

Desert Hot Springs Meteorological Data

April 2004

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 6

Site: Desert Hot Springs (data subject to change)
Month: April
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 05-04-2004
Printout Time: 10:15:05
Output File Name: DHSB0404.6

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	2.9	2.8	2.1	4.0	3.4	2.8	3.3	6.8	14.4	16.9	17.9	20.8	28.9	28.8	27.3	27.5	25.7	24.0	17.9	14.6	13.7	11.4	6.4	6.3	2.1	28.9	13.8
2	4.4	2.9	3.5	3.3	3.0	3.9	2.4	2.1	3.1	6.0	10.4	11.5	9.4	8.3	9.2	8.9	5.6	2.7	3.8	3.5	1.7	2.2	4.6	2.4	1.7	11.5	5.0
3	2.9	3.8	3.6	3.6	3.1	4.5	2.7	4.4	3.9	5.0	7.7	7.9	10.2	8.8	7.8	7.0	3.8	2.5	3.0	2.6	2.2	2.7	2.8	4.6	2.2	10.2	4.6
4	4.1	3.3	2.6	3.8	5.9	5.7	3.2	2.0	3.5	5.3	8.2	7.3	5.3	6.1	5.9	7.3	12.7	16.2	15.6	14.1	10.2	8.8	3.7	4.0	2.0	16.2	6.9
5	5.3	6.1	5.6	6.6	4.3	3.3	2.2	2.1	3.1	11.2	11.2	11.1	15.8	18.4	20.7	23.5	26.1	21.9	20.9	21.0	21.8	17.3	8.2	7.9	2.1	26.1	12.3
6	7.8	6.0	4.5	4.1	3.8	3.2	4.8	8.6	16.4	16.6	16.7	21.2	18.9	19.8	21.6	23.6	27.6	25.9	24.1	21.0	21.0	15.6	7.5	15.9	3.2	27.6	14.8
7	10.3	7.4	10.4	6.5	3.3	5.9	3.7	2.4	5.3	11.2	13.4	13.5	11.4	15.9	19.5	22.8	22.0	20.2	15.9	10.3	12.8	9.4	4.4	4.4	2.4	22.8	10.9
8	2.3	3.5	5.0	3.4	3.6	4.8	3.5	3.3	4.2	6.8	6.0	5.5	6.1	10.7	11.8	17.1	21.1	22.0	16.2	11.4	14.2	9.0	5.0	3.8	2.3	22.0	8.4
9	7.3	6.5	10.4	6.2	4.4	3.4	2.3	2.9	4.1	6.0	7.0	9.5	7.8	8.3	8.9	5.8	16.9	16.0	15.1	9.2	10.2	8.9	11.4	8.6	2.3	16.9	8.2
10	7.4	3.6	4.6	4.2	3.6	6.0	4.5	4.6	8.1	10.1	15.3	14.3	13.3	13.1	12.8	10.9	11.6	16.9	17.4	8.8	9.9	9.6	8.2	8.7	3.6	17.4	9.5
11	5.6	7.4	6.4	9.8	12.4	8.6	6.3	5.0	6.3	12.6	11.8	12.2	11.8	10.8	11.3	9.2	10.0	9.6	5.6	5.7	10.3	8.5	9.8	6.4	5.0	12.6	8.9
12	6.2	7.9	6.5	6.8	5.6	5.7	3.1	2.4	3.0	4.0	5.6	6.0	7.9	6.9	8.2	8.4	14.4	19.2	18.4	20.3	21.4	18.8	9.1	5.9	2.4	21.4	9.2
13	5.6	4.8	4.0	4.6	7.3	7.3	5.2	5.6	13.3	15.2	14.8	15.6	16.6	18.6	20.0	21.0	20.8	20.4	19.6	17.0	18.7	17.7	23.0	23.4	4.0	23.4	14.2
14	15.5	8.4	13.7	11.4	7.8	4.8	7.7	6.3	14.3	18.3	21.1	22.4	25.1	27.8	25.1	22.9	22.8	20.9	19.1	16.7	18.0	7.0	18.5	25.0	4.8	27.8	16.7
15	16.2	4.8	5.4	5.0	3.2	4.6	5.2	7.3	16.1	18.0	20.5	23.7	26.3	25.0	24.3	23.8	21.9	21.8	20.2	23.1	20.3	18.6	19.4	15.4	3.2	26.3	16.3
16	12.8	7.3	6.4	8.7	3.7	4.5	3.8	4.1	12.0	15.9	16.4	14.5	17.8	21.8	22.6	21.9	20.5	21.4	15.1	12.5	6.6	9.9	6.7	8.8	3.7	22.6	12.3
17	5.9	6.3	9.5	9.0	6.2	9.3	12.7	22.3	26.1	27.5	26.8	27.6	29.4	31.1	25.9	30.9	29.8	21.2	13.9	13.3	15.3	14.6	14.3	17.0	5.9	31.1	18.6
18	18.2	16.8	16.5	15.1	7.5	6.6	5.9	4.0	3.7	4.4	10.8	13.5	12.5	7.9	6.5	8.2	15.2	16.0	13.4	14.8	11.4	5.3	7.6	11.1	3.7	18.2	10.5
19	3.0	16.2	21.7	20.5	16.8	17.3	17.1	20.4	23.8	21.9	23.8	26.0	26.0	21.7	20.5	22.0	21.3	17.4	15.9	14.1	14.5	15.7	14.4	9.7	3.0	26.0	18.4
20	6.2	4.8	4.4	5.5	5.3	4.4	2.2	2.5	3.9	6.4	12.9	18.8	18.3	20.9	21.4	21.9	22.3	18.1	18.8	23.8	14.9	12.5	16.7	7.7	2.2	23.8	12.3
21	8.9	10.5	9.4	10.3	10.1	10.2	11.6	17.6	22.8	25.3	21.8	23.4	24.2	25.2	28.3	28.8	26.0	28.4	28.8	28.3	28.6	30.0	30.3	32.3	8.9	32.3	21.7
22	31.1	30.1	27.2	26.3	23.7	17.9	11.7	14.0	18.2	13.3	18.4	20.7	19.5	19.3	18.1	14.9	16.0	12.6	9.3	8.1	5.1	4.4	5.4	6.0	4.4	31.1	16.3
23	5.2	6.5	8.7	11.5	8.7	9.3	11.3	17.6	17.9	13.3	14.2	15.1	14.8	14.2	13.6	11.6	10.8	11.5	10.1	8.3	8.1	8.5	7.6	9.1	5.2	17.9	11.1
24	6.4	4.7	7.2	9.3	8.2	6.8	5.3	2.1	3.4	5.5	7.4	8.9	7.8	7.7	7.0	6.3	6.5	5.3	5.9	8.1	6.4	6.4	8.7	5.9	2.1	9.3	6.5
25	8.7	8.4	7.3	6.1	6.7	5.1	3.6	2.0	3.2	5.1	10.4	7.7	6.9	9.2	8.5	8.6	6.6	5.4	3.6	4.6	6.2	6.4	6.0	9.3	2.0	10.4	6.5
26	7.6	10.1	9.3	8.2	7.5	8.6	7.8	6.0	3.4	5.9	5.6	5.8	6.5	8.9	8.1	7.6	9.7	6.7	5.1	5.7	8.0	6.6	5.8	6.2	3.4	10.1	7.1
27	5.1	9.7	9.2	9.1	10.6	8.2	9.3	6.5	3.7	4.3	9.1	13.2	11.1	9.0	8.9	7.8	9.6	10.9	15.8	16.5	13.1	14.3	10.1	9.8	3.7	16.5	9.8
28	6.6	3.7	3.4	4.2	3.9	3.1	4.6	5.4	6.9	8.3	21.8	25.9	25.1	26.2	25.3	27.2	24.3	23.3	23.4	26.3	29.1	28.9	30.2	28.9	3.1	30.2	17.3
29	27.3	19.5	18.3	16.9	17.2	13.5	15.7	21.4	22.5	21.8	23.5	24.1	21.2	22.3	24.4	24.9	24.6	21.1	20.6	22.0	15.7	12.7	4.7	4.0	4.0	27.3	19.2
30	4.0	5.0	8.8	8.2	12.7	8.9	9.9	6.2	9.9	16.9	14.3	8.0	10.9	10.6	7.9	8.8	5.1	4.5	8.8	3.3	6.3	3.9	4.7	5.1	3.3	16.9	8.0
Min	2.3	2.8	2.1	3.3	3.0	2.8	2.2	2.0	3.0	4.0	5.6	5.5	5.3	6.1	5.9	5.8	3.8	2.5	3.0	2.6	1.7	2.2	2.8	2.4	1.7		
Max	31.1	30.1	27.2	26.3	23.7	17.9	17.1	22.3	26.1	27.5	26.8	27.6	29.4	31.1	28.3	30.9	29.8	28.4	28.8	28.3	29.1	30.0	30.3	32.3		32.3	
Avg	8.7	8.0	8.5	8.4	7.4	6.9	6.4	7.3	10.0	12.0	14.2	15.2	15.6	16.1	16.0	16.4	17.1	16.1	14.7	13.6	13.2	11.5	10.5	10.4			11.8

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 1.1

Site: Desert Hot Springs (data subject to change) Validation Level: B
 Month: April Printout Date: 05-04-2004
 Year: 2004 Printout Time: 10:15:06
 Time Zone: PST Output File Name: DHSB0404.7

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	7	353	358	339	18	22	68	165	264	247	246	249	259	270	276	285	298	294	309	322	274	279	274	290	[W]
2	286	82	313	312	121	104	81	258	153	205	3	22	29	53	109	164	127	337	292	241	263	14	317	28	[NNE]
3	302	292	104	131	29	342	102	145	153	147	147	143	144	140	141	133	204	266	294	256	228	48	337	336	[SE]
4	321	344	321	8	338	330	350	359	204	160	168	194	161	130	158	222	265	267	275	276	298	287	137	344	[NNW]
5	326	316	321	307	341	348	138	72	203	246	236	215	226	253	264	268	266	263	264	263	271	273	302	310	[W]
6	306	299	327	297	328	166	263	241	244	245	239	227	229	248	249	258	269	264	270	271	269	273	312	295	[W]
7	298	325	307	312	318	326	84	41	302	241	219	220	240	247	258	263	268	270	276	312	297	317	319	330	[NW]
8	41	335	330	33	341	322	355	135	132	196	190	187	203	234	236	258	264	268	277	255	252	250	302	268	[WSW]
9	289	310	302	283	326	11	24	113	122	168	155	68	99	131	184	189	262	272	275	302	294	306	324	326	[WNW]
10	328	48	77	347	323	306	41	136	218	25	13	24	36	32	20	21	315	267	268	309	295	303	305	311	[NW]
11	319	325	348	5	1	357	349	354	85	20	31	28	19	28	28	28	62	70	143	360	324	336	330	339	[NNE]
12	343	318	350	341	335	330	358	98	126	137	169	153	138	174	144	164	244	265	268	271	273	273	290	304	[W]
13	328	328	349	338	326	323	334	319	265	249	256	255	264	270	278	275	275	278	278	289	291	282	275	276	[W]
14	297	297	286	294	352	292	298	238	245	259	256	263	262	261	257	264	268	266	265	278	286	289	274	267	[W]
15	267	232	134	119	90	158	156	179	261	239	245	257	266	267	269	276	276	278	287	285	287	286	284	282	[W]
16	275	263	269	272	132	224	124	97	265	249	258	244	262	273	277	273	278	277	290	305	294	304	306	300	[W]
17	321	338	26	22	103	336	296	274	270	277	273	270	271	279	294	291	284	298	312	304	312	306	300	292	[WNW]
18	280	271	280	288	319	286	325	14	352	324	251	255	237	213	208	258	261	266	268	269	285	329	335	327	[W]
19	28	287	289	287	296	293	291	275	279	279	271	265	264	265	263	262	268	272	270	269	278	282	287	283	[W]
20	327	335	333	317	322	336	3	32	62	321	257	251	253	253	261	264	258	261	270	267	271	280	289	335	[W]
21	336	325	320	328	325	332	320	290	279	278	277	271	269	271	269	274	279	281	277	284	288	280	285	287	[W]
22	284	286	286	286	297	302	297	270	261	282	8	16	13	14	7	1	5	360	343	325	354	343	342	346	[WNW]
23	351	346	339	345	351	20	26	18	6	2	28	1	31	23	35	43	38	40	21	351	306	329	335	328	[NNE]
24	326	328	343	336	333	335	9	124	170	183	166	188	156	139	143	176	166	157	138	282	324	315	319	332	[NNW]
25	337	331	334	327	336	341	341	63	147	142	35	52	125	161	183	190	154	153	102	35	316	336	319	337	[NNW]
26	335	343	334	313	303	322	340	306	135	157	150	193	314	185	161	123	56	76	83	331	328	336	351	319	[NNW]
27	339	334	337	337	332	322	343	344	13	175	168	157	141	131	130	159	170	215	266	277	274	244	287	331	[NNW]
28	282	61	31	345	16	43	124	131	160	199	257	272	263	264	261	268	274	273	279	285	278	291	292	284	[W]
29	286	299	286	294	295	308	261	260	266	261	259	262	261	263	265	267	265	268	273	271	289	290	328	337	[W]
30	323	314	292	15	5	23	28	9	353	8	23	5	214	203	182	224	212	195	267	277	303	337	319	349	[N]

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [N] [SE] [W] [WSW] [WSW] [WSW] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W]

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

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-910 No data collected - system not set up
-920 Instrument Malfunction
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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
-990 Reserved for future descriptor
```

Processed using: TABLE.EXE version 1.1

Variable: Unit Vector Wind Direction
Units: degrees
Channel: 7

Site: Desert Hot Springs (data subject to change)
Month: April
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 05-04-2004
Printout Time: 10:15:06
Output File Name: DHSB0404.7t

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

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [N] [SE] [W] [WSW] [WSW] [WSW] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W]

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 1.1

Variable: Sigma Theta (Yamartino)
Units: degrees
Channel: 8

Site: Desert Hot Springs (data subject to change)
Month: April
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 05-04-2004
Printout Time: 10:15:06
Output File Name: DHSB0404.8

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	30.3	27.2	63.3	15.1	40.3	22.2	36.1	19.6	10.1	9.5	12.3	12.6	10.3	10.1	11.6	10.8	9.8	9.2	10.2	13.7	10.9	10.3	34.1	12.1	9.2	63.3	18.8
2	40.9	52.2	47.8	56.0	46.5	15.9	41.6	61.8	54.0	44.1	16.0	17.1	34.4	20.9	33.7	13.4	17.4	42.8	12.1	6.7	37.8	38.6	7.4	37.6	6.7	61.8	33.2
3	16.6	39.3	20.8	18.0	14.5	11.0	44.7	21.6	29.7	45.7	18.5	17.1	10.9	12.2	11.9	13.2	21.1	20.3	10.1	25.0	46.3	13.4	13.4	18.0	10.1	46.3	21.4
4	14.8	42.8	38.2	40.4	7.9	11.3	39.3	53.3	28.7	24.4	21.0	32.6	61.3	37.9	42.9	24.2	14.6	9.9	10.1	11.0	10.7	14.0	34.2	47.4	7.9	61.3	28.0
5	24.7	18.2	21.6	13.6	51.1	63.8	44.7	47.4	48.8	14.5	25.1	25.2	14.2	11.7	12.9	9.7	9.1	9.8	9.9	9.8	9.6	9.7	19.0	20.8	9.1	63.8	22.7
6	12.3	17.3	64.1	58.9	47.1	59.8	38.6	35.2	12.6	11.9	12.4	10.1	11.3	11.9	11.4	10.3	9.9	9.6	9.8	9.7	9.5	10.5	22.1	13.0	9.5	64.1	21.6
7	15.6	17.8	16.5	20.3	40.0	12.8	64.4	51.8	66.2	12.6	15.5	19.1	22.8	12.3	10.1	9.9	9.4	9.3	11.0	16.0	9.4	14.3	18.0	38.3	9.3	66.2	22.2
8	69.3	23.5	24.8	31.3	26.7	13.6	21.5	17.5	22.8	22.9	36.9	44.0	47.1	20.0	19.5	11.4	9.9	9.5	10.4	9.5	7.8	17.0	30.5	69.3	7.8	69.3	25.7
9	46.5	36.9	20.1	51.8	38.2	18.5	35.7	29.7	33.8	20.7	35.6	24.5	34.2	44.3	30.0	64.8	12.6	10.4	9.5	18.8	11.6	13.5	10.8	12.6	9.5	64.8	27.7
10	13.6	50.0	44.9	36.5	41.9	34.2	45.4	25.9	28.0	31.4	15.7	17.0	18.1	18.7	18.9	21.4	19.7	11.3	9.4	20.3	11.5	9.5	6.8	13.1	6.8	50.0	23.5
11	17.6	15.1	15.7	12.3	8.6	9.0	11.0	30.2	25.4	18.0	22.5	24.5	21.5	24.2	22.5	42.7	20.7	19.3	25.9	30.7	7.6	11.4	8.7	8.9	7.6	42.7	18.9
12	32.4	12.7	9.4	14.4	19.6	7.9	20.9	29.3	20.4	30.2	26.3	38.0	29.3	37.3	30.1	26.0	17.1	10.1	9.5	8.9	8.9	9.5	14.8	28.5	7.9	38.0	20.5
13	27.3	26.6	29.0	23.3	9.1	13.0	27.6	25.9	14.3	13.0	13.2	16.7	17.2	13.6	12.1	10.7	10.5	9.7	9.8	10.3	11.5	11.2	8.8	8.5	8.5	29.0	15.5
14	10.9	18.1	17.8	38.5	59.6	45.4	23.9	40.8	18.6	11.6	11.1	10.7	10.2	9.1	12.4	12.6	12.2	12.8	12.4	10.4	10.0	20.3	13.5	8.2	8.2	59.6	18.8
15	9.9	34.7	47.3	51.0	69.0	57.9	35.4	30.6	16.2	14.0	12.3	11.2	10.5	11.2	10.5	11.0	10.6	10.4	10.0	9.3	9.1	9.8	9.2	10.2	9.1	69.0	21.3
16	21.3	37.6	32.7	15.4	47.8	41.4	58.3	58.7	15.5	12.6	12.9	23.8	16.0	12.4	10.6	12.6	15.7	11.0	14.9	16.4	45.9	29.8	17.3	16.7	10.6	58.7	24.9
17	50.9	40.4	65.9	48.5	63.4	37.3	20.5	9.9	9.6	9.9	10.5	10.3	9.6	8.7	9.8	9.5	9.7	12.0	18.2	18.0	15.0	14.4	13.9	9.3	8.7	65.9	21.9
18	9.4	10.3	10.1	13.7	23.1	16.5	15.9	28.4	57.5	49.0	35.6	18.8	18.8	33.8	45.1	31.5	12.5	10.6	9.2	9.3	14.8	28.4	14.0	10.8	9.2	57.5	22.0
19	64.0	18.6	9.8	9.5	10.4	9.8	12.0	9.9	9.4	10.3	10.8	10.1	12.4	12.4	13.1	10.8	9.9	10.6	9.5	10.2	9.5	10.7	10.8	12.2	9.4	64.0	13.2
20	28.7	25.5	28.6	29.0	18.3	29.5	59.5	28.1	66.1	58.3	40.8	10.2	11.9	10.0	10.2	9.4	9.4	11.6	13.1	11.0	14.2	14.8	10.4	16.4	9.4	66.1	23.5
21	16.2	19.8	22.9	14.8	11.5	22.1	17.4	15.2	11.1	11.2	12.9	11.4	11.7	13.0	11.5	11.0	11.2	10.7	11.1	12.3	11.9	10.6	10.4	10.1	10.1	22.9	13.4
22	10.3	10.2	11.4	12.1	11.0	11.8	15.1	11.6	12.5	42.6	19.0	15.4	15.9	16.2	19.3	18.0	17.3	17.6	13.4	8.1	23.9	20.7	17.6	18.9	8.1	42.6	16.2
23	21.9	17.4	12.1	11.0	13.7	12.4	17.0	14.2	15.9	22.2	19.8	23.6	19.5	21.3	17.3	22.1	18.0	16.0	14.8	13.8	9.2	6.9	11.5	7.2	6.9	23.6	15.8
24	28.4	29.0	9.9	10.8	9.3	9.9	15.6	34.0	41.0	30.5	42.4	37.0	34.4	36.5	53.1	29.6	17.9	16.4	28.4	11.7	9.8	8.8	9.1	16.5	8.8	53.1	23.7
25	6.9	10.5	6.0	8.5	7.5	11.2	14.4	44.1	45.1	39.3	28.5	48.8	72.7	55.8	32.9	26.2	36.8	20.7	11.7	24.6	13.8	6.1	11.9	7.1	6.0	72.7	24.6
26	13.6	10.0	9.9	16.0	11.5	23.4	19.7	23.6	55.3	33.8	50.1	51.3	57.0	30.9	42.1	36.2	26.6	22.6	12.1	9.6	6.0	11.5	15.1	40.3	6.0	57.0	26.2
27	42.1	8.5	10.9	12.7	8.0	7.3	5.8	12.3	44.0	62.5	23.0	17.1	18.7	29.0	24.6	27.7	19.1	22.3	9.6	10.2	10.6	10.1	13.8	18.9	5.8	62.5	19.5
28	40.0	66.8	24.2	21.5	21.8	44.8	40.2	20.2	18.5	34.8	14.3	11.7	13.1	12.0	13.1	10.7	10.4	10.6	10.5	10.4	10.1	10.0	10.1	10.6	10.0	66.8	20.4
29	11.3	10.8	11.7	11.7	11.5	14.6	11.1	10.3	10.8	9.7	9.1	9.6	10.5	10.4	10.3	9.9	9.7	11.4	10.4	9.0	12.0	11.5	22.1	28.4	9.0	28.4	12.0
30	50.2	12.4	24.6	22.1	11.7	14.0	23.4	50.4	56.4	19.8	45.0	67.1	42.1	22.3	27.6	22.5	46.1	28.5	14.5	30.2	38.8	49.4	63.9	10.9	10.9	67.1	33.1
Min	6.9	8.5	6.0	8.5	7.5	7.3	5.8	9.9	9.4	9.5	9.1	9.6	9.6	8.7	9.8	9.4	9.1	9.2	9.2	6.7	6.0	6.1	6.8	7.1	5.8		
Max	69.3	66.8	65.9	58.9	69.0	63.8	64.4	61.8	66.2	62.5	50.1	67.1	72.7	55.8	53.1	64.8	46.1	42.8	28.4	30.7	46.3	49.4	63.9	69.3	72.7		
Avg	26.6	25.3	25.7	24.6	26.7	23.4	29.2	29.7	29.9	25.7	22.3	22.9	23.9	20.7	21.0	19.3	15.8	14.6	12.4	13.8	15.3	15.2	16.8	19.4			21.7

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 1.1

Variable: Running 3-Second Gust
Units: mph
Channel: 9

Site: Desert Hot Springs (data subject to change)
Month: April
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 05-04-2004
Printout Time: 10:15:07
Output File Name: DHSB0404.9

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	6.3	6.0	4.7	7.6	5.8	5.5	7.9	18.1	22.7	25.0	27.1	38.5	46.8	48.8	43.0	45.3	38.9	38.1	28.8	23.8	22.0	19.8	13.5	13.2	4.7	48.8	23.2
2	11.1	7.1	6.8	6.2	5.6	6.6	4.6	6.8	12.1	16.1	18.8	23.6	20.3	16.7	16.4	15.1	10.1	5.7	6.0	4.9	3.8	4.5	7.3	4.6	3.8	23.6	10.0
3	4.5	7.4	6.2	6.2	5.2	7.0	6.5	8.1	8.0	12.1	17.7	12.6	15.1	13.6	14.4	11.4	5.8	4.2	5.4	5.6	4.0	4.0	4.9	6.8	4.0	17.7	8.2
4	6.2	5.5	5.5	6.4	7.8	7.9	6.6	4.3	7.6	12.5	15.0	14.7	14.0	13.4	15.9	17.6	22.3	27.2	26.0	25.8	20.7	16.3	7.9	9.2	4.3	27.2	13.2
5	9.2	9.0	11.1	10.1	8.4	11.2	5.3	4.3	13.6	18.6	20.3	22.0	24.2	28.0	33.0	36.5	38.8	34.4	34.6	37.9	33.3	29.8	18.6	16.8	4.3	38.8	21.2
6	13.9	10.5	10.3	10.4	8.4	9.1	11.8	18.9	26.1	26.5	26.9	30.8	29.0	31.7	37.7	37.4	40.6	43.0	39.6	34.4	35.6	28.6	18.3	32.0	8.4	43.0	25.5
7	30.3	15.3	17.7	13.5	6.9	8.8	8.2	5.9	13.4	18.2	21.0	24.7	21.2	23.9	30.4	36.1	34.2	31.0	28.7	20.3	20.0	19.9	7.3	8.2	5.9	36.1	19.4
8	5.1	6.8	7.8	5.1	6.6	8.0	8.0	5.4	8.0	13.1	15.4	10.5	18.3	20.4	26.4	25.9	34.9	34.7	30.1	19.1	20.2	15.7	12.0	9.2	5.1	34.9	15.3
9	21.7	19.1	16.3	13.8	9.2	5.4	4.2	6.0	9.0	13.0	19.0	19.6	16.5	20.5	17.7	20.9	26.0	25.5	26.9	17.2	18.1	22.2	17.3	17.4	4.2	26.9	16.8
10	13.7	10.5	8.1	7.8	7.3	10.1	8.9	8.7	13.6	26.6	28.2	27.5	25.3	24.9	25.4	22.5	23.2	27.4	26.4	20.8	16.9	14.9	11.5	13.8	7.3	28.2	17.7
11	12.3	12.9	15.2	18.5	18.9	13.9	11.4	10.4	20.5	25.3	23.3	25.4	28.3	26.5	23.0	21.5	20.9	20.9	10.6	11.9	14.4	13.1	16.5	9.9	9.9	28.3	17.7
12	11.2	12.2	10.7	12.1	8.6	8.4	6.6	4.2	5.3	8.6	10.7	14.8	14.9	14.6	17.9	15.1	27.1	29.3	30.3	32.2	30.5	30.0	22.5	13.2	4.2	32.2	16.3
13	10.4	8.3	7.9	9.3	9.6	10.9	9.4	15.5	22.6	23.6	24.2	28.7	26.5	30.9	31.4	33.9	33.1	30.4	32.0	28.9	30.2	32.1	34.8	37.1	7.9	37.1	23.4
14	30.5	21.0	25.3	32.6	34.1	11.4	19.6	15.4	28.8	29.6	32.0	36.0	38.5	41.2	40.2	40.2	38.5	39.8	32.2	28.0	28.1	17.9	39.4	39.0	11.4	41.2	30.8
15	27.5	11.8	15.0	13.4	7.4	11.9	10.4	18.4	28.2	29.4	32.7	36.6	39.5	38.5	37.6	39.3	33.7	34.7	32.8	34.6	34.6	29.9	30.7	27.4	7.4	39.5	27.3
16	24.1	15.4	16.5	18.2	7.5	11.6	9.3	9.4	22.3	23.3	28.6	26.9	30.2	35.8	36.7	34.4	36.0	36.6	31.1	25.5	18.5	25.2	18.2	18.9	7.5	36.7	23.4
17	17.5	18.3	31.3	30.3	19.4	24.0	27.7	33.7	38.5	40.5	40.4	42.5	48.8	45.5	45.0	47.0	47.2	40.8	27.1	25.1	29.4	29.0	25.0	27.8	17.5	48.8	33.4
18	29.4	29.5	30.6	26.6	20.2	11.9	9.3	8.9	10.9	9.0	23.2	24.2	21.2	15.7	16.1	17.5	24.4	25.2	24.0	23.4	21.8	13.6	14.1	19.2	8.9	30.6	19.6
19	11.4	38.3	36.3	34.9	27.8	27.8	32.6	37.0	35.2	32.4	35.7	38.6	40.1	33.6	32.8	33.7	34.9	31.6	26.1	22.9	23.6	32.0	28.6	18.1	11.4	40.1	31.1
20	16.6	7.5	8.0	10.9	10.4	8.1	5.1	5.3	11.7	18.3	23.8	27.5	27.8	30.7	30.3	33.3	36.9	30.1	36.2	41.9	31.6	26.2	32.3	11.6	5.1	41.9	21.8
21	15.2	35.3	23.7	20.4	16.7	19.5	24.1	33.8	36.1	41.1	37.2	39.7	40.5	43.6	47.8	46.0	43.3	49.0	48.1	46.3	49.0	50.1	49.1	47.7	15.2	50.1	37.6
22	51.9	50.6	44.0	43.7	39.9	33.1	26.5	24.0	30.8	28.4	36.4	35.1	35.0	37.6	33.0	29.2	30.4	25.3	22.3	12.2	10.8	8.0	9.3	12.4	8.0	51.9	29.6
23	17.0	17.1	17.6	27.8	19.1	16.1	29.9	30.5	31.5	28.9	30.7	32.7	29.3	25.7	25.2	22.2	21.6	21.2	21.0	14.0	13.0	12.1	11.3	12.8	11.3	32.7	22.0
24	10.4	8.0	11.9	14.5	13.3	11.1	12.8	3.9	8.4	13.3	16.1	18.3	16.7	15.4	16.8	15.4	12.0	9.3	15.9	14.8	11.2	12.0	11.6	8.6	3.9	18.3	12.6
25	12.2	13.1	11.0	9.9	9.9	7.4	7.0	5.0	7.4	9.8	21.6	20.1	17.7	22.4	20.7	18.2	12.7	14.4	6.3	10.7	9.3	10.7	11.2	14.8	5.0	22.4	12.6
26	13.2	14.3	15.7	12.9	12.3	15.1	15.1	13.5	8.3	14.7	12.9	14.2	19.9	19.6	19.2	18.4	18.5	12.7	9.7	9.4	11.4	10.6	13.1	12.7	8.3	19.9	14.1
27	12.1	15.0	14.0	15.5	15.0	12.7	11.8	10.7	8.1	12.3	18.5	22.1	24.4	18.7	16.3	14.8	16.9	22.5	25.8	29.2	26.0	26.7	25.5	19.0	8.1	29.2	18.1
28	18.6	8.5	6.9	8.7	6.3	6.1	8.0	9.8	11.5	17.8	36.3	39.5	38.2	42.2	41.5	43.2	38.3	40.7	36.5	44.5	46.9	50.2	46.2	49.3	6.1	50.2	29.0
29	45.0	36.0	32.5	29.4	30.1	27.9	26.6	32.5	34.9	35.6	37.6	36.8	31.3	33.4	36.6	36.5	36.2	35.2	33.8	34.9	29.8	23.3	8.9	7.5	7.5	45.0	31.3
30	9.5	9.0	18.8	20.2	21.2	17.5	19.2	16.6	29.9	30.5	28.1	23.7	24.2	20.1	16.3	18.4	11.2	9.1	16.2	8.8	11.3	11.0	9.7	7.3	7.3	30.5	17.0
Min	4.5	5.5	4.7	5.1	5.2	5.4	4.2	3.9	5.3	8.6	10.7	10.5	14.0	13.4	14.4	11.4	5.8	4.2	5.4	4.9	3.8	4.0	4.9	4.6	3.8		
Max	51.9	50.6	44.0	43.7	39.9	33.1	32.6	37.0	38.5	41.1	40.4	42.5	48.8	48.8	47.8	47.0	47.2	49.0	48.1	46.3	49.0	50.2	49.1	49.3	51.9		
Avg	17.3	16.0	16.3	16.6	14.0	12.9	13.1	14.2	18.8	21.8	25.3	26.9	27.4	27.8	28.2	28.2	28.3	27.7	25.7	23.6	22.5	21.3	19.2	18.2			21.3

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 1.1

Variable: Battery Voltage
Units: volts
Channel: 11

Site: Desert Hot Springs (data subject to change)
Month: April
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 05-04-2004
Printout Time: 10:15:08
Output File Name: DHSB0404.11

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	12.0	12.0	11.9	11.9	11.9	11.9	12.4	12.9	13.1	13.5	13.3	12.9	13.3	13.6	12.9	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.6	12.5
2	12.1	12.0	12.0	12.0	11.9	11.9	12.0	12.5	12.6	12.5	12.4	12.7	12.6	12.5	12.3	12.2	12.1	12.0	12.0	11.9	11.9	11.9	11.9	11.9	11.9	12.7	12.2
3	11.9	11.9	11.9	11.9	11.9	11.9	12.2	12.7	13.0	12.9	12.7	12.5	12.5	12.4	12.4	12.3	12.2	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.9	13.0	12.2
4	11.9	11.9	11.9	11.8	11.8	11.9	12.4	12.9	13.0	13.0	12.8	12.9	13.2	13.0	12.8	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.2	12.1	11.8	13.2	12.4
5	12.1	12.1	12.1	12.0	12.0	12.0	12.4	12.9	13.1	13.4	13.3	13.4	13.4	13.3	12.8	12.6	12.5	12.4	12.3	12.3	12.3	12.2	12.2	12.1	12.0	13.4	12.6
6	12.1	12.1	12.1	12.0	12.0	12.0	12.5	13.0	13.3	13.8	13.1	12.8	12.7	13.4	12.9	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.0	13.8	12.5
7	12.1	12.1	12.0	12.0	12.0	12.0	12.5	12.9	13.1	13.6	12.7	12.7	12.6	13.1	12.8	12.6	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	13.6	12.4
8	12.1	12.0	12.0	12.0	12.0	12.0	12.5	12.9	13.0	13.3	12.6	12.8	12.5	12.6	12.6	12.5	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.0	12.0	13.3	12.4
9	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	12.9	13.1	12.6	12.5	12.4	12.8	12.6	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.0	11.9	13.1	12.3
10	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	13.0	13.1	12.6	12.5	12.4	12.6	12.6	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	13.1	12.3
11	11.9	11.9	11.9	11.9	11.9	12.0	12.4	12.8	12.9	13.2	13.1	12.9	12.5	13.0	12.7	12.5	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.2	12.4
12	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	13.0	13.0	12.5	12.5	12.4	12.3	12.3	12.3	12.2	12.1	12.1	12.1	12.0	12.0	12.0	11.9	11.9	13.0	12.2
13	11.9	11.9	11.9	11.9	11.9	11.9	12.4	12.8	12.9	13.0	13.3	12.5	13.2	13.0	12.7	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.1	11.9	13.3	12.4
14	12.1	12.1	12.0	12.0	12.0	12.1	12.4	12.8	13.0	13.4	12.9	12.6	12.6	13.2	12.8	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	13.4	12.4
15	12.1	12.1	12.0	12.0	11.9	12.0	12.5	12.9	13.1	13.6	12.7	12.6	12.6	13.2	12.8	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.6	12.4
16	12.1	12.0	12.0	12.0	11.9	12.0	12.5	12.9	13.0	13.6	12.8	12.8	13.5	12.9	12.9	12.5	12.4	12.4	12.3	12.2	12.2	12.2	12.1	12.1	11.9	13.6	12.5
17	12.1	12.0	12.0	12.0	11.9	12.0	12.5	12.9	13.3	13.3	13.4	12.7	12.6	12.6	12.5	12.6	12.4	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	13.4	12.4
18	11.9	11.9	11.9	11.9	11.9	12.0	12.5	12.9	13.1	13.4	12.9	12.9	12.8	13.5	12.8	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.5	12.5
19	12.0	12.0	12.0	11.9	11.9	11.9	12.4	12.8	13.1	13.4	13.0	12.8	13.0	13.5	12.8	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.5	12.5
20	12.1	12.0	12.0	11.9	11.9	12.0	12.2	12.7	12.9	13.1	12.7	12.7	13.4	13.3	12.8	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.4	12.4
21	12.1	12.0	12.0	12.0	12.0	12.0	12.4	12.8	13.0	13.4	13.4	12.6	13.4	13.3	12.8	12.5	12.5	12.4	12.2	12.3	12.2	12.2	12.1	12.1	12.0	13.4	12.5
22	12.1	12.0	12.0	12.0	11.9	12.0	12.5	12.9	13.1	13.4	13.2	13.1	12.7	13.4	12.8	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.4	12.5
23	12.1	12.0	12.0	12.0	12.0	12.1	12.5	12.8	13.0	13.3	13.2	12.6	12.6	12.8	12.7	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	13.3	12.4
24	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.5	12.8	13.0	12.6	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	12.0	12.0	12.0	11.9	11.9	13.0	12.2
25	11.9	11.9	11.9	11.9	11.9	12.0	12.3	12.6	12.8	12.8	12.9	13.0	12.5	12.4	12.4	12.3	12.3	12.3	12.2	12.1	12.1	12.0	12.0	12.0	11.9	13.0	12.3
26	12.0	12.0	12.0	11.9	11.9	12.0	12.3	12.5	12.7	12.7	12.8	12.9	12.9	12.8	12.6	12.5	12.4	12.4	12.3	12.2	12.2	12.2	12.1	12.1	11.9	12.9	12.4
27	12.1	12.0	12.0	12.0	11.9	12.0	12.4	12.6	12.7	12.8	12.6	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.1	12.0	12.0	12.0	12.0	11.9	12.8	12.2
28	12.0	11.9	11.9	11.9	11.9	12.0	12.3	12.6	12.8	12.8	12.9	13.0	13.1	12.9	12.6	12.5	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.1	12.4
29	12.1	12.0	12.0	11.9	11.9	12.0	12.4	12.8	13.0	13.3	12.8	12.7	13.5	13.4	12.8	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.5	12.5
30	12.0	12.0	12.0	12.0	11.9	12.1	12.5	12.8	12.9	13.2	12.6	12.5	12.5	12.4	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	13.2	12.3
Min	11.9	11.9	11.9	11.8	11.8	11.9	12.0	12.5	12.6	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	12.0	11.9	11.9	11.9	11.9	11.9	11.8		
Max	12.1	12.1	12.1	12.0	12.0	12.1	12.5	13.0	13.3	13.8	13.4	13.4	13.5	13.6	12.9	12.6	12.5	12.4	12.3	12.3	12.3	12.2	12.2	12.1	13.8		
Avg	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	13.0	13.2	12.9	12.7	12.8	12.9	12.6	12.5	12.4	12.3	12.2	12.2	12.2	12.1	12.1	12.0		12.4	

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