

Palm Desert Meteorological Data

November 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: November
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 01-18-2011
Printout Time: 15:24:46
Output File Name: PDTB1110.9

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	3.4	4.0	4.0	4.0	3.4	3.9	4.1	4.1	3.5	4.1	3.9	3.5	3.7	3.4	4.3	4.2	3.5	3.2	3.1	3.2	3.4	2.6	2.2	2.8	2.2	4.3	3.6
2	3.1	4.1	3.6	3.0	2.8	3.6	3.4	2.7	2.9	3.1	3.6	2.6	3.2	4.2	2.7	1.8	1.7	1.6	2.1	2.9	3.6	3.0	3.0	3.6	1.6	4.2	3.0
3	3.5	3.0	2.9	4.2	2.7	3.5	2.7	3.0	1.9	1.1	1.8	2.3	2.7	1.5	2.7	2.5	2.0	1.6	1.8	1.1	3.3	3.2	3.8	2.8	1.1	4.2	2.6
4	3.3	3.7	3.9	3.7	3.2	3.2	3.5	2.8	1.8	0.9	2.1	3.8	4.9	5.4	3.7	3.0	1.6	1.9	2.3	3.1	3.4	3.1	3.8	3.2	0.9	5.4	3.1
5	3.3	3.8	3.3	3.8	4.1	3.3	3.4	2.6	2.6	1.8	1.1	3.1	3.4	4.0	4.4	2.8	2.6	1.7	1.9	2.9	3.2	2.4	2.7	3.6	1.1	4.4	3.0
6	3.4	3.8	4.1	2.4	3.1	1.4	2.2	1.6	1.2	2.1	4.6	5.6	5.2	6.2	4.9	5.3	5.7	5.6	8.3	8.6	8.0	6.6	3.0	4.9	1.2	8.6	4.5
7	8.7	8.7	6.0	2.8	6.6	7.7	5.1	9.1	5.3	3.1	2.0	1.7	1.9	1.7	1.8	2.0	4.1	6.4	8.2	6.8	5.6	2.9	2.8	2.4	1.7	9.1	4.7
8	2.7	3.6	7.3	7.7	8.2	4.6	5.4	5.8	3.2	3.7	4.4	3.4	2.6	3.7	7.5	6.5	3.5	6.5	8.6	11.7	10.2	8.0	6.3	5.7	2.6	11.7	5.9
9	5.7	7.0	5.4	5.7	5.8	4.1	4.3	4.5	4.8	4.0	2.5	1.7	2.5	2.6	1.8	2.9	1.7	1.7	2.6	2.4	2.8	2.4	3.1	3.1	1.7	7.0	3.5
10	3.3	3.3	3.0	2.6	3.0	4.0	2.4	0.9	2.4	2.5	3.2	2.4	2.5	2.6	2.4	1.9	1.8	5.5	7.5	8.9	6.3	7.6	6.0	5.2	0.9	8.9	3.8
11	5.1	5.2	4.0	3.3	3.9	5.2	3.7	5.9	7.6	6.2	4.7	5.6	5.7	5.0	4.8	6.0	4.1	3.1	5.8	5.6	4.3	4.8	4.4	3.6	3.1	7.6	4.9
12	2.2	2.2	3.7	3.7	2.7	3.2	2.4	2.6	2.4	2.4	1.5	1.6	2.2	2.2	2.4	1.9	1.8	1.6	1.3	2.1	3.4	3.1	3.1	3.8	1.3	3.8	2.5
13	4.0	3.5	3.8	3.4	3.3	2.6	1.8	2.2	2.3	0.8	2.3	2.3	3.7	2.4	3.2	1.3	2.4	3.5	2.9	3.0	3.0	3.7	4.0	4.3	0.8	4.3	2.9
14	3.0	3.8	4.1	3.8	4.3	6.1	4.2	4.5	2.3	3.2	3.5	7.5	6.6	7.8	5.5	3.0	2.3	1.3	2.6	3.3	3.5	3.5	3.1	4.2	1.3	7.8	4.0
15	4.2	4.1	4.9	4.2	3.9	3.0	3.6	3.8	3.7	4.4	3.1	2.4	3.4	2.6	2.3	2.2	4.5	3.2	4.1	5.4	6.4	6.6	6.1	3.8	2.2	6.6	4.0
16	4.1	3.8	3.9	3.7	4.1	3.0	2.2	1.9	1.2	3.0	4.8	3.9	4.5	5.1	4.2	3.1	1.4	1.2	1.6	2.3	5.1	5.9	6.9	7.8	1.2	7.8	3.7
17	6.1	4.2	3.8	4.4	3.0	2.6	2.6	1.3	0.9	1.4	1.3	2.6	4.3	4.9	4.7	4.9	2.3	1.2	1.0	2.7	3.6	2.7	3.2	3.9	0.9	6.1	3.1
18	3.2	3.5	3.5	3.1	3.6	4.0	4.0	3.1	3.3	3.6	1.7	0.9	3.3	5.0	4.2	3.5	2.0	1.4	1.5	2.1	3.5	3.1	3.0	3.0	0.9	5.0	3.0
19	3.6	3.0	3.0	2.5	2.9	1.6	1.1	1.5	1.2	1.7	1.6	2.6	1.5	4.7	7.8	8.3	7.3	6.9	6.3	4.5	5.4	2.1	4.8	5.4	1.1	8.3	3.8
20	3.1	2.8	4.1	2.3	3.3	2.4	2.7	1.9	2.3	2.0	2.0	2.3	2.6	1.8	5.1	4.0	5.1	4.6	2.2	1.9	2.5	1.8	2.5	3.9	1.8	5.1	2.9
21	2.2	1.5	3.2	4.7	3.9	3.0	2.9	7.4	14.5	9.4	8.5	6.8	6.2	7.7	6.2	3.8	4.3	3.4	3.2	5.0	3.4	2.8	2.4	4.2	1.5	14.5	5.0
22	3.2	4.4	2.6	2.9	1.4	3.3	2.9	4.3	3.8	2.8	3.6	2.8	2.2	1.7	1.9	1.5	0.9	1.2	2.3	2.7	4.5	3.3	2.0	6.5	0.9	6.5	2.9
23	5.2	3.9	2.7	2.9	2.0	1.5	1.6	2.1	2.3	2.4	4.7	4.4	5.4	5.2	5.3	4.0	2.8	2.4	2.8	3.0	3.5	2.3	2.6	2.2	1.5	5.4	3.2
24	2.2	2.7	2.9	2.9	3.1	1.6	2.0	2.9	2.1	6.7	9.0	7.9	7.6	8.0	9.7	8.0	6.8	5.4	5.0	5.1	4.9	4.5	3.5	5.1	1.6	9.7	5.0
25	5.9	5.8	5.0	4.0	4.7	5.4	3.4	5.9	7.3	6.2	3.6	5.3	3.8	2.2	4.5	3.4	3.1	3.7	3.1	3.1	3.7	3.3	3.4	3.5	2.2	7.3	4.3
26	3.7	2.8	3.2	3.1	3.1	3.0	3.2	3.8	2.1	1.3	1.1	1.3	2.0	3.2	3.4	3.3	1.9	0.8	2.1	2.9	3.7	3.0	3.1	3.4	0.8	3.8	2.7
27	3.8	4.0	2.6	3.6	3.1	3.0	3.9	3.3	1.9	1.2	1.2	3.2	4.9	4.0	4.1	3.9	2.3	1.9	1.3	1.4	2.1	1.9	4.5	5.9	1.2	5.9	3.0
28	9.4	9.3	5.6	3.3	9.4	8.5	5.1	5.6	7.1	7.3	12.0	15.1	13.4	11.9	11.3	9.6	8.9	8.6	9.0	7.3	3.8	3.8	4.1	3.5	3.3	15.1	8.0
29	3.7	3.9	7.1	5.8	4.9	3.8	2.8	3.3	4.2	6.5	6.3	5.4	5.5	5.9	4.7	4.0	4.1	4.5	3.9	3.4	4.2	3.9	4.2	3.5	2.8	7.1	4.6
30	3.8	1.9	2.5	2.5	3.1	3.4	2.5	2.3	2.2	1.1	1.1	2.2	2.3	2.9	3.6	3.0	1.3	1.2	2.3	1.9	3.1	2.9	3.2	2.7	1.1	3.8	2.5
Min	2.2	1.5	2.5	2.3	1.4	1.4	1.1	0.9	0.9	0.8	1.1	0.9	1.5	1.5	1.8	1.3	0.9	0.8	1.0	1.1	2.1	1.8	2.0	2.2	0.8		
Max	9.4	9.3	7.3	7.7	9.4	8.5	5.4	9.1	14.5	9.4	12.0	15.1	13.4	11.9	11.3	9.6	8.9	8.6	9.0	11.7	10.2	8.0	6.9	7.8		15.1	
Avg	4.1	4.0	4.0	3.7	3.9	3.7	3.2	3.5	3.5	3.3	3.6	3.9	4.1	4.3	4.5	3.9	3.3	3.2	3.7	4.0	4.2	3.7	3.7	4.1			3.8

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

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

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

Validation Level: B
 Printout Date: 01-18-2011
 Printout Time: 15:24:47
 Output File Name: PDTB1110.10

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	293	307	302	286	297	304	282	299	271	260	268	273	304	322	311	338	334	283	277	269	270	308	293	332	[WNW]
2	317	322	311	299	300	321	306	306	276	264	261	241	196	162	174	175	135	119	347	303	293	308	291	312	[NW]
3	285	304	283	296	293	306	315	298	301	156	145	119	110	137	114	116	113	131	31	285	290	280	275	276	[WNW]
4	279	301	296	266	302	281	285	277	297	241	148	156	139	140	129	119	133	186	318	305	276	277	283	289	[WNW]
5	284	272	280	268	270	283	279	290	271	263	203	131	134	144	144	125	99	61	292	274	282	285	276	269	[W]
6	266	263	268	253	283	280	282	23	287	98	137	133	122	126	131	128	148	311	350	326	325	323	263	313	[W]
7	319	308	289	295	307	312	294	311	283	264	198	212	204	211	321	6	328	325	323	316	310	308	317	295	[NW]
8	289	283	298	302	308	285	299	312	280	277	339	18	44	148	312	299	275	311	321	332	329	332	318	312	[NW]
9	288	303	287	307	308	287	287	300	290	274	230	208	252	234	245	168	176	227	311	275	249	276	265	269	[WNW]
10	268	265	272	276	281	274	281	269	153	113	139	123	128	134	159	167	129	325	326	330	331	320	319	301	[W]
11	287	299	273	297	304	302	259	304	329	329	348	349	340	355	358	5	360	310	321	323	285	284	279	268	[WNW]
12	308	308	262	280	352	327	210	322	309	264	251	164	172	150	120	134	140	111	19	333	282	270	274	283	[W]
13	276	271	278	318	261	334	333	277	263	19	332	257	265	355	354	276	274	12	334	239	324	287	261	278	[W]
14	265	320	18	319	347	309	323	304	179	227	245	2	8	5	347	253	347	161	186	253	291	293	263	278	[NW]
15	274	275	263	278	271	266	263	264	285	239	222	227	173	208	251	275	319	347	320	322	313	311	302	274	[W]
16	267	259	256	255	269	285	260	287	75	144	114	108	119	121	123	126	123	182	341	307	305	300	315	303	[ESE]
17	291	281	254	281	288	250	328	311	235	192	77	116	124	126	118	142	96	165	299	314	274	265	274	276	[W]
18	289	271	274	268	273	267	271	270	262	253	251	239	137	139	138	140	135	90	36	279	277	277	274	286	[W]
19	267	264	273	289	270	235	62	321	336	7	230	146	55	322	318	320	319	319	324	320	318	280	333	304	[NW]
20	267	331	349	282	258	194	244	248	155	128	6	185	249	284	313	324	317	316	340	159	132	72	7	3	[NW]
21	22	41	2	264	97	68	6	273	249	256	282	301	313	333	348	46	63	78	360	250	308	352	22	308	[N]
22	304	335	306	342	148	359	335	306	233	287	314	353	310	146	97	101	262	286	290	326	329	307	286	319	[NW]
23	310	302	270	258	242	218	193	212	310	200	173	154	147	136	130	108	109	129	116	233	88	93	345	248	[SE]
24	272	198	126	100	280	299	262	265	283	304	317	318	317	319	318	315	311	299	295	295	287	288	288	286	[WNW]
25	295	309	293	284	299	332	313	321	329	294	326	321	252	200	343	341	342	267	274	296	270	324	272	273	[WNW]
26	301	271	303	284	272	292	294	283	279	351	38	180	139	113	117	124	127	312	302	300	277	270	280	279	[WNW]
27	274	263	290	280	282	278	281	283	262	284	178	120	125	113	125	112	103	96	12	209	277	334	297	316	[W]
28	322	334	11	64	312	302	295	314	297	288	314	322	316	314	315	320	321	316	328	333	328	242	288	276	[NW]
29	258	285	329	314	302	277	270	276	329	345	10	22	22	0	8	1	19	320	269	276	272	285	272	287	[W]
30	316	282	306	313	301	283	302	304	287	211	122	126	123	110	116	112	99	70	329	301	285	290	279	297	[WNW]

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

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

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

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: November
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 01-18-2011
Printout Time: 15:24:47
Output File Name: PDTB1110.11

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	17.7	18.8	20.9	22.7	22.8	22.1	20.5	23.2	22.6	22.3	24.4	29.5	32.0	38.4	28.6	30.2	24.3	19.0	20.1	15.8	14.1	30.8	43.0	23.1	14.1	43.0	24.4
2	19.4	12.9	17.6	25.5	31.7	23.2	21.5	27.4	25.0	23.7	24.1	26.2	31.9	20.0	24.8	17.5	10.3	15.2	19.1	23.5	16.2	22.1	19.2	39.7	10.3	39.7	22.4
3	16.8	22.4	13.7	16.6	15.8	15.1	41.9	15.9	25.9	36.8	27.6	33.2	31.9	46.4	26.0	25.4	15.5	13.8	26.6	65.9	8.8	11.0	13.5	14.0	8.8	65.9	24.2
4	13.1	16.0	18.5	12.4	14.4	14.9	14.7	15.4	26.8	40.5	36.5	25.6	22.8	21.6	23.8	25.4	19.6	13.7	7.8	12.6	9.2	11.7	13.3	12.6	7.8	40.5	18.5
5	13.7	13.6	14.7	12.7	13.4	14.8	16.7	15.9	17.7	28.4	58.3	26.5	28.7	23.2	21.6	22.6	23.4	22.5	39.0	9.9	15.6	20.6	15.4	10.7	9.9	58.3	20.8
6	12.3	14.2	12.9	39.1	16.6	22.9	19.1	45.9	45.4	31.9	23.6	22.4	27.3	23.7	23.7	21.3	21.2	40.2	28.7	27.5	22.5	25.0	22.3	20.6	12.3	45.9	25.4
7	20.4	23.3	25.0	27.0	24.9	24.5	26.7	22.7	31.1	50.3	36.9	41.0	48.7	54.6	41.1	32.2	20.2	20.1	21.1	23.1	27.2	24.3	24.5	32.4	20.1	54.6	30.1
8	31.2	38.1	26.3	30.1	25.9	29.7	32.3	27.7	42.6	52.9	44.5	40.5	69.8	40.4	31.4	32.8	42.5	25.5	24.9	22.0	20.5	20.4	22.3	22.3	20.4	69.8	33.2
9	24.3	25.0	23.7	25.0	22.1	23.3	21.8	26.3	26.2	26.6	39.0	62.7	54.8	44.0	52.3	21.9	10.7	18.0	15.0	17.3	13.5	11.4	18.1	13.9	10.7	62.7	26.5
10	14.6	11.1	11.9	10.6	13.9	11.5	43.8	61.7	21.9	30.2	25.5	50.2	37.1	29.5	34.4	20.2	37.4	34.3	20.3	22.8	22.0	23.8	21.8	23.4	10.6	61.7	26.4
11	21.8	23.0	20.6	24.1	22.9	22.6	21.0	24.2	25.3	35.3	45.6	34.8	33.8	32.1	35.8	31.0	31.0	23.0	18.5	18.4	25.1	22.8	22.5	19.1	18.4	45.6	26.4
12	27.8	17.8	16.1	19.4	43.3	19.2	18.9	33.6	25.1	24.0	55.7	42.7	37.7	33.0	30.2	23.3	23.2	22.3	21.2	18.8	14.8	23.0	13.9	19.9	13.9	55.7	26.0
13	13.6	18.5	17.9	22.1	36.7	31.0	30.2	29.4	24.6	32.9	40.8	35.7	32.2	67.4	30.8	33.0	14.6	32.4	26.4	45.3	34.5	32.7	19.4	21.3	13.6	67.4	30.2
14	22.3	29.1	30.6	41.6	36.6	31.5	60.6	36.1	28.7	29.2	52.1	33.4	36.7	32.3	41.5	35.9	65.5	56.9	18.3	18.0	19.9	22.8	21.6	21.0	18.0	65.5	34.3
15	24.4	29.0	26.9	37.4	23.7	29.6	15.6	20.9	27.2	20.3	21.7	28.9	26.4	30.5	29.1	22.1	18.9	46.5	26.8	21.6	23.2	23.9	25.8	25.9	15.6	46.5	26.1
16	26.3	17.2	16.0	21.9	17.4	34.7	32.1	25.6	32.3	24.9	24.4	26.7	25.0	24.4	23.9	25.5	20.4	12.6	28.1	21.3	23.0	25.4	23.7	23.1	12.6	34.7	24.0
17	24.7	21.2	16.5	22.0	48.3	33.5	14.3	23.3	38.1	50.2	46.7	30.0	22.9	25.5	25.0	18.9	24.6	28.5	5.7	12.4	11.6	12.0	12.9	13.3	5.7	50.2	24.3
18	19.8	15.7	15.6	13.4	15.4	14.9	12.9	15.2	16.3	18.0	26.8	36.4	31.4	22.1	21.7	18.4	16.8	18.5	19.3	9.2	12.0	12.5	13.4	17.1	9.2	36.4	18.0
19	12.8	14.1	34.7	25.1	12.7	47.4	16.8	35.1	21.8	34.5	45.1	32.3	71.5	36.7	23.7	21.5	21.0	21.8	22.2	22.8	24.1	40.7	21.6	25.7	12.7	71.5	28.6
20	34.8	66.8	48.8	49.5	61.5	43.8	56.0	51.9	30.9	31.8	37.8	57.1	55.3	66.6	28.5	26.4	23.0	37.2	61.2	60.4	61.1	62.2	50.7	30.9	23.0	66.8	47.3
21	62.8	59.0	64.8	93.3	67.5	66.9	85.7	52.4	19.3	24.0	29.8	30.9	37.7	40.5	41.3	49.4	34.8	42.7	57.8	37.8	45.2	39.5	26.8	52.5	19.3	93.3	48.4
22	46.3	32.9	48.5	65.0	49.8	36.1	31.4	24.6	34.6	35.6	44.8	47.3	60.9	63.7	40.8	35.6	35.3	18.2	28.1	41.0	22.4	23.2	26.5	23.5	18.2	65.0	38.2
23	25.5	21.2	16.6	15.8	17.4	28.8	29.7	34.1	37.9	12.3	17.3	24.4	21.6	24.7	22.6	25.8	34.6	30.8	48.8	73.0	28.2	38.5	52.8	37.3	12.3	73.0	30.0
24	39.8	43.9	49.0	41.8	32.0	15.8	38.0	25.5	28.1	27.2	25.7	25.8	24.7	24.7	21.9	21.8	23.7	25.4	25.7	23.9	21.5	21.9	29.3	24.1	15.8	49.0	28.4
25	21.5	22.6	24.6	25.2	23.4	23.8	25.8	22.5	25.5	35.4	43.9	35.4	46.1	47.6	31.5	42.7	26.3	18.4	17.1	31.0	21.4	18.8	18.9	27.4	17.1	47.6	28.2
26	23.7	21.0	16.5	14.7	17.7	15.3	15.5	19.8	33.1	30.8	68.4	55.8	42.3	28.5	21.4	21.5	14.1	24.6	16.1	12.3	12.2	13.6	13.5	13.2	12.2	68.4	23.6
27	13.2	13.9	23.5	12.0	12.1	9.3	12.9	18.4	20.1	47.6	49.2	24.8	27.5	25.9	25.3	26.7	26.6	30.9	50.3	49.6	43.8	65.2	38.9	34.1	9.3	65.2	29.2
28	28.3	32.1	31.8	47.1	36.9	30.7	51.8	23.9	33.8	39.2	25.1	21.4	21.7	22.4	20.5	21.7	20.5	21.2	19.5	20.7	22.8	13.6	23.7	22.6	13.6	51.8	27.2
29	20.9	22.6	22.7	27.2	26.2	33.3	44.0	48.1	34.9	28.2	32.5	37.3	33.8	32.1	35.5	31.1	28.8	28.0	21.7	20.8	17.7	21.5	21.5	46.5	17.7	48.1	29.9
30	20.7	30.1	42.0	20.0	16.7	16.5	26.5	18.4	23.4	40.6	47.4	50.8	44.9	34.0	24.8	24.6	21.6	43.2	13.5	17.0	10.9	13.4	14.7	11.0	10.9	50.8	26.1
Min	12.3	11.1	11.9	10.6	12.1	9.3	12.9	15.2	16.3	12.3	17.3	21.4	21.6	20.0	20.5	17.5	10.3	12.6	5.7	9.2	8.8	11.0	12.9	10.7	5.7		
Max	62.8	66.8	64.8	93.3	67.5	66.9	85.7	61.7	45.4	52.9	68.4	62.7	71.5	67.4	52.3	49.4	65.5	56.9	61.2	73.0	61.1	65.2	52.8	52.5		93.3	
Avg	23.8	24.9	25.6	28.7	27.3	26.2	30.0	28.8	28.2	32.2	37.4	35.7	37.3	35.2	29.4	26.9	25.0	26.8	25.6	27.2	22.2	24.9	23.5	24.1			28.2

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

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

Validation Level: B
Printout Date: 01-18-2011
Printout Time: 15:24:50
Output File Name: PDTB1110.17

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	7.0	8.6	9.2	9.4	7.9	9.6	9.0	9.5	7.5	8.7	8.6	9.1	12.4	10.8	10.6	11.3	10.6	7.7	7.6	6.1	7.2	5.9	5.0	6.7	5.0	12.4	8.6
2	7.0	8.0	7.9	7.4	6.7	8.7	7.7	6.5	6.6	7.5	8.8	6.1	8.9	9.8	8.6	5.9	3.6	3.4	4.5	6.9	8.0	7.4	5.6	7.2	3.4	9.8	7.0
3	7.0	6.9	6.8	8.4	5.7	7.6	6.9	5.4	4.7	3.9	5.0	6.1	7.4	4.5	6.4	6.2	4.4	3.8	3.8	3.2	5.0	5.6	7.4	5.8	3.2	8.4	5.8
4	8.0	9.1	8.9	6.6	6.1	6.5	7.4	6.1	5.1	2.9	6.1	10.2	10.3	10.8	8.8	7.6	5.8	3.7	4.2	4.7	5.6	6.0	7.3	6.4	2.9	10.8	6.8
5	6.6	7.6	7.3	6.9	8.0	7.2	7.0	5.7	5.9	4.1	5.0	8.0	10.1	8.6	11.6	8.0	5.9	5.0	4.5	6.1	6.4	6.8	5.6	6.7	4.1	11.6	6.9
6	6.1	7.9	7.2	6.7	6.4	4.1	4.6	4.8	3.6	6.7	11.1	12.8	13.1	15.2	13.5	11.6	14.1	20.2	20.1	25.9	19.7	16.9	8.3	11.9	3.6	25.9	11.4
7	18.3	20.7	21.5	7.7	17.1	18.4	14.4	21.0	21.6	9.1	5.1	5.2	5.7	5.3	6.6	8.1	12.2	14.4	18.9	17.2	15.9	12.5	7.0	8.8	5.1	21.6	13.0
8	6.4	13.0	24.3	21.5	25.9	14.8	16.6	15.7	11.8	11.8	13.3	10.5	8.3	10.7	25.7	23.9	14.1	16.7	23.2	24.0	22.0	19.7	15.7	12.7	6.4	25.9	16.8
9	13.6	16.1	17.2	13.7	12.8	11.0	12.4	11.5	12.1	9.9	7.0	5.5	7.6	6.7	6.2	7.3	4.9	4.0	5.7	5.7	6.6	5.0	5.3	5.8	4.0	17.2	8.9
10	6.8	5.8	6.9	5.8	6.6	7.5	5.0	4.8	6.6	6.7	8.5	6.9	8.0	6.9	7.4	4.7	6.0	16.7	17.2	20.7	14.5	20.7	17.0	14.5	4.7	20.7	9.7
11	11.4	11.0	10.3	9.9	10.5	16.4	9.6	15.6	22.1	19.1	14.6	17.4	16.4	14.1	13.4	18.4	11.4	9.1	12.3	14.3	11.7	14.1	11.8	9.2	9.1	22.1	13.5
12	6.0	6.7	7.7	8.2	7.8	6.8	5.3	6.6	7.1	5.1	5.8	6.1	7.1	7.4	7.4	5.8	5.6	4.2	3.5	4.4	7.7	6.6	6.1	8.8	3.5	8.8	6.4
13	7.0	5.9	6.9	8.7	8.3	6.9	5.6	5.0	5.6	4.7	7.4	7.3	9.1	13.2	12.0	5.6	7.7	12.2	9.4	9.1	10.1	7.4	9.5	12.6	4.7	13.2	8.2
14	9.4	10.4	22.1	18.0	14.0	15.9	18.1	15.6	6.6	8.4	12.0	24.2	21.3	21.5	17.0	8.3	5.8	5.0	5.8	6.6	8.8	9.6	6.4	9.5	5.0	24.2	12.5
15	10.7	9.1	11.4	10.5	8.3	6.5	7.2	9.6	10.1	9.5	6.9	6.7	9.1	8.3	5.9	5.6	10.3	11.3	10.9	12.9	13.4	15.3	17.0	10.2	5.6	17.0	9.9
16	8.6	7.4	8.2	8.3	8.1	7.4	7.8	5.2	3.1	8.9	11.8	9.9	11.8	11.8	10.5	8.3	5.5	2.6	4.9	8.8	15.8	16.2	18.1	20.2	2.6	20.2	9.5
17	14.3	11.6	7.1	10.2	9.6	5.9	4.9	4.8	2.9	4.5	4.2	5.9	9.9	11.7	10.8	12.1	6.1	3.4	2.9	5.2	6.5	5.7	5.8	6.8	2.9	14.3	7.2
18	7.8	7.3	7.2	6.9	6.9	7.5	6.9	6.1	6.4	7.2	4.7	3.7	9.5	11.6	10.2	8.8	5.0	3.4	3.4	5.1	5.8	6.4	6.6	5.9	3.4	11.6	6.7
19	6.1	5.9	7.3	4.8	5.6	5.0	5.1	4.0	4.5	4.2	5.6	7.1	4.9	12.7	18.3	17.8	17.9	15.3	15.1	11.0	14.2	9.0	14.0	13.7	4.0	18.3	9.5
20	12.7	14.6	16.2	10.2	9.3	6.6	9.4	5.7	6.0	6.4	7.3	8.1	9.1	7.7	13.5	13.1	12.9	13.1	7.4	6.9	5.9	5.6	9.5	10.3	5.6	16.2	9.5
21	10.4	5.6	9.7	15.9	12.9	8.8	12.0	28.2	31.4	24.0	27.4	20.5	18.0	25.4	25.3	20.0	14.4	15.1	12.9	12.7	12.0	12.1	9.5	17.6	5.6	31.4	16.7
22	16.1	13.6	10.6	8.8	4.9	13.3	10.4	14.5	9.8	6.9	11.3	11.1	7.8	5.3	6.9	4.6	5.0	4.5	7.0	8.6	11.8	10.4	8.6	15.8	4.5	16.1	9.5
23	13.6	11.5	6.3	5.5	4.2	4.2	4.5	5.4	6.2	7.0	9.0	9.4	11.3	11.5	11.8	9.8	8.8	5.6	9.8	12.1	9.6	10.3	10.1	5.5	4.2	13.6	8.5
24	5.9	8.0	8.7	8.7	7.5	4.8	4.2	9.8	7.4	19.4	19.2	16.9	17.9	19.1	19.1	17.9	16.2	13.0	12.2	11.6	11.2	11.7	11.1	13.1	4.2	19.4	12.3
25	15.8	13.4	12.6	11.1	13.5	19.7	11.4	17.3	18.9	20.8	15.6	17.7	12.4	6.7	12.6	12.1	9.2	10.6	7.5	7.8	6.4	5.9	7.8	6.5	5.9	20.8	12.2
26	7.6	6.1	7.8	6.4	6.3	7.2	6.4	8.0	5.8	3.9	3.9	4.5	6.4	7.8	8.0	7.4	5.0	3.1	5.0	5.6	6.4	6.4	6.1	6.0	3.1	8.0	6.1
27	7.2	8.6	7.3	6.6	5.8	7.0	7.2	6.9	4.7	3.8	5.0	7.1	11.3	9.8	10.6	10.2	7.2	6.1	3.9	5.3	7.7	9.3	16.7	20.0	3.8	20.0	8.1
28	24.4	29.8	19.3	18.0	31.5	27.2	18.6	18.3	20.1	19.4	27.3	30.5	28.9	28.4	25.2	20.3	21.4	21.5	20.8	16.7	12.6	7.0	9.4	7.6	7.0	31.5	21.0
29	7.6	12.1	17.7	15.6	18.0	13.4	7.3	15.7	15.1	17.8	18.3	15.8	17.5	17.6	17.1	11.7	14.3	15.4	8.4	9.5	10.2	11.8	9.0	9.4	7.3	18.3	13.6
30	8.0	4.5	8.3	4.7	6.4	6.7	5.3	6.8	6.4	3.1	3.3	6.3	7.6	7.8	8.0	7.8	4.6	3.2	4.3	4.5	5.8	5.6	6.5	5.0	3.1	8.3	5.9
Min	5.9	4.5	6.3	4.7	4.2	4.1	4.2	4.0	2.9	2.9	3.3	3.7	4.9	4.5	5.9	4.6	3.6	2.6	2.9	3.2	5.0	5.0	5.0	5.0	2.6		
Max	24.4	29.8	24.3	21.5	31.5	27.2	18.6	28.2	31.4	24.0	27.4	30.5	28.9	28.4	25.7	23.9	21.4	21.5	23.2	25.9	22.0	20.7	18.1	20.2		31.5	
Avg	9.9	10.2	11.0	9.7	10.1	9.8	8.6	10.0	9.5	9.2	10.0	10.6	11.3	11.6	12.3	10.7	9.2	9.1	9.2	10.0	10.1	9.8	9.5	10.0			10.1

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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- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
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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: November
Year: 2010
Time Zone: PST

Validation Level: B
Printout Date: 01-18-2011
Printout Time: 15:24:45
Output File Name: PDTB1110.7

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	12.2	12.2	12.2	12.2	12.1	12.1	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.9	13.0	12.9	12.7	12.6	12.5	12.5	12.4	12.4	12.3	12.2	12.1	13.2	12.6
2	12.2	12.2	12.1	12.1	12.1	12.1	13.1	13.2	13.1	13.0	12.9	12.9	12.9	12.9	13.0	12.9	12.7	12.6	12.5	12.4	12.4	12.3	12.3	12.2	12.1	13.2	12.6
3	12.2	12.2	12.2	12.1	12.1	12.1	13.1	13.1	13.1	13.0	12.9	12.9	12.9	12.9	13.0	12.9	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.2	12.1	13.1	12.6
4	12.2	12.2	12.2	12.1	12.1	12.1	13.2	13.1	13.1	13.0	12.9	12.9	12.9	12.9	13.0	12.9	12.7	12.6	12.5	12.5	12.4	12.4	12.3	12.2	12.1	13.2	12.6
5	12.2	12.1	12.2	12.1	12.1	12.1	13.2	13.2	13.1	13.0	12.9	12.9	12.9	13.0	13.0	12.9	12.7	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.1	13.2	12.6
6	12.2	12.2	12.2	12.1	12.1	12.1	12.5	13.2	13.1	13.1	13.0	13.0	12.9	13.0	13.0	13.0	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.1	13.2	12.6
7	12.2	12.2	12.2	12.1	12.1	12.1	13.2	13.2	13.2	13.1	13.0	13.0	12.9	13.0	13.1	13.0	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.1	13.2	12.6
8	12.3	12.2	12.2	12.2	12.1	12.1	12.2	13.1	13.2	13.1	13.0	13.0	13.0	13.0	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.1	13.2	12.6
9	12.3	12.2	12.2	12.1	12.1	12.1	13.3	13.3	13.2	13.1	13.1	13.0	13.0	13.1	13.1	13.0	12.8	12.7	12.6	12.5	12.4	12.4	12.3	12.3	12.1	13.3	12.7
10	12.2	12.2	12.1	12.1	12.1	12.1	13.4	13.3	13.3	13.1	13.1	13.0	13.0	13.1	13.1	13.1	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.3	12.1	13.4	12.7
11	12.2	12.2	12.2	12.1	12.1	12.1	13.3	13.2	13.2	13.1	13.1	13.1	13.0	13.1	13.1	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.1	13.3	12.7
12	12.3	12.2	12.2	12.1	12.1	12.1	13.3	13.3	13.2	13.1	13.0	13.0	13.0	13.1	13.1	13.0	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.1	13.3	12.7
13	12.2	12.2	12.1	12.1	12.1	12.1	13.4	13.3	13.2	13.1	13.0	13.0	13.0	13.0	13.1	13.0	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.1	13.4	12.6
14	12.2	12.2	12.2	12.2	12.1	12.1	12.9	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.1	13.1	12.6
15	12.3	12.2	12.2	12.2	12.1	12.1	13.3	13.2	13.1	13.1	13.0	12.9	12.9	13.0	13.0	12.9	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.1	13.3	12.6
16	12.2	12.2	12.2	12.1	12.1	12.1	13.3	13.2	13.2	13.1	13.0	13.0	13.0	13.1	13.1	12.9	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.1	13.3	12.7
17	12.3	12.2	12.2	12.2	12.1	12.1	13.3	13.3	13.2	13.1	13.1	13.0	13.0	13.1	13.1	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.3	12.1	13.3	12.7
18	12.2	12.2	12.2	12.1	12.1	12.1	13.3	13.2	13.2	13.1	13.0	12.9	13.0	13.0	13.1	13.0	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.1	13.3	12.7
19	12.2	12.2	12.2	12.1	12.1	12.1	13.1	13.3	13.2	13.1	13.1	13.0	13.0	13.1	13.1	13.0	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.1	13.3	12.7
20	12.3	12.2	12.2	12.2	12.1	12.1	12.9	13.2	13.3	13.2	13.1	13.1	13.1	13.2	13.2	13.0	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.1	13.3	12.7
21	12.3	12.2	12.2	12.2	12.1	12.1	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.2	13.2	13.1	12.9	12.7	12.7	12.6	12.5	12.5	12.4	12.3	12.1	13.3	12.7
22	12.3	12.2	12.2	12.1	12.1	12.1	13.4	13.3	13.3	13.2	13.1	13.1	13.1	13.1	13.2	13.1	12.8	12.7	12.6	12.6	12.5	12.4	12.4	12.3	12.1	13.4	12.7
23	12.3	12.2	12.2	12.1	12.1	12.1	12.5	13.4	13.4	13.3	13.2	13.1	13.2	13.2	13.2	13.1	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.3	12.1	13.4	12.7
24	12.2	12.1	12.1	12.1	12.1	12.1	13.4	13.3	13.3	13.3	13.2	13.1	13.2	13.2	13.2	13.3	13.2	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.1	13.4	12.7
25	12.2	12.2	12.1	12.1	12.1	12.1	13.4	13.3	13.3	13.3	13.2	13.1	13.2	13.2	13.2	13.1	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.1	12.1	13.4	12.7
26	12.1	12.1	12.1	12.1	12.0	12.0	13.5	13.4	13.4	13.3	13.1	13.0	13.2	13.1	13.2	13.1	12.8	12.6	12.6	12.5	12.4	12.4	12.3	12.2	12.0	13.5	12.7
27	12.2	12.1	12.1	12.1	12.0	12.0	13.5	13.4	13.4	13.3	13.1	13.1	13.2	13.2	13.2	13.2	12.8	12.7	12.6	12.5	12.4	12.4	12.3	12.3	12.0	13.5	12.7
28	12.2	12.2	12.1	12.1	12.1	12.1	13.1	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.1	12.9	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.1	13.3	12.7
29	12.3	12.2	12.2	12.1	12.1	12.1	13.5	13.4	13.4	13.3	13.2	13.1	13.2	13.3	13.3	13.1	12.9	12.8	12.6	12.6	12.5	12.4	12.4	12.3	12.1	13.5	12.8
30	12.2	12.2	12.1	12.1	12.0	12.0	13.6	13.4	13.4	13.3	13.2	13.1	13.2	13.2	13.2	13.1	12.8	12.7	12.6	12.5	12.4	12.4	12.3	12.3	12.0	13.6	12.7
Min	12.1	12.1	12.1	12.1	12.0	12.0	12.2	13.1	13.1	13.1	13.0	12.9	12.9	12.9	13.0	12.8	12.6	12.6	12.5	12.4	12.4	12.3	12.3	12.1	12.0		
Max	12.3	12.2	12.2	12.2	12.1	12.1	13.6	13.4	13.4	13.3	13.2	13.2	13.2	13.3	13.3	13.2	12.9	12.8	12.7	12.6	12.5	12.5	12.4	12.3		13.6	
Avg	12.2	12.2	12.2	12.1	12.1	12.1	13.2	13.3	13.2	13.1	13.1	13.0	13.0	13.1	13.1	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.3			12.7

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