

# White Water Wash Meteorological Data

December 2008

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: December  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 01-06-2009  
Printout Time: 14:37:11  
Output File Name: WWWB1208.9

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	5.6	5.4	7.2	9.8	7.2	4.6	5.4	5.9	3.3	2.0	2.9	6.0	6.8	5.6	4.5	3.4	3.1	4.5	7.7	8.0	8.2	8.4	8.2	7.9	2.0	9.8	5.9
2	8.0	7.3	7.6	8.5	8.1	6.5	6.3	4.4	1.3	1.5	4.6	5.4	6.9	7.0	8.5	7.2	3.5	4.3	5.6	6.5	7.8	16.2	12.9	10.8	1.3	16.2	6.9
3	9.3	10.0	8.5	8.6	8.3	9.5	7.6	7.0	4.0	2.2	2.5	5.6	6.5	7.6	7.4	7.7	4.1	2.8	6.9	10.0	8.4	7.2	7.0	5.1	2.2	10.0	6.8
4	7.1	7.0	5.8	7.1	5.8	7.1	7.1	6.5	4.6	1.8	0.9	1.6	4.7	5.0	3.8	2.4	2.5	4.4	5.0	5.7	5.0	4.3	6.1	6.7	0.9	7.1	4.9
5	6.4	6.8	6.0	6.0	7.9	8.7	5.4	4.6	2.8	3.5	4.4	2.6	4.3	3.7	4.3	3.6	3.6	6.5	7.8	7.3	5.4	5.9	5.3	6.3	2.6	8.7	5.4
6	5.3	7.5	5.9	6.4	5.9	8.9	9.1	7.6	3.4	0.6	0.9	4.1	5.7	6.1	7.0	5.9	3.9	2.7	5.5	6.8	5.4	5.7	5.8	5.1	0.6	9.1	5.5
7	6.2	5.0	7.5	5.2	5.3	5.8	5.3	5.8	5.0	4.6	4.0	5.3	5.5	3.0	8.4	5.2	2.5	13.1	16.1	18.6	18.7	20.0	21.8	22.8	2.5	22.8	9.2
8	23.1	22.3	21.8	25.3	16.8	18.0	19.4	23.3	22.8	15.9	13.5	20.5	18.2	16.5	24.1	26.6	30.3	28.8	24.9	22.6	16.4	13.6	7.6	10.6	7.6	30.3	20.1
9	10.4	6.0	6.5	9.5	22.5	18.2	20.2	14.7	4.2	5.8	4.1	4.0	5.8	11.5	7.7	7.0	5.9	6.7	4.4	5.2	4.6	4.1	5.8	6.2	4.0	22.5	8.4
10	5.7	7.4	6.2	7.8	5.8	5.2	6.8	7.1	3.0	1.4	2.6	4.3	4.9	6.6	6.7	6.4	4.3	2.4	4.6	7.1	6.9	7.5	8.9	8.5	1.4	8.9	5.8
11	7.2	7.3	6.4	8.9	7.3	6.9	8.0	7.3	4.9	2.5	2.4	4.0	4.3	2.9	3.6	2.7	2.2	3.6	6.6	7.6	7.2	7.9	7.3	7.1	2.2	8.9	5.7
12	7.9	7.6	7.5	7.9	7.4	6.1	7.6	7.1	5.1	3.2	2.3	4.9	6.0	7.1	8.2	8.7	6.8	4.3	2.8	3.8	8.3	14.8	10.4	7.7	2.3	14.8	6.8
13	18.8	13.2	16.5	8.8	11.2	20.2	15.5	6.4	5.1	4.9	4.3	7.6	10.8	14.9	12.9	12.7	17.0	13.6	9.7	18.3	19.9	14.3	24.6	19.0	4.3	24.6	13.3
14	20.3	23.0	20.1	14.7	17.5	13.1	5.4	2.9	3.5	3.4	3.2	3.4	3.9	11.3	8.6	9.0	10.3	10.8	11.3	7.6	4.7	3.0	1.0	4.4	1.0	23.0	9.0
15	5.7	6.2	3.5	6.3	3.6	2.3	1.4	1.7	4.0	5.9	8.4	6.6	7.5	8.4	10.5	5.9	3.1	1.8	4.5	5.1	4.1	2.5	3.3	2.1	1.4	10.5	4.8
16	3.7	3.6	2.7	1.6	2.7	5.4	7.6	1.7	1.3	2.2	2.3	2.6	4.0	5.0	3.0	9.3	5.5	4.7	4.9	5.1	5.9	4.7	5.6	4.9	1.3	9.3	4.2
17	3.0	2.2	3.0	2.9	3.5	4.2	6.2	7.3	7.0	8.6	9.6	7.6	6.1	6.2	7.3	8.5	6.5	6.9	2.7	3.5	2.1	2.3	5.7	6.4	2.1	9.6	5.4
18	3.4	3.8	4.2	2.1	2.8	8.7	5.5	3.2	4.3	8.1	7.4	7.3	6.8	7.4	8.9	6.3	4.1	3.2	2.0	3.1	4.0	5.5	5.3	4.4	2.0	8.9	5.1
19	4.7	6.5	4.9	6.8	6.3	7.2	8.3	4.6	4.3	2.4	3.0	3.0	5.8	6.0	5.3	5.3	4.2	5.4	6.7	6.1	3.4	7.1	6.4	6.8	2.4	8.3	5.4
20	7.0	5.6	5.3	6.2	7.3	5.8	7.4	7.1	4.3	2.9	0.9	1.1	1.8	3.8	3.7	3.0	2.5	7.8	7.7	6.3	5.2	4.6	5.4	5.9	0.9	7.8	4.9
21	6.7	6.7	8.4	8.8	6.2	8.7	7.3	6.9	2.2	2.3	2.3	2.8	2.2	4.9	4.5	2.7	3.1	2.8	4.8	7.0	8.1	5.9	6.6	4.0	2.2	8.8	5.2
22	5.7	6.6	2.7	3.8	4.7	3.6	4.1	4.9	2.8	4.8	9.2	9.3	9.0	10.3	11.1	9.3	5.2	6.7	10.7	9.2	12.7	13.7	11.4	9.3	2.7	13.7	7.5
23	7.8	8.3	7.7	6.4	4.9	6.2	2.9	3.5	2.9	5.0	4.4	4.3	6.0	3.0	7.2	9.9	11.8	13.7	13.7	14.0	9.7	7.0	8.6	6.7	2.9	14.0	7.3
24	5.5	5.2	5.2	4.8	5.1	5.0	5.6	5.2	4.9	2.8	2.5	2.9	1.1	1.6	2.0	1.2	2.4	1.5	2.3	2.5	4.7	4.0	5.8	6.8	1.1	6.8	3.8
25	5.6	4.1	3.3	1.8	4.7	4.4	2.8	1.9	1.4	2.3	7.0	7.2	10.3	12.3	5.8	6.5	21.8	17.5	20.4	30.5	24.9	24.3	17.4	26.6	1.4	30.5	11.0
26	30.7	32.7	29.6	30.6	29.1	28.3	24.5	23.4	22.7	27.2	27.5	20.5	18.0	13.4	11.0	9.8	7.9	5.5	5.3	2.8	3.3	3.5	4.4	3.0	2.8	32.7	17.3
27	5.3	4.0	6.6	6.8	8.1	7.0	6.3	6.6	4.8	2.3	1.9	4.5	3.1	2.8	2.8	2.8	3.8	3.6	2.9	6.7	6.6	7.2	7.7	5.1	1.9	8.1	5.0
28	5.3	5.9	5.5	5.2	6.0	5.8	6.1	5.3	2.9	1.5	3.7	4.5	4.7	4.0	4.4	4.1	3.3	1.6	2.7	5.9	6.8	6.6	7.2	7.3	1.5	7.3	4.8
29	6.6	6.6	7.3	5.9	8.0	6.3	6.9	6.8	4.9	1.9	0.9	2.9	4.7	4.6	4.4	3.3	1.3	5.5	6.1	7.7	8.0	7.6	8.1	8.8	0.9	8.8	5.6
30	6.8	7.4	7.1	7.2	8.0	7.2	6.8	6.2	4.2	0.4	1.1	3.2	3.1	-940	5.7	3.5	3.5	5.0	6.2	8.0	6.9	7.8	5.7	6.9	0.4	8.0	5.6
31	7.7	8.5	8.4	7.3	6.3	8.3	6.6	6.3	6.0	2.8	1.4	1.7	2.4	2.8	3.1	3.6	3.2	3.8	5.5	6.1	6.7	6.8	7.1	8.1	1.4	8.5	5.4
Min	3.0	2.2	2.7	1.6	2.7	2.3	1.4	1.7	1.3	0.4	0.9	1.1	1.1	1.6	2.0	1.2	1.3	1.5	2.0	2.5	2.1	2.3	1.0	2.1	0.4		
Max	30.7	32.7	29.6	30.6	29.1	28.3	24.5	23.4	22.8	27.2	27.5	20.5	18.2	16.5	24.1	26.6	30.3	28.8	24.9	30.5	24.9	24.3	24.6	26.6		32.7	
Avg	8.5	8.4	8.0	8.0	8.2	8.5	7.9	6.9	5.1	4.4	4.7	5.5	6.2	6.8	7.0	6.6	6.2	6.6	7.4	8.5	8.1	8.2	8.2	8.1			7.2

Total Data Records Possible: 744  
Total Valid Data Records: 743  
Percent Data Recovery: 99.9

#### 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: December  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 01-06-2009  
 Printout Time: 14:37:12  
 Output File Name: WWWB1208.10

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	327	327	321	343	340	324	306	330	326	321	166	138	136	156	159	161	159	345	340	350	338	336	340	352	[NNW]
2	334	334	336	337	336	348	344	345	341	113	172	157	152	145	133	147	179	152	174	227	286	290	319	338	[NNW]
3	347	351	355	348	334	341	341	343	352	86	110	144	131	132	123	129	152	329	356	336	334	337	321	333	[NNW]
4	329	326	331	326	342	334	340	336	339	287	175	126	159	154	157	141	120	34	316	351	342	320	315	335	[NNW]
5	327	317	317	328	309	294	316	321	311	301	286	198	183	188	165	147	116	314	323	326	329	334	333	338	[NW ]
6	303	337	317	325	329	345	331	347	332	241	176	138	143	137	140	146	159	38	3	338	341	358	346	319	[NNW]
7	346	345	349	327	343	355	336	349	307	6	108	135	140	118	315	200	113	294	290	295	299	297	305	311	[NNW]
8	315	305	305	306	289	294	299	304	302	276	277	297	299	298	302	304	302	309	308	298	298	310	311	347	[WNW]
9	359	161	121	8	33	17	24	31	168	206	276	337	321	12	17	28	27	9	351	330	193	313	328	343	[NNE]
10	328	321	330	347	327	334	334	311	323	233	169	155	145	128	145	152	147	84	344	338	350	327	338	334	[NNW]
11	337	335	328	327	338	331	335	341	324	342	160	173	163	153	168	162	163	345	343	349	340	339	335	336	[NNW]
12	339	332	348	345	326	337	346	335	332	292	151	113	145	148	141	132	123	37	315	326	301	295	280	264	[NNW]
13	292	273	281	260	265	279	264	127	172	268	189	134	124	355	342	357	352	346	340	9	336	353	310	286	[ W ]
14	293	309	308	298	311	306	300	256	206	153	88	266	293	306	308	301	311	302	322	279	261	254	307	278	[NW ]
15	281	287	241	107	11	299	248	263	293	318	320	319	301	308	318	314	264	253	9	9	29	166	342	159	[NW ]
16	192	12	289	61	304	265	258	98	166	157	192	183	118	162	234	298	304	348	12	329	347	341	343	323	[NNW]
17	273	29	21	231	200	292	301	280	292	289	289	267	261	238	277	275	269	231	357	313	266	289	311	292	[ W ]
18	284	281	273	324	15	285	247	88	157	139	132	145	154	140	150	154	175	195	199	269	239	356	7	11	[SSE]
19	5	353	339	348	332	354	343	325	17	123	185	188	131	133	129	170	187	247	256	266	329	355	354	339	[NNW]
20	12	357	347	335	351	331	344	342	342	333	266	61	131	118	147	140	162	296	314	339	359	318	358	328	[NNW]
21	332	334	332	350	322	353	342	328	307	79	211	127	159	177	146	149	145	99	334	333	352	334	327	335	[NNW]
22	340	352	354	340	342	347	360	10	204	139	145	143	148	127	123	126	143	125	80	16	91	330	325	128	[SE ]
23	125	68	12	309	296	297	272	251	189	169	204	157	164	54	340	321	314	306	301	300	289	285	301	353	[WNW]
24	6	346	341	352	352	344	345	335	340	109	127	158	300	324	179	194	302	18	314	337	353	323	338	352	[NNW]
25	359	339	3	158	353	321	357	335	316	21	98	134	130	116	83	359	298	270	266	292	321	329	327	325	[ N ]
26	330	322	317	316	309	313	302	302	306	311	302	301	304	304	312	309	308	328	320	285	283	152	191	171	[NW ]
27	327	330	330	346	349	338	334	321	302	316	230	113	80	145	81	151	130	123	16	354	329	341	319	328	[NNW]
28	356	358	312	319	328	316	336	328	333	126	176	134	135	160	128	140	172	312	356	341	328	334	327	334	[NNW]
29	330	325	333	341	324	338	328	334	314	294	225	144	141	127	146	156	128	332	336	329	337	341	335	337	[NNW]
30	335	339	330	325	332	331	330	332	326	293	206	174	173	-940	130	153	205	336	336	335	344	337	325	333	[NNW]
31	341	338	348	336	342	332	324	333	319	311	267	184	185	163	130	165	131	321	344	336	336	330	339	342	[NNW]

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

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- 970 Data invalid - Does not meet consistency or an obvious problem
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- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Validation Level: B  
Printout Date: 01-06-2009  
Printout Time: 14:37:12  
Output File Name: WWWB1208.10t

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Total Data Records Possible: 744
Total Valid Data Records: 743
Percent Data Recovery: 99.9
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-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: December  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 01-06-2009  
Printout Time: 14:37:12  
Output File Name: WWWB1208.11

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	13.6	10.7	10.2	8.6	17.6	16.9	10.0	5.7	8.1	17.2	46.4	15.4	16.5	17.3	19.2	13.6	48.4	6.6	3.9	5.0	5.4	5.4	8.4	11.4	3.9	48.4	14.2
2	9.9	7.9	8.9	7.6	7.4	16.1	16.4	17.8	69.1	44.6	16.0	14.6	10.8	13.6	9.3	9.4	37.0	47.4	67.7	35.7	58.6	11.1	11.5	17.2	7.4	69.1	23.6
3	13.3	7.6	9.1	13.1	14.6	12.6	22.4	12.6	13.1	44.8	34.1	15.9	16.0	15.1	13.3	9.7	22.8	40.3	8.3	5.0	9.6	7.4	5.3	9.0	5.0	44.8	15.6
4	8.0	6.1	5.9	7.7	5.6	5.1	6.9	6.4	7.3	18.6	48.0	37.6	28.4	18.0	19.0	11.9	18.3	9.8	22.0	14.1	14.4	15.2	8.1	8.8	5.1	48.0	14.6
5	7.5	6.7	9.1	7.5	8.7	4.0	15.6	13.2	15.6	19.0	24.6	45.5	19.2	27.8	25.2	13.7	17.3	9.9	6.2	5.5	10.5	16.9	10.2	9.4	4.0	45.5	14.5
6	8.4	7.1	5.3	5.5	14.0	6.2	5.9	5.2	13.8	43.8	67.4	20.1	15.1	15.0	12.6	9.5	8.4	43.8	14.2	5.4	10.5	5.2	10.6	12.3	5.2	67.4	15.2
7	6.3	10.4	5.5	15.0	6.9	7.7	9.2	11.9	21.1	10.5	36.5	11.8	11.8	24.8	42.3	28.2	31.0	23.6	9.9	7.3	8.5	8.0	11.1	7.7	5.5	42.3	15.3
8	7.8	8.0	7.6	7.5	17.6	14.4	17.5	10.1	13.4	38.0	30.3	15.3	16.9	17.4	11.5	10.3	8.1	7.6	8.4	8.8	10.1	17.8	22.7	20.0	7.5	38.0	14.5
9	32.3	34.6	27.4	34.5	9.0	8.5	9.4	16.9	70.4	32.9	41.1	61.3	36.0	21.6	24.5	14.9	31.0	36.7	32.8	36.3	57.8	50.5	31.6	17.1	8.5	70.4	32.0
10	21.2	9.4	14.2	10.4	13.2	13.8	13.3	7.7	14.0	30.0	22.6	14.2	21.7	15.7	11.5	8.3	7.1	17.8	14.8	5.6	8.0	3.9	6.3	10.6	3.9	30.0	13.1
11	6.1	4.4	5.0	8.8	14.6	6.1	5.7	4.7	11.1	11.3	35.7	16.1	15.0	25.4	13.8	11.3	29.2	8.4	7.4	6.8	4.9	5.3	7.4	8.4	4.4	35.7	11.4
12	7.3	7.8	8.3	7.0	7.6	16.4	8.6	8.4	13.5	33.1	60.6	24.4	11.5	12.6	10.1	10.5	10.1	38.9	44.3	17.7	16.8	10.8	12.1	22.5	7.0	60.6	17.5
13	15.1	17.3	16.4	45.0	59.0	21.3	18.9	51.1	52.0	29.7	51.6	30.1	14.0	23.8	39.4	44.4	27.9	49.4	40.5	25.1	15.4	14.4	12.4	18.9	12.4	59.0	30.1
14	30.4	11.0	13.8	17.2	12.1	18.4	29.3	33.3	35.3	24.3	41.1	53.8	52.4	27.0	23.3	14.2	13.2	12.5	14.5	20.8	37.9	37.2	36.4	29.8	11.0	53.8	26.6
15	21.6	23.1	37.7	37.6	26.4	52.7	39.3	37.5	9.6	6.8	7.8	10.0	6.9	7.3	8.6	14.2	27.7	58.0	15.0	16.9	40.6	43.5	49.3	50.5	6.8	58.0	27.0
16	50.3	41.7	58.0	49.6	75.4	56.1	40.8	68.1	45.1	21.8	30.2	42.1	41.6	32.0	33.5	10.7	7.3	19.9	6.7	6.0	9.9	10.3	10.8	4.9	4.9	75.4	32.2
17	34.8	22.4	18.9	9.6	20.5	15.2	6.7	7.9	8.6	10.8	8.2	10.3	14.3	21.3	18.4	13.0	14.2	6.6	19.1	12.9	23.4	21.4	7.7	7.6	6.6	34.8	14.7
18	12.2	14.4	11.6	26.5	42.4	32.0	67.6	43.6	23.0	15.0	16.2	14.5	17.9	16.6	12.2	11.9	19.1	41.4	42.1	38.7	35.4	10.0	13.4	17.2	10.0	67.6	24.8
19	9.5	7.5	10.5	8.6	28.0	17.6	8.7	34.9	10.0	20.1	16.4	44.3	19.1	17.0	22.0	13.2	61.2	44.9	16.2	30.6	28.5	6.9	11.4	13.0	6.9	61.2	20.8
20	6.7	9.9	8.8	8.2	7.7	7.8	5.7	7.0	8.1	18.1	62.3	49.9	44.3	29.3	27.3	20.8	13.7	5.7	4.7	6.2	11.9	22.0	7.3	11.7	4.7	62.3	16.9
21	7.4	3.7	4.1	5.8	9.4	5.7	5.5	9.7	25.7	17.2	46.2	29.6	60.5	11.9	20.6	15.1	7.9	15.0	19.0	9.0	6.2	9.0	16.7	21.2	3.7	60.5	15.9
22	14.9	19.1	64.4	48.3	18.2	33.4	11.1	18.0	51.5	13.5	11.5	11.6	11.2	12.2	9.8	13.9	41.0	66.4	49.7	39.2	21.8	42.9	25.1	40.0	9.8	66.4	28.7
23	37.9	28.5	41.8	39.2	44.0	47.9	41.8	54.1	43.8	41.5	59.1	36.8	38.8	65.1	25.2	18.1	12.0	10.5	8.3	7.2	8.5	12.5	11.9	11.6	7.2	65.1	31.1
24	17.1	16.5	12.5	16.5	10.3	9.3	7.1	12.0	8.6	18.3	12.4	17.3	22.3	26.5	53.1	14.8	16.3	7.3	40.3	19.5	6.8	8.3	10.3	11.8	6.8	53.1	16.5
25	10.7	25.6	12.9	44.0	31.6	28.9	17.7	40.5	61.1	37.6	17.6	17.3	14.1	9.6	29.4	22.8	21.0	18.0	37.7	9.5	23.5	15.0	29.4	12.4	9.5	61.1	24.5
26	10.8	7.9	7.5	7.4	7.9	7.4	7.3	9.5	10.0	7.8	6.9	7.9	8.5	11.6	13.2	11.3	7.9	16.5	25.5	69.1	43.3	52.5	45.2	54.6	6.9	69.1	19.1
27	28.7	21.4	14.1	13.9	8.1	13.4	12.1	13.3	10.7	43.5	50.7	43.4	33.8	42.5	37.1	29.1	8.1	16.1	34.3	5.6	7.6	9.6	15.0	45.5	5.6	50.7	23.2
28	14.3	8.9	17.5	10.4	7.6	9.2	7.4	8.5	9.2	21.7	15.1	15.0	17.3	21.4	20.9	11.4	5.3	33.1	5.8	11.1	3.9	3.1	3.7	7.8	3.1	33.1	12.1
29	4.9	3.1	3.2	9.4	5.1	6.8	8.0	4.0	5.3	12.1	31.7	28.6	18.4	19.0	15.6	13.9	12.5	15.0	6.9	3.0	5.0	4.5	5.1	5.0	3.0	31.7	10.3
30	4.5	3.5	8.4	9.1	4.4	7.0	4.8	6.4	6.1	27.4	18.7	23.1	34.8	-940	14.2	12.5	16.2	8.4	4.7	2.7	8.8	5.3	7.3	4.7	2.7	34.8	10.6
31	6.6	5.0	7.2	6.6	12.6	4.6	5.3	6.0	5.6	12.7	35.1	20.1	28.8	26.4	23.4	10.9	7.0	42.6	10.1	5.6	6.3	9.3	5.8	5.1	4.6	42.6	12.9
Min	4.5	3.1	3.2	5.5	4.4	4.0	4.8	4.0	5.3	6.8	6.9	7.9	6.9	7.3	8.6	8.3	5.3	5.7	3.9	2.7	3.9	3.1	3.7	4.7	2.7		
Max	50.3	41.7	64.4	49.6	75.4	56.1	67.6	68.1	70.4	44.8	67.4	61.3	60.5	65.1	53.1	44.4	61.2	66.4	67.7	69.1	58.6	52.5	49.3	54.6		75.4	
Avg	15.5	13.3	15.7	17.6	18.3	16.9	15.7	18.9	22.6	24.0	32.3	25.7	23.2	21.5	21.3	15.1	19.6	25.1	20.3	15.9	18.1	16.0	15.1	17.0			19.4

Total Data Records Possible: 744  
Total Valid Data Records: 743  
Percent Data Recovery: 99.9

#### 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: December  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 01-06-2009  
Printout Time: 14:37:12  
Output File Name: WWWB1208.17

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	9.7	7.3	9.2	12.4	9.6	8.5	8.1	8.7	5.3	4.7	6.4	10.4	10.7	9.8	7.2	6.6	6.0	6.6	11.1	11.0	10.4	11.5	11.0	11.3	4.7	12.4	8.9
2	11.5	9.9	11.3	11.5	10.4	11.9	9.0	8.2	3.7	6.1	8.6	9.9	10.1	11.6	13.1	12.2	6.6	14.6	14.6	15.3	21.0	25.7	26.0	16.4	3.7	26.0	12.5
3	15.3	14.3	14.8	12.3	11.7	12.4	14.6	10.7	8.3	5.9	7.7	10.6	10.7	12.6	12.1	12.1	8.5	7.3	9.9	14.0	11.5	9.6	9.5	6.6	5.9	15.3	10.9
4	9.0	9.7	9.0	10.4	8.4	9.3	9.6	10.3	7.4	3.9	3.1	6.5	9.1	9.3	6.2	4.1	4.3	7.8	8.7	7.8	8.5	6.8	8.9	8.6	3.1	10.4	7.8
5	8.9	9.6	8.6	7.9	10.4	10.4	10.0	7.7	5.2	8.3	8.3	6.4	9.9	8.1	7.9	6.2	6.8	8.3	10.7	10.4	8.3	8.8	9.2	8.4	5.2	10.7	8.5
6	6.7	10.3	7.2	7.8	9.1	10.9	11.0	10.5	6.1	3.9	4.9	7.6	8.8	10.2	10.3	8.8	7.1	4.9	8.3	8.8	7.7	7.4	7.8	7.4	3.9	11.0	8.1
7	9.2	7.2	9.6	10.2	7.4	7.8	8.8	9.4	7.8	6.7	7.5	8.1	8.8	6.6	20.2	9.9	10.4	25.8	29.0	30.4	30.9	38.5	37.2	34.9	6.6	38.5	15.9
8	39.2	36.8	35.1	36.7	34.8	38.8	36.8	37.3	40.5	37.9	38.2	38.6	36.8	36.5	47.4	46.7	45.7	45.6	39.5	39.6	25.6	24.4	18.1	24.5	18.1	47.4	36.7
9	29.5	15.1	16.7	22.7	41.0	31.6	35.3	32.2	15.9	15.1	11.2	16.8	17.7	20.4	15.0	14.8	16.1	22.7	12.5	17.2	10.1	7.4	8.6	9.0	7.4	41.0	18.9
10	9.3	9.7	8.9	10.4	10.7	8.9	9.2	9.6	5.6	3.4	5.5	7.3	10.3	10.6	10.9	10.6	6.6	6.5	6.9	9.2	9.2	9.5	12.1	12.4	3.4	12.4	8.9
11	9.8	9.8	8.8	12.0	10.8	8.8	10.5	9.3	7.5	4.4	6.0	6.5	7.2	5.5	5.6	5.6	3.1	6.4	8.3	10.7	9.4	9.5	10.2	9.5	3.1	12.0	8.1
12	10.7	10.0	10.3	10.7	9.7	9.5	11.7	10.9	9.0	6.7	7.0	8.3	8.9	12.4	11.8	13.0	12.1	10.4	7.2	9.8	20.5	23.9	20.2	17.6	6.7	23.9	11.8
13	34.5	31.8	29.2	27.2	39.9	42.2	36.5	13.5	13.4	18.6	11.0	20.1	19.7	37.9	37.1	30.5	39.7	38.7	24.5	46.5	48.0	31.2	44.9	40.3	11.0	48.0	31.5
14	42.3	40.0	33.7	33.1	30.8	26.1	15.8	8.0	8.7	8.0	7.4	9.9	9.9	21.2	21.1	18.0	18.9	19.8	20.2	17.0	11.3	8.6	3.3	10.8	3.3	42.3	18.5
15	15.3	12.8	9.0	14.4	7.1	4.8	4.4	3.9	5.8	9.1	11.6	10.6	13.6	13.4	16.1	10.2	5.8	6.3	8.3	8.3	9.0	7.0	6.4	6.9	3.9	16.1	9.2
16	8.8	7.2	8.7	4.1	6.3	22.7	26.2	6.5	3.3	4.9	6.4	6.7	11.4	14.0	10.9	17.4	8.6	7.8	6.4	9.1	9.3	6.4	7.4	7.2	3.3	26.2	9.5
17	6.6	4.6	6.7	5.6	6.4	6.2	10.2	10.7	11.2	13.7	16.4	13.7	10.8	9.9	13.7	12.3	11.3	11.0	5.5	6.6	5.0	7.4	8.3	9.6	4.6	16.4	9.3
18	6.4	6.7	6.9	4.7	5.5	20.1	16.3	8.3	9.1	12.7	13.1	13.1	10.9	11.9	14.5	10.1	6.4	7.1	4.5	6.0	7.2	7.5	8.4	7.9	4.5	20.1	9.4
19	7.2	9.0	8.2	10.3	12.1	12.7	13.1	9.4	7.8	5.1	5.3	9.9	10.2	12.0	9.9	9.4	15.1	16.4	18.6	15.6	6.6	10.3	9.6	10.1	5.1	18.6	10.6
20	10.4	8.5	9.1	9.2	11.8	10.7	10.2	9.1	7.5	4.6	2.8	3.5	7.6	9.1	7.2	6.7	6.4	10.9	10.4	8.1	7.4	7.6	8.1	8.0	2.8	11.8	8.1
21	9.0	8.2	11.3	11.4	8.5	10.5	8.6	9.1	6.2	5.0	6.4	8.0	6.9	8.6	8.4	4.2	5.0	3.9	8.0	9.7	10.0	8.6	10.4	10.0	3.9	11.4	8.2
22	9.3	10.2	7.1	7.8	8.8	6.9	8.0	9.7	7.6	9.0	15.9	15.1	14.3	17.7	17.3	15.6	11.6	13.8	31.7	25.5	23.8	33.0	37.7	20.5	6.9	37.7	15.7
23	19.7	16.7	16.5	11.8	12.9	11.3	9.4	9.2	7.0	11.0	9.0	10.4	11.9	8.2	24.3	22.0	21.5	25.5	23.5	21.0	16.9	13.7	15.4	12.2	7.0	25.5	15.0
24	9.8	9.5	9.1	9.1	7.3	6.9	7.6	7.1	8.3	6.9	5.2	5.1	3.2	3.9	5.8	3.1	4.5	2.7	4.4	3.8	8.0	5.5	7.7	9.6	2.7	9.8	6.4
25	8.5	7.9	6.6	5.8	8.0	8.0	5.0	3.8	4.5	6.4	14.3	14.0	18.2	19.3	14.6	13.8	50.3	50.9	51.9	50.6	44.6	42.0	41.1	54.1	3.8	54.1	22.7
26	45.6	50.3	46.0	45.3	43.9	41.6	39.1	38.3	37.9	39.2	38.6	31.8	25.4	21.7	18.7	16.1	12.9	8.0	8.7	8.6	10.4	6.9	8.6	7.3	6.9	50.3	27.1
27	9.4	8.9	9.0	10.1	10.1	9.5	9.1	10.1	9.1	5.2	4.6	10.1	7.0	7.1	7.6	6.1	6.1	5.2	7.0	8.7	9.5	10.5	12.1	8.3	4.6	12.1	8.3
28	7.9	8.3	9.0	6.6	8.1	7.2	7.8	7.3	5.2	3.5	6.4	7.4	7.5	7.4	7.3	6.8	5.3	2.7	5.0	7.2	8.3	8.5	8.6	8.6	2.7	9.0	7.0
29	8.5	8.0	9.2	7.4	9.3	8.8	9.6	8.4	6.4	4.7	2.6	7.2	7.2	8.3	7.9	7.2	3.0	7.7	7.5	9.3	10.4	9.1	9.9	12.3	2.6	12.3	7.9
30	9.4	10.4	9.4	9.3	10.6	10.9	8.7	10.0	6.3	2.2	4.0	6.1	6.8	-940	8.8	6.2	6.2	6.6	8.3	9.4	9.7	11.3	7.5	9.7	2.2	11.3	8.2
31	10.2	11.4	10.4	9.4	9.6	11.3	8.9	8.6	7.9	7.7	3.0	4.2	5.3	5.9	6.9	6.4	5.0	7.0	8.4	7.2	10.2	9.2	10.3	11.7	3.0	11.7	8.2
Min	6.4	4.6	6.6	4.1	5.5	4.8	4.4	3.8	3.3	2.2	2.6	3.5	3.2	3.9	5.6	3.1	3.0	2.7	4.4	3.8	5.0	5.5	3.3	6.6	2.2		
Max	45.6	50.3	46.0	45.3	43.9	42.2	39.1	38.3	40.5	39.2	38.6	38.6	36.8	37.9	47.4	46.7	50.3	50.9	51.9	50.6	48.0	42.0	44.9	54.1		54.1	
Avg	14.4	13.5	13.1	13.1	13.9	14.4	13.8	11.5	9.5	9.2	9.6	11.1	11.5	13.0	13.7	12.0	12.2	13.5	13.9	14.9	14.1	13.8	14.3	13.9			12.8

Total Data Records Possible: 744  
Total Valid Data Records: 743  
Percent Data Recovery: 99.9

#### 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: November  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 12-02-2008  
Printout Time: 11:59:57  
Output File Name: WWWB1108.7

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

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

#### Missing Data Codes

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-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