

Palm Desert Meteorological Data

April 2006

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 9

Site: Palm Desert (data subject to change)
Month: April
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 05-05-2006
Printout Time: 08:43:23
Output File Name: PDTB0406.9

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	7.9	8.8	7.3	12.6	11.9	9.1	5.2	4.3	3.6	4.5	4.4	5.4	4.0	6.9	3.7	4.6	8.6	10.1	9.3	9.7	12.3	11.3	10.1	9.7	3.6	12.6	7.7
2	9.9	5.3	3.4	9.7	12.9	10.6	8.6	6.8	4.0	2.6	3.5	4.4	5.3	5.6	8.1	7.4	5.2	4.1	2.4	2.7	1.9	1.3	3.2	4.0	1.3	12.9	5.5
3	3.8	3.4	2.9	4.4	3.9	3.0	1.9	3.2	3.0	3.1	4.1	2.1	1.9	6.7	8.4	7.8	6.6	4.6	4.9	6.6	7.2	5.6	2.5	1.9	1.9	8.4	4.3
4	1.6	2.8	4.8	2.8	4.0	4.8	2.4	3.4	4.0	7.9	10.9	10.5	5.6	3.4	3.5	11.3	15.2	11.4	9.5	12.5	6.3	2.4	5.1	6.0	1.6	15.2	6.3
5	5.6	6.1	7.5	7.6	7.3	5.0	5.4	5.6	5.8	3.4	5.7	8.3	11.5	6.0	8.8	13.8	12.2	7.6	10.6	13.2	7.5	6.4	3.4	2.7	2.7	13.8	7.4
6	4.1	2.4	3.9	7.6	8.0	6.3	7.1	7.9	5.5	3.1	3.5	3.8	3.6	3.6	3.2	4.1	2.4	4.5	7.1	8.0	9.8	8.4	7.8	7.4	2.4	9.8	5.6
7	6.8	5.0	5.8	4.8	5.0	5.5	4.9	4.2	1.9	3.2	5.5	4.9	6.8	6.9	6.2	4.5	6.0	10.8	10.1	11.3	10.8	10.0	9.3	10.7	1.9	11.3	6.7
8	12.0	12.4	10.5	7.0	8.2	8.4	6.8	8.0	6.1	3.2	3.1	2.7	3.4	3.7	6.9	9.8	10.6	11.6	10.3	10.6	13.1	13.7	11.8	11.0	2.7	13.7	8.5
9	10.9	9.6	5.6	5.2	5.0	5.5	5.8	4.4	5.0	3.9	3.0	3.0	7.6	8.3	11.8	13.8	12.7	12.0	13.4	13.8	15.4	9.9	10.1	12.0	3.0	15.4	8.7
10	9.8	8.4	5.0	2.6	4.1	4.0	4.6	4.3	3.5	2.4	3.0	3.9	3.2	4.1	6.2	10.8	7.3	6.7	6.2	7.1	5.4	6.0	7.6	6.8	2.4	10.8	5.5
11	5.8	6.0	11.0	9.1	7.5	8.5	7.6	5.3	3.3	2.6	3.3	4.0	4.2	2.7	3.8	3.5	3.5	2.9	3.0	2.7	2.5	5.0	5.6	6.0	2.5	11.0	5.0
12	5.2	5.2	5.5	4.9	4.9	4.7	3.9	4.0	1.9	3.7	5.8	5.1	9.4	10.9	8.3	7.3	5.2	3.4	2.6	1.9	2.6	4.3	3.7	4.8	1.9	10.9	5.0
13	4.9	5.3	5.4	3.9	5.9	5.6	3.9	3.6	2.6	1.6	2.4	2.8	6.4	10.3	11.1	9.9	9.9	5.7	4.0	3.0	3.7	4.2	3.3	5.6	1.6	11.1	5.2
14	5.2	4.9	9.8	7.7	7.2	4.1	4.1	6.2	10.1	7.8	12.0	13.0	14.4	9.6	11.5	5.0	5.5	3.5	3.5	3.6	3.6	2.7	4.0	4.1	2.7	14.4	6.8
15	4.1	7.1	5.0	6.0	3.2	3.1	2.8	4.5	5.1	3.6	5.0	6.4	5.1	4.5	7.7	13.7	16.4	17.4	16.1	14.0	13.8	15.4	10.1	10.1	2.8	17.4	8.4
16	11.6	12.1	12.8	9.2	10.6	9.9	8.9	8.0	9.6	7.5	4.8	3.0	5.7	5.7	10.2	10.9	11.2	10.3	9.9	9.3	10.0	7.9	10.3	8.1	3.0	12.8	9.1
17	14.9	10.0	12.2	12.7	13.9	12.3	11.3	10.9	11.9	19.7	19.9	18.0	13.6	11.5	10.9	12.5	12.7	12.0	11.9	13.8	10.1	11.6	10.6	10.3	10.0	19.9	12.9
18	8.7	6.1	6.6	5.7	5.6	4.3	6.7	6.0	3.2	2.6	2.7	4.1	4.3	5.0	5.2	4.7	5.3	3.5	3.3	3.4	4.7	5.6	6.7	6.5	2.6	8.7	5.0
19	6.2	6.6	7.9	7.4	5.8	5.2	3.9	4.6	4.3	3.5	3.2	3.5	3.7	4.0	2.8	2.7	3.3	3.5	5.4	9.8	10.2	9.7	9.8	9.4	2.7	10.2	5.7
20	11.0	10.5	9.1	6.1	4.1	5.3	5.9	5.5	4.0	1.8	3.9	6.0	7.2	8.1	6.8	7.8	7.5	5.4	5.8	7.9	6.9	6.9	5.6	5.7	1.8	11.0	6.4
21	6.7	5.1	4.4	5.3	3.3	3.6	2.1	3.9	5.2	5.6	5.5	9.1	5.6	2.8	2.1	7.4	13.4	11.4	13.2	12.8	11.0	10.1	9.0	11.7	2.1	13.4	7.1
22	11.0	8.5	10.0	7.2	3.9	6.1	7.7	10.3	11.3	10.4	11.2	12.1	15.4	14.8	11.4	11.0	10.1	9.6	7.8	8.4	5.5	4.5	5.7	5.4	3.9	15.4	9.1
23	3.6	6.6	9.7	7.0	6.9	5.9	7.5	4.0	6.1	3.5	3.6	7.3	7.3	10.4	11.1	13.8	14.8	13.4	12.4	11.4	12.0	13.6	13.3	12.8	3.5	14.8	9.1
24	8.6	13.1	12.0	10.0	9.5	14.3	15.3	11.8	9.2	6.0	3.2	4.4	3.5	3.1	2.6	4.4	6.6	7.9	10.4	12.3	11.5	13.4	11.7	10.8	2.6	15.3	9.0
25	9.9	9.8	11.3	10.9	9.8	7.2	9.5	8.5	7.0	5.1	3.4	5.8	7.0	7.1	7.3	10.4	15.2	13.6	12.6	10.8	11.1	11.2	10.4	12.6	3.4	15.2	9.5
26	9.3	6.4	5.5	9.1	8.8	6.0	8.5	11.2	9.3	10.9	11.1	11.7	10.0	10.1	14.8	17.0	16.8	15.4	13.0	12.3	12.1	10.9	10.5	9.9	5.5	17.0	10.9
27	9.8	9.5	9.5	7.3	6.8	6.2	5.8	10.4	9.3	3.7	2.9	3.9	4.0	4.5	4.6	4.9	7.6	8.6	13.0	12.6	14.0	8.0	4.3	3.9	2.9	14.0	7.3
28	2.2	2.4	5.6	12.2	12.9	6.9	4.7	3.7	3.4	7.1	4.0	3.7	3.1	2.4	4.3	8.4	10.7	9.7	9.5	10.8	8.5	7.6	7.7	10.2	2.2	12.9	6.7
29	7.8	9.4	7.2	5.7	2.0	2.7	2.1	2.3	2.0	2.1	2.6	3.3	4.5	4.3	4.6	5.4	4.9	4.4	4.1	2.4	4.7	5.5	4.6	4.7	2.0	9.4	4.3
30	3.4	5.4	7.6	8.5	8.6	7.3	7.2	5.1	2.5	3.4	4.3	4.4	5.0	4.6	5.5	4.3	4.1	5.2	7.4	7.5	7.6	7.6	8.4	10.3	2.5	10.3	6.1
Min	1.6	2.4	2.9	2.6	2.0	2.7	1.9	2.3	1.9	1.6	2.4	2.1	1.9	2.4	2.1	2.7	2.4	2.9	2.4	1.9	1.9	1.3	2.5	1.9	1.3		
Max	14.9	13.1	12.8	12.7	13.9	14.3	15.3	11.8	11.9	19.7	19.9	18.0	15.4	14.8	14.8	17.0	16.8	17.4	16.1	14.0	15.4	15.4	13.3	12.8		19.9	
Avg	7.4	7.1	7.5	7.3	7.1	6.4	6.1	6.1	5.5	5.0	5.4	6.0	6.4	6.4	7.1	8.4	9.0	8.3	8.4	8.9	8.5	8.0	7.5	7.8			7.2

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: April
 Year: 2006
 Time Zone: PST

Validation Level: B
 Printout Date: 05-05-2006
 Printout Time: 08:43:23
 Output File Name: PDTB0406.10

Day	Hour Ending																								Prev
	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	300	301	305	317	323	336	342	325	282	336	338	341	12	327	282	355	332	320	310	310	324	322	321	328	[NW]
2	317	309	291	307	310	310	306	288	259	248	164	128	123	137	126	127	131	120	87	104	94	216	311	275	[NW]
3	285	306	282	285	284	245	281	278	245	196	192	276	209	338	323	325	344	335	326	341	331	331	297	257	[NNW]
4	163	61	44	86	355	297	274	336	338	195	192	192	175	164	204	236	236	248	258	223	180	323	250	348	[SSW]
5	330	312	332	339	334	336	1	310	277	324	205	219	336	306	232	250	247	254	329	332	9	338	182	188	[NNW]
6	279	281	303	305	305	299	304	310	299	271	210	233	201	245	220	302	280	317	320	318	323	314	308	306	[NW]
7	298	269	284	276	271	275	273	287	260	141	132	143	154	141	132	123	18	318	320	324	320	320	319	315	[NW]
8	313	312	306	288	298	295	297	294	290	277	242	199	153	335	332	327	320	315	318	322	329	316	320	314	[NW]
9	309	316	298	288	299	294	294	279	277	289	63	314	331	324	320	319	319	322	326	326	322	313	330	335	[NW]
10	323	327	280	310	322	277	275	210	176	338	201	161	71	121	332	288	301	316	326	333	347	333	331	327	[NNW]
11	302	344	319	315	305	309	312	283	273	285	232	181	103	247	157	179	176	157	141	330	340	314	298	295	[NW]
12	277	277	282	262	272	273	270	263	251	136	141	150	142	148	140	141	127	121	129	165	353	290	280	261	[W]
13	277	282	275	264	272	267	266	322	299	276	182	162	126	136	143	142	138	144	140	269	285	329	275	268	[W]
14	282	267	309	293	315	273	309	304	324	227	253	288	293	325	340	107	303	320	106	77	39	338	47	42	[NW]
15	358	2	329	339	190	150	348	336	323	310	335	315	330	311	314	326	327	323	322	319	317	318	309	309	[NW]
16	314	312	314	314	318	309	311	304	313	330	323	315	342	334	331	332	334	331	347	357	345	327	328	328	[NNW]
17	325	314	315	324	327	321	316	315	318	317	314	318	313	315	325	321	318	317	315	313	308	314	318	313	[NW]
18	309	295	284	281	290	289	230	268	192	207	334	296	293	272	241	242	239	259	269	293	276	284	282	286	[WNW]
19	283	290	292	292	306	303	291	309	306	279	234	114	139	335	315	301	241	312	336	330	317	313	303	307	[NW]
20	316	311	304	275	253	257	267	273	272	247	164	139	142	134	139	140	135	124	41	343	327	329	313	326	[SE]
21	316	286	251	259	281	268	288	191	131	111	119	124	148	184	256	356	317	313	324	323	334	333	333	324	[NW]
22	318	311	309	302	300	303	296	311	309	313	316	318	320	324	320	331	305	321	324	285	260	11	341	318	[NW]
23	356	357	331	321	347	322	308	297	342	346	292	316	302	317	325	319	319	319	323	322	321	319	320	313	[NW]
24	303	314	315	321	311	314	315	312	311	325	71	158	134	208	117	358	325	326	319	324	325	319	305	308	[NW]
25	302	305	312	306	300	300	310	305	301	305	140	157	149	137	128	14	320	323	324	324	324	326	319	321	[NW]
26	306	296	300	308	318	303	320	315	310	315	319	321	324	329	322	317	317	318	318	318	319	320	320	318	[NW]
27	312	319	327	316	297	301	330	322	311	246	351	46	148	338	337	9	316	292	320	315	322	208	127	276	[NW]
28	26	356	307	317	316	304	286	273	284	331	320	340	344	168	9	321	322	327	318	315	310	311	310	314	[NW]
29	302	315	314	317	292	266	198	276	257	280	178	173	126	132	130	128	137	123	115	66	355	334	307	308	[NW]
30	273	303	309	309	307	303	297	287	269	203	161	175	133	134	128	141	145	352	321	334	334	309	308	313	[NW]

Prev [NW] [NW] [NW] [NW] [NW] [WNW] [NW] [NW] [NW] [NW] [SSW] [NW] [SE] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW]

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Missing Data Codes

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- 950 Audit
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- 980 Power failure
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Processed using: TABLE.EXE version 1.2

Validation Level: B
Printout Date: 05-05-2006
Printout Time: 08:43:23
Output File Name: PDTB0406.10t

Processed using: TABLEFXE version 1.2

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

Site: Palm Desert (data subject to change)
 Month: April
 Year: 2006
 Time Zone: PST

Validation Level: B
 Printout Date: 05-05-2006
 Printout Time: 08:43:24
 Output File Name: PDTB0406.11

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	17.4	19.0	20.8	18.4	16.5	19.2	34.0	48.4	29.2	45.4	50.4	28.8	78.0	33.0	50.3	53.1	20.6	16.6	16.4	17.3	14.9	14.0	16.1	14.4	14.0	78.0	28.8
2	17.1	16.8	17.2	15.6	17.4	18.0	18.6	18.2	31.5	42.4	35.9	40.9	26.9	29.7	20.4	15.2	14.9	13.9	17.2	13.4	27.7	10.4	21.4	10.6	10.4	42.4	21.3
3	13.0	27.6	29.1	12.8	11.6	13.6	34.0	22.5	22.4	36.0	33.5	50.2	57.2	28.1	17.3	18.3	19.0	18.2	18.9	20.2	15.7	19.4	49.7	22.6	11.6	57.2	25.4
4	22.5	24.5	25.9	20.8	52.8	45.4	46.9	55.5	51.2	35.8	29.5	26.6	32.4	62.3	50.2	15.0	13.4	14.8	15.8	18.6	20.4	48.4	39.8	40.6	13.4	62.3	33.7
5	46.9	53.5	26.8	31.7	24.3	36.5	20.3	21.3	19.5	31.7	22.6	25.9	20.6	46.2	43.6	16.7	14.9	24.2	21.3	18.6	29.2	30.1	57.9	51.1	14.9	57.9	30.6
6	22.4	37.3	15.3	21.1	17.1	19.5	15.8	18.6	21.9	49.8	56.4	58.6	41.3	38.8	53.0	41.8	50.9	20.6	15.0	15.9	14.4	16.6	19.6	18.9	14.4	58.6	29.2
7	17.4	14.2	14.6	13.3	13.6	14.1	15.5	15.7	41.0	34.9	24.4	33.0	26.9	21.9	23.9	33.0	40.2	15.7	16.7	16.2	17.2	15.5	16.3	16.3	13.3	41.0	21.3
8	16.4	16.7	17.8	17.5	18.2	17.3	19.1	21.5	21.6	32.4	44.6	65.5	53.7	56.1	29.4	20.8	16.9	14.8	16.0	15.2	14.6	15.0	15.2	15.7	14.6	65.5	24.7
9	18.0	15.0	17.7	18.9	18.3	19.4	20.5	19.7	19.3	27.9	50.2	61.3	28.6	22.9	19.3	16.9	19.7	17.4	15.9	14.7	15.5	40.5	31.2	20.4	14.7	61.3	23.7
10	18.8	22.0	30.8	39.0	32.0	18.5	16.0	14.9	28.3	54.5	63.3	39.6	62.5	44.2	52.2	22.4	38.4	26.6	19.5	19.3	51.4	26.1	25.8	17.4	14.9	63.3	32.7
11	18.6	18.2	17.0	17.6	18.4	17.8	17.1	18.0	32.8	48.0	69.3	46.8	53.7	51.6	54.9	61.0	31.3	26.9	44.2	20.7	26.3	14.8	15.4	14.5	14.5	69.3	31.5
12	13.7	14.8	15.0	12.3	11.6	11.6	14.8	15.6	43.7	35.6	24.2	31.1	19.9	16.3	18.0	19.1	17.9	20.1	46.3	42.5	20.0	14.4	17.2	14.4	11.6	46.3	21.2
13	13.1	13.1	16.2	18.5	11.8	14.3	22.9	23.7	29.1	50.4	60.7	60.8	19.7	18.0	14.3	14.0	14.0	16.3	26.0	19.9	12.9	18.2	19.4	12.5	11.8	60.8	22.5
14	11.8	14.4	17.4	24.6	22.0	24.9	19.6	37.9	19.2	32.0	24.6	22.2	21.3	52.6	22.5	49.1	41.5	71.4	44.6	45.7	45.1	53.0	54.4	38.2	11.8	71.4	33.8
15	23.6	19.6	20.0	33.5	17.5	29.6	20.6	26.6	30.1	45.9	43.1	34.0	42.5	52.3	33.7	18.0	15.6	14.9	15.0	14.8	15.7	15.8	17.4	17.4	14.8	52.3	25.7
16	16.4	17.1	15.6	17.0	15.7	17.8	16.9	20.5	18.6	25.1	43.2	68.0	36.7	28.0	20.9	19.0	17.2	15.7	18.0	19.4	18.8	23.4	20.7	19.7	15.6	68.0	22.9
17	15.6	21.6	21.7	17.9	16.0	16.3	16.6	17.8	20.7	16.7	15.9	16.5	19.2	20.5	19.4	17.4	16.1	14.8	15.4	15.6	17.6	15.4	15.1	16.0	14.8	21.7	17.3
18	16.8	16.8	13.9	12.6	12.5	17.6	25.5	21.7	53.1	70.2	57.8	57.3	52.6	53.0	34.5	49.3	21.8	13.8	14.7	9.3	10.9	12.6	11.9	12.7	9.3	70.2	28.0
19	15.1	14.1	13.7	14.4	17.8	18.6	17.2	19.6	33.0	44.2	54.7	59.6	52.0	61.4	74.6	58.2	53.1	26.9	16.5	15.0	15.0	16.8	18.2	17.7	13.7	74.6	31.1
20	16.0	18.1	18.0	14.2	11.4	12.6	13.7	15.6	23.0	45.4	29.8	24.7	20.3	19.8	23.6	15.6	13.9	14.6	17.2	15.4	15.5	16.1	16.2	16.3	11.4	45.4	18.6
21	16.3	20.2	17.2	12.2	26.5	24.4	41.4	18.1	18.1	18.9	34.0	17.8	32.5	64.4	52.9	35.8	16.7	17.2	14.8	15.2	18.0	16.9	18.6	16.6	12.2	64.4	24.4
22	17.4	18.4	17.1	19.0	20.7	20.1	20.7	18.7	18.4	19.8	19.1	18.7	17.0	18.6	19.8	19.6	21.5	21.1	17.3	19.1	36.5	38.8	19.5	32.5	17.0	38.8	21.2
23	74.8	21.6	17.7	21.0	21.5	19.7	23.9	41.2	30.3	57.0	62.9	34.4	30.8	24.0	21.2	17.7	15.5	15.9	14.9	15.9	15.2	15.6	15.2	16.9	14.9	74.8	26.9
24	18.7	15.6	15.4	15.4	16.8	15.4	14.9	17.1	19.6	27.3	56.4	45.8	57.3	52.6	55.1	58.2	20.9	18.3	16.4	15.4	15.2	15.0	17.4	18.5	14.9	58.2	26.6
25	19.2	18.8	17.6	17.8	18.0	18.8	17.6	18.8	19.6	39.8	50.5	26.5	23.9	26.2	19.5	32.0	15.4	16.1	15.1	15.2	15.3	14.1	15.5	16.4	14.1	50.5	21.2
26	18.1	19.0	17.0	16.8	16.9	17.9	16.2	16.2	19.8	18.9	19.1	18.2	25.0	25.7	17.8	15.6	14.8	14.6	14.7	14.6	15.7	15.3	16.2	16.3	14.6	25.7	17.5
27	17.5	18.7	15.0	17.7	17.0	19.3	16.8	17.3	20.7	63.4	66.8	51.3	63.7	38.0	31.2	27.0	22.0	20.3	15.2	15.2	15.8	27.4	30.1	17.8	15.0	66.8	27.7
28	44.3	35.8	17.5	16.1	16.8	18.4	18.2	25.8	35.7	20.9	61.3	59.1	53.5	74.8	49.9	18.3	15.9	15.8	15.5	15.4	17.3	18.5	17.2	16.2	15.4	74.8	29.1
29	19.0	16.1	16.8	17.1	15.2	14.9	24.6	41.0	44.3	69.2	44.5	47.8	34.5	29.8	25.5	23.9	19.9	14.9	13.1	14.0	18.6	16.1	16.4	16.8	13.1	69.2	25.6
30	14.4	18.0	18.4	17.8	17.6	18.5	17.7	21.0	39.8	25.7	35.9	31.9	29.6	30.2	21.8	25.4	22.0	44.5	15.2	17.9	15.7	16.7	19.0	18.0	14.4	44.5	23.0
Min	11.8	13.1	13.7	12.2	11.4	11.6	13.7	14.9	18.1	16.7	15.9	16.5	17.0	16.3	14.3	14.0	13.4	13.8	13.1	9.3	10.9	10.4	11.9	10.6	9.3		
Max	74.8	53.5	30.8	39.0	52.8	45.4	46.9	55.5	53.1	70.2	69.3	68.0	78.0	74.8	74.6	61.0	53.1	71.4	46.3	45.7	51.4	53.0	57.9	51.1	78.0		
Avg	21.0	20.6	18.5	18.8	18.8	19.7	21.3	23.6	28.5	38.8	42.8	40.1	37.8	38.0	33.0	28.2	22.5	20.6	19.4	18.2	20.1	21.0	22.8	19.8			25.6

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

Site: Palm Desert (data subject to change)
Month: April
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 05-05-2006
Printout Time: 08:43:28
Output File Name: PDTB0406.17

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	17.5	19.1	22.7	26.2	23.5	21.5	14.5	10.7	10.1	13.1	10.7	15.9	12.8	16.4	12.4	14.8	19.8	20.3	18.6	19.7	24.6	22.8	20.2	17.6	10.1	26.2	17.7
2	20.1	11.5	7.2	22.2	25.0	23.2	19.4	18.6	10.2	7.2	7.0	10.8	12.6	13.0	16.2	13.7	8.7	8.3	4.7	6.6	6.3	3.2	5.9	7.0	3.2	25.0	12.0
3	7.7	8.8	8.6	8.3	6.2	6.1	4.5	7.3	6.5	8.3	9.8	6.4	4.8	19.0	15.9	16.1	15.2	12.4	13.7	14.5	14.0	12.9	5.4	5.2	4.5	19.0	9.9
4	4.9	6.0	9.2	7.4	11.1	11.5	7.3	11.6	12.2	22.3	24.6	23.5	16.9	11.3	10.2	28.6	30.1	22.1	21.8	27.6	18.6	5.8	17.9	15.2	4.9	30.1	15.7
5	15.6	17.4	16.8	21.1	19.1	13.2	11.4	11.4	12.9	9.7	16.3	22.2	24.6	21.7	27.7	27.7	23.4	18.1	31.1	34.8	22.6	19.6	10.4	6.7	6.7	34.8	19.0
6	8.5	5.0	8.2	21.9	18.0	13.7	18.0	18.9	12.8	8.8	10.7	10.1	8.8	9.0	8.5	10.4	8.3	12.2	13.4	18.3	19.5	15.6	17.8	15.4	5.0	21.9	13.0
7	13.9	12.4	10.8	9.6	9.2	11.1	9.8	8.2	5.3	9.1	12.0	12.8	14.3	13.4	14.3	11.5	15.3	19.4	19.7	22.1	20.5	20.0	19.4	22.2	5.3	22.2	14.0
8	23.9	21.8	22.1	17.2	17.8	17.5	15.3	17.0	18.3	8.3	8.6	8.2	9.4	11.3	13.7	20.5	21.1	21.9	21.0	20.2	23.7	24.2	23.2	19.7	8.2	24.2	17.7
9	22.1	19.9	14.5	12.8	11.8	15.1	16.1	9.9	10.8	8.8	8.0	9.1	15.9	18.7	22.6	25.4	24.8	23.8	29.2	28.6	28.4	31.4	28.1	27.8	8.0	31.4	19.3
10	25.0	21.3	19.4	7.1	12.9	11.3	10.8	7.8	7.8	7.3	7.6	9.8	10.2	12.9	18.0	22.6	19.4	17.1	13.9	16.5	14.5	14.9	19.9	12.9	7.1	25.0	14.2
11	14.1	13.1	23.9	20.5	18.4	16.4	16.7	11.0	8.9	7.6	10.4	11.0	10.3	8.8	10.7	10.2	8.2	5.8	6.0	8.5	4.8	11.3	11.2	11.6	4.8	23.9	11.6
12	9.9	10.2	11.0	8.9	8.7	7.7	8.0	8.0	6.4	9.2	13.1	13.1	18.6	19.0	16.1	13.5	11.9	6.4	7.2	7.3	5.4	7.5	6.3	9.1	5.4	19.0	10.1
13	8.6	10.2	10.5	8.0	10.2	10.1	7.4	8.5	5.6	4.6	7.5	11.3	15.0	19.0	18.6	17.7	17.8	13.7	11.2	6.7	6.4	8.3	6.3	10.3	4.6	19.0	10.6
14	8.9	9.0	23.6	20.2	18.0	14.3	8.7	16.9	21.3	30.8	25.1	29.4	29.7	36.3	29.6	12.9	22.2	11.8	14.7	12.7	10.0	10.2	11.0	11.3	8.7	36.3	18.3
15	10.2	14.7	11.9	16.8	9.0	6.3	7.2	14.0	10.7	11.0	16.3	19.5	18.3	14.5	22.4	26.0	28.6	31.2	31.1	25.3	26.2	28.7	22.8	20.8	6.3	31.2	18.5
16	20.5	25.9	24.7	17.5	22.5	23.5	18.0	18.7	20.7	16.8	13.4	9.0	13.4	15.4	19.1	22.0	20.1	19.1	20.0	18.8	25.4	24.5	26.2	25.2	9.0	26.2	20.0
17	28.1	24.6	25.3	27.3	26.8	27.5	23.1	20.1	27.6	38.0	35.2	31.9	27.5	21.3	21.5	23.7	23.7	21.3	23.8	26.5	27.1	20.3	19.4	18.6	18.6	38.0	25.4
18	16.8	12.2	13.1	10.2	9.1	9.6	15.3	15.4	15.4	8.6	8.7	12.3	11.1	14.9	14.2	11.0	10.6	8.4	7.2	6.0	7.6	9.5	11.0	12.0	6.0	16.8	11.3
19	12.3	11.9	13.5	13.6	12.1	9.8	8.4	9.7	9.7	10.0	9.9	13.4	9.7	9.6	9.1	8.2	8.8	8.9	12.6	20.1	20.0	19.7	21.5	20.5	8.2	21.5	12.6
20	21.0	21.5	17.5	14.8	7.2	8.6	9.4	11.5	8.4	4.7	10.8	13.0	14.8	16.1	13.9	14.5	14.1	10.6	13.7	15.7	13.8	14.7	13.1	12.1	4.7	21.5	13.1
21	14.2	12.2	7.6	8.3	7.5	6.6	6.4	7.4	9.5	10.7	15.5	16.6	13.4	17.5	5.1	22.0	24.4	24.5	25.0	22.9	21.0	20.6	19.9	26.3	5.1	26.3	15.2
22	24.5	20.6	21.3	18.1	12.6	16.8	17.8	20.8	25.4	20.8	21.8	23.5	27.2	31.0	26.1	22.3	22.1	20.0	16.1	20.5	15.1	12.9	13.7	14.8	12.6	31.0	20.2
23	15.6	18.5	21.9	17.5	16.1	16.3	20.9	12.1	14.7	11.8	10.4	25.1	19.9	23.2	22.7	26.3	27.2	23.5	23.7	24.1	22.0	27.3	23.8	26.8	10.4	27.3	20.5
24	21.3	24.2	22.6	18.4	19.7	26.5	28.4	23.9	19.4	14.7	9.1	12.3	14.1	8.6	8.1	15.0	13.8	15.7	21.8	22.1	20.8	23.5	27.2	21.6	8.1	28.4	18.9
25	21.5	20.2	24.1	22.7	20.0	16.4	18.1	17.7	14.5	13.7	8.5	14.0	13.8	16.4	15.7	28.1	26.4	27.5	27.3	21.3	20.0	24.7	21.8	25.4	8.5	28.1	20.0
26	23.6	17.4	12.9	22.1	17.8	16.1	18.0	22.6	21.3	23.4	21.1	22.6	21.8	22.9	27.7	33.9	30.8	27.5	22.9	23.4	23.6	21.4	21.4	20.7	12.9	33.9	22.4
27	20.1	21.3	20.5	18.3	19.2	21.0	13.8	19.4	20.6	10.7	11.9	11.3	14.7	12.3	12.4	15.1	19.7	19.3	26.2	26.4	28.5	23.5	14.8	7.2	7.2	28.5	17.8
28	6.9	7.7	15.9	24.3	25.9	18.3	9.6	9.4	9.9	14.5	10.4	9.1	10.3	8.0	15.2	16.8	18.1	19.0	18.6	20.2	19.0	17.0	16.4	19.1	6.9	25.9	15.0
29	17.7	16.5	13.9	11.2	6.7	5.0	4.4	5.9	5.9	6.4	6.9	9.9	12.2	11.8	9.6	11.6	8.9	8.4	8.4	4.2	11.8	12.6	9.6	9.7	4.2	17.7	9.5
30	7.5	12.2	16.9	16.1	16.1	14.6	16.4	11.4	6.7	8.6	9.7	9.3	10.8	10.4	10.7	8.8	8.6	15.6	15.0	16.4	15.3	16.7	18.1	22.6	6.7	22.6	13.1
Min	4.9	5.0	7.2	7.1	6.2	5.0	4.4	5.9	5.3	4.6	6.9	6.4	4.8	8.0	5.1	8.2	8.2	5.8	4.7	4.2	4.8	3.2	5.4	5.2	3.2		
Max	28.1	25.9	25.3	27.3	26.8	27.5	28.4	23.9	27.6	38.0	35.2	31.9	29.7	36.3	29.6	33.9	30.8	31.2	31.1	34.8	28.5	31.4	28.1	27.8	38.0		
Avg	16.1	15.6	16.4	16.3	15.3	14.5	13.4	13.5	13.0	12.7	13.0	14.9	15.2	16.1	16.3	18.4	18.4	17.1	18.0	18.6	17.9	17.5	16.8	16.5			15.9

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: Battery Voltage
Units: volts
Channel: 7

Site: Palm Desert (data subject to change)
Month: April
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 05-05-2006
Printout Time: 08:43:21
Output File Name: PDTB0406.7

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	13.1	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
2	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
3	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
4	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
5	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	13.4	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.4	13.3
6	13.1	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
7	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	13.4	13.3	13.3	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	13.4	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	13.1	13.4	13.3
9	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
10	13.1	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
11	13.1	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
12	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	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
13	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	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
14	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
15	13.1	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	13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.4	13.3
16	13.2	13.1	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	13.1	13.4	13.3
17	13.1	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	13.4	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.4	13.3
18	13.1	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	13.4	13.3	13.3	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	13.2	13.4	13.4	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	13.1	13.4	13.3
20	13.2	13.2	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
21	13.2	13.2	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
22	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
23	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
24	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
25	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	13.4	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.4	13.3
26	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
27	13.2	13.1	13.1	13.1	13.1	13.2	13.4	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
28	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.4	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	13.1	13.4	13.3
29	13.2	13.2	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	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.4	13.3
30	13.2	13.2	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	13.4	13.3	13.3	13.3	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	13.3	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	13.1	13.1		
Max	13.2	13.2	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	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.2		13.4	
Avg	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	13.4	13.3	13.3	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 1.2