

Palm Desert Meteorological Data

April 2010

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: 2010
Time Zone: PST

Validation Level: B
Printout Date: 05-11-2010
Printout Time: 13:42:38
Output File Name: PDTB0410.9

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	11.8	5.9	4.3	4.5	4.1	2.8	5.1	4.6	4.6	3.1	3.4	4.1	3.3	3.9	3.7	4.8	3.5	3.1	5.3	3.6	6.6	7.4	4.9	7.2	2.8	11.8	4.8
2	5.7	10.1	10.5	8.5	4.5	4.2	4.2	3.7	2.5	3.5	3.6	4.3	5.0	6.4	6.0	5.8	5.6	4.5	3.3	2.4	2.2	6.4	4.8	3.9	2.2	10.5	5.1
3	2.6	5.5	2.9	4.5	7.2	8.2	8.0	4.6	3.3	2.0	2.8	2.3	3.1	3.3	4.3	4.9	4.2	6.9	10.5	9.6	11.4	9.7	9.3	6.5	2.0	11.4	5.7
4	6.4	4.3	3.4	3.2	3.2	2.3	2.7	3.5	2.6	2.4	3.2	2.7	2.9	2.6	3.0	3.3	4.1	4.8	6.7	5.1	6.1	7.1	3.5	4.3	2.3	7.1	3.9
5	7.8	7.2	5.7	3.3	2.0	2.7	3.6	2.8	3.6	6.1	6.1	5.8	5.2	8.7	8.5	5.6	7.0	6.4	4.3	5.7	9.9	11.5	11.8	9.6	2.0	11.8	6.3
6	10.0	9.2	7.5	6.4	6.3	5.7	4.8	4.1	3.2	2.9	2.3	2.7	3.8	3.2	3.7	4.4	3.1	2.7	2.2	1.8	2.5	2.7	3.7	4.6	1.8	10.0	4.3
7	3.4	4.1	3.1	2.9	1.8	1.5	2.4	1.6	3.1	3.5	4.2	3.5	4.0	3.9	2.7	3.1	2.6	2.7	2.8	2.7	3.4	3.0	2.5	3.6	1.5	4.2	3.0
8	3.0	3.3	2.9	4.3	3.7	4.1	3.0	2.5	2.6	1.6	2.2	2.8	3.7	3.8	3.5	3.4	3.0	4.6	3.3	2.5	2.5	2.6	5.4	5.9	1.6	5.9	3.3
9	4.7	3.7	4.2	3.4	3.6	3.5	3.4	1.6	1.8	2.2	4.2	4.7	4.6	6.0	6.7	6.0	5.1	3.3	2.0	9.0	8.9	6.8	6.7	4.5	1.6	9.0	4.6
10	5.7	3.1	2.8	2.1	1.8	2.2	1.4	1.0	2.3	3.5	4.8	3.0	4.1	3.3	2.8	2.6	7.3	7.3	6.9	8.5	7.2	7.1	5.8	4.2	1.0	8.5	4.2
11	5.9	5.3	10.2	12.1	9.9	8.0	9.6	9.3	7.6	4.9	3.6	3.1	5.7	7.9	9.4	10.6	10.3	10.0	9.7	6.4	9.4	8.7	9.5	3.5	3.1	12.1	7.9
12	4.1	1.9	2.3	3.3	3.7	3.0	5.1	3.2	3.1	2.9	2.6	2.6	5.9	10.6	5.4	5.0	5.1	7.2	9.9	8.6	7.1	7.9	3.3	5.9	1.9	10.6	5.0
13	6.4	6.0	7.6	7.7	5.2	4.9	9.6	8.8	6.2	3.1	2.6	2.1	2.8	2.6	2.6	2.0	3.4	2.9	7.9	8.0	5.5	7.2	7.4	7.3	2.0	9.6	5.4
14	5.9	6.4	4.2	5.1	6.3	6.2	6.4	6.5	4.6	2.3	3.6	5.5	5.6	5.6	5.8	4.5	6.1	4.5	2.7	3.1	5.6	6.0	7.4	6.8	2.3	7.4	5.3
15	6.1	5.2	4.9	4.5	3.7	4.0	3.7	2.4	1.3	2.3	5.0	7.0	6.8	6.7	5.6	6.3	5.8	3.6	2.0	1.5	6.6	8.0	8.3	8.1	1.3	8.3	5.0
16	8.3	7.6	4.5	5.1	6.7	5.7	5.2	8.6	4.6	2.7	2.5	3.5	2.9	5.7	6.0	8.4	10.6	10.1	9.8	10.5	10.9	11.5	11.7	10.7	2.5	11.7	7.2
17	9.8	8.0	9.0	7.7	5.7	5.6	4.6	5.0	3.5	3.5	3.3	4.8	5.8	6.2	5.4	5.6	4.6	2.5	1.8	4.1	4.1	4.6	3.6	3.9	1.8	9.8	5.1
18	3.9	4.4	4.3	4.6	6.4	6.3	6.8	5.9	3.9	2.0	6.1	7.2	8.6	7.9	8.0	5.9	4.2	3.6	9.0	10.8	11.0	10.2	6.4	2.7	2.0	11.0	6.2
19	3.4	4.6	7.4	3.8	5.3	5.9	5.9	4.7	2.3	2.6	7.2	5.9	3.7	3.4	3.4	6.0	6.9	7.9	8.6	6.8	8.6	9.2	5.8	6.5	2.3	9.2	5.7
20	7.4	5.1	3.2	1.5	3.6	1.6	2.5	2.9	4.5	4.6	2.9	4.1	4.0	11.7	14.8	11.8	10.7	14.1	14.3	12.0	8.1	5.2	3.9	4.0	1.5	14.8	6.6
21	3.1	4.0	5.2	6.5	7.2	5.9	5.0	5.6	5.2	6.0	9.1	5.9	3.8	9.1	10.0	8.0	6.9	7.6	3.0	2.8	2.0	1.9	2.7	3.2	1.9	10.0	5.4
22	2.8	3.8	4.6	4.0	3.7	3.2	3.9	3.6	2.6	3.4	3.0	3.8	4.0	6.0	10.9	11.1	10.8	8.9	6.1	6.5	6.6	8.0	5.8	4.2	2.6	11.1	5.5
23	4.7	5.2	6.5	6.0	5.8	5.7	7.1	6.9	4.5	2.2	2.9	2.6	2.5	4.3	6.9	8.4	9.9	10.3	11.8	12.0	11.3	10.5	8.1	8.4	2.2	12.0	6.9
24	8.9	10.0	7.7	9.3	7.5	5.2	5.0	1.8	1.2	3.4	3.8	2.7	3.0	2.9	3.7	4.4	5.3	3.3	2.5	2.1	2.3	4.2	5.2	6.4	1.2	10.0	4.7
25	6.8	6.3	4.3	3.9	3.8	3.9	3.3	3.5	3.1	1.9	2.4	3.4	5.8	6.4	5.7	5.3	4.5	3.4	2.9	2.3	4.2	6.6	7.0	5.5	1.9	7.0	4.4
26	4.6	4.6	5.4	4.9	6.4	6.9	6.3	4.8	3.2	2.5	3.5	3.9	4.4	4.2	3.3	4.2	4.1	8.6	7.1	8.9	9.8	11.0	10.2	9.1	2.5	11.0	5.9
27	9.6	9.4	8.5	7.6	7.9	9.4	8.2	5.7	2.8	2.5	2.1	2.8	8.2	9.5	8.0	9.8	10.5	11.9	11.6	9.4	11.4	11.7	13.9	12.8	2.1	13.9	8.5
28	13.1	10.1	5.5	7.7	10.6	13.9	12.9	13.2	8.4	5.0	3.1	4.5	5.1	10.2	10.3	8.2	11.8	16.2	17.1	16.0	12.4	14.9	14.8	15.3	3.1	17.1	10.8
29	12.5	8.6	6.6	4.8	2.3	8.8	6.3	5.3	13.5	15.0	11.4	8.3	6.0	8.5	8.7	6.9	9.9	6.6	4.7	6.4	6.8	9.7	9.4	8.0	2.3	15.0	8.1
30	8.0	8.9	8.0	7.1	7.6	8.3	6.1	4.9	7.9	9.2	8.0	8.3	7.4	5.7	6.4	4.9	3.6	6.0	6.7	7.4	8.3	10.6	10.5	11.1	3.6	11.1	7.5
Min	2.6	1.9	2.3	1.5	1.8	1.5	1.4	1.0	1.2	1.6	2.1	2.1	2.5	2.6	2.6	2.0	2.6	2.5	1.8	1.5	2.0	1.9	2.5	2.7	1.0		
Max	13.1	10.1	10.5	12.1	10.6	13.9	12.9	13.2	13.5	15.0	11.4	8.3	8.6	11.7	14.8	11.8	11.8	16.2	17.1	16.0	12.4	14.9	14.8	15.3		17.1	
Avg	6.5	6.1	5.6	5.3	5.3	5.3	5.4	4.7	4.1	3.8	4.2	4.3	4.7	6.0	6.2	6.0	6.3	6.5	6.6	6.6	7.1	7.7	7.1	6.6			5.7

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

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

Site: Palm Desert (data subject to change)
Month: April
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 05-11-2010
Printout Time: 13:42:38
Output File Name: PDTB0410.10

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	326	294	338	320	329	299	310	287	324	187	148	123	135	139	177	143	124	79	320	265	340	328	326	329	[NNW]
2	305	318	313	310	296	286	297	294	153	170	131	139	135	142	129	128	127	133	102	73	115	327	338	333	[SE]
3	325	324	271	297	321	312	311	309	265	236	196	207	239	132	133	136	43	334	326	332	333	343	326	325	[NW]
4	308	299	290	321	282	305	305	297	235	273	143	76	347	96	30	2	7	356	352	346	317	315	294	325	[NW]
5	327	337	338	341	124	217	116	111	102	133	66	33	67	9	18	11	335	310	296	326	325	327	328	323	[NNW]
6	318	319	307	307	296	289	292	272	292	51	90	220	228	211	247	237	286	23	294	344	246	326	304	302	[WNW]
7	279	263	320	346	326	38	243	238	243	339	360	352	18	21	29	230	221	259	351	284	264	285	311	290	[WSW]
8	307	281	290	301	292	289	292	259	266	210	172	165	163	137	156	177	155	134	108	36	83	191	322	314	[WNW]
9	282	267	288	268	261	273	263	239	253	217	153	130	129	131	126	129	129	112	73	318	319	317	315	312	[SE]
10	316	294	270	252	210	193	158	156	101	116	125	139	144	151	124	97	324	321	322	328	327	329	334	315	[NW]
11	312	290	318	323	319	302	308	315	321	343	13	24	309	321	322	322	320	325	327	307	308	304	279	264	[NW]
12	321	29	3	357	341	305	310	279	247	19	142	337	357	261	258	297	297	313	322	313	307	290	321	346	[NW]
13	338	329	324	309	290	315	318	315	294	224	281	192	329	147	283	305	225	261	328	325	304	318	320	310	[NW]
14	306	316	279	298	297	304	307	308	271	229	162	138	130	150	137	139	149	135	87	18	337	328	318	304	[NW]
15	301	300	298	265	275	272	272	292	346	136	137	144	127	127	121	133	139	129	105	30	313	315	314	314	[SE]
16	317	313	282	294	303	299	287	320	280	215	253	313	300	311	312	322	318	319	329	328	317	315	315	315	[NW]
17	313	302	309	304	290	307	277	271	255	187	146	140	142	141	134	137	134	131	46	358	332	318	304	284	[SE]
18	257	273	262	292	309	307	312	293	257	180	139	137	140	136	143	132	126	114	330	321	320	322	329	279	[SE]
19	297	315	322	317	325	327	291	275	282	203	142	144	119	123	118	325	319	321	318	317	334	322	325	329	[NW]
20	329	345	342	326	340	242	273	172	134	146	138	6	306	202	212	209	220	208	220	275	319	14	33	50	[NNW]
21	70	7	354	352	342	357	65	129	46	322	341	184	308	243	254	254	240	336	46	338	317	332	335	53	[NNW]
22	318	309	330	330	330	322	327	315	106	110	114	214	229	289	319	317	325	323	320	325	319	316	303	295	[NW]
23	302	299	304	299	291	308	299	310	234	215	151	149	359	321	328	328	321	327	326	323	320	321	314	315	[NW]
24	315	314	309	315	307	297	291	240	308	108	130	107	117	132	134	130	139	126	97	58	57	321	308	316	[NW]
25	312	298	260	259	262	267	256	265	244	210	164	130	124	135	127	132	138	114	341	319	307	321	315	305	[NW]
26	278	280	298	299	296	292	296	277	271	266	231	196	150	163	158	168	342	321	319	329	326	325	321	318	[NW]
27	319	315	314	306	310	317	316	292	245	241	244	323	324	327	333	336	335	333	323	320	325	319	322	321	[NW]
28	311	311	282	299	318	326	328	326	322	350	53	25	340	336	341	348	347	342	343	345	328	331	329	328	[NNW]
29	330	342	350	23	38	338	343	293	325	320	315	321	327	312	326	291	311	281	289	295	309	328	322	321	[NW]
30	314	318	319	313	316	316	317	266	333	357	359	1	1	275	275	277	285	300	285	299	329	328	326	320	[NW]

Prev [NW] [NW] [NW] [NW] [WNW] [NW] [NW] [W] [WSW] [SW] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW] [NW]

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

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

Site: Palm Desert (data subject to change)
Month: April
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 05-11-2010
Printout Time: 13:42:38
Output File Name: PDTB0410.11

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	22.6	33.8	31.5	21.9	25.2	25.1	22.7	26.3	30.7	43.2	40.5	45.1	63.0	44.1	63.3	26.4	44.7	47.2	49.5	37.5	22.3	21.2	20.4	18.9	18.9	63.3	34.5
2	27.4	20.9	22.9	21.8	23.0	24.5	23.6	28.1	35.7	30.5	31.8	29.8	30.7	23.0	25.4	22.5	22.1	20.3	23.1	24.6	41.5	20.0	21.1	20.1	20.0	41.5	25.6
3	23.6	18.8	24.3	33.9	20.4	25.2	24.0	25.1	33.0	46.2	54.4	59.5	38.7	55.2	32.9	30.5	48.8	22.6	19.7	24.3	22.8	24.4	21.1	19.5	18.8	59.5	31.2
4	23.5	22.2	28.7	40.4	22.9	53.2	21.0	30.5	32.0	57.2	32.0	52.9	63.2	55.2	57.5	56.9	34.2	36.4	27.3	31.5	36.9	22.6	46.0	41.3	21.0	63.2	38.6
5	27.6	27.0	28.8	67.6	60.6	37.8	26.1	46.0	54.8	21.9	31.9	35.2	55.7	34.1	38.6	38.9	40.5	33.1	33.1	28.7	20.7	19.7	19.3	20.1	19.3	67.6	35.3
6	20.3	19.8	24.0	26.9	24.3	23.9	24.6	23.7	39.4	42.4	62.3	57.3	35.6	56.1	34.1	26.2	40.7	29.3	41.0	65.9	42.9	31.5	30.7	22.6	19.8	65.9	35.2
7	18.2	40.0	37.0	25.3	48.2	37.1	22.9	49.9	31.6	52.3	35.4	49.7	56.3	55.3	66.1	35.1	28.8	19.2	23.3	14.2	13.6	38.5	47.2	16.0	13.6	66.1	35.9
8	17.2	27.1	21.9	19.5	18.5	19.0	28.4	29.3	39.6	51.6	65.3	56.3	53.2	44.0	35.2	34.9	28.5	18.5	21.1	19.9	27.6	35.7	17.0	21.0	17.0	65.3	31.3
9	22.0	18.4	21.2	15.0	13.1	14.5	13.2	40.4	32.3	32.4	27.9	25.8	29.8	24.9	23.4	22.7	22.4	21.5	34.8	20.7	20.4	24.9	23.1	29.0	13.1	40.4	23.9
10	26.8	22.5	22.9	14.4	9.1	17.3	36.9	30.3	27.4	30.6	35.8	49.1	33.0	52.5	55.0	55.5	22.5	21.0	22.2	19.4	22.1	20.4	22.8	33.1	9.1	55.5	29.3
11	26.5	26.0	21.5	19.1	21.3	27.4	26.7	22.8	22.9	39.9	49.5	54.2	32.7	25.5	26.5	22.6	22.6	19.6	25.7	46.0	25.7	28.5	29.3	57.4	19.1	57.4	30.0
12	41.4	44.7	52.0	25.8	22.9	24.5	23.8	42.8	33.8	53.3	64.5	53.0	42.5	25.6	38.3	45.1	36.3	30.6	23.6	23.9	27.5	27.3	24.5	27.3	22.9	64.5	35.6
13	25.6	26.5	23.1	24.8	24.9	24.5	22.6	23.1	28.1	53.9	70.3	61.6	65.2	53.7	58.8	56.2	22.0	27.6	18.9	19.8	27.0	20.3	23.0	23.6	18.9	70.3	34.4
14	23.2	21.0	20.7	22.5	23.6	24.9	25.8	26.3	28.2	37.0	38.0	28.8	30.6	24.0	26.9	24.3	17.0	20.3	26.7	24.1	19.8	18.1	20.0	23.4	17.0	38.0	24.8
15	24.2	23.2	23.5	17.5	15.6	14.8	16.6	30.3	68.8	46.8	24.1	21.1	25.5	22.9	25.5	22.0	18.4	22.0	22.3	22.5	21.9	21.6	20.9	22.7	14.8	68.8	24.8
16	23.2	24.0	21.1	31.1	23.9	22.8	23.4	22.2	35.1	31.2	54.0	50.7	57.0	32.0	31.0	23.2	20.5	20.3	20.9	19.4	20.4	20.7	19.7	21.4	19.4	57.0	27.9
17	22.1	25.3	24.8	26.2	25.4	27.5	21.0	22.4	23.7	25.0	31.1	24.6	21.9	20.4	21.1	18.5	20.8	22.3	21.3	23.9	23.4	17.4	19.7	19.3	17.4	31.1	22.9
18	13.8	20.7	15.0	21.2	23.1	24.9	24.7	24.4	20.5	50.9	22.7	24.9	18.9	22.3	19.2	21.1	20.9	28.2	22.2	20.0	21.1	20.2	24.1	33.8	13.8	50.9	23.3
19	24.7	22.3	24.6	23.6	20.8	22.2	28.4	28.2	52.7	40.4	20.0	27.0	43.5	53.5	41.4	30.3	28.4	22.5	21.4	23.0	20.0	20.9	19.9	19.6	19.6	53.5	28.3
20	19.4	26.0	24.0	33.4	30.0	38.2	18.1	23.9	24.3	27.1	49.1	57.9	43.8	26.8	21.5	22.6	23.4	20.1	19.1	25.4	26.7	41.1	39.6	35.2	18.1	57.9	29.9
21	48.7	63.1	27.8	25.9	24.5	28.8	39.5	27.3	55.5	58.3	41.3	44.5	64.8	36.8	30.7	29.8	38.7	28.6	61.9	40.8	65.0	68.4	45.9	37.5	24.5	68.4	43.1
22	37.9	45.3	19.3	21.8	19.7	18.6	21.4	51.9	47.7	47.7	66.1	40.9	50.6	28.2	21.9	21.0	20.9	21.1	22.2	19.4	18.8	20.5	24.0	25.3	18.6	66.1	30.5
23	23.9	22.5	24.2	24.9	25.1	26.9	25.6	27.0	32.6	63.7	42.5	61.6	69.1	46.3	33.2	26.4	21.8	19.2	19.0	20.0	20.9	20.1	22.3	20.7	19.0	69.1	30.8
24	21.7	22.4	24.9	21.4	24.9	24.0	26.4	38.6	72.9	38.0	39.7	50.1	46.9	39.1	40.2	29.7	19.8	18.9	21.9	41.4	30.7	25.3	24.1	20.9	18.9	72.9	31.8
25	22.8	23.9	15.1	14.5	14.6	14.5	13.9	19.6	24.4	35.0	53.5	48.8	26.6	23.3	23.2	22.3	21.6	29.5	34.7	29.5	24.1	18.2	21.6	23.9	13.9	53.5	25.0
26	20.3	19.3	25.0	26.5	24.4	23.6	24.5	22.6	25.3	26.7	41.1	56.5	45.2	40.2	46.1	35.7	52.8	20.9	20.8	19.0	18.0	19.0	20.7	21.9	18.0	56.5	29.0
27	20.7	21.7	23.1	25.8	26.5	22.2	23.0	25.8	26.7	30.4	52.3	69.6	29.3	29.4	33.2	24.9	25.9	22.5	23.5	24.1	22.0	20.9	20.5	21.4	20.5	69.6	27.7
28	21.8	24.0	38.5	30.3	22.1	20.2	21.0	20.9	27.6	39.0	53.3	46.6	57.3	28.7	29.9	30.3	32.2	28.7	30.4	37.6	36.6	23.1	23.6	23.2	20.2	57.3	31.1
29	21.5	24.4	38.1	41.1	64.2	21.9	26.8	65.5	22.6	21.3	26.7	31.6	48.1	32.5	32.3	41.8	26.2	26.2	27.7	28.5	25.0	19.5	20.1	21.3	19.5	65.5	31.5
30	22.4	20.7	18.5	21.9	21.7	21.1	21.9	24.1	30.8	29.6	30.9	29.9	36.6	40.4	32.1	37.4	43.2	33.6	26.5	24.6	19.0	19.1	18.7	19.2	18.5	43.2	26.8
Min	13.8	18.4	15.0	14.4	9.1	14.5	13.2	19.6	20.5	21.3	20.0	21.1	18.9	20.4	19.2	18.5	17.0	18.5	18.9	14.2	13.6	17.4	17.0	16.0	9.1		
Max	48.7	63.1	52.0	67.6	64.2	53.2	39.5	65.5	72.9	63.7	70.3	69.6	69.1	56.1	66.1	56.9	52.8	47.2	61.9	65.9	65.0	68.4	47.2	57.4		72.9	
Avg	24.5	26.6	25.6	26.2	25.5	25.0	23.9	30.6	35.4	40.1	42.9	44.8	43.8	36.5	35.5	31.2	28.9	25.1	26.9	27.3	26.1	25.0	25.4			30.3	

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

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

Site: Palm Desert (data subject to change)
Month: April
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 05-11-2010
Printout Time: 13:42:39
Output File Name: PDTB0410.17

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	25.9	19.9	13.7	13.6	11.5	7.1	14.1	14.0	12.4	7.9	9.1	9.6	8.4	13.1	11.2	10.8	14.3	13.5	15.4	11.8	18.3	17.7	14.4	17.1	7.1	25.9	13.5
2	18.1	20.8	22.6	20.5	11.6	11.0	10.0	9.6	6.7	7.6	9.8	11.0	13.1	15.5	13.6	12.9	11.6	9.8	8.3	7.8	5.4	16.1	12.9	10.4	5.4	22.6	12.4
3	6.4	12.9	9.2	14.6	16.9	21.6	20.8	11.4	7.8	5.6	7.9	7.1	7.2	9.5	9.5	13.0	15.5	18.7	23.1	22.8	28.5	24.5	21.1	18.0	5.6	28.5	14.7
4	22.1	13.0	12.3	11.3	10.3	8.8	6.3	8.6	6.1	6.8	7.9	9.4	8.8	8.0	12.2	13.2	11.8	14.5	21.5	18.3	20.2	17.0	14.7	16.3	6.1	22.1	12.5
5	18.9	17.5	17.5	12.5	6.3	10.3	9.0	7.2	11.0	12.6	15.7	18.5	17.7	24.1	24.6	24.1	19.2	21.6	17.4	16.4	20.9	24.7	23.5	23.4	6.3	24.7	17.3
6	21.8	22.3	20.1	15.9	16.1	14.8	11.0	10.2	8.0	8.6	8.5	9.9	10.9	10.2	10.0	9.3	10.0	8.2	7.2	6.2	6.8	6.4	10.7	10.6	6.2	22.3	11.4
7	6.9	8.7	8.2	9.0	4.7	5.0	4.7	5.4	8.8	11.8	15.3	15.4	15.6	12.1	9.5	7.8	9.5	6.7	7.6	7.2	7.3	6.5	7.1	7.1	4.7	15.6	8.7
8	6.0	7.7	6.4	9.9	9.3	8.5	7.9	6.8	7.2	4.2	6.0	7.5	11.0	8.9	10.4	7.2	7.8	9.5	7.9	5.8	7.0	6.2	12.2	12.6	4.2	12.6	8.1
9	12.0	7.4	10.2	6.6	6.9	6.7	6.4	6.0	4.0	5.8	9.4	10.7	10.9	14.0	14.1	12.9	11.5	7.8	13.4	18.6	20.2	19.5	17.3	16.0	4.0	20.2	11.2
10	15.9	9.9	7.2	3.9	3.7	4.2	3.4	3.4	7.3	9.1	12.0	10.5	10.1	9.6	8.9	9.1	17.8	17.2	15.8	17.4	17.5	15.0	15.7	13.1	3.4	17.8	10.7
11	13.3	14.3	23.6	23.8	23.1	22.5	24.8	21.9	18.2	15.4	10.4	10.8	15.9	17.3	20.8	22.0	21.1	23.7	22.9	19.7	23.3	21.7	26.7	18.3	10.4	26.7	19.8
12	13.0	5.0	10.2	9.0	10.4	8.4	13.2	9.9	8.0	8.9	9.6	8.6	20.8	23.2	17.6	17.5	15.6	20.7	25.1	25.0	19.7	24.3	10.0	16.5	5.0	25.1	14.6
13	16.1	16.1	22.9	20.3	19.7	15.4	20.5	19.4	16.2	8.9	7.4	7.8	7.8	8.3	9.0	6.2	8.3	14.5	15.9	18.0	18.6	16.8	18.1	15.9	6.2	22.9	14.5
14	13.9	15.1	10.5	11.8	15.1	16.8	14.8	14.9	13.7	6.2	10.5	14.6	12.4	12.9	14.4	9.8	10.4	10.5	9.8	11.5	13.6	13.0	15.1	15.3	6.2	16.8	12.8
15	16.2	12.1	12.7	12.9	8.2	8.2	7.1	5.5	4.6	6.4	13.1	16.3	16.9	14.2	13.7	13.1	11.1	10.0	5.3	6.5	15.2	16.4	18.9	18.3	4.6	18.9	11.8
16	19.5	18.9	12.8	15.5	17.6	16.4	13.1	18.7	15.1	7.4	8.7	10.1	11.0	15.4	16.4	18.5	21.9	23.6	22.9	20.3	21.4	22.6	23.5	22.3	7.4	23.6	17.2
17	22.6	18.6	21.2	20.4	15.3	14.6	10.2	11.4	8.6	7.4	7.9	10.5	12.7	13.6	11.2	10.4	9.1	6.1	7.5	13.4	11.8	10.6	8.8	7.6	6.1	22.6	12.2
18	6.9	10.7	7.4	11.3	16.3	14.3	16.7	14.5	9.8	7.4	14.0	14.7	16.9	17.8	15.6	12.4	10.1	12.3	19.6	24.3	25.6	23.2	17.0	6.9	6.9	25.6	14.4
19	10.8	15.7	18.9	12.4	12.7	16.1	18.6	16.1	5.6	9.7	14.0	13.1	11.1	11.0	13.4	18.2	19.4	17.8	18.3	16.2	19.5	21.2	14.0	16.2	5.6	21.2	15.0
20	16.1	14.5	9.7	6.8	9.4	4.5	6.4	6.5	9.7	12.1	8.8	17.1	16.0	29.4	31.8	25.5	24.6	31.4	29.3	33.2	22.9	20.0	17.0	12.7	4.5	33.2	17.3
21	16.0	20.5	15.3	17.6	19.8	20.7	15.8	16.4	15.6	21.0	27.7	22.5	14.7	24.6	26.4	22.2	21.8	19.1	10.5	10.4	5.7	9.1	11.6	12.8	5.7	27.7	17.4
22	10.6	11.5	9.9	9.7	11.3	7.2	9.4	13.4	9.1	10.4	9.6	11.0	11.1	16.0	23.3	22.9	21.6	19.8	16.4	14.2	15.3	16.5	15.1	9.9	7.2	23.3	13.6
23	12.7	18.3	16.1	14.5	18.0	14.3	18.5	15.7	14.0	7.1	7.6	8.6	11.3	13.0	18.6	20.2	20.1	21.7	23.6	29.9	23.9	25.3	18.8	17.3	7.1	29.9	17.0
24	19.9	21.0	18.4	20.0	18.4	14.3	11.9	7.8	5.8	10.0	10.9	8.8	8.8	8.5	8.8	10.7	11.2	7.2	6.4	7.1	9.1	10.7	12.9	15.5	5.8	21.0	11.8
25	14.2	15.2	9.9	7.2	7.3	7.5	6.2	7.4	7.2	5.8	7.8	9.4	12.6	12.9	12.4	10.9	9.1	9.1	9.5	6.3	13.4	14.0	14.3	12.5	5.8	15.2	10.1
26	10.8	12.7	12.8	14.7	16.7	16.9	16.5	13.5	7.6	5.5	8.8	10.5	11.3	9.3	12.1	13.1	15.9	18.2	16.1	20.2	19.7	21.6	23.0	21.2	5.5	23.0	14.5
27	21.5	20.5	19.7	19.8	23.9	19.5	18.6	15.7	8.3	6.2	6.2	13.1	20.0	29.3	29.0	25.1	27.0	29.4	31.1	23.5	27.5	26.5	30.0	28.6	6.2	31.1	21.7
28	27.7	25.6	18.3	24.7	24.7	30.8	28.4	28.4	21.8	19.0	9.1	17.8	23.9	25.9	27.7	21.7	33.7	41.4	45.4	42.1	37.2	35.5	33.8	36.8	9.1	45.4	28.4
29	30.2	24.8	23.0	16.4	17.5	22.0	20.8	24.3	29.9	30.8	25.3	20.5	18.6	25.6	20.9	18.8	22.4	20.7	14.1	18.2	18.6	19.8	21.3	19.4	14.1	30.8	21.8
30	17.2	21.2	16.5	20.4	16.3	17.8	14.6	13.1	20.2	22.1	22.3	22.3	21.6	15.8	20.8	12.9	15.5	30.0	15.3	19.1	20.2	21.0	22.9	24.8	12.9	30.0	19.3
Min	6.0	5.0	6.4	3.9	3.7	4.2	3.4	3.4	4.0	4.2	6.0	7.1	7.2	8.0	8.8	6.2	7.8	6.1	5.3	5.8	5.4	6.2	7.1	6.9	3.4		
Max	30.2	25.6	23.6	24.7	24.7	30.8	28.4	28.4	29.9	30.8	27.7	22.5	23.9	29.4	31.8	25.5	33.7	41.4	45.4	42.1	37.2	35.5	33.8	36.8		45.4	
Avg	16.1	15.8	14.6	14.2	14.0	13.5	13.3	12.6	10.9	10.3	11.4	12.6	13.6	15.6	16.3	15.1	16.0	17.2	16.8	17.0	17.8	18.1	17.4	16.4			14.9

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
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Processed using: TABLE.EXE version 1.2

Variable: Battery Voltage
Units: volts
Channel: 7

Site: Palm Desert (data subject to change)
Month: April
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 05-11-2010
Printout Time: 13:42:38
Output File Name: PDTB0410.7

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	12.4	12.4	12.4	12.3	12.3	12.8	13.3	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.2	13.2	13.2	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.3	12.8
2	12.5	12.4	12.4	12.4	12.3	12.4	13.3	13.2	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.3	12.8
3	12.4	12.4	12.4	12.4	12.4	12.4	13.2	13.1	13.0	13.1	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	12.4	13.2	12.8
4	12.4	12.4	12.4	12.4	12.3	12.4	13.2	13.1	13.1	13.1	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	12.3	13.2	12.8
5	12.4	12.4	12.4	12.4	12.3	12.4	13.2	13.2	13.1	13.1	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.2	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.2	12.8
6	12.5	12.4	12.4	12.4	12.3	12.4	13.3	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.3	12.8
7	12.4	12.4	12.4	12.4	12.3	12.4	13.2	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.6	12.5	12.5	12.3	13.2	12.8
8	12.4	12.4	12.4	12.4	12.3	12.4	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.3	13.2	12.7
9	12.4	12.4	12.4	12.4	12.3	12.4	13.2	13.0	13.0	12.9	13.0	12.9	12.9	12.9	13.0	13.0	13.0	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.3	13.2	12.7
10	12.4	12.4	12.3	12.3	12.3	12.3	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.1	13.1	13.1	12.9	12.7	12.7	12.6	12.6	12.5	12.5	12.3	13.2	12.7
11	12.5	12.4	12.4	12.4	12.4	12.4	13.2	13.2	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.4	13.2	12.8
12	12.5	12.4	12.4	12.4	12.4	12.4	12.7	13.2	13.1	13.0	13.1	13.0	13.0	13.0	13.1	13.2	13.2	13.1	12.8	12.7	12.6	12.6	12.6	12.5	12.5	12.4	13.2	12.8
13	12.4	12.4	12.4	12.3	12.3	12.4	13.3	13.2	13.1	13.1	13.0	13.0	13.0	13.0	13.1	13.2	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.3	12.8
14	12.5	12.4	12.4	12.4	12.3	12.4	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	12.3	13.2	12.8
15	12.4	12.4	12.4	12.4	12.3	12.5	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	12.6	12.6	12.6	12.5	12.5	12.3	13.2	12.8
16	12.5	12.4	12.4	12.4	12.4	12.5	13.1	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.4	13.1	12.7
17	12.4	12.4	12.4	12.4	12.4	12.6	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.7	12.6	12.6	12.6	12.5	12.5	12.4	13.1	12.8
18	12.4	12.4	12.4	12.4	12.4	12.6	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.1	13.0	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.4	13.1	12.7
19	12.4	12.4	12.4	12.4	12.4	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	12.6	12.5	12.5	12.5	12.4	13.1	12.7
20	12.4	12.4	12.4	12.4	12.4	12.5	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	12.8	12.7	12.7	12.6	12.5	12.5	12.5	12.4	13.1	12.8
21	12.4	12.4	12.4	12.3	12.3	12.6	13.2	13.1	13.1	13.2	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.0	12.8	12.7	12.7	12.6	12.6	12.5	12.3	13.2	12.8
22	12.5	12.4	12.4	12.4	12.3	12.4	13.2	13.1	13.1	13.1	13.1	13.1	13.2	13.1	13.2	13.3	13.3	13.3	13.0	12.8	12.7	12.7	12.6	12.6	12.6	12.3	13.3	12.8
23	12.5	12.5	12.4	12.4	12.4	12.5	13.2	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.1	13.2	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.6	12.5	12.4	13.2	12.8
24	12.5	12.4	12.4	12.4	12.4	12.6	13.2	13.0	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	12.4	13.2	12.8
25	12.5	12.4	12.4	12.4	12.4	12.5	13.1	13.1	13.0	13.0	13.0	12.9	12.9	13.0	13.1	13.0	13.0	13.0	12.8	12.7	12.6	12.6	12.6	12.5	12.5	12.4	13.1	12.8
26	12.5	12.4	12.4	12.4	12.4	12.5	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	12.7	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	12.5	13.1	13.0	12.9	13.0	12.9	12.9	13.0	13.0	13.1	13.1	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.4	13.1	12.7
28	12.4	12.4	12.4	12.4	12.4	12.5	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	12.8	12.6	12.6	12.6	12.5	12.5	12.4	13.1	12.8
29	12.4	12.4	12.4	12.4	12.3	12.5	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.1	13.2	12.9	12.8	12.7	12.7	12.6	12.6	12.5	12.3	13.2	12.8
30	12.5	12.4	12.4	12.4	12.3	12.4	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.1	13.1	13.1	13.1	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.3	13.2	12.8
Min	12.4	12.4	12.3	12.3	12.3	12.3	12.7	13.0	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.8	12.6	12.6	12.6	12.5	12.5	12.5	12.3		
Max	12.5	12.5	12.4	12.4	12.4	12.6	13.3	13.3	13.1	13.2	13.1	13.2	13.1	13.2	13.3	13.3	13.3	13.3	13.0	12.8	12.7	12.7	12.6	12.6	12.6		13.3	
Avg	12.5	12.4	12.4	12.4	12.3	12.5	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			12.8

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