1	43.5	18.7
21	17.1	18.7	17.2	18.0	15.9	14.9	16.0	14.1	19.2	23.8	27.2	39.1	26.7	28.2	44.4	27.7	32.6	18.1	14.7	14.4	16.0	16.1	15.9	16.8	14.1	44.4	21.4
22	18.1	18.3	14.8	16.9	16.5	15.2	14.5	16.3	17.3	31.2	46.8	50.0	42.0	44.1	56.9	43.3	16.0	32.0	11.7	14.3	14.7	14.3	14.6	18.6	11.7	56.9	24.9
23	17.9	19.9	19.3	19.4	18.4	15.7	17.7	17.7	20.7	18.2	28.4	43.3	62.4	41.9	33.4	21.7	23.2	18.1	25.6	28.5	14.6	15.5	18.9	15.5	14.6	62.4	24.0
24	17.7	16.4	16.3	25.9	19.6	23.2	17.0	17.9	25.2	30.8	38.6	20.5	42.4	31.6	59.0	46.1	15.8	15.8	15.0	18.1	17.8	18.2	17.0	19.7	15.0	59.0	24.4
25	19.4	19.5	16.9	14.1	14.7	22.4	19.5	28.5	19.7	22.8	47.1	27.6	37.2	52.6	27.0	22.0	12.7	54.8	21.6	7.9	8.6	11.2	10.8	12.1	7.9	54.8	23.0
26	10.1	11.4	11.4	10.1	10.4	9.3	12.3	16.3	15.7	39.7	38.7	40.1	23.8	20.0	18.1	16.6	39.6	15.3	18.5	16.2	15.2	17.7	28.0	22.0	9.3	40.1	19.9
27	16.8	18.3	17.8	25.5	17.8	18.7	20.0	17.0	21.0	35.7	26.3	50.1	26.5	21.4	18.3	17.3	17.4	14.9	14.9	14.2	15.3	15.2	16.6	18.7	14.2	50.1	20.7
28	19.4	15.6	13.1	19.2	16.3	14.6	14.8	18.3	17.8	29.5	46.2	41.1	33.7	28.8	27.6	24.4	21.5	16.6	13.0	12.4	11.8	9.5	14.6	13.8	9.5	46.2	20.6
29	16.1	37.8	30.8	22.4	14.4	40.2	38.3	31.2	28.5	26.8	46.9	26.5	22.5	31.3	29.2	24.7	12.7	4.1	25.9	25.6	10.5	15.5	15.9	11.8	4.1	46.9	24.6
30	11.4	11.6	11.4	12.4	12.1	12.0	13.0	16.9	24.3	38.5	19.5	14.4	16.8	17.4	15.6	14.5	13.5	22.1	24.0	26.5	19.5	13.3	13.4	18.0	11.4	38.5	17.2
Min	10.1	11.4	11.4	10.1	10.4	9.3	9.7	12.6	12.1	15.2	17.4	14.4	16.7	16.6	15.4	14.5	11.4	4.1	5.9	7.9	8.6	9.5	10.8	11.8	4.1		
Max	55.8	47.0	39.3	25.9	51.6	40.2	44.8	48.6	60.9	55.2	67.0	60.3	70.3	60.0	59.0	53.1	54.3	54.8	44.5	28.5	19.5	39.2	28.0	45.8		70.3	
Avg	18.2	19.1	17.6	17.2	18.3	17.6	18.3	20.6	24.1	30.9	35.2	36.0	34.8	31.6	31.0	24.7	20.4	18.8	18.3	15.8	14.8	16.4	16.6	17.9			22.3

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 1.0

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

Site: Palm Desert (data subject to change)
Month: September
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 10-04-2005
Printout Time: 08:26:03
Output File Name: PDTB0905.17

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	21.5	20.0	21.0	19.5	15.3	15.6	11.8	11.2	6.9	14.5	13.2	11.0	9.5	11.8	10.7	7.2	5.8	15.3	17.5	20.2	18.0	20.9	21.3	21.7	5.8	21.7	15.1
2	19.1	16.6	11.0	10.8	9.0	5.6	8.9	8.8	5.4	5.4	10.4	14.5	17.3	16.7	13.7	13.9	10.7	7.3	16.0	11.3	13.5	9.6	9.5	8.0	5.4	19.1	11.4
3	9.6	8.4	8.3	9.2	8.5	7.6	6.3	10.9	14.3	12.7	11.5	9.6	11.8	10.3	12.5	11.3	11.5	14.9	9.9	20.8	11.3	10.1	11.7	7.2	6.3	20.8	10.8
4	8.8	9.4	11.1	13.0	12.5	11.5	10.7	9.8	6.3	9.6	10.1	7.8	11.2	9.4	15.3	17.2	15.9	15.3	14.0	19.3	16.4	15.4	17.2	19.7	6.3	19.7	12.8
5	21.2	19.4	18.8	8.8	8.3	6.7	7.8	6.5	6.1	7.6	10.3	11.4	11.3	9.6	10.7	8.7	13.3	14.5	14.8	20.7	21.0	27.5	24.8	21.5	6.1	27.5	13.8
6	22.6	20.5	18.1	10.3	7.4	7.3	7.8	7.4	6.7	7.2	7.1	10.9	9.6	8.5	13.3	11.6	9.9	7.2	14.3	16.9	19.8	18.2	18.7	16.7	6.7	22.6	12.4
7	14.8	13.4	11.9	11.8	9.4	8.0	10.8	7.1	5.9	10.8	6.3	10.0	10.0	9.8	7.9	15.6	13.0	14.2	13.3	16.1	18.1	20.2	19.7	19.8	5.9	20.2	12.4
8	20.0	19.7	16.7	25.0	24.1	18.1	16.7	18.8	15.8	13.6	6.9	10.4	17.2	17.5	17.6	21.9	20.3	21.5	19.5	21.4	21.3	20.0	27.3	25.3	6.9	27.3	19.0
9	18.5	21.7	18.4	23.9	20.8	13.3	20.0	15.5	7.2	11.5	16.4	19.2	28.7	28.6	34.1	26.0	24.0	23.4	38.0	38.4	37.3	29.8	25.1	22.9	7.2	38.4	23.4
10	27.7	33.2	27.2	26.5	27.0	18.2	5.5	5.6	8.2	6.9	7.8	5.8	6.8	14.8	19.7	18.9	20.5	20.2	22.7	27.3	29.7	25.2	18.8	15.5	5.5	33.2	18.3
11	16.7	14.5	18.0	18.4	15.6	15.6	13.7	11.8	8.5	8.5	7.4	7.8	8.2	16.0	15.4	19.7	17.0	18.2	26.1	24.0	21.3	22.1	22.4	26.5	7.4	26.5	16.4
12	24.7	19.2	18.5	23.5	24.1	25.3	19.0	18.8	7.3	6.1	6.1	8.6	8.0	13.7	18.0	14.2	14.3	18.3	23.1	23.2	22.4	23.8	31.7	30.8	6.1	31.7	18.5
13	30.7	28.6	26.0	26.5	24.5	18.9	17.9	8.5	11.3	12.9	12.6	8.1	14.8	19.8	16.6	22.6	22.1	28.9	25.1	25.0	28.3	26.4	28.6	34.4	8.1	34.4	21.6
14	37.0	36.1	29.5	24.5	20.1	17.7	15.0	21.4	19.7	14.6	11.9	11.6	8.3	5.8	7.2	6.4	13.6	15.8	17.1	17.0	17.3	17.5	16.4	14.0	5.8	37.0	17.3
15	14.2	10.7	10.7	13.7	9.3	11.1	10.2	12.3	12.2	8.1	10.0	14.2	17.9	15.0	15.3	14.3	12.5	8.6	12.4	15.3	16.0	17.8	19.7	22.3	8.1	22.3	13.5
16	22.9	27.8	17.2	19.3	17.2	18.0	28.1	27.0	25.4	12.6	6.7	6.1	6.6	11.0	12.7	14.6	18.2	18.0	18.4	18.5	24.1	24.7	27.5	26.7	6.1	28.1	18.7
17	24.1	24.8	25.6	22.2	23.5	17.6	9.8	9.0	5.8	5.4	7.8	10.8	12.1	10.7	9.7	8.0	7.4	13.4	16.4	17.5	19.1	20.1	20.5	19.6	5.4	25.6	15.0
18	19.4	19.4	11.6	12.2	9.7	14.2	10.8	5.0	4.9	10.6	8.6	9.1	9.9	10.6	10.5	8.4	10.9	5.4	3.5	10.7	16.3	13.4	14.1	15.3	3.5	19.4	11.0
19	10.9	9.3	10.0	11.5	8.9	6.7	6.3	5.1	4.4	8.5	11.1	9.8	10.5	15.0	16.1	13.8	7.4	5.7	3.6	9.6	9.9	10.0	15.1	15.5	3.6	16.1	9.8
20	15.4	11.1	10.9	13.7	14.0	18.1	15.6	15.7	13.2	15.3	16.2	15.6	13.7	17.2	18.6	17.9	17.1	13.4	13.6	14.2	12.9	17.2	14.2	11.0	10.9	18.6	14.8
21	18.3	16.5	19.0	16.1	13.4	17.1	14.8	14.6	11.9	10.2	7.8	9.4	9.8	10.5	9.2	9.9	12.9	15.6	15.3	20.2	20.6	16.3	15.4	15.5	7.8	20.6	14.2
22	16.3	19.1	16.5	16.5	19.4	17.2	15.8	12.7	11.4	7.5	6.7	6.7	8.8	9.9	9.1	7.9	4.2	9.5	16.8	20.5	24.3	22.0	21.0	19.0	4.2	24.3	14.1
23	20.9	17.5	21.9	21.9	18.7	15.9	16.0	14.9	8.2	8.6	7.1	7.6	8.7	8.4	21.5	17.8	17.8	11.7	13.9	21.5	23.2	25.2	24.4	22.8	7.1	25.2	16.5
24	22.0	29.7	25.6	9.5	18.5	15.9	19.7	20.1	20.0	12.4	7.2	5.7	6.4	6.6	5.6	19.5	20.8	22.1	22.4	23.4	21.0	20.8	19.1	20.4	5.6	29.7	17.3
25	19.4	15.7	12.6	12.1	10.4	8.1	7.8	4.7	5.0	4.4	5.2	4.2	9.4	9.8	10.8	10.2	9.9	5.1	4.0	7.2	7.3	8.9	9.4	8.4	4.0	19.4	8.8
26	8.2	9.9	11.5	8.3	8.0	9.3	8.3	8.3	9.0	3.7	3.2	8.0	16.7	15.1	12.4	10.7	3.1	10.9	10.0	15.1	13.7	10.7	8.0	9.4	3.1	16.7	9.6
27	11.0	13.7	11.7	15.2	9.7	14.0	14.3	19.7	13.9	14.8	11.5	18.3	21.5	21.0	19.6	19.4	14.5	22.8	23.0	24.5	24.5	16.5	17.6	14.8	9.7	24.5	17.0
28	12.6	13.3	11.9	18.0	19.1	13.4	13.8	16.5	15.9	10.7	11.9	11.3	25.6	19.4	15.8	16.2	17.5	18.3	15.9	9.1	8.9	7.8	8.8	9.9	7.8	25.6	14.2
29	9.9	11.2	11.1	8.0	8.8	8.0	7.0	4.3	3.7	4.0	9.1	12.6	11.7	10.5	8.3	5.3	4.9	2.6	5.6	6.7	8.2	7.4	8.3	7.8	2.6	12.6	7.7
30	7.7	8.1	8.6	11.6	9.5	8.3	10.4	9.9	5.1	5.6	10.0	14.0	14.1	12.1	10.2	12.2	10.7	6.0	5.8	5.0	5.8	8.7	9.3	13.4	5.0	14.1	9.3
Min	7.7	8.1	8.3	8.0	7.4	5.6	5.5	4.3	3.7	3.7	3.2	4.2	6.4	5.8	5.6	5.3	3.1	2.6	3.5	5.0	5.8	7.4	8.0	7.2	2.6		
Max	37.0	36.1	29.5	26.5	27.0	25.3	28.1	27.0	25.4	15.3	16.4	19.2	28.7	28.6	34.1	26.0	24.0	28.9	38.0	38.4	37.3	29.8	31.7	34.4		38.4	
Avg	18.2	17.9	16.4	16.0	14.8	13.4	12.7	12.1	10.0	9.5	9.3	10.3	12.5	13.2	13.9	14.0	13.4	14.1	15.7	18.0	18.4	17.8	18.2	17.9			14.5

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 1.0

Variable: Battery Voltage
Units: volts
Channel: 7

Site: Palm Desert (data subject to change)
Month: September
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 10-04-2005
Printout Time: 08:25:55
Output File Name: PDTB0905.7

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

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 1.0