

# White Water Wash Meteorological Data

February 2010

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: February  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 03-03-2010  
Printout Time: 11:52:24  
Output File Name: WWWB0210.9

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	4.6	4.7	6.5	6.3	6.1	6.8	6.7	5.4	3.9	2.1	1.0	2.9	5.0	6.1	4.0	5.8	5.0	5.4	3.2	3.1	6.3	5.3	4.9	6.8	1.0	6.8	4.9
2	7.1	7.7	7.6	7.3	5.0	6.4	7.6	6.6	4.4	2.8	0.8	1.2	1.9	2.9	5.7	4.1	2.1	1.8	6.0	7.9	7.0	5.1	4.5	5.3	0.8	7.9	5.0
3	6.7	3.7	4.0	7.3	8.9	6.3	6.3	7.7	7.5	9.2	9.5	12.9	17.7	12.7	15.6	13.4	8.9	9.2	15.1	21.0	22.7	20.2	20.9	17.6	3.7	22.7	11.9
4	17.2	16.4	10.0	6.4	4.2	9.2	14.7	11.5	13.3	11.4	7.8	6.4	3.0	3.6	3.4	7.4	5.8	6.3	5.2	4.7	7.2	11.8	14.2	16.9	3.0	17.2	9.1
5	16.4	17.2	16.8	13.3	11.4	2.7	5.3	3.4	2.8	2.8	5.1	2.7	4.5	3.5	2.7	1.5	1.3	1.2	1.2	2.5	1.9	0.6	2.9	5.0	0.6	17.2	5.4
6	3.8	5.0	5.0	3.1	5.0	4.1	5.3	3.5	3.6	2.0	2.7	3.3	5.1	5.8	3.9	1.9	2.1	3.3	10.4	5.1	3.5	2.4	3.2	3.2	1.9	10.4	4.0
7	4.0	4.4	5.1	6.3	5.1	4.4	6.9	6.5	6.3	5.7	8.9	14.6	22.6	23.0	22.8	20.1	19.5	18.5	17.8	17.1	13.6	16.2	17.2	15.9	4.0	23.0	12.6
8	17.4	16.5	13.7	7.9	11.8	12.3	9.3	8.8	11.0	6.2	5.4	2.8	2.4	2.0	2.5	2.2	3.5	6.1	5.8	7.2	2.6	4.6	4.5	4.0	2.0	17.4	7.1
9	5.9	9.8	7.4	6.5	3.7	3.2	1.3	3.9	1.6	2.8	3.2	2.3	4.6	3.8	1.6	4.0	3.5	7.8	11.7	18.0	17.8	7.8	9.7	10.3	1.3	18.0	6.3
10	4.8	4.6	10.3	11.7	12.0	11.3	10.3	10.4	10.5	12.6	10.8	10.5	8.3	6.0	8.0	9.7	10.1	9.0	9.3	8.3	7.7	11.4	8.9	8.6	4.6	12.6	9.4
11	11.5	13.1	9.8	12.6	13.4	8.5	13.6	16.5	17.7	17.7	13.7	15.3	15.0	12.7	11.1	12.4	11.2	13.1	13.9	11.8	7.2	7.6	9.7	11.4	7.2	17.7	12.5
12	11.2	12.4	12.9	12.8	13.7	15.0	12.0	12.8	11.1	2.3	2.5	3.5	3.6	5.3	6.3	5.4	4.3	2.6	2.6	4.8	6.9	6.7	7.4	6.6	2.3	15.0	7.7
13	5.2	6.2	6.9	7.3	6.9	6.1	6.8	6.0	3.4	1.8	1.1	1.2	1.8	2.8	3.6	3.3	3.3	2.5	5.9	7.3	4.8	5.2	7.1	7.9	1.1	7.9	4.8
14	7.0	8.5	8.6	8.7	9.0	9.1	9.1	6.0	4.6	1.5	3.0	4.0	4.2	4.1	5.0	4.8	3.2	4.0	5.0	5.7	3.8	4.8	8.8	8.0	1.5	9.1	5.8
15	7.1	5.6	6.5	6.7	8.4	6.9	6.9	5.1	5.0	2.7	3.3	2.5	4.4	3.7	2.9	3.2	1.5	2.9	7.1	6.6	5.0	7.3	8.2	5.4	1.5	8.4	5.2
16	8.2	7.4	9.1	8.5	8.1	5.7	5.8	3.8	2.9	1.4	1.2	3.8	4.8	5.9	7.0	6.4	5.6	4.4	3.6	6.7	9.2	7.8	6.4	6.0	1.2	9.2	5.8
17	6.4	7.1	6.9	6.8	6.1	6.6	6.7	5.8	3.0	1.6	1.1	2.3	4.4	4.0	4.0	3.8	3.4	2.8	4.2	6.4	7.2	7.7	7.6	7.3	1.1	7.7	5.1
18	5.3	7.5	7.0	5.5	6.6	7.3	7.2	7.0	3.1	2.3	5.0	4.5	7.0	5.8	3.9	2.8	8.3	12.1	10.2	8.7	14.7	16.1	16.5	18.0	2.3	18.0	8.0
19	14.9	4.5	6.2	2.6	3.4	19.9	21.1	21.7	23.1	26.5	25.4	26.3	29.1	28.0	26.5	24.4	23.0	20.2	18.6	16.2	9.8	21.2	16.9	20.1	2.6	29.1	18.7
20	21.1	20.0	18.0	17.4	11.5	5.8	6.1	5.6	3.5	3.0	6.4	5.3	3.4	4.4	16.5	21.2	19.7	12.6	7.7	11.7	8.0	6.6	13.4	16.6	3.0	21.2	11.1
21	12.7	9.2	2.3	3.2	2.2	4.8	5.8	4.1	4.8	5.3	6.1	5.0	8.5	13.4	18.3	23.2	19.1	9.3	20.8	18.3	15.1	6.0	3.6	13.8	2.2	23.2	9.8
22	15.1	7.9	3.5	8.4	8.2	18.5	18.3	21.3	18.0	21.6	22.4	22.8	19.4	21.8	19.1	18.3	16.2	9.9	8.9	7.3	6.1	5.5	4.0	3.5	3.5	22.8	13.6
23	3.8	4.6	2.7	5.9	5.9	7.3	8.3	5.2	3.5	3.3	4.3	4.1	3.9	4.5	5.4	6.4	7.6	5.6	9.1	8.0	2.5	5.7	5.7	3.5	2.5	9.1	5.3
24	5.6	5.9	6.7	6.4	5.2	5.2	5.6	4.8	3.3	3.6	6.0	7.0	5.7	6.5	6.9	5.7	6.3	18.2	17.4	8.8	12.1	17.2	12.7	13.4	3.3	18.2	8.2
25	7.2	3.4	11.5	11.6	15.8	11.3	7.1	7.9	9.5	5.9	4.1	5.4	5.1	4.6	4.4	4.5	3.0	4.7	5.3	6.7	8.1	6.0	5.3	6.5	3.0	15.8	6.9
26	8.3	7.3	4.1	6.6	6.9	6.0	6.0	5.0	2.7	0.8	4.9	6.7	6.6	7.1	6.1	5.9	6.9	6.3	6.2	5.2	6.7	7.6	6.3	6.7	0.8	8.3	6.0
27	5.3	6.0	6.8	5.3	5.6	5.5	6.2	3.2	3.4	7.0	4.1	5.0	3.6	6.3	10.9	7.3	3.7	6.9	8.7	22.0	16.6	12.4	10.1	13.5	3.2	22.0	7.7
28	18.0	15.2	9.3	7.8	12.8	4.4	6.5	8.8	15.3	14.2	8.9	12.6	14.0	14.3	17.0	17.0	18.3	16.6	15.9	17.8	12.8	12.9	12.9	13.8	4.4	18.3	13.2
Min	3.8	3.4	2.3	2.6	2.2	2.7	1.3	3.2	1.6	0.8	0.8	1.2	1.8	2.0	1.6	1.5	1.3	1.2	1.2	2.5	1.9	0.6	2.9	3.2	0.6		
Max	21.1	20.0	18.0	17.4	15.8	19.9	21.1	21.7	23.1	26.5	25.4	26.3	29.1	28.0	26.5	24.4	23.0	20.2	20.8	22.0	22.7	21.2	20.9	20.1		29.1	
Avg	9.4	8.6	8.0	7.9	8.0	7.9	8.3	7.8	7.2	6.4	6.4	7.0	7.8	8.0	8.7	8.8	8.1	8.0	9.2	9.8	8.8	8.9	9.1	9.8			8.3

Total Data Records Possible: 672  
Total Valid Data Records: 672  
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: February  
 Year: 2010  
 Time Zone: PST

Validation Level: B  
 Printout Date: 03-03-2010  
 Printout Time: 11:52:24  
 Output File Name: WWB0210.10

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	335	332	328	339	348	332	329	319	328	325	233	114	157	143	157	138	138	119	191	347	7	349	324	338	[NNW]
2	340	347	329	332	339	342	336	352	318	315	331	224	216	179	150	159	140	82	319	338	344	320	317	300	[NNW]
3	307	312	318	345	349	333	329	345	330	302	298	321	308	296	307	299	292	306	313	307	304	305	307	313	[NW ]
4	318	306	317	332	308	297	306	308	307	295	316	300	173	149	106	142	125	109	116	234	331	305	296	304	[NW ]
5	298	298	296	290	272	61	271	267	168	156	126	111	168	205	183	215	218	240	58	275	79	197	3	3	[ W ]
6	358	330	357	317	3	337	342	343	7	108	336	316	327	319	288	187	139	290	310	37	237	65	73	247	[NNW]
7	88	234	268	286	14	270	187	131	161	153	302	297	304	305	307	306	311	312	313	311	309	305	298	301	[NW ]
8	301	303	304	302	335	321	327	345	300	262	275	198	298	21	167	246	206	298	88	102	57	348	359	334	[WNW]
9	337	332	1	1	329	331	253	327	257	168	193	154	168	193	259	276	352	351	332	313	325	350	312	310	[NNW]
10	337	307	305	310	303	300	308	308	310	305	304	307	306	298	303	302	306	307	309	311	307	310	325	349	[NW ]
11	343	312	338	313	300	322	315	295	292	300	292	297	303	297	301	304	306	303	304	306	309	337	327	305	[NW ]
12	304	310	308	321	323	306	321	326	307	194	89	122	149	112	125	122	121	115	5	347	335	341	342	330	[NW ]
13	331	335	356	346	336	334	333	337	330	336	253	132	210	177	167	148	132	56	324	324	335	334	348	340	[NNW]
14	344	343	346	348	344	333	348	349	358	351	99	146	186	190	190	207	224	301	315	316	317	316	346	332	[NNW]
15	327	328	314	346	359	337	350	328	4	292	185	201	204	187	136	190	187	323	325	337	329	338	1	320	[NNW]
16	339	354	330	347	342	324	321	309	339	356	234	177	166	140	154	152	128	116	165	330	347	354	340	344	[NNW]
17	338	353	329	352	319	325	332	334	308	301	216	167	197	178	153	143	134	157	110	333	9	324	1	344	[NNW]
18	353	355	358	345	350	358	0	1	25	196	188	180	148	159	159	105	289	302	277	302	308	308	313	311	[ N ]
19	293	245	260	282	260	299	303	303	300	297	297	298	299	302	303	305	304	298	301	302	292	311	303	305	[WNW]
20	302	311	311	316	294	208	213	41	227	195	148	186	257	322	300	307	309	321	299	312	324	290	312	308	[NW ]
21	293	281	207	260	77	166	205	112	177	180	106	261	187	271	288	310	328	338	323	328	313	284	7	313	[NW ]
22	313	296	301	53	357	315	314	305	327	9	10	7	7	18	11	21	19	15	2	324	301	289	330	187	[ N ]
23	154	206	176	29	327	339	333	344	213	152	176	173	173	185	136	126	135	131	114	127	346	355	8	346	[NNW]
24	341	348	345	343	334	334	353	337	333	210	157	167	160	151	186	210	253	290	287	284	308	318	290	273	[NNW]
25	273	283	285	281	315	285	359	359	313	310	225	227	199	292	250	265	332	16	311	349	316	324	327	325	[NW ]
26	358	339	318	357	332	322	332	332	315	44	140	141	140	145	133	131	138	125	107	58	332	5	1	350	[SE ]
27	347	325	339	341	338	338	8	290	270	333	356	300	226	297	338	295	319	351	171	312	315	308	309	310	[NW ]
28	319	323	344	310	299	328	347	348	312	295	284	304	306	303	300	302	301	305	303	301	300	314	319	323	[WNW]

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NW ] [WNW] [WNW] [WNW] [SSE] [WNW] [SSE] [SE ] [SE ] [WNW] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ] [NW ]

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

Total Data Records Possible: 672  
Total Valid Data Records: 672  
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: February  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 03-03-2010  
Printout Time: 11:52:24  
Output File Name: WWWB0210.11

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	6.2	6.6	5.1	6.8	7.1	5.7	5.3	6.0	7.2	14.0	33.8	33.2	19.2	16.7	27.3	14.4	9.9	8.4	39.2	36.0	3.4	11.3	20.6	5.0	3.4	39.2	14.5
2	3.2	6.1	7.9	3.6	12.4	4.8	4.8	6.6	8.6	12.1	43.7	46.0	50.9	38.3	21.7	23.3	16.9	30.6	8.9	4.1	7.0	10.6	20.9	8.2	3.2	50.9	16.7
3	4.5	16.2	17.5	8.9	7.6	6.7	12.7	10.2	8.8	6.7	8.0	13.0	10.8	11.7	10.0	9.3	7.5	6.7	7.0	7.3	7.4	7.5	7.3	8.1	4.5	17.5	9.2
4	9.1	9.1	24.9	21.2	18.9	17.7	9.7	8.9	7.6	14.5	16.6	19.6	32.0	40.8	30.0	13.0	9.8	7.7	18.8	13.0	14.3	14.7	10.9	8.0	7.6	40.8	16.3
5	9.3	8.5	9.6	11.5	16.7	51.0	23.3	21.9	20.4	15.9	15.2	24.3	15.5	25.3	39.9	31.3	40.2	38.8	18.7	38.3	19.3	32.2	9.1	7.0	7.0	51.0	22.6
6	15.2	14.0	11.0	13.9	16.2	16.2	10.1	10.8	21.5	50.6	61.4	60.1	22.7	8.2	19.7	29.4	49.3	53.5	21.8	46.4	54.7	30.8	47.2	55.7	8.2	61.4	30.9
7	44.2	55.0	35.6	23.1	47.4	53.2	65.2	74.9	52.1	62.2	47.5	26.4	8.6	8.6	8.0	7.8	8.0	7.2	7.3	8.3	8.0	7.8	8.1	8.1	7.2	74.9	28.4
8	8.5	7.3	9.2	26.7	10.3	6.7	11.6	10.4	10.9	30.5	35.1	33.0	51.6	47.5	47.3	42.2	20.2	12.4	33.7	8.5	55.0	10.9	12.6	8.9	6.7	55.0	23.0
9	9.3	10.0	7.5	27.5	22.8	31.5	25.7	17.0	25.6	13.1	14.1	58.8	23.4	23.9	29.9	39.5	24.4	9.1	10.3	8.2	9.4	19.8	9.6	6.7	6.7	58.8	19.9
10	28.5	13.9	7.5	7.2	7.3	7.3	9.1	6.5	7.7	8.5	11.3	9.2	13.2	22.3	14.3	9.9	8.3	8.2	8.4	9.9	12.2	7.7	14.5	9.8	6.5	28.5	10.9
11	13.3	15.9	19.3	13.2	10.8	23.7	23.0	13.4	13.8	12.1	17.3	9.9	11.2	13.6	16.0	9.1	8.5	8.3	7.3	7.1	11.5	11.8	8.4	7.5	7.1	23.7	12.7
12	8.0	8.2	12.9	11.0	10.6	10.1	9.1	7.7	15.0	36.6	45.8	25.8	29.1	20.1	20.4	16.1	14.6	7.3	44.5	30.9	6.3	11.4	8.7	14.7	6.3	45.8	17.7
13	14.7	13.8	7.7	7.4	14.7	12.4	7.8	9.0	12.7	17.9	30.5	61.3	43.2	29.8	25.8	30.5	11.1	10.3	4.2	6.0	10.5	8.5	6.3	8.6	4.2	61.3	16.9
14	10.4	6.5	9.1	6.2	5.9	5.8	7.0	35.7	27.5	23.0	21.4	15.6	21.2	25.6	15.3	11.9	17.3	11.1	11.8	13.7	18.4	15.2	12.2	12.5	5.8	35.7	15.0
15	7.8	11.8	9.8	9.4	7.3	10.1	30.0	14.0	11.6	25.4	18.7	42.9	23.9	46.0	52.9	28.4	25.0	12.3	5.1	10.1	10.0	6.9	5.8	8.8	5.1	52.9	18.1
16	5.9	7.1	7.0	7.4	6.4	7.5	11.6	13.5	11.7	41.0	43.6	30.0	28.0	22.6	20.2	16.4	11.6	23.8	44.8	9.7	7.8	7.8	5.4	7.9	5.4	44.8	16.6
17	8.8	9.2	5.9	7.2	8.0	8.7	10.8	12.5	14.7	36.9	42.2	49.3	33.1	31.2	42.4	34.4	13.8	43.8	17.7	18.5	11.7	10.2	9.1	17.6	5.9	49.3	20.7
18	9.9	6.3	8.0	12.4	10.6	8.4	8.6	13.6	35.8	14.2	13.6	25.3	16.9	39.8	43.2	37.3	28.7	16.5	16.3	11.9	9.8	12.5	10.2	10.5	6.3	43.2	17.5
19	14.3	29.1	45.5	39.4	47.9	10.5	7.9	7.6	8.8	7.1	8.6	8.2	9.4	9.0	10.3	10.7	10.6	13.4	14.7	18.6	25.1	11.1	18.5	10.6	7.1	47.9	16.5
20	8.4	10.2	10.3	12.5	11.0	25.4	37.5	16.6	48.5	38.3	23.9	41.2	45.8	53.2	21.3	9.9	9.3	16.4	30.8	16.5	34.8	23.4	28.0	16.4	8.4	53.2	24.6
21	11.3	26.9	37.4	51.2	41.1	32.8	53.2	65.4	23.1	25.6	39.7	50.8	39.4	38.1	32.3	12.6	9.3	41.2	10.9	13.6	15.6	57.2	72.3	21.4	9.3	72.3	34.3
22	11.7	15.7	35.5	22.2	37.8	12.4	9.4	10.0	11.6	12.0	12.4	11.7	13.9	11.2	12.3	11.0	11.8	14.0	12.1	15.3	24.4	22.5	46.3	47.3	9.4	47.3	18.5
23	51.4	28.6	69.3	27.1	16.1	14.7	30.6	11.2	36.0	15.1	19.7	29.6	47.6	39.9	22.9	19.5	10.2	8.5	7.1	8.6	29.9	7.6	9.6	6.2	6.2	69.3	23.6
24	4.5	4.8	8.9	9.5	10.5	6.5	18.3	10.4	13.6	24.5	15.6	13.5	12.5	12.6	15.4	19.3	40.7	22.9	15.5	18.4	24.0	15.8	19.4	10.5	4.5	40.7	15.3
25	26.8	39.7	22.4	16.6	11.8	21.8	24.6	11.4	14.0	18.7	27.7	33.2	43.8	34.5	30.9	21.0	47.3	30.4	12.4	11.1	7.3	21.8	14.8	10.3	7.3	47.3	23.1
26	7.3	15.6	9.6	13.2	7.0	8.1	11.1	8.3	11.7	44.5	20.9	19.1	22.4	20.4	18.1	16.6	9.9	7.8	8.3	37.1	10.2	10.9	15.1	9.4	7.0	44.5	15.1
27	12.7	11.4	9.0	16.1	19.3	15.4	22.9	47.2	34.7	13.2	34.3	26.8	32.6	22.8	15.9	15.5	48.1	20.0	31.4	9.8	10.7	11.9	12.6	10.3	9.0	48.1	21.0
28	8.6	10.9	13.2	11.2	8.3	36.5	21.2	10.4	7.7	17.2	22.7	14.0	11.6	12.0	10.7	8.4	8.5	7.9	7.6	8.2	11.5	13.7	12.7	8.1	7.6	36.5	12.6
Min	3.2	4.8	5.1	3.6	5.9	4.8	4.8	6.0	7.2	6.7	8.0	8.2	8.6	8.2	8.0	7.8	7.5	6.7	4.2	4.1	3.4	6.9	5.4	5.0	3.2		
Max	51.4	55.0	69.3	51.2	47.9	53.2	65.2	74.9	52.1	62.2	61.4	61.3	51.6	53.2	52.9	42.2	49.3	53.5	44.8	46.4	55.0	57.2	72.3	55.7		74.9	
Avg	13.4	14.9	17.0	15.8	16.1	16.8	18.6	17.5	18.7	23.3	26.6	29.7	26.2	25.9	24.1	19.6	19.0	17.8	17.0	15.9	16.8	15.5	17.0	13.0			19.0

Total Data Records Possible: 672  
Total Valid Data Records: 672  
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: February  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 03-03-2010  
Printout Time: 11:52:24  
Output File Name: WWWB0210.17

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	6.2	7.8	8.9	8.2	9.2	9.5	8.8	6.9	6.3	4.5	2.8	9.8	10.0	10.3	7.8	9.6	8.6	8.5	6.7	6.9	7.7	7.3	9.8	10.2	2.8	10.3	8.0
2	9.4	10.4	9.9	10.7	8.0	8.2	9.0	8.1	6.9	4.4	2.6	5.8	5.5	10.8	12.4	10.3	4.5	4.0	9.3	10.5	8.9	6.6	6.8	9.9	2.6	12.4	8.0
3	9.8	6.4	6.5	10.8	11.8	9.6	9.9	10.6	11.5	13.6	14.3	24.1	30.0	23.1	23.5	22.8	15.5	16.7	26.9	37.3	34.7	31.9	33.2	28.2	6.4	37.3	19.3
4	26.9	28.8	24.4	14.1	9.1	21.0	23.7	20.3	25.3	23.7	15.2	12.9	5.9	9.3	10.6	12.6	9.6	9.8	10.5	7.1	16.3	22.6	26.0	25.4	5.9	28.8	17.1
5	26.5	31.0	26.7	21.8	22.9	9.4	14.8	7.9	6.8	6.2	8.6	5.9	8.0	6.9	7.8	4.6	4.9	3.4	5.0	4.7	3.4	3.7	6.6	7.1	3.4	31.0	10.6
6	6.9	8.5	7.2	5.6	7.4	7.5	7.2	6.1	7.6	5.7	5.6	8.5	9.1	9.1	9.9	5.1	7.5	22.5	25.1	15.8	10.0	4.5	7.1	8.3	4.5	25.1	9.1
7	12.4	11.0	9.9	25.0	12.8	11.8	15.1	17.2	15.0	14.3	33.8	33.5	35.9	34.3	36.2	31.3	29.8	27.3	27.1	30.1	23.4	27.3	28.7	30.0	9.9	36.2	23.9
8	28.0	25.6	22.1	18.7	18.2	19.6	18.5	14.6	17.2	14.3	13.1	6.4	5.6	5.6	5.5	6.8	7.2	12.6	11.4	11.5	8.9	7.4	7.2	6.9	5.5	28.0	13.0
9	13.7	14.0	9.9	9.6	6.6	6.5	4.7	8.0	3.9	6.2	5.7	6.6	8.8	7.2	3.7	10.4	11.3	13.3	19.5	29.7	32.0	15.3	17.5	18.3	3.7	32.0	11.8
10	11.0	13.5	15.9	17.2	20.7	16.7	16.2	14.7	18.6	18.9	17.3	16.2	13.2	12.6	13.4	15.0	16.6	16.1	14.1	16.3	13.2	19.1	16.8	13.1	11.0	20.7	15.7
11	20.4	23.2	19.8	24.0	24.9	15.7	28.1	29.8	29.7	26.8	23.8	22.5	23.3	20.6	20.8	20.4	17.9	24.0	21.1	20.4	12.5	14.8	15.6	17.3	12.5	29.8	21.6
12	19.8	19.4	24.9	21.5	26.5	26.3	19.5	18.1	17.5	5.6	8.2	7.1	8.8	10.5	12.1	9.6	8.3	3.7	6.2	8.0	8.1	10.2	9.8	10.9	3.7	26.5	13.4
13	7.0	8.7	10.1	10.6	9.4	8.1	8.8	7.9	5.8	5.0	3.5	4.3	5.6	6.8	6.4	9.4	5.6	6.3	8.0	9.6	8.0	7.9	9.3	13.0	3.5	13.0	7.7
14	10.3	10.5	11.5	13.7	12.8	12.1	12.5	12.0	11.3	6.9	6.5	7.9	9.6	8.1	8.9	9.0	6.0	7.4	7.9	8.5	8.3	8.9	12.4	11.8	6.0	13.7	9.8
15	8.8	8.5	8.7	10.4	11.9	9.3	11.2	7.7	8.5	6.1	6.0	6.7	9.9	10.0	8.0	8.7	5.8	5.9	9.1	11.2	6.1	10.5	10.1	8.9	5.8	11.9	8.7
16	10.8	10.3	12.8	11.9	11.1	7.4	7.8	7.2	5.9	3.6	4.4	8.0	9.7	12.5	13.1	12.1	9.8	6.9	6.6	9.7	13.0	11.8	9.5	8.4	3.6	13.1	9.4
17	9.7	9.3	9.9	8.7	8.4	8.6	11.0	8.9	5.8	4.1	3.7	6.9	9.3	10.4	10.1	8.3	6.9	7.8	6.4	9.2	10.0	10.3	11.8	10.9	3.7	11.8	8.6
18	8.6	10.6	10.2	9.3	10.3	11.8	10.4	11.5	7.8	4.6	8.3	10.4	12.9	12.1	8.3	7.3	23.7	23.5	21.5	18.5	27.2	27.4	31.9	30.5	4.6	31.9	14.9
19	28.9	11.4	15.9	7.1	11.0	34.0	33.9	35.4	34.4	38.1	41.0	38.6	43.4	44.9	47.0	44.8	36.0	37.0	34.2	30.8	30.5	38.9	38.5	42.1	7.1	47.0	33.2
20	33.3	34.1	31.5	28.5	23.2	12.0	12.1	8.8	7.8	11.5	12.5	11.4	9.2	21.2	31.4	34.2	32.2	22.4	23.1	26.1	15.2	14.5	30.5	34.6	7.8	34.6	21.7
21	25.2	20.3	6.9	6.8	4.1	10.9	12.0	6.9	9.3	10.4	18.9	16.4	21.6	35.0	41.9	43.5	32.7	23.0	37.8	34.8	37.0	22.1	11.9	28.2	4.1	43.5	21.6
22	30.7	15.6	7.1	15.7	22.9	31.4	33.5	34.8	31.7	33.3	36.2	36.8	32.4	34.6	35.1	29.5	30.5	23.5	20.9	16.4	16.0	11.4	10.4	10.6	7.1	36.8	25.0
23	8.3	8.8	6.1	10.3	9.9	13.3	13.7	8.0	5.7	6.0	7.4	8.1	9.7	11.8	13.4	12.1	11.8	8.6	16.5	14.1	7.6	7.6	7.9	5.6	5.6	16.5	9.7
24	7.5	7.8	9.6	8.5	9.1	8.1	8.8	7.4	6.4	8.6	9.9	12.8	9.1	11.4	11.2	9.7	23.0	34.8	38.9	22.4	23.6	29.7	29.0	28.0	6.4	38.9	15.6
25	17.7	15.3	25.6	26.1	25.9	24.0	12.1	14.6	14.9	12.1	9.8	12.5	11.6	11.8	9.9	9.4	7.8	9.1	8.2	10.4	11.6	10.3	10.3	10.1	7.8	26.1	13.8
26	12.4	11.8	7.3	8.5	8.6	7.9	8.3	6.8	5.0	4.5	11.3	13.8	12.0	12.8	11.3	10.6	11.4	10.4	9.4	8.9	8.8	11.0	9.8	9.5	4.5	13.8	9.7
27	9.6	8.9	10.1	8.5	8.3	10.2	10.9	8.9	10.7	12.2	8.3	11.4	10.0	15.2	21.0	16.1	10.6	16.9	44.1	42.3	29.1	21.2	17.9	22.6	8.3	44.1	16.0
28	28.4	27.5	19.9	14.1	25.2	10.7	12.6	18.5	23.8	24.0	21.8	21.5	22.5	22.6	27.8	27.1	28.8	24.7	24.9	29.0	21.0	22.7	19.4	22.5	10.7	29.0	22.6
Min	6.2	6.4	6.1	5.6	4.1	6.5	4.7	6.1	3.9	3.6	2.6	4.3	5.5	5.6	3.7	4.6	4.5	3.4	5.0	4.7	3.4	3.7	6.6	5.6	2.6		
Max	33.3	34.1	31.5	28.5	26.5	34.0	33.9	35.4	34.4	38.1	41.0	38.6	43.4	44.9	47.0	44.8	36.0	37.0	44.1	42.3	37.0	38.9	38.5	42.1	47.0		
Avg	16.0	15.0	13.9	13.8	13.9	13.6	14.1	13.1	12.9	12.0	12.9	13.8	14.4	15.8	16.7	16.1	15.2	15.4	17.9	17.9	16.2	15.6	16.3	17.2			15.0

Total Data Records Possible: 672  
Total Valid Data Records: 672  
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: February  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 03-03-2010  
Printout Time: 11:52:24  
Output File Name: WWWB0210.7

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

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