

# Palm Desert Meteorological Data

May 2011

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 9

Site: Palm Desert (data subject to change)  
Month: May  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 06-09-2011  
Printout Time: 13:18:48  
Output File Name: PDTB0511.9

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	3.3	3.6	4.2	4.2	3.9	3.3	3.2	3.4	2.9	5.3	6.8	6.5	5.8	5.6	5.6	6.8	6.4	7.4	4.9	3.8	3.9	2.8	2.8	3.3	2.8	7.4	4.6
2	4.3	3.3	3.6	3.4	4.1	4.1	3.3	2.6	2.7	5.5	6.7	6.1	4.9	3.6	4.7	3.2	3.6	2.1	1.6	2.8	2.6	3.5	4.1	3.2	1.6	6.7	3.7
3	3.7	3.7	3.8	3.7	3.3	3.6	2.3	1.7	1.1	2.4	4.5	5.5	6.2	5.9	5.4	5.2	5.8	4.7	2.3	1.7	1.9	3.7	4.1	4.1	1.1	6.2	3.8
4	4.8	4.1	3.5	2.6	4.0	4.2	4.4	3.1	2.5	1.7	3.4	3.4	4.4	5.1	5.3	6.9	6.1	4.6	2.3	3.1	5.5	6.7	6.8	6.9	1.7	6.9	4.4
5	8.3	5.7	4.7	4.7	4.0	3.8	4.5	4.1	3.2	1.7	3.8	5.4	6.4	5.8	6.5	7.0	6.2	3.7	2.3	3.7	7.6	10.5	9.1	9.6	1.7	10.5	5.5
6	11.0	8.4	6.8	4.4	5.6	6.2	6.7	7.0	3.4	3.0	4.3	3.7	3.9	4.9	3.5	5.2	6.0	6.4	5.5	7.5	10.9	8.9	8.0	8.3	3.0	11.0	6.2
7	9.0	7.9	7.3	5.2	3.9	4.8	4.1	3.0	3.2	3.0	2.0	3.7	5.4	7.6	7.9	6.2	7.3	7.4	9.8	13.3	11.9	12.1	6.6	4.5	2.0	13.3	6.5
8	4.0	3.3	7.7	9.8	9.5	6.8	3.7	3.0	10.1	12.5	11.8	11.1	11.1	10.6	8.3	10.3	12.2	11.1	4.7	4.4	6.7	6.6	5.0	5.9	3.0	12.5	7.9
9	6.6	6.9	9.4	9.5	10.7	7.8	7.8	9.2	8.5	7.8	5.6	6.8	8.6	5.6	7.0	9.8	10.7	7.8	5.6	5.7	7.1	8.7	9.3	8.7	5.6	10.7	8.0
10	9.6	9.7	9.7	7.5	6.6	4.1	1.8	2.1	5.3	7.6	6.1	7.1	5.6	8.4	6.9	8.9	9.9	8.7	9.7	10.8	11.6	11.5	10.7	13.7	1.8	13.7	8.1
11	13.7	12.2	10.0	8.2	7.3	6.3	7.6	7.7	3.2	2.0	2.9	4.3	3.8	3.0	3.4	5.1	7.4	8.6	9.6	10.4	11.1	9.5	10.6	10.0	2.0	13.7	7.4
12	8.0	6.9	5.9	5.1	5.0	4.4	3.8	3.6	2.5	1.8	2.9	5.4	6.8	6.4	6.8	6.2	6.5	4.0	2.0	2.1	2.7	5.7	7.1	6.7	1.8	8.0	4.9
13	7.0	6.5	5.3	4.6	4.9	5.3	4.6	3.8	2.7	2.2	3.9	7.8	9.3	8.3	7.2	8.4	9.6	9.3	8.6	5.8	9.8	8.8	8.1	8.9	2.2	9.8	6.7
14	9.9	11.3	12.9	13.1	10.2	6.8	7.1	7.3	6.9	5.0	4.0	3.7	5.5	7.4	9.7	9.8	10.9	9.0	11.1	12.0	11.2	12.4	10.3	10.1	3.7	13.1	9.1
15	8.6	6.6	9.1	8.8	5.9	3.8	6.7	5.8	6.2	8.8	6.5	7.0	6.2	9.0	8.5	8.9	7.4	8.1	8.0	7.0	6.1	4.5	9.4	11.9	3.8	11.9	7.5
16	14.1	12.7	12.8	8.4	8.1	8.9	4.4	2.7	3.6	2.6	4.9	3.5	2.5	4.3	7.5	9.2	6.7	6.7	8.7	9.5	11.0	12.6	12.7	11.8	2.5	14.1	7.9
17	11.1	8.3	6.6	5.0	2.0	3.2	2.7	2.0	1.5	2.4	2.3	3.1	4.2	4.8	7.5	6.4	11.6	4.9	5.1	7.7	9.3	7.1	4.8	7.4	1.5	11.6	5.5
18	8.1	3.7	4.0	3.8	3.0	4.5	2.0	3.0	4.6	4.3	5.5	7.1	9.1	12.8	15.0	10.8	6.1	10.6	12.1	11.7	11.0	10.9	11.5	12.4	2.0	15.0	7.8
19	12.1	10.7	9.6	11.3	10.2	10.1	5.4	4.4	4.5	5.7	6.4	5.0	6.2	6.8	8.1	9.6	12.5	12.3	12.7	12.6	13.7	12.6	12.1	12.5	4.4	13.7	9.5
20	11.2	11.0	9.3	7.5	6.3	7.2	5.9	5.4	3.4	1.6	4.1	4.6	3.5	5.5	5.5	3.2	4.8	8.6	8.2	8.6	10.2	9.4	7.4	7.6	1.6	11.2	6.7
21	6.6	7.6	7.9	7.8	6.9	6.2	4.7	3.4	2.5	2.1	4.5	5.1	5.5	4.7	6.0	6.1	4.3	4.4	3.2	8.1	8.1	7.1	5.9	7.6	2.1	8.1	5.7
22	9.4	9.9	8.1	6.9	9.5	10.2	10.0	9.1	3.9	3.1	3.7	2.5	3.4	7.1	7.5	7.2	8.6	8.4	8.8	11.3	13.5	15.5	14.9	13.9	2.5	15.5	8.6
23	10.8	8.4	10.8	10.9	12.7	15.0	13.0	9.7	10.2	9.7	8.6	9.2	9.8	11.8	11.7	9.9	10.4	9.9	10.1	11.8	16.5	17.6	16.4	17.2	8.4	17.6	11.8
24	17.0	15.9	16.6	15.0	10.9	7.0	2.8	4.1	8.1	8.6	3.1	3.7	3.4	3.2	2.4	3.1	6.3	9.4	10.9	11.4	12.2	10.1	10.1	10.3	2.4	17.0	8.6
25	8.7	8.2	7.5	7.2	6.5	5.1	4.3	3.5	2.3	1.5	2.6	4.4	3.1	2.2	4.6	4.9	6.4	7.3	9.0	7.1	12.0	12.9	10.6	14.9	1.5	14.9	6.5
26	14.8	14.2	13.1	10.4	7.9	8.3	10.3	11.7	8.7	2.9	2.9	4.1	5.3	6.2	10.2	10.3	11.4	11.8	14.4	14.7	14.2	15.0	17.0	15.4	2.9	17.0	10.6
27	14.0	12.4	12.6	10.1	12.1	6.8	3.1	4.0	3.6	2.1	2.6	2.7	2.6	3.2	5.0	6.8	10.8	15.0	15.9	17.1	16.8	14.4	13.9	11.2	2.1	17.1	9.1
28	10.1	7.6	10.5	9.3	9.5	11.5	9.6	8.3	6.6	9.0	10.8	10.3	11.1	11.3	11.3	11.8	7.9	8.7	11.1	9.0	8.9	12.2	14.8	15.8	6.6	15.8	10.3
29	17.2	15.6	13.9	10.4	8.2	7.6	5.6	5.3	5.1	3.6	4.2	9.0	11.4	11.6	7.2	7.7	8.3	6.6	4.4	7.5	10.7	10.8	12.1	10.9	3.6	17.2	9.0
30	11.8	11.7	10.6	10.0	7.2	7.6	5.8	4.7	4.0	2.3	2.5	2.8	4.4	4.1	5.0	5.0	4.7	5.0	2.8	2.0	3.7	5.7	4.4	4.7	2.0	11.8	5.5
31	4.2	3.6	3.3	3.6	4.0	3.3	3.4	3.6	1.5	1.4	4.3	4.3	4.1	3.7	3.9	4.8	2.6	5.5	4.5	4.7	8.1	9.6	9.6	8.4	1.4	9.6	4.6
Min	3.3	3.3	3.3	2.6	2.0	3.2	1.8	1.7	1.1	1.4	2.0	2.5	2.5	2.2	2.4	3.1	2.6	2.1	1.6	1.7	1.9	2.8	2.8	3.2	1.1		
Max	17.2	15.9	16.6	15.0	12.7	15.0	13.0	11.7	10.2	12.5	11.8	11.1	11.4	12.8	15.0	11.8	12.5	15.0	15.9	17.1	16.8	17.6	17.0	17.2		17.6	
Avg	9.5	8.4	8.4	7.5	6.9	6.4	5.3	4.9	4.5	4.3	4.8	5.5	5.9	6.5	6.9	7.2	7.7	7.7	7.4	8.0	9.4	9.7	9.4	9.6			7.2

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

#### Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

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

Site: Palm Desert (data subject to change)  
 Month: May  
 Year: 2011  
 Time Zone: PST

Validation Level: B  
 Printout Date: 06-09-2011  
 Printout Time: 13:18:49  
 Output File Name: PDTB0511.10

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	297	280	292	260	262	312	268	254	264	355	354	8	15	2	6	5	360	358	354	319	307	296	285	257	[ N ]
2	271	297	286	294	276	301	276	258	201	151	168	183	156	167	210	277	229	230	192	319	274	294	295	285	[WNW]
3	283	264	262	277	274	274	259	256	238	207	145	133	135	135	136	131	142	134	118	66	343	276	273	267	[ W ]
4	288	251	265	267	265	266	272	282	260	256	195	185	149	144	149	140	139	134	101	345	326	313	309	305	[ W ]
5	316	269	290	289	277	255	284	262	261	217	151	146	140	130	137	144	140	136	10	307	322	326	313	312	[SE ]
6	313	305	291	268	275	296	306	306	255	265	177	145	124	143	134	203	268	315	317	329	328	330	322	318	[NW ]
7	316	310	309	305	309	312	293	249	262	261	270	306	326	336	327	327	327	327	329	325	320	319	315	304	[NW ]
8	309	311	320	317	313	321	291	245	315	325	321	316	330	323	304	299	308	298	273	304	334	323	323	306	[NW ]
9	346	332	335	338	326	309	311	323	322	323	306	319	329	331	273	237	230	249	265	317	323	322	315	319	[NW ]
10	325	330	321	320	314	305	210	226	311	311	323	330	308	306	305	316	316	306	313	322	323	321	318	314	[NW ]
11	313	312	308	304	306	303	310	311	254	153	143	140	141	167	167	325	328	318	317	320	323	319	314	312	[NW ]
12	306	294	294	294	297	290	280	255	261	219	135	139	145	131	127	126	139	128	103	49	23	320	310	306	[SE ]
13	304	295	282	286	295	291	292	273	262	234	148	134	132	130	135	328	314	316	320	336	329	329	320	317	[NW ]
14	316	316	320	318	312	318	321	313	308	317	292	323	324	321	318	301	251	316	331	329	326	324	317	318	[NW ]
15	317	325	325	339	337	310	315	328	332	332	299	264	260	260	299	319	304	317	317	315	334	333	332	326	[NW ]
16	320	313	311	305	308	308	269	272	259	212	174	153	205	333	330	312	320	321	329	326	325	330	330	323	[NW ]
17	325	332	316	317	93	335	200	185	168	106	68	17	245	298	247	243	230	280	279	325	315	309	319	323	[NW ]
18	320	340	297	340	292	303	230	179	176	135	266	214	246	239	232	233	283	318	316	312	319	323	322	321	[NW ]
19	322	317	315	313	311	312	294	279	294	314	316	312	316	310	320	317	318	318	318	319	322	325	321	314	[NW ]
20	312	312	310	303	304	313	300	288	222	150	124	144	134	138	125	135	326	324	319	320	326	321	316	314	[NW ]
21	306	312	308	312	304	302	298	271	197	167	130	129	139	139	126	129	126	136	107	327	325	321	324	316	[NW ]
22	315	313	309	302	310	313	311	314	252	158	143	111	346	330	319	320	328	328	321	327	325	325	321	317	[NW ]
23	315	339	302	320	321	314	316	310	314	318	321	319	321	319	331	320	320	320	313	315	320	320	315	317	[NW ]
24	317	321	317	316	314	305	255	273	312	320	322	331	312	317	262	13	317	322	320	320	320	310	309	309	[NW ]
25	311	308	302	305	295	289	283	251	208	191	111	131	97	91	122	134	316	316	320	329	326	325	312	325	[NW ]
26	318	323	315	320	310	310	324	315	296	209	215	335	351	331	318	321	320	319	319	321	317	314	314	313	[NW ]
27	313	308	311	309	309	297	266	283	240	248	357	279	337	301	345	330	326	323	323	326	327	326	320	318	[NW ]
28	312	316	313	319	316	317	331	333	315	319	324	322	325	317	313	315	299	280	316	327	323	328	327	321	[NW ]
29	322	319	325	333	342	342	357	157	227	24	21	214	233	238	262	294	287	275	286	305	325	317	322	324	[NW ]
30	321	316	312	314	304	304	287	299	282	205	253	202	145	148	141	144	144	146	123	88	349	324	314	315	[NW ]
31	300	281	257	248	251	264	273	267	278	197	141	135	123	119	127	149	201	231	285	314	329	327	324	309	[ W ]

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

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Processed using: TABLE.EXE version 1.2

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

Site: Palm Desert (data subject to change)  
Month: May  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 06-09-2011  
Printout Time: 13:18:49  
Output File Name: PDTB0511.10t

Day	1	2	3	4	5	6	7	8	9	10	11	Hour Ending	12	13	14	15	16	17	18	19	20	21	22	23	24	Prev
1	[WNW]	[W]	[WNW]	[W]	[W]	[NW]	[W]	[WSW]	[W]	[N]	[N]	[N]	[NNE]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[NW]	[NW]	[WNW]	[WNW]	[WSW]	[N]
2	[W]	[WNW]	[WNW]	[WNW]	[W]	[WNW]	[W]	[WSW]	[SSW]	[SSE]	[SSE]	[S]	[SSE]	[SSE]	[SSW]	[W]	[SW]	[SW]	[SSW]	[NW]	[W]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
3	[WNW]	[W]	[W]	[W]	[W]	[W]	[W]	[WSW]	[WSW]	[SSW]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[ENE]	[NNW]	[W]	[W]	[W]	[W]
4	[WNW]	[WSW]	[W]	[W]	[W]	[W]	[W]	[WNW]	[W]	[WSW]	[SSW]	[S]	[SSE]	[SE]	[SSE]	[SE]	[SE]	[SE]	[SE]	[E]	[NNW]	[NW]	[NW]	[NW]	[NW]	[W]
5	[NW]	[W]	[WNW]	[WNW]	[W]	[WSW]	[WNW]	[W]	[W]	[SW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[N]	[NW]	[NW]	[NNW]	[NW]	[NW]	[SE]
6	[NW]	[NW]	[WNW]	[W]	[W]	[WNW]	[NW]	[NW]	[WSW]	[W]	[S]	[SE]	[ESE]	[SE]	[SE]	[SSW]	[W]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]
7	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WSW]	[W]	[W]	[W]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
8	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[WNW]	[NW]	[WNW]	[W]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
9	[NNW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[W]	[WSW]	[SW]	[WSW]	[W]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
10	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[SSW]	[SW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
11	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]	[WSW]	[SSE]	[SE]	[SE]	[SE]	[SSE]	[SSE]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
12	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[W]	[WSW]	[W]	[SW]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[NE]	[NNE]	[NW]	[NW]	[NW]	[SE]
13	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[W]	[W]	[SW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[NNW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]
14	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
15	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[WNW]	[W]	[W]	[W]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[NW]
16	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[W]	[W]	[W]	[SSW]	[S]	[SSE]	[SSW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]
17	[NW]	[NNW]	[NW]	[NW]	[E]	[NNW]	[SSW]	[S]	[SSE]	[ESE]	[ENE]	[NNE]	[WSW]	[WNW]	[WSW]	[WSW]	[SW]	[W]	[W]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
18	[NW]	[NNW]	[WNW]	[NNW]	[WNW]	[WNW]	[SW]	[S]	[S]	[SE]	[W]	[SW]	[WSW]	[WSW]	[SW]	[SW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
19	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[W]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
20	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]	[WNW]	[WNW]	[SW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]
21	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[W]	[SSW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
22	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WSW]	[SSE]	[SE]	[ESE]	[NNW]	[NNW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
23	[NW]	[NNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
24	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WSW]	[W]	[NW]	[NW]	[NNW]	[NW]	[NW]	[W]	[NNE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
25	[NW]	[NW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WSW]	[SSW]	[S]	[ESE]	[SE]	[E]	[E]	[ESE]	[SE]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
26	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[SSW]	[SW]	[NNW]	[N]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
27	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[WSW]	[W]	[N]	[W]	[NNW]	[WNW]	[NNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]
28	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[W]	[NW]	[NNW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[NW]
29	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[SSE]	[SW]	[NNE]	[NNE]	[SW]	[SW]	[WSW]	[W]	[WNW]	[WNW]	[W]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
30	[NW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[SSW]	[WSW]	[SSW]	[SE]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[E]	[N]	[NW]	[NW]	[NW]	[NW]
31	[WNW]	[W]	[WSW]	[WSW]	[WSW]	[W]	[W]	[W]	[W]	[SSW]	[SE]	[SE]	[ESE]	[ESE]	[SE]	[SSE]	[SSW]	[SW]	[WNW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[W]	[W]
Prev	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[W]	[W]	[NW]	[SE]	[SE]	[SE]	[SE]	[SE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]

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

Site: Palm Desert (data subject to change)  
Month: May  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 06-09-2011  
Printout Time: 13:18:50  
Output File Name: PDTB0511.11

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	18.3	15.2	17.5	13.6	18.0	43.1	34.6	34.3	50.8	43.2	32.9	34.0	37.1	41.2	37.0	31.0	31.5	28.1	27.5	18.6	16.2	13.6	19.3	20.5	13.6	50.8	28.2
2	15.1	19.2	16.8	15.0	13.5	18.8	17.5	20.8	27.4	22.8	24.5	32.0	42.3	68.7	28.8	38.4	22.5	16.5	27.4	13.8	33.4	19.6	22.3	14.9	13.5	68.7	24.7
3	20.9	16.2	12.5	16.8	12.4	13.9	16.7	23.6	30.7	25.2	30.1	30.2	27.8	25.6	26.4	27.3	19.5	19.3	18.0	14.8	18.7	13.6	18.1	17.7	12.4	30.7	20.7
4	20.7	14.2	27.1	23.6	15.0	14.6	19.6	26.3	24.3	33.5	32.5	55.9	34.3	25.0	31.3	18.3	20.1	19.1	24.2	24.5	23.0	24.0	23.8	24.8	14.2	55.9	25.0
5	21.1	21.9	23.4	22.3	18.1	15.1	24.2	19.5	21.7	41.7	29.0	25.1	25.5	25.0	23.8	18.8	17.6	18.2	32.0	24.7	20.9	20.2	23.6	22.9	15.1	41.7	23.2
6	22.0	25.4	24.9	25.1	23.6	25.7	25.0	24.7	24.8	30.1	35.7	35.4	37.1	25.8	33.5	35.2	31.9	26.0	21.2	21.5	19.9	21.2	23.8	23.7	19.9	37.1	26.8
7	21.5	24.4	25.5	23.9	23.6	24.4	28.6	23.5	27.9	35.5	62.5	52.1	31.4	30.0	27.6	30.1	26.1	23.9	20.9	19.8	20.0	20.2	25.6	27.3	19.8	62.5	28.2
8	25.7	28.4	22.1	21.6	23.5	23.7	34.1	33.1	25.2	20.4	21.2	23.3	26.1	26.0	40.3	39.8	28.5	30.7	63.0	54.7	34.2	37.2	48.0	64.2	20.4	64.2	33.1
9	36.6	40.1	28.3	29.7	23.0	28.9	28.6	23.1	28.8	29.3	47.8	42.5	39.5	54.3	37.5	20.4	18.4	26.7	34.1	25.8	23.9	26.6	25.1	23.6	18.4	54.3	30.9
10	23.7	22.8	20.0	19.9	22.8	26.3	54.1	46.3	33.4	28.8	31.9	28.7	37.2	27.8	33.2	27.9	24.4	25.3	22.4	19.2	19.2	21.0	21.6	20.2	19.2	54.1	27.4
11	19.3	22.1	24.4	25.6	26.4	24.7	23.7	23.2	40.7	48.5	47.4	29.8	34.3	48.2	50.3	32.9	24.7	22.7	20.7	20.3	20.3	22.1	21.6	22.0	19.3	50.3	29.0
12	25.4	24.1	24.8	25.8	25.1	24.9	22.4	22.4	33.5	63.4	39.6	24.6	26.0	24.4	23.4	23.5	19.0	20.5	24.9	40.4	27.5	26.5	21.7	24.8	19.0	63.4	27.4
13	26.4	25.6	25.9	26.5	25.4	25.5	26.7	26.9	30.2	42.5	38.6	22.1	21.1	21.6	20.6	34.2	22.0	22.7	21.9	21.9	21.7	21.7	21.5	23.0	20.6	42.5	25.7
14	22.8	21.5	21.0	20.5	21.4	25.9	24.9	23.1	25.1	30.1	37.8	44.3	35.2	30.8	27.2	30.5	28.8	29.0	21.1	20.6	20.9	22.6	28.4	26.0	20.5	44.3	26.6
15	23.6	29.8	20.9	25.7	25.7	40.4	29.8	41.4	35.0	26.2	52.2	40.0	34.2	31.9	32.4	28.1	30.0	30.5	22.6	23.6	27.7	28.4	22.4	22.0	20.9	52.2	30.2
16	19.8	21.4	22.5	24.1	25.0	23.6	27.0	33.5	28.3	52.0	35.3	44.1	45.4	45.8	32.3	27.9	26.3	23.6	20.6	21.1	19.9	20.6	21.2	23.2	19.8	52.0	28.5
17	20.5	23.0	26.0	25.0	33.7	27.3	31.9	65.9	58.6	52.7	51.3	44.4	72.2	55.4	53.5	32.4	17.1	43.5	43.9	25.0	22.7	24.5	23.3	19.8	17.1	72.2	37.2
18	19.7	33.6	26.1	26.1	26.5	26.7	23.3	37.7	30.8	47.9	58.4	29.2	39.2	20.6	18.0	30.1	62.5	23.7	21.7	22.4	20.9	21.8	21.0	21.7	18.0	62.5	29.6
19	20.2	21.6	22.5	20.7	22.7	21.3	28.7	34.6	33.8	30.7	26.5	39.1	35.9	31.7	28.6	25.7	21.9	20.6	21.1	20.7	19.0	18.9	20.3	20.3	18.9	39.1	25.3
20	21.6	21.2	25.5	26.2	25.2	22.6	26.2	29.1	31.8	64.3	30.5	32.2	40.5	30.3	31.2	47.5	37.2	23.0	20.6	20.5	19.5	20.8	23.8	22.4	19.5	64.3	28.9
21	27.0	22.6	22.5	21.9	24.0	23.9	25.3	26.2	22.9	57.4	27.2	28.3	27.8	28.0	23.7	24.2	24.5	50.3	21.4	21.7	21.4	22.9	22.3	20.4	57.4	26.6	
22	20.6	21.8	25.0	26.2	23.2	21.0	22.2	22.2	31.1	45.9	37.3	50.9	47.6	30.6	27.8	30.8	23.0	22.5	20.9	19.6	21.1	19.7	20.3	20.1	19.6	50.9	27.1
23	20.8	26.6	24.2	25.9	22.1	22.6	23.0	24.2	24.5	23.4	26.6	25.1	27.1	23.9	24.4	24.6	21.6	24.4	23.3	24.0	21.3	21.5	21.1	20.9	20.8	27.1	23.6
24	20.8	19.9	20.1	21.1	20.9	26.2	26.4	31.1	30.4	24.5	55.9	49.0	50.7	51.3	34.6	47.8	30.1	21.3	21.5	20.8	20.3	22.4	21.8	23.1	19.9	55.9	29.7
25	23.6	23.4	25.5	26.3	24.2	25.0	24.2	21.9	25.5	40.0	54.7	30.4	41.4	43.5	31.8	28.5	47.6	23.9	22.2	21.2	20.2	19.1	27.7	18.9	18.9	54.7	28.8
26	20.9	19.2	21.7	22.4	26.9	26.4	22.0	24.3	29.2	35.7	39.3	56.4	36.6	36.9	23.9	23.3	22.2	21.4	20.3	20.2	21.0	20.1	20.4	19.9	19.2	56.4	26.3
27	20.4	22.9	22.6	24.9	24.2	27.0	26.5	26.8	38.5	62.6	60.3	48.6	66.8	46.1	56.3	30.6	22.2	20.5	20.1	19.6	19.9	20.4	19.6	20.2	19.6	66.8	32.0
28	22.7	22.3	21.3	21.1	22.0	22.0	22.4	26.1	30.3	25.3	23.1	22.6	23.2	23.8	25.4	23.6	37.8	35.7	25.7	25.3	23.7	21.6	19.8	21.0	19.8	37.8	24.5
29	19.9	23.2	29.1	33.2	29.6	28.3	40.8	41.9	62.6	74.4	56.3	28.7	21.0	29.0	40.3	33.9	40.6	37.9	26.5	25.8	20.7	22.9	19.4	19.9	19.4	74.4	33.6
30	19.4	20.6	21.6	19.8	25.3	25.9	26.2	26.7	32.6	47.0	41.6	56.3	32.7	40.2	29.5	24.4	25.3	18.4	20.9	29.8	23.3	19.6	20.5	21.4	18.4	56.3	27.9
31	20.9	20.1	14.1	12.6	14.1	15.7	21.5	20.7	42.8	70.7	29.3	33.1	35.6	41.8	35.3	23.6	25.8	20.7	24.7	29.4	19.8	20.3	20.4	25.3	12.6	70.7	26.6
Min	15.1	14.2	12.5	12.6	12.4	13.9	16.7	19.5	21.7	20.4	21.2	22.1	21.0	20.6	18.0	18.3	17.1	16.5	18.0	13.8	16.2	13.6	18.1	14.9	12.4		
Max	36.6	40.1	29.1	33.2	33.7	43.1	54.1	65.9	62.6	74.4	62.5	56.4	72.2	68.7	56.3	47.8	62.5	43.5	63.0	54.7	34.2	37.2	48.0	64.2		74.4	
Avg	22.0	23.0	22.8	23.0	22.8	24.6	26.7	29.2	32.7	41.2	39.3	36.7	36.5	35.0	31.9	29.5	27.4	24.5	26.0	23.6	22.0	21.7	22.9	23.2			27.8

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

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

Site: Palm Desert (data subject to change)  
Month: May  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 06-09-2011  
Printout Time: 13:18:55  
Output File Name: PDTB0511.17

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	6.8	6.9	10.7	7.6	9.0	11.2	8.0	8.8	11.1	18.3	20.3	21.3	18.0	20.4	15.6	17.4	19.1	17.2	15.1	8.7	8.7	5.6	5.6	6.5	5.6	21.3	12.4
2	9.4	8.7	7.4	7.8	7.4	9.2	8.0	5.6	7.9	13.2	14.9	14.5	15.3	10.1	12.4	10.2	8.3	6.6	5.5	5.3	5.0	8.8	10.7	8.6	5.0	15.3	9.2
3	8.5	7.2	6.9	8.0	7.8	7.4	5.0	4.7	2.8	8.0	10.3	15.1	14.5	14.3	12.4	11.9	11.5	9.5	6.5	4.0	5.0	7.4	8.8	9.6	2.8	15.1	8.6
4	12.1	7.8	7.0	6.1	8.3	8.8	10.4	7.8	5.4	4.2	11.7	11.3	11.3	11.7	12.9	14.3	14.0	10.0	8.6	9.6	15.2	14.8	16.1	16.0	4.2	16.1	10.6
5	19.5	14.0	13.4	12.4	8.3	7.5	11.4	10.3	7.8	7.4	10.2	12.6	15.0	13.3	15.5	14.3	11.8	9.4	7.8	13.2	16.4	22.1	18.8	23.7	7.4	23.7	13.2
6	22.3	24.0	17.4	11.2	14.8	15.8	17.0	17.1	9.2	6.9	10.8	10.6	10.7	11.5	10.9	15.0	16.7	15.5	14.0	22.0	22.6	20.4	21.1	19.1	6.9	24.0	15.7
7	19.8	19.0	16.3	15.8	10.1	11.0	10.6	8.5	7.9	7.2	6.6	15.6	14.4	17.4	22.2	17.3	18.2	19.1	23.6	30.2	27.6	25.8	17.5	14.1	6.6	30.2	16.5
8	11.7	10.0	19.8	23.2	21.4	23.7	13.6	8.5	25.7	27.0	25.6	24.8	25.3	25.7	22.5	29.3	31.6	32.8	23.1	17.8	20.4	24.5	20.9	18.9	8.5	32.8	22.0
9	17.2	22.7	27.0	26.9	26.1	22.0	21.6	23.7	19.6	23.2	17.0	19.7	21.9	21.0	20.4	25.1	24.6	20.2	18.1	14.3	16.6	21.3	25.2	21.5	14.3	27.0	21.5
10	25.7	21.5	20.5	15.9	15.9	14.8	6.9	6.9	14.8	19.3	16.4	15.9	19.0	21.0	18.4	22.5	22.9	23.0	21.4	21.5	23.8	23.0	25.4	27.5	6.9	27.5	19.3
11	29.7	26.1	24.2	19.7	21.3	15.4	18.8	17.8	9.6	6.4	8.2	11.1	9.4	9.8	11.3	16.9	18.6	19.7	22.8	22.8	22.9	21.3	20.7	21.2	6.4	29.7	17.7
12	22.1	16.2	13.3	13.5	12.5	10.8	11.6	9.1	5.8	6.0	9.7	11.0	14.5	15.1	15.3	14.0	14.2	9.2	6.6	8.0	9.8	13.0	16.1	16.4	5.8	22.1	12.2
13	17.8	16.3	14.0	11.0	13.7	13.7	11.5	10.5	7.2	6.0	11.7	17.5	18.9	19.5	15.6	23.2	22.0	20.3	19.1	16.0	20.7	18.5	18.1	22.5	6.0	23.2	16.0
14	23.7	22.9	28.6	25.6	22.8	20.0	17.0	16.4	16.9	13.3	9.6	10.2	17.4	18.0	22.8	26.3	24.5	22.1	25.1	25.6	25.9	27.5	27.7	25.9	9.6	28.6	21.5
15	20.5	19.1	21.5	21.9	19.7	16.7	20.2	18.2	19.0	19.8	18.0	20.2	16.5	28.1	23.0	22.6	21.8	23.6	19.4	19.4	18.2	12.9	21.0	26.6	12.9	28.1	20.3
16	29.9	27.3	31.0	26.0	21.0	20.4	14.3	7.8	10.4	7.5	12.1	11.1	7.1	16.2	24.3	25.4	20.1	16.1	20.5	21.9	22.8	27.2	30.8	28.4	7.1	31.0	20.0
17	28.6	19.7	15.6	13.1	9.4	12.9	8.6	6.9	5.6	8.3	8.9	10.7	17.4	16.6	22.6	17.9	21.5	16.1	15.2	22.1	24.0	21.9	13.3	16.8	5.6	28.6	15.6
18	18.9	11.5	12.9	10.7	14.1	15.9	5.8	8.3	13.1	11.3	24.8	22.0	23.8	29.1	31.3	28.3	24.5	25.4	25.9	26.8	28.6	27.0	25.5	26.2	5.8	31.3	20.5
19	27.0	23.8	22.2	24.5	21.5	22.9	17.5	12.4	11.1	14.4	14.4	11.8	16.7	17.8	20.4	23.5	26.6	26.3	27.0	26.7	27.5	26.4	25.3	26.5	11.1	27.5	21.4
20	23.3	22.1	23.5	18.0	17.0	17.2	14.7	13.5	8.8	5.0	9.9	11.9	9.1	14.2	13.9	9.2	13.0	19.0	17.4	19.2	21.5	21.3	18.7	17.5	5.0	23.5	15.8
21	18.8	17.8	18.6	19.2	16.8	16.7	11.0	8.2	7.1	6.5	11.5	12.8	14.3	12.1	12.8	14.0	11.6	8.9	10.4	17.8	17.9	17.2	14.2	17.2	6.5	19.2	13.9
22	20.6	22.5	19.1	21.3	20.8	21.8	21.1	21.5	16.9	8.4	12.6	9.1	13.4	17.4	17.8	17.3	19.1	19.0	19.0	21.5	28.9	30.8	36.2	28.9	8.4	36.2	20.2
23	27.0	18.5	29.0	32.2	32.3	32.8	28.8	24.6	22.4	19.1	22.2	20.5	24.0	29.7	29.1	20.5	24.6	26.9	22.5	30.0	39.8	38.5	35.0	39.2	18.5	39.8	27.9
24	36.8	30.9	34.0	33.1	29.5	21.2	17.0	20.9	19.7	20.0	10.6	10.4	10.4	11.3	6.2	10.9	16.7	22.1	27.4	25.1	24.8	21.6	21.3	23.8	6.2	36.8	21.1
25	20.4	19.9	21.2	16.6	15.6	13.5	10.9	7.4	5.6	5.6	8.5	11.7	9.9	10.8	11.5	11.8	20.2	18.9	20.5	18.0	28.1	25.4	25.4	27.5	5.6	28.1	16.0
26	31.9	26.8	27.3	26.8	20.1	20.0	22.4	28.6	24.2	8.1	8.6	15.1	16.1	17.4	23.8	22.8	24.9	33.0	30.5	29.7	31.5	31.1	33.4	32.2	8.1	33.4	24.4
27	28.3	29.2	26.0	24.3	25.6	20.0	8.2	10.4	11.5	5.2	9.4	8.5	9.8	11.3	14.3	21.7	27.6	31.0	31.0	35.2	35.1	34.8	28.6	23.5	5.2	35.2	21.3
28	29.0	19.9	21.8	21.9	23.5	28.1	22.8	22.1	21.3	21.8	24.3	24.5	24.5	26.2	28.4	27.8	26.1	21.4	26.7	26.1	24.1	27.7	31.2	31.1	19.9	31.2	25.1
29	34.9	35.3	33.7	26.3	23.5	21.7	21.2	15.9	17.5	14.8	15.9	21.3	23.3	26.5	19.7	25.9	26.4	25.2	11.6	19.4	23.3	23.3	25.5	22.8	11.6	35.3	23.1
30	23.8	25.8	23.0	22.4	19.1	20.4	14.8	11.2	10.7	7.1	7.0	8.6	12.9	12.1	12.6	11.0	10.8	10.3	7.0	5.6	12.2	12.3	10.7	10.1	5.6	25.8	13.4
31	9.9	8.4	6.4	6.4	8.0	6.6	8.6	7.8	5.9	5.6	11.0	12.2	11.9	9.8	11.3	10.2	7.8	13.5	12.1	14.6	18.9	19.3	19.8	21.5	5.6	21.5	11.1
Min	6.8	6.9	6.4	6.1	7.4	6.6	5.0	4.7	2.8	4.2	6.6	8.5	7.1	9.8	6.2	9.2	7.8	6.6	5.5	4.0	5.0	5.6	5.6	6.5	2.8		
Max	36.8	35.3	34.0	33.1	32.3	32.8	28.8	28.6	25.7	27.0	25.6	24.8	25.3	29.7	31.3	29.3	31.6	33.0	31.0	35.2	39.8	38.5	36.2	39.2	39.8		
Avg	21.8	19.4	19.8	18.4	17.3	16.8	14.2	12.9	12.3	11.4	13.3	14.6	15.7	17.3	17.8	18.7	19.4	19.1	18.1	19.3	21.5	21.7	21.6	21.7			17.7

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: May  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 06-09-2011  
Printout Time: 13:18:47  
Output File Name: PDTB0511.7

Day	1	2	3	4	5	6	7	8	9	10	11	Hour Ending	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.2	13.1	12.7
2	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
3	12.3	12.3	12.2	12.2	12.2	12.4	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
4	12.3	12.3	12.2	12.2	12.2	12.4	13.1	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.8	12.6	12.5	12.5	12.5	12.4	12.4	12.2	13.1	12.7
5	12.3	12.3	12.3	12.2	12.2	12.4	13.1	13.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
6	12.3	12.3	12.3	12.3	12.2	12.4	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.0	12.7
7	12.3	12.3	12.3	12.2	12.2	12.4	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.0	12.7
8	12.3	12.3	12.3	12.2	12.2	12.4	13.1	13.1	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.2	12.8
9	12.4	12.4	12.3	12.3	12.2	12.4	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.2	12.8
10	12.4	12.4	12.3	12.3	12.2	12.6	13.2	13.1	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.5	12.2	13.2	12.8
11	12.4	12.4	12.3	12.3	12.2	12.4	13.1	13.1	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.2	13.1	12.7
12	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.0	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
13	12.3	12.3	12.3	12.2	12.2	12.4	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.2	13.0	12.7
14	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.1	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.2	13.1	12.7
15	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.1	12.8
16	12.4	12.4	12.3	12.3	12.2	12.4	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.0	12.8	12.7	12.6	12.6	12.5	12.5	12.2	13.1	12.8
17	12.4	12.4	12.3	12.3	12.2	12.7	13.2	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.2	12.8
18	12.4	12.4	12.3	12.3	12.2	12.5	13.2	13.1	13.0	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.2	13.2	12.8
19	12.4	12.4	12.3	12.3	12.2	12.6	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.1	12.8
20	12.4	12.3	12.3	12.3	12.2	12.4	13.1	13.1	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
21	12.4	12.3	12.3	12.2	12.2	12.5	13.1	13.1	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
22	12.3	12.3	12.3	12.2	12.2	12.4	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
23	12.3	12.3	12.2	12.2	12.2	12.4	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.2	13.1	12.7
24	12.4	12.4	12.3	12.2	12.2	12.5	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.0	13.1	12.9	12.7	12.6	12.6	12.6	12.5	12.4	12.2	13.1	12.7
25	12.4	12.3	12.3	12.3	12.2	12.4	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.4	12.2	13.1	12.7
26	12.3	12.3	12.3	12.2	12.3	12.8	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.2	13.1	12.7
27	12.4	12.3	12.3	12.2	12.2	12.4	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.4	12.4	12.2	13.0	12.7
28	12.3	12.3	12.3	12.2	12.2	12.4	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.7	12.7	12.6	12.6	12.5	12.5	12.5	12.2	13.1	12.7
29	12.4	12.4	12.3	12.3	12.3	12.5	13.1	13.1	13.1	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.3	13.1	12.8
30	12.4	12.4	12.3	12.3	12.3	12.5	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.3	13.1	12.7
31	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.5	12.5	12.5	12.2	13.1	12.7
Min	12.3	12.3	12.2	12.2	12.2	12.4	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.0	12.7	12.6	12.5	12.5	12.5	12.4	12.4	12.2		
Max	12.4	12.4	12.3	12.3	12.3	12.8	13.2	13.1	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.0	12.8	12.7	12.6	12.6	12.5	12.5		13.2	
Avg	12.4	12.3	12.3	12.2	12.2	12.4	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.5	12.5	12.4			12.7

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

#### Missing Data Codes

-----  
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-920 Instrument Malfunction  
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Processed using: TABLE.EXE version 1.2