

Desert Hot Springs Meteorological Data

October 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: October
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-16-2009
Printout Time: 09:45:15
Output File Name: DHSB1009.9

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	3.8	6.3	5.6	4.2	6.7	9.6	10.6	9.4	7.6	6.4	8.6	7.5	5.7	6.7	4.9	5.3	5.8	2.8	5.6	4.8	7.9	6.7	3.7	2.7	2.7	10.6	6.2
2	2.3	2.6	3.7	4.0	3.1	4.7	7.9	2.4	2.4	3.1	4.5	4.3	7.5	9.9	11.6	11.6	8.5	4.9	3.4	3.3	2.6	3.0	3.7	2.4	2.3	11.6	4.9
3	3.3	2.8	4.1	3.0	2.7	3.1	2.8	2.4	8.3	10.7	7.6	8.6	8.7	19.1	19.7	18.8	18.5	19.9	20.1	22.7	26.2	26.1	24.7	22.1	2.4	26.2	12.7
4	27.6	30.3	27.2	24.7	24.5	24.7	26.4	23.5	24.1	27.3	24.1	25.2	26.2	27.4	27.8	24.4	23.9	23.5	21.8	21.1	19.8	20.5	19.0	16.1	16.1	30.3	24.2
5	16.2	15.1	17.4	11.3	5.4	11.5	7.3	6.6	4.5	4.5	8.7	10.4	8.6	7.8	6.2	6.4	8.8	10.4	9.8	9.6	8.4	7.0	5.0	5.6	4.5	17.4	8.8
6	4.4	4.8	7.0	4.5	2.1	1.8	3.3	2.7	3.2	7.0	9.0	8.6	8.1	7.1	9.9	8.3	7.0	6.6	12.7	8.8	9.9	10.5	9.5	12.2	1.8	12.7	7.0
7	10.2	10.5	10.5	9.9	12.6	9.9	8.6	11.2	14.7	16.2	18.9	18.8	20.2	19.3	19.8	18.0	18.6	17.3	18.4	12.7	10.2	13.2	12.4	10.0	8.6	20.2	14.2
8	9.4	9.1	5.0	4.8	3.9	4.6	5.1	1.6	5.4	11.5	12.1	11.3	11.7	14.1	17.9	17.5	15.4	12.5	5.5	4.8	3.4	3.6	3.1	3.3	1.6	17.9	8.2
9	3.0	3.3	3.7	3.8	5.4	2.3	3.7	1.3	0.9	3.3	-960	-960	-960	6.1	5.7	4.5	6.0	3.9	6.3	5.5	8.3	5.8	5.8	3.1	0.9	8.3	4.4
10	3.8	4.5	5.1	3.5	4.9	5.6	2.0	1.5	1.6	2.6	4.5	3.7	6.9	6.5	6.0	8.5	7.9	6.3	6.3	9.4	10.0	9.4	4.7	4.3	1.5	10.0	5.4
11	4.5	6.2	5.5	4.3	4.0	4.7	2.4	2.6	8.4	11.1	12.4	12.8	12.9	10.1	11.4	15.8	14.6	15.4	10.1	6.5	7.3	4.9	2.8	3.2	2.4	15.8	8.1
12	3.4	3.9	3.5	3.1	3.4	1.9	1.8	8.6	13.5	12.8	13.0	15.5	19.6	19.3	18.5	20.0	20.8	18.1	17.9	18.7	20.3	18.8	20.4	23.7	1.8	23.7	13.4
13	17.3	11.3	10.2	7.7	11.2	10.4	9.7	6.2	15.3	16.2	18.4	17.7	19.1	21.3	20.7	19.9	19.1	17.5	20.3	23.4	21.5	21.5	20.1	20.4	6.2	23.4	16.5
14	17.8	19.3	20.7	18.4	7.6	10.2	7.7	4.9	8.7	14.4	10.9	19.2	18.6	20.7	20.6	14.5	12.0	11.4	4.4	3.2	3.0	5.1	5.6	3.7	3.0	20.7	11.8
15	3.3	3.0	4.5	3.7	3.1	3.4	3.2	1.3	2.0	4.1	3.4	4.2	4.9	4.7	6.0	5.7	3.7	3.2	6.0	6.9	5.4	5.0	6.4	5.9	1.3	6.9	4.3
16	8.3	7.2	6.0	4.5	3.4	3.5	3.5	3.8	4.0	4.7	7.1	8.9	8.9	9.7	10.6	10.9	8.8	6.6	7.7	7.8	7.5	5.0	4.2	6.2	3.4	10.9	6.6
17	6.4	7.8	8.2	8.2	7.0	7.3	5.2	3.8	2.2	3.0	4.0	3.3	5.1	6.9	6.6	6.6	5.6	3.4	5.7	2.5	4.0	5.9	4.0	5.1	2.2	8.2	5.3
18	5.8	5.2	5.0	5.0	5.0	5.1	3.5	2.8	4.5	6.9	9.0	6.0	7.2	6.9	7.9	6.1	12.6	15.7	17.1	15.4	11.5	8.7	5.0	6.0	2.8	17.1	7.7
19	5.2	11.4	11.5	17.9	20.1	17.9	15.9	8.6	12.2	21.0	22.5	22.4	24.3	25.3	28.0	27.8	27.8	27.8	27.0	23.8	24.7	25.1	23.6	19.0	5.2	28.0	20.4
20	20.4	18.0	16.2	14.6	12.6	9.3	10.6	12.4	15.5	14.3	15.0	10.8	6.6	8.6	7.4	6.9	8.3	10.4	7.9	7.8	5.7	5.8	3.0	3.2	3.0	20.4	10.5
21	2.8	3.2	3.4	7.0	6.4	7.0	6.1	4.4	3.1	4.6	3.8	3.9	3.5	4.5	5.1	5.0	4.5	3.8	4.8	5.1	4.1	6.0	6.0	3.6	2.8	7.0	4.7
22	3.9	4.4	6.5	4.1	3.8	5.1	4.4	1.9	3.6	2.8	3.6	5.0	4.4	5.2	4.5	7.0	4.5	2.3	5.9	6.0	7.6	7.8	4.9	7.7	1.9	7.8	4.9
23	4.6	6.8	6.2	7.2	7.2	4.7	4.5	4.6	1.9	4.4	6.1	4.7	5.3	5.3	4.5	5.3	3.9	2.5	4.6	4.5	3.4	4.2	6.9	4.9	1.9	7.2	4.9
24	6.0	5.2	4.6	4.2	4.0	5.0	3.5	1.7	1.4	1.2	7.2	9.4	11.1	15.3	16.5	15.7	11.6	11.3	5.2	2.5	5.0	2.8	4.8	5.2	1.2	16.5	6.7
25	5.2	3.8	5.9	7.4	5.8	4.9	12.4	15.4	20.8	19.7	18.2	17.7	16.4	15.6	14.3	16.3	17.6	15.0	10.7	16.2	3.7	5.7	6.3	8.7	3.7	20.8	11.8
26	7.0	5.0	3.6	5.0	4.4	9.0	8.6	8.2	3.3	2.5	4.4	5.1	5.8	6.9	7.3	6.3	3.6	1.7	5.6	6.8	5.5	6.1	4.7	4.2	1.7	9.0	5.4
27	4.5	4.1	4.8	7.7	14.9	17.0	14.7	18.4	21.9	24.0	26.8	26.3	27.4	26.1	24.3	21.9	19.2	14.6	17.7	18.9	23.2	22.6	21.7	15.6	4.1	27.4	18.3
28	12.7	8.6	7.3	5.1	7.9	9.4	7.9	13.6	11.7	15.6	16.9	20.4	22.4	20.8	17.1	14.9	12.2	9.8	9.7	14.5	14.0	13.2	15.8	13.1	5.1	22.4	13.1
29	10.4	11.5	14.3	9.7	2.7	2.7	3.0	7.7	10.1	13.7	11.6	8.2	8.4	7.0	6.2	3.8	2.6	2.5	4.0	4.4	5.5	4.8	3.1	4.7	2.5	14.3	6.8
30	5.7	5.0	4.3	5.7	3.3	2.9	3.3	2.3	2.8	2.3	4.6	6.3	3.6	3.0	2.1	4.1	4.3	1.5	3.8	3.9	4.4	3.8	4.5	4.5	1.5	6.3	3.8
31	4.9	4.8	5.3	4.9	4.2	5.0	4.8	2.8	5.9	12.2	10.4	11.7	10.2	11.6	10.4	8.6	6.7	6.9	6.7	4.6	3.7	4.8	7.0	6.3	2.8	12.2	6.9
Min	2.3	2.6	3.4	3.0	2.1	1.8	1.8	1.3	0.9	1.2	3.4	3.3	3.5	3.0	2.1	3.8	2.6	1.5	3.4	2.5	2.6	2.8	2.8	2.4	0.9		
Max	27.6	30.3	27.2	24.7	24.5	24.7	26.4	23.5	24.1	27.3	26.8	26.3	27.4	27.4	28.0	27.8	27.8	27.8	27.0	23.8	26.2	26.1	24.7	23.7		30.3	
Avg	7.9	7.9	8.0	7.4	6.9	7.2	6.9	6.4	7.9	9.8	10.9	11.3	11.6	12.2	12.2	11.8	11.1	10.0	10.1	9.9	9.6	9.5	8.8	8.3			9.3

Total Data Records Possible: 744
Total Valid Data Records: 741
Percent Data Recovery: 99.6

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: October
 Year: 2009
 Time Zone: PST

Validation Level: B
 Printout Date: 12-16-2009
 Printout Time: 09:45:15
 Output File Name: DHSB1009.10

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	16	41	41	83	33	3	4	18	33	41	33	7	19	6	7	350	171	170	23	14	5	13	25	343	[NNE]
2	351	50	341	338	358	345	355	58	131	159	160	161	151	162	139	148	154	204	336	5	0	345	350	1	[N]
3	352	25	45	48	5	117	167	174	148	146	152	145	172	269	278	275	285	293	289	295	301	298	301	297	[WNW]
4	295	296	303	302	299	299	305	302	296	301	291	290	291	285	272	271	271	271	278	276	280	281	287	293	[WNW]
5	302	306	298	340	327	306	323	313	298	242	239	249	241	247	248	244	262	269	278	283	290	298	323	331	[WSW]
6	339	323	335	325	320	56	356	282	247	31	37	19	30	27	4	43	67	12	268	298	307	294	301	300	[NNE]
7	303	299	313	313	310	313	303	298	279	270	265	266	265	267	268	276	274	273	274	273	289	300	305	318	[W]
8	320	322	338	321	334	334	357	93	213	255	247	250	252	265	264	262	266	264	307	297	322	14	47	297	[W]
9	340	325	346	334	338	356	351	322	150	182	-960	-960	-960	143	131	153	175	163	219	267	259	301	332	356	[NNW]
10	341	332	337	344	332	338	326	85	128	112	149	142	164	141	128	137	145	201	273	291	293	295	314	323	[NNW]
11	336	322	327	327	340	4	19	83	268	250	253	251	249	251	242	254	259	265	284	322	285	304	332	74	[WSW]
12	16	70	19	109	357	360	7	297	268	268	268	265	266	264	263	265	274	279	279	280	283	302	307	302	[W]
13	292	278	267	239	266	297	285	301	264	266	264	263	266	282	291	289	305	296	298	291	290	290	285	274	[WNW]
14	271	270	278	265	233	38	114	165	217	251	214	265	278	264	265	263	265	268	324	330	309	328	332	345	[W]
15	58	341	324	23	330	347	342	143	132	134	161	195	191	189	162	171	160	71	17	344	330	348	332	353	[NNW]
16	324	306	296	290	305	320	291	299	151	81	52	46	48	37	42	36	41	29	19	359	8	298	276	307	[NE]
17	315	318	322	324	334	333	348	39	121	135	133	152	152	174	156	147	141	78	333	9	333	332	342	349	[NNW]
18	342	325	333	330	335	329	5	114	151	145	161	149	156	160	148	168	252	283	281	284	289	339	56	248	[SSE]
19	267	287	291	284	281	292	286	242	253	280	286	285	284	265	259	257	264	260	256	265	267	267	262	281	[W]
20	295	297	286	296	307	308	321	286	274	275	258	244	250	253	244	251	255	273	303	305	311	321	43	346	[WSW]
21	8	53	42	39	348	333	328	263	230	187	200	199	242	210	207	223	219	50	294	308	333	331	339	353	[NNW]
22	358	346	345	347	353	337	345	349	122	115	146	163	151	122	153	168	155	29	323	324	330	323	323	352	[NNW]
23	263	340	353	353	350	5	22	44	111	150	164	173	146	164	154	147	137	144	316	345	336	355	327	340	[N]
24	331	347	335	356	341	339	343	9	104	100	186	203	223	255	261	263	262	259	300	64	110	20	324	331	[NNW]
25	351	12	312	338	305	290	14	20	16	18	31	32	26	20	23	18	35	31	19	2	279	286	343	352	[NNE]
26	9	13	360	61	2	2	12	4	42	156	138	150	150	171	164	173	171	123	330	330	341	340	349	356	[N]
27	359	29	116	292	278	284	275	277	279	281	278	277	269	271	271	273	274	321	349	1	3	3	7	347	[W]
28	343	344	317	321	343	1	8	347	347	14	6	356	345	343	357	343	356	354	343	346	330	345	347	342	[NNW]
29	347	359	353	1	190	303	347	18	354	15	12	227	238	193	192	196	176	355	342	317	339	333	338	353	[N]
30	343	338	345	348	16	355	344	33	135	214	158	178	177	121	199	148	172	124	347	342	335	341	346	344	[NNW]
31	349	345	349	357	12	338	336	316	67	87	63	53	47	33	32	37	23	24	16	305	296	333	327	340	[NNE]

Prev [NNW] [NW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [WNW] [W] [W] [SSE] [W] [WSW] [W] [W] [W] [W] [W] [WNN] [WNN] [WNN] [NNW] [NNW] [NNW] [NNW]

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Channel: 10

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Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-16-2009
Printout Time: 09:45:15
Output File Name: DHSB1009.10t

											Hour Ending														Prev
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	
1	[NNE]	[NE]	[NE]	[E]	[NNE]	[N]	[N]	[NNE]	[NNE]	[NE]	[NNE]	[N]	[NNE]	[N]	[N]	[N]	[S]	[S]	[NNE]	[NNE]	[N]	[NNE]	[NNE]	[NNW]	[NNE]
2	[N]	[NE]	[NNW]	[NNW]	[N]	[NNW]	[N]	[ENE]	[SE]	[SSE]	[SSE]	[SSE]	[SSE]	[SSE]	[SE]	[SSE]	[SSE]	[SSW]	[NNW]	[N]	[N]	[NNW]	[N]	[N]	[N]
3	[N]	[NNE]	[NE]	[NE]	[N]	[ESE]	[SSE]	[S]	[SSE]	[SE]	[SSE]	[SE]	[S]	[W]	[W]	[W]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
4	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[WNW]	[WNW]
5	[WNW]	[NW]	[WNW]	[NNW]	[NNW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[W]	[W]	[W]	[WNW]	[WNW]	[WNW]	[NW]	[NNW]	[WSW]
6	[NNW]	[NW]	[NNW]	[NW]	[NW]	[NE]	[N]	[WNW]	[WSW]	[NNE]	[NE]	[NNE]	[NNE]	[NNE]	[N]	[NE]	[ENE]	[NNE]	[W]	[WNW]	[NW]	[WNW]	[NW]	[NNW]	[NNE]
7	[WNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[W]
8	[NW]	[NW]	[NNW]	[NW]	[NNW]	[NNW]	[N]	[E]	[SSW]	[WSW]	[WSW]	[WSW]	[WSW]	[W]	[W]	[W]	[W]	[W]	[NW]	[WNW]	[NW]	[NNE]	[NE]	[WNW]	[W]
9	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[N]	[NW]	[SSE]	[S]	-960	-960	-960	[SE]	[SE]	[SSE]	[S]	[SSE]	[SW]	[W]	[W]	[WNW]	[NNW]	[N]	[NNW]
10	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[E]	[SE]	[ESE]	[SSE]	[SE]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SSW]	[W]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NNW]
11	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[NNE]	[E]	[W]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[W]	[WNW]	[NW]	[WNW]	[NW]	[NNW]	[ENE]	[WSW]
12	[NNE]	[ENE]	[NNE]	[ESE]	[N]	[N]	[N]	[WNW]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[WNW]	[NW]	[WNW]	[W]
13	[WNW]	[W]	[W]	[WSW]	[W]	[WNW]	[WNW]	[WNW]	[W]	[W]	[W]	[W]	[W]	[WNW]	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[W]	[WNW]
14	[W]	[W]	[W]	[W]	[SW]	[NE]	[ESE]	[SSE]	[SW]	[WSW]	[SW]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[NW]	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[W]
15	[ENE]	[NNW]	[NW]	[NNE]	[NNW]	[NNW]	[NNW]	[SE]	[SE]	[SE]	[SSE]	[SSW]	[S]	[S]	[SSE]	[S]	[SSE]	[ENE]	[NNE]	[NNW]	[NNW]	[NNW]	[NNW]	[N]	[NNW]
16	[NW]	[NW]	[WNW]	[WNW]	[NW]	[NW]	[WNW]	[WNW]	[SSE]	[E]	[NE]	[NE]	[NE]	[NE]	[NE]	[NE]	[NE]	[NNE]	[NNE]	[N]	[N]	[WNW]	[W]	[NW]	[NE]
17	[NW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NE]	[ESE]	[SE]	[SE]	[SSE]	[SSE]	[S]	[SSE]	[SSE]	[SE]	[ENE]	[NNW]	[N]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]
18	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[NNW]	[N]	[ESE]	[SSE]	[SE]	[SSE]	[SSE]	[SSE]	[SSE]	[SSE]	[SSE]	[WSW]	[WNW]	[WNW]	[WNW]	[NNW]	[NE]	[WSW]	[SSE]	[SSE]
19	[W]	[WNW]	[WNW]	[WNW]	[W]	[WNW]	[WNW]	[WSW]	[WSW]	[W]	[WNW]	[WNW]	[WNW]	[W]	[W]	[WSW]	[W]	[W]	[WSW]	[W]	[W]	[W]	[W]	[W]	[W]
20	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[W]	[W]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[WSW]	[W]	[WNW]	[NW]	[NW]	[NW]	[NE]	[NNW]	[WSW]
21	[N]	[NE]	[NE]	[NE]	[NNW]	[NNW]	[NNW]	[W]	[SW]	[S]	[SSW]	[SSW]	[SSW]	[SSW]	[SSW]	[SW]	[SW]	[NE]	[WNW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[NNW]
22	[N]	[NNW]	[NNW]	[NNW]	[N]	[NNW]	[NNW]	[NNW]	[SE]	[ESE]	[SE]	[SSE]	[SSE]	[ESE]	[SSE]	[SSE]	[SSE]	[NNE]	[NW]	[NW]	[NNW]	[NW]	[NW]	[N]	[NNW]
23	[W]	[NNW]	[N]	[N]	[N]	[N]	[NNE]	[NE]	[ESE]	[SSE]	[SSE]	[S]	[SE]	[SSE]	[SSE]	[SSE]	[SE]	[SE]	[NW]	[NNW]	[NNW]	[N]	[NNW]	[NNW]	[N]
24	[NNW]	[NNW]	[NNW]	[N]	[NNW]	[NNW]	[NNW]	[N]	[ESE]	[E]	[S]	[SSW]	[SW]	[WSW]	[W]	[W]	[W]	[W]	[WNW]	[ENE]	[ESE]	[NNE]	[NW]	[NNW]	[NNW]
25	[N]	[NNE]	[NW]	[NNW]	[NW]	[WNW]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NNE]	[NE]	[NNE]	[NNE]	[N]	[W]	[WNW]	[NNW]	[N]	[NNE]
26	[N]	[NNE]	[N]	[ENE]	[N]	[N]	[NNE]	[N]	[NE]	[SSE]	[SE]	[SSE]	[SSE]	[S]	[SSE]	[S]	[S]	[ESE]	[NNW]	[NNW]	[NNW]	[NNW]	[N]	[N]	[N]
27	[N]	[NNE]	[ESE]	[WNW]	[W]	[WNW]	[W]	[W]	[W]	[WNW]	[W]	[W]	[W]	[W]	[W]	[W]	[W]	[NW]	[NNW]	[N]	[N]	[N]	[N]	[NNW]	[W]
28	[NNW]	[NNW]	[NW]	[NW]	[NNW]	[N]	[N]	[NNW]	[NNW]	[NNE]	[N]	[N]	[NNW]	[NNW]	[N]	[NNW]	[N]	[N]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]
29	[NNW]	[N]	[N]	[N]	[S]	[WNW]	[NNW]	[NNE]	[N]	[NNE]	[NNE]	[SW]	[WSW]	[SSW]	[SSW]	[SSW]	[S]	[N]	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[N]
30	[NNW]	[NNW]	[NNW]	[NNW]	[NNE]	[N]	[NNW]	[NNE]	[SE]	[SW]	[SSE]	[S]	[S]	[ESE]	[SSW]	[SSE]	[S]	[ESE]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]	[NNW]
31	[N]	[NNW]	[N]	[N]	[NNE]	[NNW]	[NNW]	[NW]	[ENE]	[E]	[ENE]	[NE]	[NE]	[NNE]	[NNE]	[NE]	[NNE]	[NNE]	[NNE]	[NW]	[WNW]	[NNW]	[NNW]	[NNW]	[NNE]

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

Total Data Records Possible: 744
Total Valid Data Records: 741
Percent Data Recovery: 99.6

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: October
 Year: 2009
 Time Zone: PST

Validation Level: B
 Printout Date: 12-16-2009
 Printout Time: 09:45:15
 Output File Name: DHSB1009.11

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	65.3	35.5	60.0	49.3	65.6	21.7	16.5	17.9	21.8	32.7	21.3	25.9	32.9	33.9	48.1	46.4	14.7	33.3	11.5	11.3	10.8	15.6	23.8	20.0	10.8	65.6	30.7
2	14.8	19.8	15.2	5.6	10.5	7.3	13.4	15.4	17.6	25.9	34.0	35.2	23.9	17.5	13.2	11.1	11.6	15.5	21.1	21.8	17.3	23.1	25.6	26.3	5.6	35.2	18.5
3	24.8	40.0	36.3	36.9	70.4	29.5	35.7	21.1	14.0	13.6	28.6	23.1	27.6	14.9	13.8	13.1	14.4	12.6	12.6	11.7	10.2	10.4	10.2	10.5	10.2	70.4	22.3
4	10.4	10.3	10.2	10.6	11.0	11.6	11.9	12.5	12.9	11.4	13.7	13.3	13.6	14.1	14.1	14.4	14.1	13.8	13.9	13.3	13.6	13.7	13.3	12.1	10.2	14.4	12.7
5	13.5	13.1	11.4	11.6	27.1	13.1	15.2	19.3	45.7	44.2	20.8	21.4	24.8	21.8	27.6	25.6	15.4	11.9	13.7	14.0	14.1	11.5	10.5	8.4	8.4	45.7	19.0
6	16.8	11.4	13.3	26.2	56.2	52.7	21.6	58.7	51.9	45.9	21.3	24.0	30.4	32.4	19.4	38.2	46.5	19.5	16.9	15.8	11.3	13.6	12.6	12.3	11.3	58.7	27.9
7	14.4	12.6	14.2	14.8	15.3	15.3	14.8	16.3	13.1	13.4	13.4	13.6	13.1	13.4	13.4	13.2	13.3	14.0	12.6	14.4	18.3	11.5	12.1	12.7	11.5	18.3	13.9
8	11.4	11.6	14.2	18.8	18.8	13.8	23.5	40.9	53.6	13.5	12.5	16.8	17.0	17.1	13.5	13.8	15.1	17.3	33.5	32.4	32.4	54.7	44.2	57.3	11.4	57.3	24.9
9	50.8	42.1	21.9	29.6	9.9	17.8	10.2	35.2	58.3	37.2	-960	-960	-960	29.4	39.1	31.8	25.0	25.7	29.6	15.4	14.0	16.7	14.5	20.6	9.9	58.3	27.4
10	23.9	5.8	7.6	26.1	5.3	5.3	29.7	33.4	34.5	53.4	34.4	65.7	31.7	26.3	22.2	13.5	10.3	26.7	41.2	14.8	13.2	19.1	16.9	23.0	5.3	65.7	24.3
11	31.1	20.4	13.7	23.1	26.9	16.9	18.2	26.6	29.9	11.8	13.4	12.8	12.4	14.3	14.0	12.5	13.4	13.2	20.6	21.5	13.4	10.1	23.0	32.6	10.1	32.6	18.6
12	30.5	22.8	28.7	42.6	30.1	10.1	28.2	21.3	13.3	13.3	13.4	13.4	13.5	13.5	13.7	13.4	14.1	14.0	13.9	14.7	14.2	12.2	11.2	10.6	10.1	42.6	17.8
13	13.5	20.2	44.4	22.7	19.0	17.1	21.7	32.2	15.5	14.8	14.5	15.9	14.4	13.8	13.8	13.3	11.9	12.7	10.9	12.0	12.4	12.1	13.4	13.4	10.9	44.4	16.9
14	13.8	13.2	13.8	15.6	48.1	41.1	27.5	46.9	34.6	24.9	40.5	15.0	14.2	14.5	14.3	14.8	14.9	14.1	19.4	16.2	28.7	10.6	10.1	23.3	10.1	48.1	22.1
15	40.1	37.5	18.8	33.8	16.0	7.9	20.2	27.3	19.6	24.6	36.4	48.1	29.7	39.4	31.0	32.0	14.0	18.3	13.4	8.1	44.5	28.7	31.0	44.4	7.9	48.1	27.7
16	12.9	12.9	16.3	18.9	54.0	31.5	45.3	46.4	71.7	48.5	33.5	21.7	23.9	20.4	18.6	15.9	17.6	13.8	12.5	11.8	13.0	41.7	24.8	12.9	11.8	71.7	26.7
17	14.1	12.1	9.3	9.0	12.2	7.3	12.2	19.5	13.9	21.0	22.0	50.9	46.7	24.7	24.1	16.8	10.6	37.8	14.6	34.1	21.3	7.7	10.4	11.2	7.3	50.9	19.3
18	11.6	20.8	11.8	22.9	12.1	10.4	35.4	29.8	21.1	16.5	15.3	22.7	19.4	16.1	14.9	51.1	25.0	13.2	13.1	12.4	13.9	28.6	60.6	43.9	10.4	60.6	22.6
19	51.3	14.0	12.9	12.3	12.0	12.6	16.4	18.1	22.6	13.0	12.6	13.6	13.1	13.2	13.0	12.0	12.4	12.2	12.3	14.0	13.0	13.0	13.1	14.2	12.0	51.3	15.3
20	12.8	13.8	13.3	12.6	14.3	13.0	13.0	15.2	13.8	15.0	14.6	20.2	61.3	21.6	26.3	25.4	14.6	14.0	17.6	19.5	14.4	12.7	53.9	54.1	12.6	61.3	21.1
21	60.7	69.5	59.3	18.0	15.9	13.2	18.7	45.0	34.3	24.7	49.4	65.2	54.1	31.7	45.1	29.8	25.5	36.0	18.3	24.8	18.5	9.3	15.9	35.1	9.3	69.5	34.1
22	22.2	17.9	8.2	19.3	21.3	11.9	19.0	44.6	27.4	23.1	26.2	25.4	25.5	27.5	30.5	15.0	11.1	28.8	9.0	5.4	8.4	9.0	14.0	13.9	5.4	44.6	19.4
23	35.5	23.8	13.1	8.4	17.1	23.6	24.8	28.3	25.4	15.6	20.7	42.0	39.2	42.5	32.1	17.3	12.1	11.7	25.8	16.0	20.5	14.3	7.8	9.7	7.8	42.5	22.0
24	19.1	10.6	11.4	16.7	16.3	12.9	12.8	21.7	24.5	61.3	35.6	29.0	26.2	13.8	14.9	15.0	14.3	14.9	27.5	64.6	12.4	38.9	13.4	12.4	10.6	64.6	22.5
25	18.0	29.9	12.3	12.0	14.0	42.5	19.0	17.7	15.6	16.9	16.3	17.2	16.6	18.6	18.7	16.7	14.3	11.6	9.9	12.8	40.8	17.3	19.0	10.7	9.9	42.5	18.3
26	13.2	14.8	23.2	20.2	36.1	10.4	17.9	13.7	25.5	48.8	31.9	26.2	36.4	21.6	21.0	16.1	11.3	28.8	5.5	7.8	13.4	23.8	18.2	34.4	5.5	48.8	21.7
27	27.7	60.2	37.2	46.0	13.2	12.9	14.5	14.4	13.5	13.4	13.6	14.2	13.9	13.3	13.6	14.0	13.1	14.0	14.0	15.2	14.2	13.1	12.8	11.4	11.4	60.2	18.5
28	10.8	14.1	12.2	23.2	11.6	12.3	14.8	15.6	21.4	17.8	17.8	16.2	12.7	12.7	17.9	17.3	15.6	14.9	14.6	11.0	11.3	17.0	12.2	11.1	10.8	23.2	14.8
29	13.0	15.4	13.7	23.0	68.2	64.1	50.6	49.0	21.8	17.9	32.3	31.3	33.2	28.7	22.4	36.8	27.6	47.3	13.1	26.6	14.2	36.5	26.4	11.4	11.4	68.2	30.2
30	9.8	15.8	22.5	18.3	62.8	44.7	27.9	58.4	21.7	45.7	31.9	27.0	44.1	58.0	64.9	18.7	11.8	23.1	9.0	5.7	7.4	6.9	18.9	18.6	5.7	64.9	28.1
31	9.6	9.7	10.7	13.9	34.8	11.0	17.5	46.7	40.0	16.9	23.7	21.6	24.2	22.0	18.1	22.0	20.9	17.5	13.6	20.9	20.1	19.2	14.7	16.3	9.6	46.7	20.2
Min	9.6	5.8	7.6	5.6	5.3	5.3	10.2	12.5	12.9	11.4	12.5	12.8	12.4	12.7	13.0	11.1	10.3	11.6	5.5	5.4	7.4	6.9	7.8	8.4	5.3		
Max	65.3	69.5	60.0	49.3	70.4	64.1	50.6	58.7	71.7	61.3	49.4	65.7	61.3	58.0	64.9	51.1	46.5	47.3	41.2	64.6	44.5	54.7	60.6	57.3		71.7	
Avg	23.1	21.7	19.7	21.4	27.3	19.8	21.5	29.3	27.4	25.7	23.8	26.3	26.3	22.7	22.8	20.9	16.3	19.4	16.6	17.4	16.9	18.5	19.6	20.9			21.9

Total Data Records Possible: 744
 Total Valid Data Records: 741
 Percent Data Recovery: 99.6

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: October
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-16-2009
Printout Time: 09:45:16
Output File Name: DHSB1009.17

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	16.1	18.9	18.3	18.0	24.3	19.6	23.2	20.2	17.5	15.8	18.0	17.1	13.9	15.8	11.3	12.1	12.4	6.8	10.0	9.2	13.7	14.5	8.2	6.6	6.6	24.3	15.1
2	4.8	5.1	5.2	5.7	4.4	8.6	12.8	5.5	4.5	7.7	9.4	10.9	15.6	17.5	18.1	18.6	15.3	12.0	8.0	5.8	4.8	7.1	6.8	5.4	4.4	18.6	9.1
3	7.0	7.9	8.3	7.9	9.2	6.9	7.4	7.3	16.4	16.0	14.8	19.3	26.9	36.7	35.1	33.3	32.4	34.8	35.1	39.1	43.8	40.5	38.9	36.2	6.9	43.8	23.4
4	43.5	47.6	45.5	41.1	38.5	39.5	47.2	38.4	40.3	44.1	44.9	44.3	51.4	44.7	47.3	44.7	42.7	41.5	37.8	37.8	34.6	37.3	35.2	27.1	27.1	51.4	41.5
5	28.1	29.2	28.9	22.0	11.4	22.6	15.5	15.3	13.3	11.1	16.7	19.7	16.8	15.1	12.9	12.6	16.7	18.3	19.2	19.8	16.9	14.2	8.2	9.5	8.2	29.2	17.3
6	8.6	9.1	12.4	9.1	6.0	5.8	6.4	6.9	7.2	17.6	19.9	18.9	18.6	16.7	20.2	22.9	18.1	17.0	20.7	20.0	18.3	18.9	15.9	21.0	5.8	22.9	14.8
7	21.0	24.4	20.5	20.2	27.9	22.8	16.6	24.7	24.9	29.7	33.2	32.8	32.2	31.4	33.5	33.3	33.5	33.7	32.3	27.6	22.1	22.2	21.4	18.3	16.6	33.7	26.7
8	17.8	16.9	12.6	9.9	7.7	7.1	10.4	5.5	18.4	19.3	20.0	20.3	21.9	29.1	30.3	34.6	30.5	26.8	15.0	10.8	9.1	9.5	8.1	8.8	5.5	34.6	16.7
9	8.0	8.0	9.3	7.9	9.3	4.8	7.0	2.6	4.1	8.6	-960	-960	-960	12.9	12.4	8.9	14.5	10.8	14.5	13.6	18.4	15.4	9.9	8.0	2.6	18.4	9.9
10	6.9	6.4	7.8	6.4	7.0	8.9	4.2	3.2	4.4	9.6	10.6	10.6	14.3	14.9	14.1	15.9	13.1	13.9	18.6	16.7	19.1	18.9	10.3	9.5	3.2	19.1	11.0
11	8.3	12.1	9.6	9.9	8.0	8.3	5.5	8.9	16.4	17.0	20.1	21.1	19.5	17.3	20.1	26.4	23.9	27.5	23.8	15.5	15.8	7.1	5.5	6.7	5.5	27.5	14.8
12	6.9	8.0	6.4	6.1	6.7	4.5	9.1	21.2	26.4	20.9	22.4	28.5	32.1	34.9	33.9	33.9	35.8	37.7	32.3	35.9	33.7	31.0	33.8	37.5	4.5	37.7	24.1
13	35.8	31.3	32.7	16.4	23.7	24.0	21.2	19.2	32.2	29.4	32.5	32.7	35.1	37.5	37.2	34.8	35.3	31.4	35.9	37.8	39.1	38.8	34.6	38.6	16.4	39.1	32.0
14	35.3	33.3	37.4	37.1	26.2	26.7	30.4	11.5	26.0	29.7	26.1	32.4	30.7	36.1	36.2	29.1	22.0	21.2	12.6	6.1	5.8	9.4	10.2	8.3	5.8	37.4	24.2
15	7.4	7.0	8.8	9.4	5.6	5.6	5.1	3.6	5.6	7.8	9.0	13.5	9.9	12.2	12.9	11.9	7.7	7.5	10.1	12.3	10.9	9.2	14.3	13.7	3.6	14.3	9.2
16	14.3	11.5	11.8	11.5	6.9	7.5	9.2	13.1	11.9	14.8	19.0	18.9	18.7	19.4	20.2	21.1	18.6	15.5	13.7	13.6	13.7	11.5	8.3	11.7	6.9	21.1	14.0
17	9.7	11.7	11.5	12.0	11.9	11.8	8.3	11.3	3.7	6.3	8.1	9.4	13.6	13.3	12.1	12.1	9.9	7.1	10.6	4.8	8.0	10.5	7.7	7.2	3.7	13.6	9.7
18	9.1	9.7	7.4	11.3	9.9	9.5	8.1	6.9	8.4	14.8	15.0	11.3	14.0	12.9	13.7	15.6	27.4	27.3	32.8	28.9	22.6	20.1	13.7	14.3	6.9	32.8	15.2
19	18.6	21.8	21.8	31.1	33.0	30.9	29.3	16.7	33.5	34.8	38.9	38.7	38.4	42.5	46.5	44.7	46.8	45.6	43.9	41.6	45.0	40.8	39.6	34.1	16.7	46.8	35.8
20	35.3	33.5	27.2	27.4	25.4	21.0	22.4	29.3	27.2	24.9	27.3	22.1	20.4	15.1	15.4	14.5	15.1	21.2	15.7	20.5	11.1	9.6	8.6	7.9	7.9	35.3	20.7
21	8.3	7.8	14.3	16.9	15.3	12.0	10.4	11.1	7.5	10.4	13.4	10.2	11.0	10.6	11.0	11.9	11.9	10.4	8.3	12.1	7.5	10.0	10.2	8.3	7.5	16.9	10.9
22	7.9	10.4	9.9	6.5	6.1	9.1	7.7	5.3	6.5	6.4	8.0	10.4	12.6	10.7	11.4	12.2	9.1	6.0	10.0	10.5	13.1	13.1	8.4	13.0	5.3	13.1	9.4
23	12.3	11.6	9.3	11.8	13.2	9.5	10.1	9.7	6.0	8.5	10.7	13.3	11.3	11.7	9.9	11.6	8.8	4.7	9.6	7.6	8.5	7.2	11.2	7.4	4.7	13.3	9.8
24	10.4	7.2	8.3	6.4	6.6	8.3	5.4	4.2	4.2	4.5	18.3	17.4	24.5	27.5	27.8	30.1	25.4	24.0	15.9	6.0	8.0	7.6	7.5	9.2	4.2	30.1	13.1
25	8.9	7.2	11.4	11.9	10.8	16.9	26.2	35.6	43.5	38.0	34.6	33.3	30.1	30.4	29.1	28.8	30.0	27.8	21.3	29.3	12.8	11.0	13.4	16.8	7.2	43.5	23.3
26	12.6	14.0	9.5	10.9	9.9	14.3	15.3	15.6	11.2	6.4	10.6	12.5	12.9	13.1	14.9	10.9	8.0	5.5	10.1	10.3	8.9	11.3	7.2	8.8	5.5	15.6	11.0
27	10.6	10.0	10.5	25.6	27.5	30.8	26.8	35.0	37.6	44.6	45.8	45.6	45.3	45.4	41.4	41.5	33.6	26.4	36.5	36.0	42.7	42.6	39.5	27.7	10.0	45.8	33.7
28	21.7	20.0	17.1	12.2	16.8	22.3	15.3	27.8	31.3	34.8	34.2	35.2	38.0	35.7	33.3	31.4	22.8	26.7	28.1	28.8	25.4	30.0	27.5	26.4	12.2	38.0	26.8
29	20.9	24.0	25.0	24.2	9.4	8.0	9.1	18.3	25.1	27.0	28.2	21.5	19.4	16.4	12.4	9.2	5.0	5.6	7.2	8.7	10.4	8.8	8.3	6.6	5.0	28.2	14.9
30	8.7	9.3	8.8	9.7	7.8	7.5	6.7	6.1	5.9	6.4	11.5	11.8	9.3	6.9	5.4	7.9	8.3	4.5	6.6	5.9	7.2	5.7	8.8	9.7	4.5	11.8	7.8
31	7.6	6.8	8.3	8.5	8.0	8.6	9.5	6.8	21.9	24.4	24.5	24.0	26.5	25.5	23.1	19.9	15.0	14.5	11.8	10.4	8.2	7.7	12.3	12.3	6.8	26.5	14.4
Min	4.8	5.1	5.2	5.7	4.4	4.5	4.2	2.6	3.7	4.5	8.0	9.4	9.3	6.9	5.4	7.9	5.0	4.5	6.6	4.8	5.7	5.5	5.4		2.6		
Max	43.5	47.6	45.5	41.1	38.5	39.5	47.2	38.4	43.5	44.6	45.8	45.6	51.4	45.4	47.3	44.7	46.8	45.6	43.9	41.6	45.0	42.6	39.6	38.6		51.4	
Avg	15.2	15.5	15.3	15.0	14.0	14.3	14.3	14.4	17.5	19.1	21.5	21.9	22.8	22.9	22.7	22.5	21.0	19.8	19.6	18.8	18.0	17.5	15.9	15.4			18.1

Total Data Records Possible: 744
Total Valid Data Records: 741
Percent Data Recovery: 99.6

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: Battery Voltage
Units: volts
Channel: 7

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

Validation Level: B
Printout Date: 12-16-2009
Printout Time: 09:45:14
Output File Name: DHSB1009.7

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	12.7	12.7	12.7	12.7	12.7	12.7	13.2	13.6	14.1	13.5	13.4	13.7	13.3	13.7	13.4	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.7	14.1	13.1
2	12.7	12.7	12.7	12.6	12.6	12.6	13.2	13.7	13.9	13.2	13.1	13.3	13.7	13.5	13.3	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.6	13.9	13.0
3	12.7	12.7	12.7	12.6	12.6	12.6	13.2	13.6	13.5	13.3	13.3	13.1	13.1	13.6	13.4	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.6	13.0
4	12.7	12.7	12.7	12.6	12.6	12.6	13.2	13.8	13.8	13.7	13.7	14.0	14.1	13.7	13.6	13.3	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.6	14.1	13.2
5	12.7	12.7	12.7	12.7	12.6	12.6	13.2	13.8	13.7	13.6	13.7	13.5	14.3	14.2	13.5	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	14.3	13.2
6	12.7	12.7	12.7	12.6	12.6	12.6	13.3	13.8	14.4	13.6	13.4	13.3	14.1	13.7	13.4	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	14.4	13.1
7	12.8	12.7	12.7	12.7	12.7	12.6	13.1	13.7	13.8	13.7	13.6	13.8	13.5	14.0	13.5	13.2	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.6	14.0	13.1
8	12.7	12.7	12.7	12.6	12.6	12.6	13.1	13.7	14.3	13.6	13.4	13.4	14.1	13.7	13.4	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	14.3	13.1
9	12.8	12.7	12.7	12.7	12.6	12.6	13.2	13.7	14.2	13.3	-960	-960	-960	13.4	13.3	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	14.2	13.0
10	12.7	12.7	12.6	12.6	12.6	12.6	13.3	13.9	13.7	13.3	13.2	13.2	13.5	13.6	13.4	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.6	13.9	13.0
11	12.7	12.6	12.6	12.6	12.6	12.6	13.3	14.1	13.6	13.5	13.5	13.4	13.4	14.1	13.5	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	14.1	13.1
12	12.7	12.7	12.6	12.6	12.6	12.5	12.6	13.3	13.3	13.3	13.5	13.6	13.6	13.6	13.5	13.4	13.2	13.1	13.0	12.9	12.8	12.8	12.7	12.6	12.5	13.6	13.0
13	12.6	12.6	12.6	12.6	12.6	12.6	13.3	13.9	14.0	13.7	13.8	14.3	13.9	13.9	14.2	13.5	13.3	13.3	13.1	13.0	12.9	12.9	12.8	12.8	12.6	14.3	13.3
14	12.8	12.7	12.7	12.7	12.6	12.6	13.3	13.8	13.6	13.5	13.5	13.4	13.9	14.1	13.5	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.6	14.1	13.1
15	12.8	12.8	12.7	12.7	12.6	12.6	13.3	13.8	13.5	13.9	13.1	13.3	13.8	13.6	13.4	13.1	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	13.9	13.1
16	12.8	12.8	12.7	12.7	12.7	12.7	13.3	13.7	13.3	13.4	13.1	13.0	12.9	13.3	13.3	13.1	12.9	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.7	13.7	12.9
17	12.6	12.6	12.6	12.6	12.6	12.6	13.2	13.6	13.9	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.9	12.8
18	12.6	12.6	12.5	12.5	12.5	12.5	13.1	13.6	13.8	14.0	13.4	13.1	13.1	13.4	13.3	13.1	12.9	12.9	12.8	12.8	12.8	12.8	12.7	12.7	12.5	14.0	13.0
19	12.7	12.6	12.6	12.6	12.6	12.6	13.2	13.6	13.4	13.4	14.0	13.3	13.3	13.7	13.4	13.2	13.0	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.6	14.0	13.1
20	12.8	12.7	12.7	12.7	12.7	12.6	13.2	13.9	13.7	13.6	13.6	13.4	13.3	13.9	13.4	13.2	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.6	13.9	13.1
21	12.7	12.7	12.6	12.6	12.6	12.6	13.3	13.9	13.5	13.3	13.2	13.3	13.8	13.1	13.3	13.1	13.0	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	13.9	13.0
22	12.6	12.6	12.6	12.6	12.5	12.5	13.2	13.8	13.5	13.9	13.1	13.1	13.0	13.3	13.2	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.6	12.5	13.9	13.0
23	12.6	12.6	12.6	12.5	12.5	12.5	13.0	13.7	14.1	13.2	13.1	13.0	13.7	13.5	13.3	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.5	14.1	13.0
24	12.7	12.7	12.7	12.6	12.6	12.6	13.2	13.8	13.4	13.8	13.3	13.1	13.8	13.6	13.3	13.1	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.8	13.0
25	12.7	12.7	12.7	12.7	12.6	12.6	13.2	13.7	13.4	13.4	13.3	13.2	13.3	13.7	13.4	13.2	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	13.7	13.0
26	12.7	12.7	12.7	12.7	12.6	12.6	13.2	13.9	13.5	14.0	13.7	13.1	13.4	13.5	13.3	13.1	13.0	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	14.0	13.0
27	12.7	12.6	12.6	12.6	12.6	12.6	12.8	13.3	13.7	14.0	14.0	14.0	13.6	14.0	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.8	12.7	12.7	12.6	14.0	13.1
28	12.6	12.6	12.5	12.5	12.5	12.5	13.1	14.1	14.8	13.8	14.6	13.9	13.7	14.0	13.8	13.4	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.7	12.5	14.8	13.3
29	12.6	12.6	12.6	12.5	12.5	12.4	12.8	14.1	14.5	13.8	13.6	13.6	13.8	13.9	13.6	13.4	13.3	13.1	13.0	12.9	12.8	12.8	12.7	12.6	12.4	14.5	13.1
30	12.6	12.6	12.5	12.5	12.5	12.4	12.7	13.1	14.0	14.2	14.0	13.4	14.0	13.8	13.4	13.2	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.4	14.2	13.1
31	12.7	12.7	12.7	12.6	12.6	12.6	13.3	14.0	13.8	13.6	13.4	13.3	13.9	13.8	13.4	13.2	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.6	14.0	13.1
Min	12.6	12.6	12.5	12.5	12.5	12.4	12.6	13.1	13.3	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.4		
Max	12.8	12.8	12.7	12.7	12.7	12.7	13.3	14.1	14.8	14.2	14.6	14.3	14.3	14.2	14.2	13.5	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.8		14.8	
Avg	12.7	12.7	12.6	12.6	12.6	12.6	13.1	13.7	13.8	13.6	13.5	13.4	13.6	13.7	13.4	13.2	13.1	13.0	12.9	12.9	12.8	12.8	12.7			13.1	

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