

# Desert Hot Springs Meteorological Data

April 2005

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 9

Site: Desert Hot Springs (data subject to change)  
Month: April  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 10:18:19  
Output File Name: DHSB0405.9

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	7.3	8.1	7.0	4.6	3.8	5.3	5.2	2.7	4.5	7.6	7.1	8.1	8.3	7.3	5.9	4.7	4.7	5.3	3.5	6.7	7.6	7.0	7.5	6.7	2.7	8.3	6.1
2	7.0	9.2	7.9	6.8	4.7	6.7	6.4	1.5	2.2	4.0	5.1	6.5	7.4	8.5	9.1	9.2	7.9	7.5	11.7	10.5	8.8	7.4	6.8	8.5	1.5	11.7	7.1
3	7.5	6.9	7.1	5.6	4.4	8.2	6.1	7.8	13.4	15.9	21.5	23.0	23.9	26.1	28.4	26.9	27.1	27.6	27.5	26.7	26.1	29.2	29.5	34.8	4.4	34.8	19.2
4	36.1	37.1	32.2	23.8	23.9	16.7	15.8	20.8	25.3	31.5	30.2	28.6	26.0	26.0	22.3	19.3	18.4	16.3	14.1	9.6	5.9	6.7	6.2	6.3	5.9	37.1	20.8
5	4.8	5.3	5.4	5.1	3.0	3.1	3.3	2.9	4.8	6.2	7.8	9.4	7.3	7.9	6.0	4.8	5.1	3.3	3.3	5.0	8.4	5.6	8.2	8.4	2.9	9.4	5.6
6	4.2	4.7	3.0	4.7	4.5	7.5	7.5	7.1	4.3	5.9	7.1	6.9	7.1	8.1	7.9	9.1	8.5	6.4	3.2	7.3	7.4	7.8	5.8	5.4	3.0	9.1	6.3
7	4.0	2.8	3.9	4.2	4.8	5.2	3.3	5.2	14.8	15.7	18.0	21.3	22.0	27.2	32.6	32.9	32.3	34.1	29.7	26.6	25.3	31.4	22.7	22.3	2.8	34.1	18.4
8	24.8	24.7	22.8	23.4	21.1	13.5	8.2	7.6	5.7	6.6	10.1	7.8	23.6	26.4	26.5	28.6	28.0	27.1	30.2	24.3	21.2	22.9	24.9	21.8	5.7	30.2	20.1
9	23.1	20.4	20.2	22.1	22.7	17.5	12.5	21.3	20.6	24.7	24.1	26.2	25.0	23.8	22.7	23.2	22.8	21.7	18.4	16.9	13.8	11.8	11.8	12.1	11.8	26.2	20.0
10	11.8	10.3	4.7	6.1	6.1	4.7	4.5	12.9	17.8	20.0	18.7	11.2	11.5	11.1	8.1	7.2	6.6	10.5	8.1	8.8	7.6	6.1	7.4	5.3	4.5	20.0	9.5
11	4.4	6.5	6.1	7.4	8.5	8.7	5.0	2.8	4.6	4.9	6.9	6.2	5.6	5.3	7.2	13.5	14.0	15.2	17.2	13.2	9.1	4.7	5.5	5.8	2.8	17.2	7.8
12	6.0	6.1	8.9	8.9	5.7	5.3	3.7	2.6	3.0	4.3	7.0	6.4	9.0	8.7	7.4	7.7	8.6	12.0	13.8	14.6	8.0	8.2	7.0	6.8	2.6	14.6	7.5
13	5.9	5.6	5.2	4.9	5.9	5.0	4.1	3.8	9.5	18.6	18.9	19.7	24.1	22.9	24.8	25.2	23.3	21.4	20.8	14.5	9.7	10.9	8.4	7.4	3.8	25.2	13.4
14	7.8	5.7	3.9	4.1	3.2	4.5	10.4	11.9	12.5	12.2	15.2	11.6	7.3	8.7	5.9	7.3	10.0	10.5	7.9	8.9	10.4	9.5	7.1	9.7	3.2	15.2	8.6
15	7.0	2.7	6.5	4.5	6.4	8.9	7.7	3.9	3.0	5.6	5.8	5.8	7.3	7.5	6.6	8.0	8.1	4.5	3.2	3.5	6.9	7.7	7.7	6.3	2.7	8.9	6.0
16	4.1	3.5	3.6	3.3	3.5	3.3	2.9	2.5	4.0	5.4	8.2	9.2	9.2	10.9	10.9	9.1	8.1	7.8	11.4	10.8	9.2	9.3	7.4	5.7	2.5	11.4	6.8
17	4.8	6.7	4.7	6.1	5.8	5.3	2.5	4.9	6.0	7.8	6.6	6.7	5.8	9.4	18.4	21.1	19.6	18.7	13.9	8.3	7.1	12.3	10.6	7.8	2.5	21.1	9.2
18	13.7	25.0	26.9	25.5	23.9	22.1	19.4	21.4	22.6	23.2	24.5	25.0	25.3	30.9	30.1	28.6	31.5	32.0	30.5	33.8	32.8	31.1	29.6	29.1	13.7	33.8	26.6
19	27.7	29.9	27.7	31.2	32.8	33.4	29.0	28.9	27.6	22.9	22.7	22.2	22.8	20.7	22.1	22.2	21.8	21.1	19.9	19.2	20.1	14.9	13.6	13.6	33.4	24.0	
20	8.1	7.2	6.9	8.1	7.0	7.3	7.9	6.5	9.1	11.3	5.5	6.5	5.2	8.2	8.6	10.6	11.4	14.0	7.7	5.6	6.8	6.4	4.6	3.1	3.1	14.0	7.6
21	4.2	3.6	5.0	3.7	2.2	4.0	2.8	3.8	3.9	4.9	8.7	9.7	9.2	9.2	9.5	8.6	9.4	8.4	3.5	5.3	7.5	6.8	6.3	7.2	2.2	9.7	6.1
22	7.8	4.4	6.0	6.4	5.4	5.2	5.2	2.5	2.7	6.0	5.5	6.6	6.3	9.7	15.2	23.0	20.4	7.6	4.2	2.9	3.3	3.5	3.9	3.0	2.5	23.0	6.9
23	4.0	2.8	3.2	3.5	2.5	2.4	3.4	4.3	3.5	4.1	5.9	5.4	5.5	5.3	4.3	19.7	22.5	22.9	22.6	27.6	24.8	19.4	23.4	22.3	2.4	27.6	11.0
24	24.1	22.6	19.3	24.7	23.6	26.6	25.8	28.7	26.7	27.7	23.9	24.3	26.8	27.5	30.1	26.5	26.6	20.4	18.5	22.5	21.0	22.3	22.3	20.3	18.5	30.1	24.3
25	17.6	15.6	17.3	14.9	12.0	6.7	4.0	10.4	16.9	15.1	15.1	17.3	16.4	16.9	19.3	23.6	24.1	22.4	15.6	7.0	10.9	9.4	7.8	9.5	4.0	24.1	14.4
26	6.1	6.0	6.7	5.4	4.5	3.1	1.8	3.2	3.2	5.5	7.0	10.7	11.5	11.9	11.2	11.9	10.7	10.7	15.7	14.2	9.3	3.7	6.2	8.3	1.8	15.7	7.8
27	3.9	2.8	4.2	5.4	11.3	13.4	15.9	22.9	27.1	26.7	26.8	25.7	28.4	28.2	32.0	26.6	29.5	27.5	27.5	27.2	26.6	26.2	30.2	30.3	2.8	32.0	21.9
28	25.6	29.3	20.2	15.7	16.5	10.1	4.8	4.4	13.6	17.9	19.0	20.5	22.4	18.4	20.5	17.6	18.8	15.8	19.5	22.3	15.5	19.3	19.8	20.4	4.4	29.3	17.8
29	21.0	16.5	9.2	9.6	13.1	7.4	7.4	13.7	16.8	16.6	17.9	20.8	20.2	19.3	21.1	23.8	23.8	19.0	17.0	15.7	10.6	6.4	5.0	3.6	3.6	23.8	14.8
30	6.1	4.9	3.8	2.5	2.8	3.4	2.8	4.2	7.1	7.0	5.4	5.9	12.2	18.1	17.6	20.1	23.8	24.7	17.5	18.3	15.2	17.0	21.0	16.7	2.5	24.7	11.6
Min	3.9	2.7	3.0	2.5	2.2	2.4	1.8	1.5	2.2	4.0	5.1	5.4	5.2	5.3	4.3	4.7	4.7	3.3	3.2	2.9	3.3	3.5	3.9	3.0	1.5		
Max	36.1	37.1	32.2	31.2	32.8	33.4	29.0	28.9	27.6	31.5	30.2	28.6	28.4	30.9	32.6	32.9	32.3	34.1	30.5	33.8	32.8	31.4	30.2	34.8		37.1	
Avg	11.4	11.2	10.3	10.1	9.9	9.2	8.0	9.2	11.2	12.9	13.5	13.8	14.8	15.7	16.4	17.4	17.6	16.6	15.3	14.6	13.2	13.0	12.6	12.3			12.9

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

#### Missing Data Codes

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

Processed using: TABLE.EXE version 1.1

Site:	Desert Hot Springs (data subject to change)	Validation Level:	B
Month:	April	Printout Date:	10-03-2005
Year:	2005	Printout Time:	10:18:19
Time Zone:	PST	Output File Name:	DHSB0405.10

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	358	354	8	29	328	22	19	73	115	154	145	146	179	194	165	142	147	181	187	330	350	348	353	339	[ N ]
2	342	328	357	337	331	347	340	80	105	157	141	135	148	165	159	153	152	184	257	298	296	294	304	326	[NNW]
3	312	319	311	325	307	300	287	244	259	246	258	263	268	273	281	284	289	289	296	295	291	287	284	279	[WNW]
4	275	271	270	284	282	304	309	306	286	272	269	265	268	269	270	271	271	271	277	300	307	314	316	320	[ W ]
5	351	325	314	345	301	60	47	122	143	155	33	41	130	159	151	145	185	177	40	14	335	323	329	321	[NW]
6	13	11	65	27	340	353	351	353	118	136	148	141	145	148	138	165	164	153	124	333	329	330	330	347	[NNW]
7	348	321	333	356	322	337	78	285	244	257	249	264	273	273	275	277	279	285	297	302	317	307	305	297	[ W ]
8	283	284	278	287	293	313	330	294	252	246	237	267	272	267	271	263	267	268	272	292	305	309	290	293	[ W ]
9	295	312	300	281	286	297	294	282	280	269	271	267	270	268	264	265	264	269	274	276	283	305	302	308	[ W ]
10	315	304	298	301	299	182	163	11	6	18	14	332	346	4	330	242	333	355	310	310	319	322	314	340	[NW]
11	343	333	319	327	345	334	5	131	135	139	165	143	195	174	191	256	263	268	271	282	298	295	333	335	[NNW]
12	333	332	328	329	345	342	351	25	126	149	177	161	143	146	143	164	182	259	263	268	330	312	326	334	[NNW]
13	331	336	328	328	309	303	300	113	222	257	253	258	265	261	265	261	260	262	273	278	263	291	309	315	[ W ]
14	332	312	316	343	78	13	360	20	17	35	38	44	36	27	47	38	33	26	17	7	4	6	355	317	[NNE]
15	339	5	341	329	3	345	359	75	119	100	151	155	160	175	138	146	172	148	141	56	311	335	328	338	[NNW]
16	352	345	345	335	323	344	27	90	148	145	131	141	134	153	155	146	157	213	265	285	315	312	323	325	[NW]
17	335	326	342	327	319	327	353	119	186	154	166	163	172	221	262	269	274	276	284	248	217	228	223	344	[NNW]
18	293	284	287	287	280	286	276	250	244	247	244	238	252	271	276	286	284	277	278	281	286	286	280	277	[ W ]
19	275	267	266	261	263	260	271	267	276	276	274	267	263	265	267	268	268	270	277	286	284	277	284	291	[ W ]
20	318	333	334	316	341	323	326	311	297	260	228	253	209	224	250	252	261	268	300	297	311	303	326	345	[NW]
21	332	347	337	349	16	342	24	62	145	149	159	166	144	154	153	142	161	144	145	340	337	328	347	342	[NNW]
22	330	333	339	356	352	349	333	9	119	168	176	139	116	158	221	262	275	300	208	12	349	332	14	343	[NNW]
23	21	5	78	52	57	9	116	222	169	225	152	160	198	200	226	263	283	279	288	286	288	285	277	269	[WNW]
24	268	269	289	273	263	261	263	259	270	267	258	260	264	263	268	267	274	274	285	264	260	273	274	278	[ W ]
25	282	280	289	297	312	314	349	282	263	258	255	254	256	258	260	264	265	269	277	319	291	297	316	316	[ W ]
26	341	314	334	325	339	32	347	158	102	142	145	161	165	159	157	153	159	231	265	271	288	297	264	257	[SSE]
27	34	70	163	280	283	285	291	274	259	256	261	257	265	269	262	272	272	279	284	287	286	285	280	273	[ W ]
28	279	290	296	293	293	262	118	298	282	263	255	268	282	278	270	268	262	270	267	265	278	262	271	268	[ W ]
29	267	288	304	306	315	328	326	285	264	263	262	258	258	260	264	268	272	275	276	285	291	315	333	343	[ W ]
30	328	334	338	43	12	343	74	158	218	208	187	188	232	259	261	265	264	272	272	267	269	283	283	278	[ W ]

Prev [NNW] [NNW] [NNW] [NNW] [NW ] [NNW] [ N ] [WNW] [ W ] [WSW] [WSW] [ W ] [ W ] [ W ] [ W ] [ W ] [ W ] [ W ] [ W ] [WNW] [WNW] [WNW] [NW ] [NNW] [ W ]

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

### Missing Data Codes

```
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-920 Instrument Malfunction
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-940 Calibration
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-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: 10

Site: Desert Hot Springs (data subject to change)  
Month: April  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 10:18:19  
Output File Name: DHSB0405.10t

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

Prev [ NNW ] [ NNW ] [ NNW ] [ NNW ] [ NW ] [ NNW ] [ N ] [ WNW ] [ W ] [ WSW ] [ WSW ] [ W ] [ 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: 11

Site: Desert Hot Springs (data subject to change)  
Month: April  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 10:18:20  
Output File Name: DHSB0405.11

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	8.9	8.0	10.1	45.9	51.6	12.3	18.5	33.5	25.9	24.3	30.6	26.0	25.5	43.1	37.1	41.1	43.6	12.0	30.3	3.9	8.1	8.9	10.3	11.9	3.9	51.6	23.8
2	11.7	13.9	10.7	9.6	9.9	8.7	10.1	68.6	42.9	48.4	45.2	33.5	32.2	27.9	17.2	14.7	20.5	37.2	15.6	14.2	13.0	14.9	17.4	24.4	8.7	68.6	23.4
3	28.4	23.8	19.2	16.3	26.0	14.8	22.1	16.5	13.8	14.7	12.3	10.8	10.5	10.3	9.6	9.7	9.5	9.1	9.3	9.8	9.3	8.4	8.9	8.7	8.4	28.4	13.8
4	8.8	8.8	9.3	11.0	10.4	17.4	15.4	11.6	11.2	9.9	10.3	10.4	11.0	9.9	12.5	11.8	10.2	11.3	10.7	14.2	12.1	13.3	12.9	9.3	8.8	17.4	11.4
5	24.7	21.5	40.5	26.4	33.8	35.1	25.7	43.8	18.1	22.4	59.7	34.8	39.8	26.8	47.3	45.6	28.0	20.2	29.7	14.2	6.6	14.2	7.7	12.3	6.6	59.7	28.3
6	38.5	21.2	44.4	15.1	38.4	10.2	9.2	12.9	28.5	33.5	24.2	34.8	29.6	23.2	22.0	16.0	11.8	10.0	28.2	5.1	5.9	7.3	11.7	30.2	5.1	44.4	21.3
7	46.2	43.5	52.7	44.6	27.6	23.5	35.0	55.7	15.8	15.9	14.9	12.7	13.2	11.5	10.2	11.0	10.1	9.8	10.0	10.7	11.8	10.7	11.4	12.3	9.8	55.7	21.7
8	10.4	11.5	9.9	11.4	11.8	12.6	12.0	31.6	60.8	49.1	28.6	40.1	11.2	11.7	11.7	10.7	10.5	10.8	9.3	10.6	11.6	13.1	12.2	11.4	9.3	60.8	17.7
9	10.7	12.2	11.8	11.7	10.9	10.8	12.9	11.9	12.5	9.9	10.8	10.0	10.4	10.2	11.6	11.3	9.7	9.7	9.9	10.4	11.0	11.1	14.8	15.7	9.7	15.7	11.3
10	13.4	14.3	28.5	29.8	39.0	45.0	45.3	37.7	15.2	15.1	16.0	52.8	23.3	22.7	41.9	46.2	35.9	19.4	15.7	15.7	7.9	10.6	10.9	12.4	7.9	52.8	25.6
11	15.9	14.3	7.4	12.3	8.8	11.3	17.9	25.0	15.7	48.6	25.5	37.5	59.6	70.7	34.8	17.9	12.3	9.7	9.0	12.3	15.0	17.8	9.8	9.5	7.4	70.7	21.6
12	6.1	6.5	7.7	6.8	11.8	10.3	16.3	22.6	33.7	37.1	23.4	41.7	26.9	20.3	25.0	33.2	23.8	12.8	9.5	9.9	15.4	13.2	12.3	13.8	6.1	41.7	18.3
13	15.5	34.7	28.6	28.4	18.1	19.2	46.7	47.8	36.8	10.4	12.2	12.5	9.7	10.9	10.2	10.1	10.5	10.1	10.6	12.7	11.0	13.1	12.3	8.9	8.9	47.8	18.4
14	15.5	47.0	42.3	43.2	79.6	42.0	20.5	26.0	21.5	19.8	14.7	17.8	40.9	27.7	53.7	33.3	15.7	12.6	14.4	13.9	11.8	13.6	14.9	9.2	9.2	79.6	27.2
15	34.4	57.7	42.6	27.2	29.2	9.1	11.8	23.7	37.4	32.7	35.8	42.1	38.0	30.3	41.0	24.3	12.6	10.7	22.1	31.5	8.7	9.2	6.5	9.1	6.5	57.7	26.2
16	15.9	14.4	14.1	16.3	28.0	25.7	25.5	26.1	18.0	29.5	16.8	22.2	22.5	18.6	19.5	21.9	16.2	13.9	13.1	10.4	12.9	14.7	15.9	21.9	10.4	29.5	18.9
17	41.9	30.1	18.4	13.2	16.7	15.1	26.4	19.1	28.7	17.6	27.0	35.2	47.5	44.0	13.5	11.0	11.9	12.1	10.7	29.4	27.7	8.9	14.8	64.0	8.9	64.0	24.4
18	52.2	9.4	8.9	8.8	9.0	9.2	11.2	12.4	9.8	8.9	10.1	9.6	12.4	8.9	10.0	10.6	10.0	9.8	10.0	9.9	9.3	9.6	9.9	10.2	8.8	52.2	11.7
19	10.2	10.1	10.2	9.4	9.1	8.8	9.9	10.8	10.9	11.3	11.6	11.3	10.9	12.2	10.8	11.8	11.3	10.3	9.5	10.7	10.6	11.1	14.6	11.5	8.8	14.6	10.8
20	11.7	10.6	38.3	17.9	15.2	14.1	13.4	18.3	21.7	15.0	40.6	47.7	57.0	43.3	32.9	20.2	29.1	9.7	24.6	20.3	12.8	11.1	14.5	35.9	9.7	57.0	24.0
21	20.3	23.1	12.1	22.6	28.1	17.2	34.1	29.6	29.0	48.7	28.6	24.6	28.8	27.0	22.6	17.9	15.3	10.6	21.5	9.4	5.3	7.3	10.5	10.6	5.3	48.7	21.0
22	5.4	8.6	10.0	8.7	11.3	14.4	6.5	18.8	24.5	24.1	13.7	13.6	22.1	15.8	22.0	9.6	10.4	23.6	41.8	48.9	36.3	29.2	29.1	24.4	5.4	48.9	19.7
23	29.0	72.7	25.3	31.6	46.7	43.6	31.5	34.7	56.7	61.8	40.5	26.0	30.0	31.8	37.4	17.2	10.6	10.1	11.4	9.8	10.3	11.6	9.5	9.9	9.5	72.7	29.2
24	9.9	9.9	11.8	9.6	9.3	8.9	9.3	9.0	9.4	9.7	10.4	10.8	10.7	10.8	9.7	10.8	10.3	11.7	15.1	12.3	11.2	10.6	9.9	10.4	8.9	15.1	10.5
25	11.5	12.6	10.6	11.1	11.2	15.2	29.2	24.1	9.6	12.9	12.4	10.5	10.5	11.0	10.1	9.4	9.2	9.3	10.9	41.2	12.7	10.6	10.2	10.6	9.2	41.2	13.6
26	13.9	17.9	9.0	12.2	17.9	25.1	43.0	24.0	35.4	22.4	32.9	20.3	16.5	17.7	20.3	13.1	10.9	26.6	10.7	10.6	24.6	42.2	26.7	14.2	9.0	43.0	21.2
27	64.8	75.3	51.0	48.9	13.1	12.8	14.1	11.7	9.2	10.0	10.9	11.0	10.9	10.2	10.1	11.1	9.6	9.3	10.0	10.1	9.7	9.3	8.2	8.3	8.2	75.3	18.7
28	8.8	8.8	11.1	11.2	12.1	30.0	29.5	30.5	11.6	12.2	12.9	12.4	10.9	15.0	11.3	13.7	12.6	11.9	10.9	10.2	10.7	10.8	10.4	10.1	8.8	30.5	13.7
29	9.6	17.0	17.6	19.3	13.1	20.1	20.7	14.2	11.1	11.3	10.8	9.7	10.1	9.6	10.8	9.9	9.7	9.7	10.1	11.1	10.2	19.3	24.0	40.2	9.6	40.2	14.5
30	14.5	18.1	40.6	60.1	29.5	9.9	37.4	38.1	23.0	29.4	50.6	48.2	27.6	13.6	13.6	9.7	9.8	9.6	10.3	9.1	10.0	10.0	9.2	11.9	9.1	60.1	22.7
Min	5.4	6.5	7.4	6.8	8.8	8.7	6.5	9.0	9.2	8.9	10.1	9.6	9.7	8.9	9.6	9.4	9.2	9.1	9.0	3.9	5.3	7.3	6.5	8.3	3.9		
Max	64.8	75.3	52.7	60.1	79.6	45.0	46.7	68.6	60.8	61.8	59.7	52.8	59.6	70.7	53.7	46.2	43.6	37.2	41.8	48.9	36.3	42.2	29.1	64.0		79.6	
Avg	20.3	22.6	21.8	21.4	22.6	18.4	22.0	26.3	23.3	23.9	23.1	24.4	23.7	21.6	21.3	17.8	15.1	13.1	15.2	14.8	12.4	13.2	13.0	16.4			19.5

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: 17

Site: Desert Hot Springs (data subject to change)  
Month: April  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 10:18:28  
Output File Name: DHSB0405.17

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	11.2	12.6	12.6	9.8	7.8	9.3	8.9	5.9	10.8	14.9	15.4	19.7	20.9	16.8	15.1	15.0	11.5	9.0	7.5	8.1	11.8	11.6	12.8	11.7	5.9	20.9	12.1
2	13.3	14.4	11.3	12.7	7.1	12.1	11.5	4.7	5.1	9.8	13.7	13.8	14.9	16.3	15.4	14.8	12.9	20.6	21.0	22.1	16.2	16.6	16.5	17.7	4.7	22.1	14.0
3	15.4	16.9	15.8	13.2	11.3	19.3	12.8	18.4	21.0	29.9	34.3	34.4	36.6	37.6	39.9	40.5	42.1	42.7	41.0	42.8	43.8	42.9	43.3	51.4	11.3	51.4	31.1
4	54.8	57.3	49.5	39.5	39.8	36.8	35.4	40.0	42.6	46.9	46.3	43.9	40.8	40.6	37.8	30.8	30.6	27.4	24.8	19.2	9.4	10.2	9.1	9.4	9.1	57.3	34.3
5	8.5	7.8	9.8	9.5	5.3	5.8	5.8	7.3	9.7	11.2	20.3	19.5	15.6	17.8	13.7	11.6	9.4	8.8	7.5	8.3	12.2	10.7	14.5	14.4	5.3	20.3	11.0
6	8.9	7.8	7.6	7.0	10.7	11.0	13.4	12.8	7.9	12.7	15.1	16.1	15.3	15.3	14.6	16.1	13.6	11.6	8.2	9.1	9.9	11.4	8.8	9.9	7.0	16.1	11.4
7	10.0	7.7	10.4	8.4	10.5	9.4	6.6	22.2	26.8	28.2	27.9	35.5	36.6	45.8	53.4	54.5	55.5	56.2	50.8	46.2	46.4	49.2	39.6	36.2	6.6	56.2	32.2
8	39.9	41.5	38.1	43.0	36.0	27.5	15.5	16.2	16.1	13.5	23.7	21.5	37.9	41.2	46.5	48.5	46.8	48.7	50.4	37.5	35.8	41.2	41.9	42.4	13.5	50.4	35.5
9	38.4	34.9	33.8	36.6	37.3	32.8	27.0	36.6	36.8	38.6	37.3	39.9	37.8	35.3	35.7	36.1	36.7	34.9	29.3	31.5	30.2	21.9	20.5	24.1	20.5	39.9	33.5
10	19.5	20.9	9.4	13.7	14.9	11.5	10.7	31.2	33.7	36.2	32.0	26.5	25.6	25.1	20.1	16.5	15.4	21.4	17.9	14.9	11.3	9.9	9.7	9.9	9.4	36.2	19.1
11	7.3	9.6	9.1	10.5	13.1	12.3	11.3	5.3	8.0	12.0	14.4	18.1	14.7	15.1	18.2	21.3	21.9	26.0	26.4	23.6	21.3	16.7	9.0	7.9	5.3	26.4	14.7
12	8.4	9.8	12.8	12.1	9.4	8.3	6.4	4.8	7.0	11.0	14.3	12.7	21.0	15.8	16.8	13.4	16.5	22.8	23.4	23.2	16.8	14.6	11.3	11.5	4.8	23.4	13.5
13	11.6	9.7	10.4	12.2	11.2	9.9	9.2	9.1	25.1	29.1	30.8	30.2	36.1	36.8	38.1	37.3	37.0	36.0	35.8	27.6	15.5	21.6	13.7	10.1	9.1	38.1	22.7
14	12.0	12.6	9.3	7.7	6.4	16.8	28.0	30.3	24.1	26.6	25.6	19.3	19.2	17.4	15.2	15.9	17.7	17.8	14.1	16.6	18.3	18.5	12.0	14.6	6.4	30.3	17.3
15	13.0	5.7	11.5	9.4	12.1	13.6	12.4	10.0	6.0	13.4	13.8	15.5	16.5	15.9	12.8	16.9	15.2	8.6	6.2	5.8	9.7	10.4	11.2	11.1	5.7	16.9	11.5
16	6.2	5.8	6.2	5.7	7.8	6.7	5.5	5.1	7.2	11.6	15.7	17.3	18.5	19.2	24.7	16.8	16.5	14.6	20.9	19.0	17.5	19.1	15.5	10.6	5.1	24.7	13.1
17	10.3	13.4	9.7	8.6	9.6	8.6	4.3	10.0	11.0	14.7	13.4	14.4	13.6	22.5	30.8	34.8	31.7	33.7	23.3	20.2	16.5	19.2	20.2	23.8	4.3	34.8	17.4
18	31.4	40.5	38.8	39.5	35.3	33.5	33.0	31.3	34.0	38.1	37.2	37.2	41.6	47.4	47.0	47.1	50.8	49.0	46.1	52.9	50.4	47.6	46.7	47.9	31.3	52.9	41.8
19	45.4	50.7	47.6	47.0	48.7	54.3	44.0	45.5	46.8	35.2	36.2	35.5	35.5	32.9	34.8	35.7	36.3	32.8	33.2	34.2	29.5	33.4	28.7	26.6	26.6	54.3	38.8
20	16.8	11.3	12.9	14.2	12.3	11.5	13.4	17.6	20.8	20.1	13.0	15.0	12.6	18.4	19.5	18.1	19.2	21.0	19.3	12.2	13.0	9.7	7.4	6.2	6.2	21.0	14.8
21	6.9	5.3	7.4	6.5	5.6	6.1	5.7	7.7	8.3	11.1	15.9	18.0	19.4	19.4	16.8	15.7	15.9	13.7	8.2	9.3	9.8	9.6	9.5	11.8	5.3	19.4	11.0
22	10.8	6.3	8.9	10.7	10.6	8.3	8.0	4.8	6.0	14.9	9.4	11.3	10.0	17.3	30.4	40.5	38.9	21.4	7.9	6.1	7.3	7.7	7.4	5.1	4.8	40.5	12.9
23	6.4	7.3	5.7	6.5	4.7	5.5	7.3	12.1	8.2	9.9	12.5	11.4	11.1	10.2	13.7	36.1	36.6	35.8	41.3	42.6	40.3	34.1	36.5	36.9	4.7	42.6	19.7
24	39.8	38.5	32.0	41.0	37.4	40.3	39.1	42.8	43.5	41.5	37.6	42.9	42.6	41.4	45.2	40.6	44.2	38.3	38.0	41.5	37.0	37.6	39.5	36.2	32.0	45.2	39.9
25	29.3	29.3	29.0	27.3	21.9	12.4	9.5	21.6	24.9	24.1	24.1	25.6	24.5	26.3	31.0	36.3	37.2	35.1	28.7	20.8	20.3	18.3	13.1	15.9	9.5	37.2	24.4
26	13.4	10.9	9.5	8.0	6.3	5.3	3.7	6.1	8.2	11.5	15.7	21.1	20.0	20.5	19.8	19.8	17.0	24.0	24.6	23.3	20.6	10.5	13.3	17.3	3.7	24.6	14.6
27	16.4	9.2	9.3	15.6	22.8	26.7	32.1	37.1	41.3	40.9	40.7	41.4	44.6	45.1	48.7	43.5	49.7	40.3	43.0	44.6	42.4	44.4	44.5	43.5	9.2	49.7	36.2
28	39.5	43.0	41.5	30.9	34.3	20.8	8.3	14.8	24.5	32.3	31.5	34.3	36.0	31.8	32.0	28.8	31.8	26.7	32.4	38.5	31.0	33.4	35.2	32.5	8.3	43.0	31.1
29	32.8	32.4	17.6	22.6	25.5	12.7	22.0	23.2	26.5	26.9	27.8	31.0	30.0	27.5	34.6	37.5	36.3	32.2	27.3	26.6	17.6	12.0	8.0	6.5	6.5	37.5	24.9
30	10.8	7.2	7.8	4.9	4.8	5.5	5.8	9.6	13.9	18.4	11.6	13.1	27.9	30.6	26.5	31.7	38.1	39.1	31.4	28.8	25.3	29.4	35.5	30.0	4.8	39.1	20.3
Min	6.2	5.3	5.7	4.9	4.7	5.3	3.7	4.7	5.1	9.8	9.4	11.3	10.0	10.2	12.8	11.6	9.4	8.6	6.2	5.8	7.3	7.7	7.4	5.1	3.7		
Max	54.8	57.3	49.5	47.0	48.7	54.3	44.0	45.5	46.8	46.9	46.3	43.9	44.6	47.4	53.4	54.5	55.5	56.2	50.8	52.9	50.4	49.2	46.7	51.4	57.3		
Avg	19.6	19.3	17.8	17.8	17.4	16.5	15.2	18.1	20.2	22.8	23.6	24.5	25.9	26.8	28.3	29.1	29.4	28.3	26.3	25.2	22.9	22.4	21.2	21.1			22.5

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: 7

Site: Desert Hot Springs (data subject to change)  
Month: April  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 10:18:17  
Output File Name: DHSB0405.7

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	12.1	12.0	12.0	12.0	11.9	12.0	12.6	13.1	13.3	12.9	12.6	12.6	12.6	13.3	12.6	12.5	12.3	12.2	12.2	12.1	12.1	12.0	11.9	12.0	11.9	13.3	12.4
2	11.8	11.4	11.9	11.9	11.9	12.0	12.5	12.9	13.4	12.6	12.5	12.9	12.4	12.3	12.6	12.5	12.4	12.3	12.2	12.1	12.1	12.1	12.0	12.0	11.4	13.4	12.3
3	12.0	12.0	11.9	11.9	11.9	12.0	12.5	13.0	12.9	13.1	13.3	12.8	12.7	12.7	13.4	12.6	12.5	12.4	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.4	12.4
4	12.1	12.0	12.0	12.0	11.9	12.0	12.4	13.0	13.9	13.6	13.4	13.6	13.6	12.9	13.4	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.9	12.6
5	12.0	12.0	11.9	11.9	11.9	11.9	12.6	13.1	13.5	12.7	12.6	12.6	12.5	12.6	12.7	12.5	12.4	12.3	12.3	12.2	12.1	12.1	12.1	12.1	11.9	13.5	12.4
6	12.0	12.0	11.9	11.9	11.9	12.0	12.5	12.7	13.0	12.5	12.4	12.4	12.3	12.2	12.5	12.4	12.3	12.2	12.1	12.1	12.0	12.0	12.0	11.9	11.9	13.0	12.2
7	11.9	11.9	11.9	11.9	11.9	11.9	12.5	12.9	13.2	12.7	12.6	12.6	13.3	13.2	12.8	12.5	12.4	12.3	12.2	12.2	12.2	12.1	12.1	12.1	11.9	13.3	12.4
8	12.0	12.0	12.0	11.9	11.9	12.0	12.5	13.1	13.6	12.9	12.8	12.9	12.8	12.8	13.2	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.6	12.5
9	12.1	12.0	12.0	11.9	11.9	12.0	12.6	13.2	13.2	13.3	13.8	13.0	13.0	12.9	13.3	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.8	12.5
10	12.1	12.0	12.0	11.9	11.9	12.0	12.6	13.0	13.5	13.4	12.8	12.7	12.7	12.7	12.9	12.5	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.5	12.4
11	12.0	12.0	11.9	11.9	11.9	11.9	12.5	12.9	13.2	12.6	12.6	12.5	12.4	13.0	12.7	12.5	12.4	12.3	12.2	12.2	12.2	12.1	12.1	12.0	11.9	13.2	12.3
12	12.0	12.0	12.0	11.9	11.9	11.9	12.4	12.8	13.1	12.5	12.4	12.5	12.4	12.3	12.3	12.3	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	13.1	12.2
13	11.9	11.9	11.9	11.9	11.9	11.9	12.3	12.6	12.7	12.9	13.0	13.3	12.5	12.9	12.8	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.3	12.4
14	12.1	12.0	12.0	12.0	11.9	12.0	12.5	12.9	13.4	12.7	12.9	12.5	13.0	13.2	12.7	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.4	12.4
15	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	12.9	12.5	12.4	12.4	12.3	11.9	12.3	12.2	12.1	12.1	12.1	12.0	11.9	11.9	11.9	11.9	11.9	12.9	12.2
16	11.9	11.9	11.9	11.9	11.9	11.9	12.4	12.7	12.9	13.0	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	11.9	13.0	12.2
17	11.9	11.9	11.9	11.9	11.9	11.9	12.3	12.7	12.8	13.1	13.3	12.5	12.4	12.3	12.5	12.4	12.3	12.2	12.1	12.1	12.1	12.0	12.0	11.9	11.9	13.3	12.3
18	11.9	11.9	11.9	11.9	11.9	12.0	12.4	12.7	13.1	13.1	12.8	12.8	12.7	13.4	12.8	12.5	12.4	12.4	12.3	12.2	12.2	12.2	12.1	12.1	11.9	13.4	12.4
19	12.1	12.1	12.0	12.0	11.9	12.0	12.5	12.9	13.4	13.3	12.9	13.2	12.8	13.1	12.9	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	11.9	13.4	12.5
20	12.1	12.0	12.0	11.9	11.9	12.0	12.6	13.1	13.5	12.8	13.2	12.7	12.7	13.3	12.7	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.5	12.4
21	12.0	12.0	12.0	11.9	11.9	12.0	12.5	12.9	13.1	12.6	12.5	12.5	13.0	13.1	12.7	12.5	12.4	12.3	12.3	12.2	12.1	12.1	12.1	12.1	11.9	13.1	12.4
22	12.0	12.0	12.0	12.0	11.9	11.9	12.0	12.1	12.6	12.5	12.4	12.4	12.6	12.6	12.4	12.3	12.2	12.1	12.1	12.0	11.9	11.9	11.9	11.9	11.9	12.6	12.2
23	11.8	11.8	11.8	11.8	11.8	11.9	12.4	12.8	13.0	13.2	12.6	12.7	12.5	12.5	12.4	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.8	13.2	12.3
24	11.9	11.9	11.9	11.9	11.8	11.9	12.4	12.8	13.2	13.6	12.9	13.5	12.8	13.6	12.8	12.5	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.1	11.8	13.6	12.5
25	12.1	12.1	12.0	12.0	11.9	12.0	12.5	12.9	13.3	13.1	12.9	12.9	13.1	13.1	12.8	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.3	12.4
26	12.1	12.0	12.0	11.9	11.9	12.0	12.5	12.9	13.1	12.6	12.6	12.5	12.8	13.2	12.5	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.1	11.9	13.2	12.4
27	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.9	13.4	12.9	13.3	13.6	12.9	13.5	13.2	12.5	12.4	12.4	12.3	12.2	12.2	12.2	12.1	12.1	11.9	13.6	12.5
28	12.1	12.1	12.0	12.0	11.9	11.9	12.0	11.9	12.2	13.2	13.7	13.0	13.0	13.1	12.7	12.6	12.5	12.4	12.3	12.2	12.2	12.1	12.1	12.0	11.9	13.7	12.4
29	12.0	11.9	11.9	11.9	11.8	12.0	12.5	13.0	13.3	13.6	13.5	13.1	12.7	13.5	12.7	12.5	12.4	12.3	12.2	12.2	12.2	12.1	12.1	12.1	11.8	13.6	12.5
30	12.0	12.0	11.9	11.9	11.8	12.0	12.6	12.8	13.0	12.7	12.5	12.5	12.5	13.1	12.7	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.1	11.8	13.1	12.3
Min	11.8	11.4	11.8	11.8	11.8	11.9	12.0	11.9	12.2	12.5	12.4	12.4	12.3	11.9	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	11.4		
Max	12.1	12.1	12.0	12.0	11.9	12.0	12.6	13.2	13.9	13.6	13.8	13.6	13.6	13.6	13.4	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1		13.9	
Avg	12.0	12.0	12.0	11.9	11.9	12.0	12.4	12.8	13.1	12.9	12.9	12.8	12.7	12.9	12.7	12.5	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.0			12.4

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