

# Desert Hot Springs Meteorological Data

July 2009

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: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 14:28:35  
Output File Name: DHSB0709.9

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	17.6	9.2	6.2	4.5	4.7	2.5	5.0	4.6	3.2	4.6	10.4	7.0	7.9	7.1	2.3	7.5	6.6	7.7	13.8	9.6	12.3	7.8	7.3	7.3	2.3	17.6	7.4
2	3.4	2.5	1.4	2.4	3.7	2.8	1.3	1.6	3.9	5.6	7.2	7.1	8.9	10.5	8.7	9.2	14.2	16.6	17.4	15.7	16.8	15.4	9.8	8.2	1.3	17.4	8.1
3	3.7	3.6	2.6	3.0	1.8	1.7	1.2	1.2	2.9	6.8	8.0	8.2	7.9	6.9	13.5	19.0	21.5	21.6	20.2	18.3	16.4	12.6	14.8	14.2	1.2	21.6	9.6
4	14.7	13.5	10.5	7.3	3.7	3.3	4.6	7.3	8.8	5.1	9.0	14.2	16.3	17.0	19.3	19.3	19.5	19.3	15.8	9.3	10.1	13.9	11.3	13.1	3.3	19.5	11.9
5	13.0	10.9	11.6	8.9	11.6	13.3	9.7	12.9	15.6	18.0	19.4	20.2	22.1	23.3	23.5	23.0	22.1	21.4	18.2	16.7	14.4	12.7	11.0	8.6	8.6	23.5	15.9
6	8.2	7.9	2.2	3.1	3.8	3.1	2.4	7.4	14.4	14.6	9.4	9.6	9.7	15.7	17.9	19.6	19.0	18.1	14.2	9.8	8.6	9.0	6.3	6.7	2.2	19.6	10.0
7	4.9	4.3	5.6	4.5	3.5	2.3	2.7	5.1	6.7	7.5	8.2	10.1	11.7	18.2	20.1	20.2	21.4	21.0	19.6	19.3	18.7	15.7	17.8	13.8	2.3	21.4	11.8
8	12.1	13.2	8.5	7.4	9.6	4.8	9.7	5.3	6.5	12.5	15.4	15.4	17.9	18.9	21.6	21.9	19.7	20.9	21.6	14.6	18.0	8.8	6.8	9.9	4.8	21.9	13.4
9	11.1	8.7	5.1	4.7	5.4	3.8	4.4	5.1	13.0	14.1	15.1	12.6	13.6	16.9	18.0	19.8	20.4	21.1	13.8	11.7	14.8	5.8	5.2	6.4	3.8	21.1	11.3
10	9.3	5.4	4.3	5.1	3.3	4.2	2.1	3.8	13.5	12.7	12.9	13.1	17.9	17.6	16.5	18.6	17.9	16.6	15.9	12.6	8.5	10.8	6.6	5.6	2.1	18.6	10.6
11	7.7	5.9	6.0	3.7	4.8	4.3	3.1	3.2	8.1	12.3	9.0	8.1	10.6	13.5	13.7	16.0	17.2	17.4	15.2	13.5	12.6	11.8	15.7	15.1	3.1	17.4	10.3
12	9.4	5.0	6.2	5.5	5.6	4.9	2.2	2.5	12.4	16.0	16.1	15.9	15.3	15.5	17.3	18.2	18.1	17.7	15.6	11.9	14.7	12.8	14.4	12.8	2.2	18.2	11.9
13	12.9	10.0	10.5	7.5	6.7	7.3	4.2	4.8	11.5	13.6	13.8	14.2	15.1	15.5	16.1	16.8	17.1	17.2	18.1	13.8	5.0	9.6	11.2	4.2	4.2	18.1	11.5
14	3.4	2.3	3.4	3.6	3.1	2.4	2.6	1.8	2.8	9.4	8.0	10.0	11.1	10.4	11.4	12.7	15.3	15.5	14.0	9.6	10.4	11.6	12.5	9.6	1.8	15.5	8.2
15	7.1	4.6	4.3	4.3	4.2	3.0	4.2	3.9	5.9	5.0	5.0	6.0	6.0	6.6	7.2	8.1	7.8	10.7	14.2	11.2	4.8	9.0	8.5	6.4	3.0	14.2	6.6
16	3.7	5.0	4.2	5.2	4.5	4.4	2.5	1.4	1.5	2.5	6.5	10.3	14.0	15.6	17.9	21.0	21.3	20.6	21.3	19.7	18.0	18.0	17.0	15.0	1.4	21.3	11.3
17	12.9	11.5	7.6	3.9	5.1	2.9	2.2	2.1	8.5	8.4	7.9	8.4	11.6	16.4	17.9	17.5	20.3	22.0	19.5	18.1	16.3	15.2	11.3	4.4	2.1	22.0	11.3
18	4.3	3.8	2.0	8.0	5.9	3.9	2.6	1.4	3.6	4.5	4.9	4.9	7.9	8.9	9.6	8.2	11.2	12.7	7.5	5.5	7.5	4.2	5.6	2.3	1.4	12.7	5.9
19	2.0	2.9	2.5	5.7	3.5	3.6	4.1	5.0	2.3	4.8	7.6	10.8	12.0	11.5	9.9	10.0	10.7	18.7	19.1	15.6	12.1	11.8	7.6	3.8	2.0	19.1	8.2
20	3.1	3.4	4.0	2.3	2.2	2.3	3.5	6.9	6.1	8.2	6.8	10.9	16.6	19.4	20.8	19.9	20.6	19.0	16.2	14.7	12.6	14.7	12.7	8.8	2.2	20.8	10.7
21	9.8	7.2	3.7	4.3	2.6	2.3	4.7	6.0	8.2	12.0	14.2	14.3	12.7	14.9	17.1	18.0	18.4	17.8	17.5	18.6	16.9	15.6	11.5	7.1	2.3	18.6	11.5
22	4.6	4.0	4.7	4.7	4.1	2.7	1.9	3.1	8.6	6.3	5.8	6.7	7.4	6.0	10.5	16.0	16.1	19.2	17.5	16.0	10.5	11.1	12.0	4.9	1.9	19.2	8.5
23	3.0	3.0	3.6	4.0	3.1	1.8	2.6	5.9	12.8	6.5	6.1	8.6	8.4	9.3	11.1	12.6	14.1	10.7	8.2	7.4	4.9	3.0	2.6	2.5	1.8	14.1	6.5
24	4.0	1.9	0.9	1.8	2.9	1.1	2.2	4.1	4.7	4.8	5.5	7.4	7.3	8.7	8.3	7.3	7.2	6.0	3.8	3.4	7.8	6.1	4.6	3.7	0.9	8.7	4.8
25	1.6	1.9	1.5	2.4	0.9	1.4	1.1	3.4	7.4	5.6	6.6	5.8	6.6	8.4	7.5	8.3	5.3	8.6	13.4	12.3	5.0	3.3	3.6	3.8	0.9	13.4	5.2
26	2.1	0.7	1.0	1.7	2.0	2.2	0.8	1.0	3.1	4.6	5.4	6.1	5.8	5.7	11.7	16.7	17.8	19.3	20.5	17.9	16.9	13.4	16.8	12.9	0.7	20.5	8.6
27	5.2	4.7	5.2	5.2	3.5	2.4	1.9	4.1	9.9	12.5	10.6	12.0	15.6	19.2	20.0	19.5	20.2	19.2	19.6	18.2	16.2	17.4	17.4	10.2	1.9	20.2	12.1
28	4.6	6.3	5.8	2.9	2.8	2.9	3.3	4.6	14.5	13.7	16.4	18.9	16.7	18.1	19.8	21.7	21.8	23.8	21.5	19.6	17.7	16.1	17.1	14.2	2.8	23.8	13.5
29	5.5	5.5	5.6	8.2	3.9	3.4	2.5	5.1	6.0	9.4	10.5	16.8	15.5	18.8	21.4	23.8	22.9	22.5	18.0	12.9	14.2	16.2	10.2	10.5	2.5	23.8	12.0
30	4.3	4.0	3.0	3.0	1.8	3.1	2.5	5.5	3.0	2.7	3.1	4.5	7.8	13.3	17.6	15.4	13.9	14.8	13.4	14.8	10.3	7.3	2.5	2.4	1.8	17.6	7.2
31	2.2	3.0	3.4	2.9	2.7	2.5	2.4	3.0	2.1	4.8	5.8	6.3	7.1	7.1	7.2	8.3	14.0	13.9	12.3	5.2	2.6	2.5	2.5	2.7	2.1	14.0	5.3
Min	1.6	0.7	0.9	1.7	0.9	1.1	0.8	1.0	1.5	2.5	3.1	4.5	5.8	5.7	2.3	7.3	5.3	6.0	3.8	3.4	2.6	2.5	2.5	2.3	0.7		
Max	17.6	13.5	11.6	8.9	11.6	13.3	9.7	12.9	15.6	18.0	19.4	20.2	22.1	23.3	23.5	23.8	22.9	23.8	21.6	19.7	18.7	18.0	17.8	15.1		23.8	
Avg	6.8	5.7	4.7	4.6	4.1	3.4	3.2	4.3	7.5	8.7	9.4	10.5	11.8	13.4	14.7	15.9	16.6	17.1	16.0	13.5	12.1	11.1	10.1	8.1			9.7

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

#### Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

Site: Desert Hot Springs (data subject to change) Validation Level: B  
 Month: July Printout Date: 08-05-2009  
 Year: 2009 Printout Time: 14:28:35  
 Time Zone: PST Output File Name: DHSB0709.10

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	295	279	178	163	300	186	216	251	5	101	165	155	140	157	156	350	2	334	276	264	243	273	235	259	[ W ]
2	316	326	112	358	336	351	95	79	166	173	150	155	139	132	129	211	267	269	271	276	273	276	313	283	[ W ]
3	320	347	345	348	27	12	92	109	130	145	152	132	159	156	233	266	271	270	276	278	278	305	308	300	[ W ]
4	297	310	321	316	253	33	31	148	172	177	238	264	271	270	270	271	271	270	275	281	294	284	303	320	[ W ]
5	320	320	319	326	317	323	316	265	266	267	264	265	263	265	266	263	264	263	264	283	296	306	311	309	[ W ]
6	317	299	88	90	64	78	86	241	245	241	218	207	241	268	265	274	277	279	276	282	294	278	237	202	[ W ]
7	117	118	122	185	161	36	21	176	157	151	150	182	210	262	264	268	274	276	283	283	295	290	292	321	[WNW]
8	330	324	263	280	273	209	242	326	266	239	233	254	262	270	276	271	270	275	278	284	293	279	265	269	[ W ]
9	276	269	216	176	285	16	167	152	233	240	235	241	257	257	268	276	271	278	274	271	275	308	319	313	[ W ]
10	308	311	321	315	304	1	64	85	254	248	252	246	260	252	256	267	271	275	279	286	269	258	284	300	[WSW]
11	291	313	294	11	338	334	349	23	268	251	248	264	265	254	254	270	274	275	280	287	289	306	284	279	[ W ]
12	296	319	319	323	321	321	1	13	271	265	261	261	259	265	271	274	274	272	274	302	298	305	312	299	[ W ]
13	291	294	318	313	306	320	32	102	256	221	234	253	258	272	270	276	276	272	266	293	299	259	267	315	[ W ]
14	22	348	333	24	38	342	345	53	12	263	239	249	239	256	257	270	273	275	279	274	294	293	287	297	[ W ]
15	317	333	335	339	335	67	127	179	149	138	168	171	148	143	146	145	154	220	265	274	294	311	271	297	[SE]
16	315	316	324	329	341	342	12	123	7	153	205	182	253	266	263	270	271	267	268	277	279	294	287	294	[ W ]
17	304	295	306	320	314	343	83	84	244	230	232	233	247	261	266	264	273	272	273	277	290	290	307	321	[ W ]
18	332	331	68	180	290	333	307	140	136	133	157	144	139	140	141	136	140	144	153	172	159	284	308	306	[SE]
19	353	335	130	268	55	59	122	163	131	146	136	144	152	151	158	159	209	274	275	284	298	290	274	163	[SSE]
20	119	89	95	14	5	60	113	174	144	152	162	226	271	267	257	254	260	273	283	282	280	282	270	283	[ W ]
21	300	326	321	345	314	21	118	89	258	260	236	252	255	259	272	270	263	268	265	268	279	283	299	317	[ W ]
22	307	332	327	331	335	350	51	115	218	221	225	180	200	222	265	271	265	268	275	282	289	246	256	314	[ W ]
23	332	334	338	333	9	6	90	127	208	186	152	140	137	143	138	140	141	141	156	233	265	333	270	148	[SE]
24	117	67	168	72	94	49	96	160	146	144	138	128	136	120	109	137	152	167	189	255	273	320	281	235	[SE]
25	127	160	23	335	30	351	15	124	138	146	149	163	144	144	176	165	194	236	268	266	339	327	272	77	[SE]
26	67	16	17	333	42	62	113	90	134	177	181	157	175	150	243	268	273	272	275	273	277	292	280	291	[ W ]
27	325	332	326	330	326	5	82	88	258	249	249	246	261	266	272	273	275	275	275	277	284	292	288	305	[ W ]
28	319	327	326	25	57	81	92	116	255	255	254	260	264	268	267	270	271	272	271	283	285	288	295	314	[ W ]
29	358	330	341	235	111	52	37	244	256	241	207	235	245	261	271	272	270	273	280	289	306	304	298	305	[ W ]
30	353	194	315	21	62	335	135	148	129	86	154	228	220	245	255	256	258	263	264	259	266	255	324	309	[WSW]
31	21	358	43	358	340	333	316	101	116	132	166	145	170	180	168	167	262	268	265	193	358	345	311	60	[NNW]

[illegible]

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Total Data Records Possible: 744
Total Valid Data Records: 744
Percent Data Recovery: 100.0
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## 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: Desert Hot Springs (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 14:28:35  
Output File Name: DHSB0709.10t

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

Prev [NW] [NNW] [NW] [NNW] [NNW] [NNW] [E] [E] [WSW] [WSW] [SSE] [WSW] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W] [W]

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

#### Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

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

Site: Desert Hot Springs (data subject to change)  
 Month: July  
 Year: 2009  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-05-2009  
 Printout Time: 14:28:36  
 Output File Name: DHSB0709.11

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	12.3	21.6	20.9	49.0	47.8	52.9	22.9	25.6	44.5	40.5	13.1	22.1	19.8	32.9	50.0	12.5	23.0	21.0	13.4	14.5	10.8	34.0	25.6	19.8	10.8	52.9	27.1
2	29.5	32.2	73.6	28.8	6.4	11.4	23.5	42.9	28.9	38.5	29.7	27.4	22.2	17.1	33.3	38.9	14.9	13.2	14.0	14.0	12.9	13.7	15.9	16.5	6.4	73.6	25.0
3	17.0	16.4	16.4	18.4	36.5	22.8	15.6	31.8	34.2	18.1	26.3	19.9	21.6	34.4	24.5	13.8	13.1	12.7	13.1	12.9	14.0	15.1	14.5	13.6	12.7	36.5	19.9
4	13.1	14.6	15.1	18.2	41.4	59.3	42.5	54.9	14.0	36.0	37.5	17.0	17.4	17.0	15.6	15.0	14.7	14.0	15.0	22.3	22.7	17.4	19.5	16.9	13.1	59.3	23.8
5	13.5	16.1	17.9	19.5	13.4	13.6	19.1	15.3	14.1	13.7	13.4	14.3	13.9	13.6	14.2	13.3	13.5	13.4	13.9	14.3	12.1	12.6	12.4	13.3	12.1	19.5	14.4
6	13.7	20.7	68.6	30.8	51.1	35.5	38.1	17.9	12.0	16.3	26.8	27.7	30.0	20.7	14.9	13.9	13.4	13.0	14.1	15.7	14.5	15.0	41.2	40.8	12.0	68.6	25.3
7	45.2	27.2	11.3	37.9	59.9	66.8	75.5	43.4	19.2	19.3	21.1	22.6	28.8	15.2	13.8	13.6	13.3	13.0	12.9	13.1	12.3	13.1	12.8	22.4	11.3	75.5	26.4
8	25.4	26.8	24.0	20.4	16.4	35.5	27.7	46.5	30.6	14.0	14.4	15.3	14.4	15.3	14.1	14.2	14.9	13.5	13.6	13.4	11.8	16.9	15.6	15.9	11.8	46.5	19.6
9	17.0	24.1	30.1	24.7	46.9	66.4	46.9	45.6	20.4	12.8	12.5	23.2	19.0	16.3	15.1	14.7	13.9	12.8	13.7	14.1	13.7	25.6	23.5	19.5	12.5	66.4	23.9
10	23.0	22.5	29.2	30.9	59.8	34.1	50.7	41.9	13.8	19.0	15.3	15.4	14.1	14.9	14.2	14.4	14.1	13.2	13.8	14.2	13.3	12.6	19.3	17.7	12.6	59.8	22.1
11	18.2	22.7	24.8	52.6	23.6	25.6	33.8	20.8	33.9	13.3	20.6	29.8	26.0	16.7	15.5	14.3	13.7	12.5	14.2	14.1	15.1	15.1	13.0	13.2	12.5	52.6	21.0
12	21.3	14.7	16.9	17.2	17.5	14.4	24.4	29.3	25.0	14.2	13.6	14.0	14.9	15.6	15.9	14.0	14.1	13.3	14.1	13.7	14.2	14.6	14.5	13.6	13.3	29.3	16.5
13	12.6	14.4	14.1	18.6	20.4	21.6	22.8	37.0	13.7	12.9	15.5	14.3	15.6	16.2	15.5	15.6	14.8	14.4	13.3	20.1	36.4	14.0	12.7	55.3	12.6	55.3	19.2
14	57.3	51.2	34.2	28.0	27.4	52.3	25.1	33.1	34.9	20.4	24.1	21.8	18.2	24.5	21.9	20.1	14.4	14.1	13.2	14.5	17.1	17.7	14.3	20.2	13.2	57.3	25.8
15	17.6	17.4	10.3	7.8	19.2	20.4	21.1	42.0	29.8	29.9	44.3	49.2	41.4	37.8	24.4	19.6	23.8	22.9	13.3	15.8	31.8	15.0	15.7	17.4	7.8	49.2	24.5
16	30.2	24.0	22.4	16.9	17.1	9.9	18.9	28.4	42.4	54.3	39.4	23.8	19.4	16.7	14.1	13.5	13.6	13.9	13.0	13.3	14.0	13.9	14.0	14.9	9.9	54.3	20.9
17	14.6	13.7	15.9	14.4	9.6	29.1	15.7	31.2	46.0	19.6	26.4	24.9	25.6	14.9	13.9	14.6	13.5	12.5	13.1	14.0	13.8	13.1	17.3	20.9	9.6	46.0	18.7
18	17.1	18.3	59.3	14.9	15.9	11.3	22.1	42.0	22.4	26.6	36.1	54.1	20.8	19.8	18.0	19.8	11.9	11.6	12.6	17.8	27.3	18.6	8.8	15.2	8.8	59.3	22.6
19	23.0	25.4	27.9	62.7	11.1	12.4	16.8	17.3	53.3	24.9	23.3	16.2	16.8	16.2	17.8	16.6	22.1	12.8	12.7	13.0	13.2	13.9	15.5	27.0	11.1	62.7	21.3
20	43.3	24.0	63.8	32.9	28.7	41.5	18.0	33.6	20.8	17.1	28.4	38.2	17.0	14.2	14.5	14.9	13.8	14.1	15.0	13.9	16.3	14.2	13.3	15.8	13.3	63.8	23.6
21	13.9	15.6	36.5	29.3	49.2	46.3	18.6	16.8	44.5	15.5	13.4	15.7	17.4	16.0	14.5	14.4	14.1	14.3	15.2	13.9	13.7	13.5	13.2	17.4	13.2	49.2	20.5
22	26.4	29.2	15.2	19.4	18.4	17.6	25.6	43.7	28.9	24.8	34.1	25.5	40.7	35.1	21.1	14.5	14.5	13.3	12.9	13.1	15.2	13.1	11.4	33.5	11.4	43.7	22.8
23	50.3	45.6	21.1	18.4	42.7	14.2	16.7	25.9	11.7	22.7	24.6	19.6	26.5	23.0	16.4	15.0	12.2	12.7	14.0	17.1	38.7	22.3	20.6	52.2	11.7	52.2	24.3
24	7.5	21.0	24.3	21.8	15.3	33.3	22.3	13.9	18.6	35.1	33.4	23.9	28.7	31.0	18.2	20.3	13.9	17.1	12.5	10.8	14.9	18.2	34.8	35.8	7.5	35.8	21.9
25	47.2	28.0	41.5	7.1	13.3	12.3	12.0	26.5	13.4	31.0	23.2	29.2	26.0	24.2	25.4	15.8	26.5	25.2	13.3	14.4	33.4	57.6	15.7	36.0	7.1	57.6	24.9
26	15.6	24.0	44.5	30.0	24.6	47.7	49.8	44.5	44.5	40.1	36.1	45.2	52.4	56.3	33.8	14.5	13.9	13.2	12.6	13.1	13.7	14.1	13.2	13.6	12.6	56.3	29.6
27	31.5	23.2	19.4	14.6	26.6	30.1	33.4	25.3	28.7	13.5	17.5	15.4	14.1	13.8	14.0	14.0	13.9	13.9	13.1	13.3	13.6	12.8	13.0	16.7	12.8	33.4	18.6
28	28.7	23.9	15.9	42.0	29.8	33.0	20.7	39.7	12.3	14.1	13.9	13.2	14.2	14.3	13.6	13.6	13.4	13.2	13.9	16.2	13.2	12.9	12.8	12.1	12.1	42.0	18.8
29	30.0	16.8	32.6	15.8	33.2	20.3	56.7	40.6	27.1	21.7	21.3	14.1	16.7	14.2	13.6	13.2	13.2	12.9	13.4	15.1	13.4	13.1	14.4	20.0	12.9	56.7	21.0
30	63.0	44.5	30.0	40.6	53.0	45.1	32.7	19.9	37.2	57.1	63.1	50.9	31.4	16.7	13.8	14.8	16.1	15.1	14.8	12.7	15.1	21.4	36.6	39.9	12.7	63.1	32.7
31	42.4	16.5	20.2	15.4	13.3	15.9	22.9	19.9	38.2	32.6	38.0	31.3	24.9	26.5	27.1	28.1	14.7	15.4	13.7	32.5	67.0	59.7	63.5	28.4	13.3	67.0	29.5
Min	7.5	13.7	10.3	7.1	6.4	9.9	12.0	13.9	11.7	12.8	12.5	13.2	13.9	13.6	13.6	12.5	11.9	11.6	12.5	10.8	10.8	12.6	8.8	12.1	6.4		
Max	63.0	51.2	73.6	62.7	59.9	66.8	75.5	54.9	53.3	57.1	63.1	54.1	52.4	56.3	50.0	38.9	26.5	25.2	15.2	32.5	67.0	59.7	63.5	55.3		75.5	
Avg	26.5	23.7	29.0	25.8	28.7	30.7	28.8	32.2	27.7	24.8	25.8	25.0	22.9	21.3	19.1	16.3	15.2	14.5	13.6	15.2	19.0	18.9	19.0	23.1			22.8

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

#### Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

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

Site: Desert Hot Springs (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 14:28:36  
Output File Name: DHSB0709.17

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	30.0	18.9	14.5	11.0	13.6	7.4	10.2	12.4	7.8	20.8	18.3	15.2	14.4	16.1	7.4	14.8	16.4	24.1	26.0	22.3	23.0	21.9	16.7	14.9	7.4	30.0	16.6
2	9.9	5.9	4.1	3.9	5.5	5.8	3.4	4.7	10.7	14.9	14.3	15.5	16.7	19.5	17.1	23.5	24.0	27.6	30.9	29.2	27.6	27.1	24.0	15.9	3.4	30.9	15.9
3	9.1	6.1	5.0	5.9	4.5	3.1	3.4	3.6	7.9	14.3	14.7	17.0	14.8	16.2	27.8	32.3	35.2	36.6	34.4	33.0	30.5	23.4	27.7	26.0	3.1	36.6	18.0
4	29.8	24.0	19.7	18.5	13.1	9.1	12.2	16.6	16.1	11.7	24.7	27.9	31.4	31.4	34.3	33.3	33.1	33.4	32.7	25.8	24.0	29.4	34.2	24.3	9.1	34.3	24.6
5	26.1	19.7	28.1	17.2	22.4	31.6	20.2	24.3	26.5	29.9	31.4	36.3	37.2	39.2	38.7	37.5	36.4	37.3	32.4	29.9	26.2	23.7	21.5	16.1	16.1	39.2	28.7
6	15.9	15.2	9.4	6.4	10.5	11.1	6.1	18.2	26.1	25.4	19.8	25.2	23.2	31.7	30.2	32.2	31.5	31.4	29.6	20.5	20.0	17.8	12.1	15.1	6.1	32.2	20.2
7	11.8	8.0	9.9	13.3	12.6	9.3	9.4	13.3	12.5	14.4	19.4	19.8	25.3	32.0	34.6	32.6	36.7	35.2	36.2	33.2	30.8	33.2	31.4	35.4	8.0	36.7	22.9
8	34.8	29.3	20.5	17.5	17.4	14.5	18.1	14.5	17.4	20.2	25.9	27.6	30.9	33.8	37.2	36.4	37.4	36.2	38.3	26.2	30.5	20.9	16.4	23.4	14.5	38.3	26.1
9	21.3	21.3	13.4	10.7	15.9	12.5	11.3	11.1	21.9	24.1	23.9	22.9	26.5	32.7	33.4	35.3	35.6	34.6	30.1	25.4	31.4	14.7	9.9	20.0	9.9	35.6	22.5
10	19.7	13.7	14.4	11.6	8.4	8.3	5.2	15.9	23.1	24.5	24.1	24.3	28.6	31.6	27.3	33.7	31.2	28.9	28.8	24.6	17.2	18.7	13.5	12.8	5.2	33.7	20.4
11	18.4	19.5	16.0	12.6	9.5	8.1	6.4	6.1	17.9	19.2	18.7	17.8	21.5	24.8	24.5	29.4	30.9	29.2	30.4	25.4	25.9	23.0	28.2	27.4	6.1	30.9	20.5
12	23.7	11.6	10.2	9.3	9.7	8.6	5.3	6.3	25.2	27.5	27.8	26.2	24.9	27.4	30.5	30.0	34.8	28.9	28.2	23.2	27.1	24.8	27.3	27.3	5.3	34.8	21.9
13	28.3	20.5	22.9	17.3	15.1	17.0	12.4	18.9	19.8	23.2	22.1	23.4	25.6	27.2	28.6	33.3	32.4	30.3	32.7	31.3	13.8	21.2	22.1	15.1	12.4	33.3	23.1
14	8.3	9.6	9.0	8.4	5.9	6.4	4.4	4.2	7.4	17.8	15.3	20.4	19.4	24.6	22.8	24.1	27.0	27.5	25.1	19.5	22.6	28.0	23.2	26.4	4.2	28.0	17.0
15	14.0	10.8	6.1	7.2	7.2	5.6	8.8	10.6	12.6	12.2	11.0	15.2	15.6	15.9	14.4	14.5	14.9	23.5	24.5	23.5	15.2	18.4	19.5	13.7	5.6	24.5	14.0
16	9.9	10.2	9.3	9.4	7.4	7.0	4.6	4.4	4.6	7.2	15.8	24.5	26.8	29.3	29.8	36.2	35.2	37.9	36.5	36.1	32.4	32.5	29.5	29.0	4.4	37.9	21.1
17	23.6	20.7	20.1	10.0	8.7	5.8	4.2	4.7	15.5	13.9	16.1	17.0	22.6	27.3	31.6	31.4	33.3	36.0	36.1	33.0	28.2	25.8	22.3	8.3	4.2	36.1	20.7
18	7.6	8.0	5.8	20.2	11.1	7.4	6.2	3.8	7.1	10.1	11.8	12.1	16.4	17.9	17.8	16.4	19.8	21.3	16.6	23.5	23.2	7.9	8.3	6.3	3.8	23.5	12.8
19	4.2	6.0	4.7	30.1	6.4	6.4	9.8	9.4	7.9	11.8	16.1	20.0	21.0	22.9	19.6	18.9	25.9	33.7	35.2	29.2	25.7	22.9	18.0	7.4	4.2	35.2	17.2
20	9.1	9.1	11.3	5.0	4.2	7.2	5.9	14.0	12.5	15.1	14.0	23.8	30.9	33.6	33.9	32.4	34.8	33.3	36.2	31.6	27.5	27.2	29.5	20.0	4.2	36.2	20.9
21	19.6	20.3	7.2	8.6	6.5	6.2	8.6	11.0	22.1	22.3	23.9	25.0	22.8	27.0	29.4	34.8	32.7	32.4	30.7	33.5	33.8	29.6	21.5	17.2	6.2	34.8	21.9
22	10.1	8.5	8.5	10.1	7.6	6.3	4.1	5.8	14.8	13.8	12.4	19.1	15.0	13.8	24.7	29.2	30.0	31.6	29.2	29.1	23.8	19.7	19.4	12.8	4.1	31.6	16.6
23	6.9	7.8	8.6	6.6	6.0	3.9	6.5	13.9	19.4	13.0	10.7	15.3	18.1	17.8	19.7	21.5	22.6	19.5	14.9	15.6	11.9	6.8	6.5	6.6	3.9	22.6	12.5
24	6.0	4.2	2.8	4.2	5.8	2.9	6.2	7.1	10.2	9.6	11.3	14.5	18.4	17.9	16.7	13.7	12.0	11.4	7.2	11.8	15.0	14.7	12.0	10.2	2.8	18.4	10.2
25	3.7	4.7	3.7	4.9	2.6	3.3	2.9	10.5	11.8	12.0	14.8	13.4	16.2	18.6	18.1	14.1	11.8	23.5	23.5	22.4	12.5	13.4	9.1	7.8	2.6	23.5	11.6
26	5.8	2.6	3.3	6.1	4.2	4.1	3.2	4.2	10.8	11.4	11.3	16.5	12.8	13.1	30.8	27.0	31.9	32.3	33.7	31.7	31.9	27.9	28.7	25.6	2.6	33.7	17.1
27	13.8	9.2	8.4	8.6	8.0	5.8	5.8	6.9	17.8	19.0	19.1	21.9	27.9	31.8	32.4	34.7	33.5	35.1	34.7	33.2	31.2	31.6	29.5	25.6	5.8	35.1	21.9
28	12.2	15.6	12.4	8.0	5.8	6.2	6.5	15.9	24.5	24.3	29.1	32.7	27.3	31.2	32.2	37.0	36.5	42.5	38.1	36.2	30.3	29.5	29.1	27.5	5.8	42.5	24.6
29	12.1	11.3	15.2	13.1	7.6	7.9	6.4	11.4	16.3	22.1	23.5	27.0	26.7	34.3	36.4	39.4	38.9	38.2	39.4	28.9	27.1	28.5	25.2	22.6	6.4	39.4	23.3
30	16.2	8.7	9.1	6.6	4.7	5.6	8.9	11.0	6.9	8.8	7.8	10.7	17.9	25.6	28.1	26.9	26.1	31.0	25.3	25.5	22.6	16.6	9.4	6.6	4.7	31.0	15.3
31	4.8	5.0	6.4	5.9	4.9	4.8	4.7	5.9	6.0	12.1	12.0	14.2	13.5	16.8	13.5	19.1	24.9	26.5	22.1	16.7	9.5	9.9	8.0	7.6	4.7	26.5	11.5
Min	3.7	2.6	2.8	3.9	2.6	2.9	2.9	3.6	4.6	7.2	7.8	10.7	12.8	13.1	7.4	13.7	11.8	11.4	7.2	11.8	9.5	6.8	6.5	6.3	2.6		
Max	34.8	29.3	28.1	30.1	22.4	31.6	20.2	24.3	26.5	29.9	31.4	36.3	37.2	39.2	38.7	39.4	38.9	42.5	39.4	36.2	33.8	33.2	34.2	35.4	42.5		
Avg	15.1	12.4	11.0	10.6	8.8	8.0	7.5	10.3	14.9	17.0	18.1	20.7	22.3	25.3	26.6	28.2	29.3	30.7	29.7	26.8	24.3	22.3	20.4	17.9		19.1	

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

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
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- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
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- 980 Power failure
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Processed using: TABLE.EXE version 1.2

Variable: Battery Voltage  
Units: volts  
Channel: 7

Site: Desert Hot Springs (data subject to change)  
Month: July  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 08-05-2009  
Printout Time: 14:28:35  
Output File Name: DHSB0709.7

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	12.5	12.5	12.5	12.5	12.5	12.5	12.7	13.0	13.4	13.1	13.4	13.2	13.3	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.5	12.5	13.4	12.8
2	12.5	12.5	12.5	12.4	12.4	12.5	12.8	13.1	13.3	13.4	13.5	13.4	13.4	13.3	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.5	12.9
3	12.7	12.7	12.6	12.6	12.6	12.5	12.9	13.2	13.4	13.4	13.6	13.5	13.4	13.3	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.5	13.6	13.0
4	12.7	12.7	12.7	12.7	12.6	12.7	13.0	13.3	13.4	13.5	13.1	13.0	12.9	12.9	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.6	12.6	12.6	13.5	12.9
5	12.5	12.5	12.5	12.4	12.4	12.5	12.8	13.2	13.4	13.5	13.5	13.5	13.5	13.3	13.2	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.5	12.9
6	12.7	12.7	12.7	12.6	12.6	12.7	13.0	13.3	13.5	13.8	13.1	13.0	13.0	12.9	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.6	13.8	12.9
7	12.5	12.5	12.4	12.4	12.4	12.5	12.8	13.3	13.4	13.5	13.6	13.6	13.5	13.3	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.6	13.0
8	12.8	12.8	12.7	12.7	12.7	12.7	13.0	13.4	13.5	13.8	13.1	13.2	13.5	13.5	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.7	13.8	13.0
9	12.7	12.7	12.6	12.6	12.6	12.6	13.0	13.3	13.5	13.8	13.1	13.7	13.7	13.4	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	13.8	13.0
10	12.7	12.7	12.7	12.6	12.6	12.7	13.0	13.4	13.5	13.2	13.1	13.5	13.6	13.3	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.6	13.0
11	12.7	12.7	12.7	12.6	12.6	12.6	12.7	13.3	13.4	13.5	13.6	13.6	13.5	13.3	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.6	13.0
12	12.7	12.7	12.7	12.7	12.7	12.7	13.0	13.3	13.4	13.6	13.7	13.1	13.0	12.9	12.9	12.9	12.8	12.7	12.8	12.7	12.7	12.7	12.6	12.6	12.6	13.7	12.9
13	12.6	12.6	12.6	12.5	12.5	12.6	12.9	13.2	13.4	13.4	13.5	13.5	13.5	13.3	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.5	13.5	13.0
14	12.8	12.7	12.7	12.7	12.7	12.6	13.0	13.1	13.2	13.5	13.7	13.7	13.6	13.4	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.7	13.0
15	12.7	12.7	12.7	12.7	12.7	12.7	13.0	13.3	13.4	13.6	13.9	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.6	13.9	12.9
16	12.6	12.6	12.5	12.5	12.5	12.5	12.8	13.2	13.3	13.4	13.4	13.4	13.4	13.2	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.5	13.4	12.9
17	12.7	12.7	12.7	12.7	12.6	12.7	13.0	13.3	13.4	13.5	13.3	13.0	12.9	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.6	12.6	12.5	12.5	12.5	13.5	12.8
18	12.5	12.5	12.5	12.4	12.4	12.5	12.8	13.1	13.3	13.3	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.4	13.4	12.9
19	12.6	12.6	12.6	12.6	12.5	12.6	12.6	13.1	13.3	13.4	13.5	13.5	13.4	13.3	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.5	13.5	12.9
20	12.7	12.7	12.7	12.6	12.6	12.6	12.9	13.3	13.4	13.6	13.1	13.0	12.9	12.9	13.0	12.9	12.8	12.8	12.7	12.6	12.6	12.6	12.5	12.5	12.5	13.6	12.8
21	12.5	12.5	12.5	12.4	12.4	12.5	12.8	13.2	13.4	13.5	13.5	13.6	13.5	13.4	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.6	13.0
22	12.8	12.7	12.7	12.7	12.7	12.7	13.0	13.3	13.3	13.5	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.5	12.5	12.5	13.5	12.8
23	12.5	12.4	12.4	12.4	12.4	12.5	12.9	13.2	13.4	13.2	13.4	13.5	13.3	13.3	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.7	12.4	13.5	12.9
24	12.7	12.7	12.6	12.6	12.6	12.5	12.5	12.6	13.1	13.4	13.3	13.3	13.5	13.3	13.2	13.1	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.5	13.5	12.9
25	12.6	12.6	12.5	12.5	12.4	12.5	12.8	13.1	13.2	13.4	13.4	13.6	13.5	13.3	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.4	13.6	12.9
26	12.7	12.6	12.6	12.6	12.6	12.6	12.9	13.3	13.4	13.5	13.5	13.5	13.4	13.3	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.5	13.0
27	12.7	12.7	12.7	12.7	12.7	12.7	13.0	13.3	13.5	13.7	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	13.7	12.8
28	12.5	12.5	12.5	12.4	12.4	12.5	12.9	13.3	13.4	13.5	13.5	13.6	13.5	13.4	13.2	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.6	13.0
29	12.8	12.7	12.7	12.7	12.7	12.7	13.1	13.3	13.5	13.7	13.1	13.0	12.9	12.9	13.1	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.6	13.7	12.9
30	12.6	12.5	12.5	12.5	12.4	12.5	12.9	13.4	13.5	13.6	13.6	13.6	13.5	13.4	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.4	13.6	13.0
31	12.7	12.7	12.7	12.7	12.7	12.7	13.1	13.4	13.5	13.8	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.6	12.6	13.8	12.9
Min	12.5	12.4	12.4	12.4	12.4	12.5	12.5	12.6	13.1	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.7	12.6	12.6	12.6	12.6	12.5	12.5	12.4		
Max	12.8	12.8	12.7	12.7	12.7	12.7	13.1	13.4	13.5	13.8	13.9	13.7	13.7	13.5	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8		13.9	
Avg	12.6	12.6	12.6	12.6	12.6	12.6	12.9	13.2	13.4	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.7			12.9

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