

White Water Wash Meteorological Data

January 2011

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 9

Site: White Water Wash (data subject to change)
Month: January
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 02-08-2011
Printout Time: 14:59:43
Output File Name: WWWB0111.9

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	3.5	4.4	5.8	6.5	7.2	6.3	6.3	7.0	3.5	1.5	4.5	5.8	5.6	3.8	3.7	2.8	2.2	3.2	1.7	1.3	4.9	6.5	5.1	6.7	1.3	7.2	4.6
2	7.8	6.4	5.3	6.9	6.2	5.9	5.8	7.3	3.3	1.3	1.3	2.2	1.9	2.1	3.5	1.7	2.5	6.2	9.6	5.2	4.7	3.7	3.1	4.9	1.3	9.6	4.5
3	4.0	5.0	4.3	4.0	4.3	4.4	3.9	3.2	4.9	4.4	6.0	2.5	2.6	5.2	7.4	7.4	4.2	4.6	6.5	6.1	6.3	6.3	6.2	6.5	2.5	7.4	5.0
4	7.0	7.0	7.3	5.2	5.1	5.6	7.4	4.1	2.9	1.9	1.9	2.2	4.2	2.9	3.1	4.4	4.8	3.4	4.8	4.5	5.7	5.6	7.3	7.0	1.9	7.4	4.8
5	4.8	5.1	4.6	6.5	4.6	5.7	7.4	6.0	3.8	1.8	1.7	2.6	3.4	3.9	5.2	4.7	2.5	3.7	6.2	7.5	6.0	5.9	4.7	6.9	1.7	7.5	4.8
6	5.3	5.4	5.5	6.7	6.8	6.8	4.6	4.4	2.9	2.2	2.4	3.1	3.0	4.8	5.9	4.8	3.2	3.6	5.1	4.6	5.5	6.2	6.1	6.7	2.2	6.8	4.8
7	7.0	6.1	7.0	5.4	8.3	2.8	6.9	6.0	5.8	3.7	5.4	5.2	4.0	4.1	11.3	10.6	15.5	15.7	16.3	18.5	20.9	22.4	22.3	24.5	2.8	24.5	10.6
8	23.5	23.0	24.9	23.9	23.3	22.7	23.5	22.7	17.4	17.2	16.6	16.8	15.4	13.1	19.4	19.6	21.5	21.4	21.7	22.4	24.6	25.3	29.0	24.9	13.1	29.0	21.4
9	24.5	25.9	27.0	25.9	25.1	26.3	22.7	20.0	21.7	22.5	26.6	25.3	24.6	25.1	24.6	20.3	21.0	20.7	17.2	16.1	11.8	4.5	6.9	8.9	4.5	27.0	20.6
10	9.8	24.8	25.5	21.8	18.3	16.5	11.9	9.6	6.3	7.8	7.4	7.5	7.4	5.2	7.0	8.5	9.1	5.4	5.0	6.0	7.7	6.5	5.0	5.4	5.0	25.5	10.2
11	4.7	3.7	4.0	3.5	5.7	6.7	7.1	5.7	4.4	1.0	1.4	1.6	3.3	2.9	4.2	3.2	3.6	1.7	4.8	4.4	4.3	3.9	5.7	6.1	1.0	7.1	4.1
12	7.3	6.8	6.5	6.7	6.1	7.0	7.3	6.3	5.6	2.9	2.2	2.5	2.7	2.5	2.7	4.1	4.3	3.4	5.8	5.8	8.2	7.0	7.2	7.0	2.2	8.2	5.3
13	6.8	6.0	7.9	6.8	7.4	6.3	7.7	7.1	3.8	1.1	2.2	4.1	4.6	5.7	4.4	3.9	3.3	3.2	6.7	7.8	7.2	7.2	7.1	7.4	1.1	7.9	5.7
14	6.0	6.3	8.4	9.3	6.9	5.0	6.7	3.8	4.7	6.1	6.9	7.6	3.9	11.9	8.4	7.5	11.6	9.8	8.4	11.6	5.9	4.3	6.1	3.5	3.5	11.9	7.1
15	3.5	2.9	8.4	7.5	5.3	7.6	7.2	6.5	3.2	4.7	5.1	6.7	6.8	6.8	6.4	5.1	5.7	5.7	2.6	6.5	7.7	6.8	7.1	7.2	2.6	8.4	6.0
16	7.8	6.9	8.5	7.3	9.1	8.1	7.1	7.0	7.4	3.7	4.3	5.7	4.4	5.6	4.5	4.9	3.0	3.0	6.1	7.1	7.6	4.2	5.6	4.6	3.0	9.1	6.0
17	6.6	6.9	8.3	9.0	8.6	8.8	8.5	8.7	6.6	5.6	6.3	3.3	6.1	5.5	5.1	3.9	2.5	3.7	2.1	3.6	6.3	6.9	8.4	7.2	2.1	9.0	6.2
18	9.2	8.5	8.1	6.4	9.4	9.8	6.8	5.2	4.4	2.8	7.5	5.7	4.8	5.2	5.6	4.3	2.6	7.0	7.8	7.9	7.4	7.2	7.5	7.8	2.6	9.8	6.6
19	7.9	6.9	8.3	8.3	8.3	6.3	6.1	2.6	3.0	5.3	7.6	8.9	8.4	6.2	6.9	4.6	6.2	9.7	9.3	9.1	8.0	8.6	11.9	10.6	2.6	11.9	7.4
20	9.7	11.5	9.1	3.8	2.7	7.7	4.0	9.2	5.5	7.7	8.1	9.8	7.7	7.7	8.7	8.2	6.2	6.5	4.1	3.7	5.6	6.0	7.1	6.4	2.7	11.5	6.9
21	7.0	6.3	7.6	7.9	8.6	7.6	7.3	6.5	4.2	1.1	2.7	3.7	4.3	4.4	3.8	4.4	5.1	2.8	6.0	6.3	7.1	7.1	7.4	8.5	1.1	8.6	5.7
22	8.1	8.3	8.1	7.1	7.4	7.6	8.9	8.3	4.0	2.9	3.9	3.9	3.1	2.4	2.3	2.1	2.2	4.9	4.7	2.8	5.2	6.2	6.7	7.5	2.1	8.9	5.4
23	8.4	13.1	15.4	9.8	8.8	7.4	5.5	8.4	5.1	6.2	3.5	5.4	5.8	4.3	3.0	4.7	4.6	2.8	5.1	6.5	7.4	9.2	9.6	6.8	2.8	15.4	6.9
24	8.4	9.4	7.5	7.2	6.8	7.0	8.1	7.7	3.8	1.6	2.2	3.8	6.3	4.8	2.9	5.4	5.0	3.1	5.7	6.9	7.4	7.4	6.8	6.1	1.6	9.4	5.9
25	8.0	7.1	7.3	7.3	7.5	7.8	7.1	7.1	4.8	1.3	2.0	6.8	7.5	6.1	7.2	5.7	4.2	3.8	5.8	8.8	7.7	7.1	9.0	8.5	1.3	9.0	6.5
26	9.9	10.6	7.2	6.9	7.5	7.1	6.0	7.1	8.6	13.7	14.4	15.1	12.9	10.7	12.1	12.8	7.5	5.5	7.1	6.2	5.7	4.7	7.2	7.2	4.7	15.1	8.9
27	7.9	7.7	7.5	6.2	5.0	6.6	5.4	5.8	4.7	3.8	1.8	3.6	4.5	5.2	3.9	4.9	5.6	4.2	4.4	7.1	7.4	6.9	9.4	8.1	1.8	9.4	5.7
28	9.0	9.4	6.9	9.2	8.1	8.1	9.1	7.7	5.9	2.3	2.1	1.9	3.6	5.6	5.1	4.7	4.5	3.8	6.2	8.0	7.3	7.9	9.4	9.1	1.9	9.4	6.5
29	10.0	9.9	9.3	8.7	6.4	8.9	8.7	7.8	3.0	4.3	6.6	8.1	9.7	9.1	8.9	8.0	6.6	6.3	4.5	3.7	4.2	8.5	15.0	17.6	3.0	17.6	8.1
30	15.5	16.7	19.6	19.6	21.8	22.8	26.9	22.9	14.8	6.5	6.9	13.4	14.6	30.3	26.0	17.5	15.7	18.1	17.5	20.5	22.2	22.7	18.3	16.2	6.5	30.3	18.6
31	14.1	10.7	17.8	20.8	21.5	22.4	22.2	21.5	23.8	20.7	15.9	12.6	13.8	15.9	16.7	19.8	17.7	16.7	17.3	17.3	16.5	17.4	14.9	15.6	10.7	23.8	17.7
Min	3.5	2.9	4.0	3.5	2.7	2.8	3.9	2.6	2.9	1.0	1.3	1.6	1.9	2.1	2.3	1.7	2.2	1.7	1.7	1.3	4.2	3.7	3.1	3.5	1.0		
Max	24.5	25.9	27.0	25.9	25.1	26.3	26.9	22.9	23.8	22.5	26.6	25.3	24.6	30.3	26.0	20.3	21.5	21.4	21.7	22.4	24.6	25.3	29.0	24.9		30.3	
Avg	8.8	9.3	10.0	9.4	9.3	9.3	9.2	8.5	6.6	5.5	6.0	6.7	6.8	7.4	7.7	7.2	6.9	6.9	7.6	8.2	8.5	8.4	9.1	9.1			8.0

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: Unit Vector Wind Direction
Units: degrees
Channel: 10

Site: White Water Wash (data subject to change)
Month: January
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 02-08-2011
Printout Time: 14:59:44
Output File Name: WWB0111.10

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	20	341	341	326	337	339	312	330	324	48	119	122	102	128	112	97	98	102	42	340	336	1	344	342	[NNW]
2	332	324	324	342	329	344	329	343	346	316	184	136	186	140	153	273	336	301	314	248	299	308	324	303	[NNW]
3	324	319	341	344	290	341	340	307	335	265	296	227	238	239	255	273	246	265	319	337	327	333	348	343	[NNW]
4	347	351	347	344	355	340	352	328	317	309	195	183	170	158	133	131	114	79	340	337	319	349	346	343	[NNW]
5	324	343	346	355	353	349	347	1	338	313	197	173	120	160	134	128	171	341	324	332	345	337	337	345	[NNW]
6	321	321	331	343	351	341	341	351	330	306	204	134	143	172	130	122	136	360	346	346	328	329	333	343	[NNW]
7	329	343	355	336	332	25	318	345	320	253	201	170	134	144	287	290	292	295	295	301	301	303	304	306	[WNW]
8	306	306	303	308	307	305	305	301	295	304	302	305	305	308	302	304	301	300	301	300	297	298	300	302	[WNW]
9	301	303	300	303	302	302	298	293	295	296	298	300	300	300	302	308	305	306	306	308	284	250	287	276	[WNW]
10	277	301	295	301	305	306	303	308	300	337	19	16	12	6	14	43	44	313	307	303	307	326	327	336	[NW]
11	342	335	330	345	314	340	339	328	337	14	113	236	122	110	173	154	110	46	319	344	343	339	355	356	[NNW]
12	339	329	326	330	331	328	341	4	6	98	105	119	208	179	140	150	127	78	332	341	344	337	346	350	[NNW]
13	346	351	342	350	346	347	352	333	330	253	145	141	141	128	143	147	141	38	345	349	338	339	332	351	[NNW]
14	342	331	342	351	339	315	321	360	330	9	9	60	86	8	7	359	43	88	83	47	249	84	79	225	[N]
15	202	184	3	311	323	327	352	31	347	103	115	160	165	165	164	137	128	139	58	11	3	354	336	354	[N]
16	334	339	350	343	342	342	324	336	344	336	122	127	160	171	158	147	145	358	352	350	322	6	358	338	[NNW]
17	329	347	342	337	334	344	337	336	337	345	321	256	134	149	135	118	29	318	337	336	344	336	345	360	[NNW]
18	335	357	327	335	337	358	335	305	333	116	135	142	139	136	124	136	136	329	333	338	336	332	342	329	[NNW]
19	343	337	344	357	6	330	8	315	268	135	131	134	150	163	149	115	313	347	313	314	316	328	332	339	[NNW]
20	331	313	327	329	136	3	167	28	334	319	333	360	360	46	22	41	42	10	317	339	311	305	334	337	[NNW]
21	347	329	343	346	334	336	351	350	317	169	132	151	159	137	117	143	124	155	8	347	349	325	335	346	[NNW]
22	344	345	335	344	351	324	346	354	350	117	136	130	157	181	132	155	161	27	321	275	322	339	332	329	[NNW]
23	322	355	22	3	6	6	344	4	292	305	350	301	286	271	179	206	192	301	334	330	328	355	348	340	[N]
24	0	344	333	326	329	342	346	339	338	329	216	142	131	151	149	133	130	67	338	332	337	339	336	327	[NNW]
25	334	335	331	354	323	336	346	344	342	271	169	129	143	142	141	125	132	307	335	339	335	325	340	331	[NNW]
26	329	350	329	339	307	333	332	3	350	357	3	2	10	13	10	21	346	300	297	304	322	325	319	313	[N]
27	348	318	325	321	326	314	308	335	315	291	307	168	245	215	193	239	251	299	299	328	352	350	354	349	[NW]
28	354	343	323	350	326	345	340	338	331	298	225	131	149	142	142	132	131	171	345	355	332	347	354	1	[NNW]
29	6	350	352	356	343	3	355	358	342	163	132	130	128	126	128	136	119	128	151	246	327	305	300	295	[N]
30	292	292	301	298	299	297	294	288	274	176	243	253	286	317	310	306	312	314	316	300	303	300	306	305	[WNW]
31	306	306	305	307	304	310	303	302	305	307	305	296	300	306	303	305	302	307	306	306	308	312	316	307	[NW]

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NW] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [NW] [NW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW]

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 Channel: 10

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 Month: January
 Year: 2011
 Time Zone: PST

Validation Level: B
 Printout Date: 02-08-2011
 Printout Time: 14:59:44
 Output File Name: WWB0111.10t

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

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NW] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [NW] [NW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW]

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: White Water Wash (data subject to change)
Month: January
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 02-08-2011
Printout Time: 14:59:44
Output File Name: WWWB0111.11

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	36.4	16.1	8.5	8.2	5.6	4.9	5.4	4.7	6.4	22.5	19.6	21.3	23.6	38.4	26.2	24.4	9.4	4.3	31.9	23.4	10.7	4.7	7.7	10.1	4.3	38.4	15.6
2	3.9	4.3	3.9	5.7	4.3	8.4	10.2	8.8	8.2	14.0	36.8	38.6	46.1	40.7	17.0	21.8	15.2	9.7	14.0	14.0	11.4	14.2	13.3	11.1	3.9	46.1	15.7
3	9.6	9.5	11.3	16.2	12.6	14.0	10.1	16.0	10.6	25.7	14.6	50.6	33.5	25.1	15.7	7.5	11.0	7.0	6.7	7.8	10.7	6.9	10.8	8.6	6.7	50.6	14.7
4	8.7	10.3	11.0	13.6	19.2	7.8	8.0	20.8	21.2	34.9	33.3	40.7	18.3	33.0	28.4	18.5	6.1	27.4	8.7	13.2	8.6	7.1	8.4	8.1	6.1	40.7	17.3
5	7.9	9.2	7.4	5.4	7.5	7.0	11.3	7.6	8.1	13.7	27.2	42.0	30.1	24.2	18.8	11.1	8.4	15.9	10.6	10.3	7.8	10.6	8.3	6.8	5.4	42.0	13.2
6	10.6	8.6	12.1	8.0	10.4	6.7	21.4	11.2	14.3	15.0	18.5	22.9	27.8	24.0	14.3	11.3	7.8	22.5	7.4	8.8	6.6	13.1	15.0	11.2	6.6	27.8	13.7
7	21.1	21.5	17.6	17.3	19.0	42.4	18.7	12.9	13.9	15.6	11.8	13.2	23.0	36.8	13.7	13.0	8.5	8.3	8.7	9.5	8.2	7.7	7.5	8.5	7.5	42.4	15.8
8	8.2	8.0	8.9	8.0	7.6	8.4	8.0	7.9	9.3	8.6	9.6	8.6	9.2	10.7	8.5	9.0	8.0	8.5	7.9	7.5	8.5	8.7	8.6	9.5	7.5	10.7	8.6
9	8.2	8.0	7.8	8.1	10.2	8.3	8.7	10.1	9.3	8.4	7.9	7.8	8.6	9.2	8.5	14.2	12.5	9.2	11.6	12.7	18.7	37.8	36.5	24.3	7.8	37.8	12.8
10	29.7	8.4	8.7	7.8	7.4	8.1	8.8	7.4	11.5	11.1	14.6	21.8	28.0	45.4	25.6	11.9	6.5	27.4	15.1	10.3	7.3	13.5	11.9	7.0	6.5	45.4	14.8
11	6.1	8.0	12.4	6.7	5.8	4.6	6.6	11.0	14.2	18.6	31.0	50.3	20.2	27.1	14.6	11.6	6.9	12.5	6.8	7.5	9.6	8.6	8.0	18.1	4.6	50.3	13.6
12	8.2	13.1	13.3	10.3	11.2	5.9	7.0	12.7	7.1	21.3	26.0	44.0	39.5	36.5	29.6	19.7	8.7	28.2	8.4	10.9	6.6	11.5	14.4	10.0	5.9	44.0	16.8
13	6.9	9.0	11.1	6.1	8.9	5.8	5.5	4.8	6.8	25.8	20.0	20.5	20.1	16.3	22.2	14.8	8.7	23.9	10.4	9.9	9.0	7.1	13.1	8.5	4.8	25.8	12.3
14	18.8	11.6	10.6	13.6	35.3	35.0	16.3	30.8	31.6	53.2	32.2	18.2	67.2	20.3	16.8	23.1	13.5	9.1	15.4	9.9	40.8	40.4	18.5	48.0	9.1	67.2	26.3
15	49.0	55.3	32.2	19.0	33.9	14.1	15.8	19.8	52.2	24.0	16.6	15.2	14.8	14.0	11.3	11.5	8.0	14.1	51.3	9.9	12.8	10.6	17.3	13.1	8.0	55.3	22.3
16	15.5	14.4	9.8	8.2	7.8	9.4	11.9	10.2	7.8	14.0	26.4	16.6	16.5	13.6	12.5	11.0	20.6	27.0	7.8	10.6	8.3	49.8	44.0	42.7	7.8	49.8	17.3
17	22.8	20.6	16.8	11.7	18.4	13.6	11.0	13.9	19.3	16.8	11.8	26.7	15.6	14.9	12.7	10.7	26.5	15.3	34.2	36.8	14.5	12.7	6.7	6.3	6.3	36.8	17.1
18	10.8	10.1	11.7	14.5	7.8	6.1	15.9	15.3	8.7	29.8	11.1	13.1	14.7	21.6	13.4	14.6	38.5	4.7	7.4	7.2	7.7	6.6	8.2	7.2	4.7	38.5	12.8
19	6.3	12.4	5.2	8.6	7.6	21.6	16.7	52.0	28.5	18.5	12.8	12.2	15.2	62.6	16.0	42.4	17.3	13.9	7.1	19.5	12.4	14.2	14.0	13.7	5.2	62.6	18.8
20	19.4	14.4	15.0	69.4	51.1	12.0	77.7	30.8	47.7	27.5	18.8	16.9	19.4	17.9	15.9	17.5	10.4	16.0	19.8	11.8	19.1	14.8	9.1	16.7	9.1	77.7	24.5
21	12.4	10.3	16.2	15.5	8.6	9.9	7.6	11.3	15.9	31.8	18.6	21.1	18.1	16.8	14.3	12.6	6.1	23.6	11.1	6.4	6.1	8.2	5.3	6.4	5.3	31.8	13.1
22	5.4	5.8	7.0	15.6	7.9	6.7	5.6	7.8	14.0	19.7	16.3	20.6	27.6	35.3	26.6	28.7	21.4	55.3	47.4	75.1	37.6	14.8	21.7	13.7	5.4	75.1	22.4
23	14.7	10.9	13.4	11.5	12.1	10.4	17.9	8.2	17.5	18.6	37.0	27.9	34.0	23.9	57.9	19.0	62.0	19.8	40.2	22.0	14.3	9.0	9.9	19.4	8.2	62.0	22.2
24	6.5	9.9	13.0	5.5	10.0	16.7	8.8	10.5	18.3	46.6	35.4	23.0	20.0	18.6	20.7	12.8	7.5	20.1	23.9	9.8	8.5	16.3	17.1	15.8	5.5	46.6	16.5
25	17.3	16.3	13.0	10.2	12.0	8.1	7.1	11.6	9.0	22.0	11.7	11.2	14.6	16.4	14.4	12.9	8.1	36.2	22.1	7.5	9.5	11.4	11.1	7.9	7.1	36.2	13.4
26	5.6	8.3	14.2	10.2	9.4	13.8	30.1	9.1	32.3	12.4	12.2	13.7	15.6	18.8	14.2	13.0	15.8	33.7	36.0	17.8	18.3	41.8	14.9	10.9	5.6	41.8	17.6
27	10.1	34.9	18.7	35.5	24.0	16.6	14.1	13.7	10.8	20.6	65.9	42.5	32.9	28.7	33.5	18.2	9.6	42.5	24.2	16.7	10.2	8.9	23.6	12.8	8.9	65.9	23.7
28	13.1	10.5	13.2	10.7	7.6	5.5	4.6	5.1	7.8	10.8	30.0	46.5	26.2	18.8	21.9	17.2	7.3	12.9	13.2	8.5	6.6	9.2	8.3	6.0	4.6	46.5	13.4
29	3.9	7.5	7.8	8.8	20.8	8.9	10.4	7.9	17.4	22.1	11.3	12.0	11.9	12.9	12.8	10.6	9.8	8.0	32.8	14.0	26.5	21.6	13.5	18.3	3.9	32.8	13.8
30	12.3	8.8	8.6	7.8	7.9	8.1	8.8	9.4	25.3	20.3	34.6	30.2	37.3	8.7	9.8	12.5	15.0	12.1	11.2	12.5	12.0	8.3	10.7	9.8	7.8	37.3	14.2
31	12.0	17.8	9.4	8.0	7.2	8.1	8.3	8.3	8.8	9.4	9.5	10.6	12.0	12.1	13.4	9.7	8.1	7.4	8.3	8.2	8.3	8.8	8.8	8.9	7.2	17.8	9.6
Min	3.9	4.3	3.9	5.4	4.3	4.6	4.6	4.7	6.4	8.4	7.9	7.8	8.6	8.7	8.5	7.5	6.1	4.3	6.7	6.4	6.1	4.7	5.3	6.0	3.9		
Max	49.0	55.3	32.2	69.4	51.1	42.4	77.7	52.0	52.2	53.2	65.9	50.6	67.2	62.6	57.9	42.4	62.0	55.3	51.3	75.1	40.8	49.8	44.0	48.0		77.7	
Avg	13.6	13.4	11.9	13.1	13.5	11.5	13.5	13.3	16.6	21.1	22.0	24.5	23.9	24.0	18.7	15.7	13.7	18.6	18.1	14.5	12.8	14.8	13.7	13.5			16.3

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: White Water Wash (data subject to change)
Month: January
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 02-08-2011
Printout Time: 14:59:47
Output File Name: WWWB0111.17

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	6.1	8.7	7.4	8.0	8.7	7.7	8.6	9.6	8.7	5.5	8.8	10.4	11.2	8.2	8.5	5.3	3.8	4.7	4.7	4.2	8.0	8.7	7.4	9.4	3.8	11.2	7.6
2	9.5	9.4	7.4	8.8	8.3	9.2	8.6	9.7	6.9	3.4	5.3	5.6	5.8	5.3	6.6	4.5	5.0	13.4	18.8	8.9	7.3	5.8	5.6	8.4	3.4	18.8	7.8
3	10.1	7.2	6.3	7.7	7.9	6.8	5.7	4.8	8.4	9.7	10.4	5.0	6.0	11.8	13.2	11.5	7.4	8.1	9.7	9.3	9.1	9.4	7.8	9.4	4.8	13.2	8.4
4	10.4	9.9	9.2	8.6	7.9	7.8	10.2	8.4	7.1	3.8	6.4	6.0	7.2	7.2	6.4	7.8	8.2	7.7	7.7	6.2	7.4	8.1	9.4	8.8	3.8	10.4	7.8
5	7.3	8.1	6.1	9.5	6.8	10.8	10.2	8.3	5.3	5.3	4.5	5.9	8.6	8.1	9.2	9.3	3.6	7.2	8.1	8.8	8.9	9.9	7.8	8.3	3.6	10.8	7.7
6	7.5	7.4	7.3	10.1	8.8	8.9	7.6	7.4	6.4	4.2	6.0	6.9	6.0	8.3	10.4	9.1	5.3	5.3	6.6	6.7	6.8	7.9	8.0	8.7	4.2	10.4	7.4
7	8.7	8.8	11.0	10.4	13.1	9.4	11.0	10.5	9.7	7.2	8.6	8.2	7.4	15.6	21.3	18.4	25.4	24.0	25.9	30.0	32.8	35.4	33.6	40.5	7.2	40.5	17.8
8	36.6	34.5	37.8	37.0	36.5	35.1	36.5	35.2	28.3	26.7	25.9	24.5	22.7	26.5	33.7	29.7	30.7	32.2	31.6	32.5	37.8	41.2	43.4	42.1	22.7	43.4	33.3
9	44.0	40.8	40.4	41.3	41.2	42.2	36.5	32.1	33.7	34.7	37.0	35.4	37.3	38.0	41.1	35.7	37.8	32.8	29.6	29.8	31.0	16.1	15.6	23.2	15.6	44.0	34.5
10	26.2	40.8	44.7	32.7	27.9	25.1	21.7	14.3	11.1	13.7	13.3	14.5	16.7	14.0	15.1	14.1	14.9	11.0	8.9	8.6	9.4	9.6	7.0	7.4	7.0	44.7	17.6
11	6.6	6.1	5.6	4.9	7.0	8.6	8.6	7.4	6.6	3.9	4.0	3.9	6.6	7.9	8.0	5.1	5.6	3.5	7.4	7.5	6.3	6.2	8.6	9.9	3.5	9.9	6.5
12	9.4	9.1	9.6	10.3	9.5	9.6	9.5	8.8	9.0	5.9	5.6	6.3	6.9	6.1	6.2	6.8	7.4	6.9	7.4	8.5	11.1	11.1	11.2	8.9	5.6	11.2	8.4
13	10.0	8.9	10.2	9.6	11.5	8.6	10.2	9.4	6.7	3.4	4.9	7.9	8.8	9.6	7.7	7.1	5.3	7.4	8.3	10.8	9.0	10.4	11.8	9.6	3.4	11.8	8.6
14	9.2	11.5	12.6	13.4	12.6	10.8	15.3	14.0	10.9	19.3	14.3	16.5	13.4	24.8	17.4	17.0	20.0	15.6	15.4	21.1	14.8	10.2	13.2	8.7	8.7	24.8	14.7
15	6.9	6.2	23.7	18.4	17.0	12.6	11.6	12.6	8.6	10.0	8.8	11.2	13.5	11.4	10.2	8.3	9.3	9.9	6.8	10.2	12.1	11.5	10.2	12.6	6.2	23.7	11.4
16	14.0	11.6	12.1	10.4	12.8	11.8	8.9	10.0	11.0	7.6	10.2	10.4	9.1	8.6	7.7	7.2	5.7	8.1	9.4	11.1	12.1	13.0	14.6	11.3	5.7	14.6	10.4
17	11.6	15.2	15.3	15.0	15.3	16.5	11.7	14.4	10.2	9.9	9.5	8.6	10.7	8.5	7.9	7.3	5.0	8.5	5.4	8.1	9.4	10.7	10.8	10.0	5.0	16.5	10.6
18	13.1	12.7	11.1	10.7	11.6	13.3	11.6	9.4	6.3	10.8	11.8	10.0	8.3	10.2	10.0	6.9	6.5	8.7	11.7	11.5	9.6	9.4	10.4	10.4	6.3	13.3	10.3
19	10.4	11.0	13.7	12.9	11.5	17.2	10.1	8.1	9.7	9.9	12.6	14.8	16.4	16.4	13.0	9.0	17.9	18.6	14.2	19.8	14.3	17.8	22.1	19.1	8.1	22.1	14.2
20	19.2	21.3	15.6	13.6	8.9	20.7	14.6	19.5	13.2	16.9	16.4	17.3	14.7	14.5	17.4	15.1	12.2	9.6	7.7	8.8	9.9	9.7	9.9	9.3	7.7	21.3	14.0
21	10.9	11.3	13.5	10.3	13.1	11.0	10.7	10.4	9.3	3.9	6.2	7.9	7.9	8.3	7.2	6.9	7.6	5.5	8.7	8.5	9.7	8.5	9.4	11.8	3.9	13.5	9.1
22	10.8	10.1	11.6	9.9	10.5	10.1	11.8	11.3	8.6	6.5	7.1	7.2	6.4	7.4	6.9	5.1	4.3	13.4	9.4	8.0	10.2	11.8	12.7	13.7	4.3	13.7	9.4
23	17.4	34.2	32.7	20.8	14.6	15.3	8.6	12.9	8.7	14.9	13.7	13.5	15.1	9.0	9.1	7.5	11.3	5.8	10.1	10.3	9.7	12.4	12.1	11.8	5.8	34.2	13.8
24	11.5	12.7	11.9	9.9	10.2	9.4	11.8	10.4	8.0	4.5	5.3	9.3	11.3	8.3	6.8	9.9	9.3	7.2	8.3	9.6	10.7	11.1	9.4	9.5	4.5	12.7	9.4
25	12.4	11.0	10.8	11.3	11.4	11.7	10.2	10.4	9.1	4.1	4.5	10.4	11.5	11.0	12.1	9.4	7.8	6.6	11.1	12.7	12.1	10.1	12.0	10.7	4.1	12.7	10.2
26	13.4	14.3	13.1	11.1	10.9	11.1	10.7	10.8	20.4	22.4	25.4	25.0	24.2	22.4	23.2	21.7	15.0	15.9	18.9	11.6	12.6	12.1	13.8	10.4	10.4	25.4	16.3
27	11.4	15.1	12.9	11.8	11.0	10.7	9.7	8.9	7.9	7.5	6.2	10.4	9.9	10.3	8.0	8.2	8.1	6.6	7.8	11.4	10.6	12.9	14.5	13.2	6.2	15.1	10.2
28	14.0	13.4	10.0	12.0	11.3	10.0	11.0	10.6	8.4	5.3	5.3	5.4	8.1	11.0	8.6	8.2	7.6	8.6	10.2	11.5	10.6	11.7	13.1	11.0	5.3	14.0	9.9
29	12.5	15.3	13.9	13.0	10.4	12.4	12.6	10.7	6.4	8.6	10.4	11.9	14.5	13.4	14.9	12.9	10.4	11.6	8.6	8.6	8.8	19.4	29.1	32.0	6.4	32.0	13.4
30	32.1	29.5	31.3	33.7	35.1	38.0	45.4	38.3	30.3	15.4	24.8	42.7	44.2	47.9	42.2	33.6	36.6	32.6	33.3	39.6	35.4	33.0	31.4	28.6	15.4	47.9	34.8
31	26.6	23.8	30.6	31.0	31.0	36.2	33.5	33.7	35.7	31.6	23.4	20.4	22.5	25.7	28.3	29.1	28.9	26.7	28.1	29.1	27.2	26.5	23.8	23.9	20.4	36.2	28.2
Min	6.1	6.1	5.6	4.9	6.8	6.8	5.7	4.8	5.3	3.4	4.0	3.9	5.8	5.3	6.2	4.5	3.6	3.5	4.7	4.2	6.3	5.8	5.6	7.4	3.4		
Max	44.0	40.8	44.7	41.3	41.2	42.2	45.4	38.3	35.7	34.7	37.0	42.7	44.2	47.9	42.2	35.7	37.8	32.8	33.3	39.6	37.8	41.2	43.4	42.1	47.9		
Avg	14.5	15.5	16.1	15.1	14.7	15.1	14.3	13.6	12.0	10.8	11.5	12.7	13.3	14.0	14.1	12.5	12.4	12.4	12.9	13.7	13.7	13.9	14.5	14.6			13.7

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

Variable: Battery Voltage
Units: volts
Channel: 7

Site: White Water Wash (data subject to change)
Month: January
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 02-08-2011
Printout Time: 14:59:42
Output File Name: WWWB0111.7

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	13.0	13.5	13.6	13.5	13.1	13.1	13.5	13.7	13.1	13.4	13.7	13.6	13.0	12.9	13.7	13.0	13.5	12.9	12.9	13.2	12.9	13.7	13.1	13.9	12.9	13.9	13.3	
2	13.0	13.4	13.2	13.6	15.6	13.6	13.4	13.4	13.5	13.0	12.9	13.4	12.9	13.2	13.0	13.5	13.2	13.3	12.9	12.9	12.9	13.1	13.1	12.9	12.9	15.6	13.3	
3	13.1	13.4	12.9	12.9	13.1	13.5	13.0	13.0	12.9	13.7	12.9	13.3	13.4	13.2	13.1	13.0	13.0	13.0	13.0	13.7	13.0	12.9	13.8	13.6	12.9	13.8	13.2	
4	13.5	13.2	13.0	14.4	15.4	13.3	13.5	13.3	15.0	12.9	13.1	13.0	12.9	13.7	12.9	13.3	13.1	13.2	13.3	13.4	13.7	12.9	13.5	14.6	12.9	15.4	13.5	
5	13.3	13.6	12.9	13.1	12.9	13.6	13.8	13.7	13.4	13.0	13.4	13.0	13.3	13.1	12.9	12.9	13.3	13.0	12.9	14.8	13.8	13.1	13.0	13.4	12.9	14.8	13.3	
6	13.2	13.0	13.3	13.2	13.1	13.4	13.0	13.4	12.9	13.7	13.4	13.1	13.3	13.1	13.0	13.6	13.2	13.2	13.1	13.1	13.1	12.9	14.7	12.9	12.9	14.7	13.2	
7	13.3	13.9	13.4	13.1	13.2	14.9	13.8	13.1	13.0	13.9	13.4	13.6	12.9	13.4	13.0	12.9	12.9	13.2	13.1	13.1	13.0	13.6	13.0	13.3	12.9	14.9	13.3	
8	13.4	13.2	13.3	13.0	13.1	13.1	13.0	13.0	13.2	13.1	12.9	13.4	14.4	12.9	12.9	13.0	13.3	13.0	13.2	13.1	13.3	13.0	12.9	13.1	12.9	14.4	13.2	
9	13.0	13.4	13.4	13.6	13.0	13.4	13.2	13.2	13.0	13.0	13.6	12.9	13.2	13.7	13.0	13.4	12.9	13.0	14.8	13.1	14.5	13.8	13.5	12.9	12.9	14.8	13.4	
10	13.2	13.9	12.9	13.3	13.0	12.9	13.0	13.1	13.4	14.3	13.4	13.1	12.9	13.2	13.0	13.1	13.0	13.0	13.2	13.2	13.4	13.4	12.9	13.5	12.9	14.3	13.2	
11	12.9	13.4	12.9	13.2	13.1	13.4	12.9	13.2	13.0	13.1	13.4	12.9	13.6	14.7	14.7	13.0	12.9	13.0	13.0	13.1	13.0	13.3	13.5	13.0	12.9	14.7	13.3	
12	12.9	13.0	13.0	13.0	13.0	13.3	12.9	12.9	13.5	12.9	12.9	13.2	12.9	13.2	13.0	13.2	14.6	13.0	13.0	13.0	12.9	14.2	13.4	13.0	13.0	12.9	14.6	13.2
13	12.9	12.9	13.0	14.3	13.3	14.5	13.6	12.9	12.9	13.2	13.2	12.9	13.3	13.1	12.9	13.8	13.0	13.2	14.4	13.8	13.4	12.9	13.5	13.7	12.9	14.5	13.4	
14	13.6	13.1	12.9	13.5	13.1	13.1	13.0	13.4	12.9	13.4	12.9	13.0	13.4	13.0	13.2	13.6	13.1	13.1	13.1	13.9	13.1	13.1	13.2	13.6	12.9	13.9	13.2	
15	13.3	13.2	13.4	13.2	13.1	13.1	13.4	13.1	13.7	13.0	12.9	13.1	13.4	14.2	13.2	13.1	13.1	13.1	13.1	13.1	13.1	14.3	13.2	13.2	13.2	12.9	14.3	13.3
16	13.5	13.4	13.4	12.9	12.9	13.6	13.4	13.1	12.9	13.2	13.5	12.9	13.0	13.0	13.6	13.2	13.8	13.1	13.1	13.2	13.2	13.2	13.1	13.3	12.9	13.8	13.2	
17	13.2	13.7	13.5	13.1	13.3	13.7	12.9	12.9	13.8	13.0	13.1	13.3	13.2	12.9	13.1	13.1	13.1	13.0	13.1	13.0	13.2	13.8	13.0	13.1	12.9	13.8	13.2	
18	13.3	13.1	13.0	13.2	12.9	13.0	13.6	13.1	12.9	13.7	13.0	13.3	13.2	13.2	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.2	12.9	13.3	12.9	13.7	13.1
19	12.9	13.0	13.4	13.1	14.9	12.9	13.3	13.2	13.0	13.3	12.9	13.0	13.0	12.9	13.4	13.1	13.3	13.2	13.2	13.1	13.1	13.2	13.2	13.2	12.9	14.9	13.2	
20	13.1	13.1	13.0	13.3	13.3	13.4	13.0	12.9	13.6	13.3	13.0	13.4	12.9	12.9	13.2	13.0	13.9	13.3	13.1	13.0	13.4	13.6	13.2	13.3	12.9	13.9	13.2	
21	13.6	13.0	13.1	12.9	13.1	13.1	13.9	13.1	13.0	12.9	14.6	13.0	13.1	12.9	13.2	13.3	13.3	12.9	13.0	13.4	13.9	13.4	13.0	12.9	12.9	14.6	13.2	
22	13.1	13.2	13.7	13.6	13.2	13.3	12.9	13.1	13.0	13.0	13.0	13.2	12.9	13.6	13.1	13.4	13.3	13.2	13.1	14.1	13.1	13.2	13.3	13.3	12.9	14.1	13.3	
23	12.9	13.2	12.9	13.1	13.2	13.4	13.5	12.9	13.5	13.9	12.9	13.1	14.3	13.1	13.2	13.0	12.9	13.0	13.1	13.0	13.3	13.3	13.6	12.9	12.9	14.3	13.2	
24	13.2	13.0	13.5	13.6	13.9	13.0	13.3	12.9	13.6	12.9	13.5	13.4	13.2	13.2	13.1	13.0	13.4	12.9	13.0	12.9	12.9	13.9	13.0	12.9	12.9	13.9	13.2	
25	13.1	13.4	13.2	13.0	12.9	13.7	12.9	13.0	13.0	13.1	13.4	13.1	13.0	13.0	12.9	13.3	12.9	13.0	13.1	12.9	12.9	13.0	13.2	12.9	12.9	13.7	13.1	
26	13.5	13.1	13.4	13.2	13.0	13.0	12.9	13.5	12.9	13.4	13.1	12.9	13.0	13.0	13.1	13.4	13.4	12.9	13.4	13.0	12.9	14.6	13.0	13.4	12.9	14.6	13.2	
27	13.0	12.9	13.0	12.9	15.2	13.6	13.9	13.2	13.4	12.9	13.3	13.6	13.2	13.6	13.2	13.8	13.0	13.2	12.9	13.0	13.4	13.1	13.5	13.1	12.9	15.2	13.3	
28	13.4	13.0	12.9	13.4	12.8	14.1	12.9	12.9	12.9	13.5	13.5	12.9	13.0	12.9	12.9	14.5	13.1	13.0	13.3	13.4	13.1	13.7	13.0	13.1	12.8	14.5	13.2	
29	13.4	13.3	13.0	13.1	13.2	13.2	13.6	12.9	13.5	13.7	12.9	12.9	13.3	13.1	13.6	12.9	13.1	12.9	13.3	13.5	13.0	13.2	13.1	12.9	12.9	13.7	13.2	
30	15.1	12.9	13.6	13.6	13.5	13.0	12.9	13.0	12.9	13.6	12.9	13.1	13.2	13.0	14.3	13.2	13.0	13.1	12.9	13.3	12.9	12.9	13.0	13.0	12.9	15.1	13.2	
31	13.1	12.9	13.2	13.5	13.0	12.9	13.9	13.5	13.3	12.9	12.9	13.2	13.0	13.3	13.1	13.3	13.5	12.9	13.4	13.6	13.6	13.4	12.9	13.4	12.9	13.9	13.2	
Min	12.9	12.9	12.9	12.9	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8			
Max	15.1	13.9	13.7	14.4	15.6	14.9	13.9	13.7	15.0	14.3	14.6	13.6	14.4	14.7	14.7	14.5	14.6	13.3	14.8	14.8	14.5	14.6	14.7	14.6		15.6		
Avg	13.3	13.2	13.2	13.3	13.4	13.4	13.3	13.2	13.2	13.3	13.2	13.2	13.2	13.2	13.2	13.3	13.2	13.1	13.2	13.3	13.3	13.3	13.2	13.3			13.2	

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