

# White Water Wash Meteorological Data

August 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: August  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 09-04-2008  
Printout Time: 13:28:12  
Output File Name: WWWB0808.9

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	24.3	13.7	16.5	20.1	16.4	19.2	16.1	9.6	3.5	6.0	5.8	5.2	11.4	15.0	19.6	22.2	24.9	26.1	25.2	22.8	22.1	22.9	23.3	20.7	3.5	26.1	17.2
2	20.3	19.7	12.7	15.5	9.3	4.3	11.9	8.7	7.0	6.2	6.0	4.9	7.6	9.2	10.3	10.0	9.6	6.9	8.8	13.0	13.4	9.9	8.3	7.4	4.3	20.3	10.0
3	5.8	5.2	4.3	4.4	5.7	6.0	3.0	4.4	8.1	8.9	8.1	9.0	8.0	7.3	5.6	6.5	4.2	4.3	3.6	6.3	17.2	17.4	13.5	13.5	3.0	17.4	7.5
4	10.1	7.4	3.5	3.6	5.3	3.8	4.1	2.9	3.8	2.7	4.2	9.0	9.3	10.3	12.0	7.8	4.3	4.2	2.6	6.9	15.9	20.0	20.3	18.5	2.6	20.3	8.0
5	19.2	17.6	14.8	16.5	16.7	12.9	16.2	5.0	4.2	4.8	5.4	4.2	5.9	7.3	6.3	16.9	21.0	23.2	23.4	24.2	24.7	23.9	21.3	22.8	4.2	24.7	14.9
6	25.0	20.8	19.4	14.9	15.0	14.9	16.8	17.2	11.2	7.6	8.8	6.2	7.7	6.6	4.1	12.4	17.9	21.0	21.6	21.7	23.1	22.7	23.0	24.5	4.1	25.0	16.0
7	21.3	20.7	21.9	22.0	24.1	21.3	22.2	20.0	13.4	11.1	5.5	7.1	8.5	5.6	5.8	3.8	2.8	6.0	4.0	6.1	13.3	17.0	19.4	19.7	2.8	24.1	13.4
8	15.9	9.7	4.7	4.2	5.8	5.0	4.0	2.8	5.8	7.3	7.6	6.9	7.1	10.8	8.8	9.8	8.7	6.2	8.6	13.8	22.8	17.5	15.3	15.7	2.8	22.8	9.4
9	14.1	12.9	15.0	15.8	16.5	13.9	11.3	7.4	3.5	2.7	3.3	5.2	14.1	15.9	20.2	24.5	25.6	27.3	27.5	27.8	26.4	25.3	26.0	23.5	2.7	27.8	16.9
10	18.3	24.0	23.0	20.4	14.8	13.6	10.4	5.8	6.1	4.2	4.2	4.5	6.0	16.9	22.2	26.8	27.6	27.8	28.7	29.1	28.4	26.0	22.5	23.0	4.2	29.1	18.1
11	24.7	24.8	23.6	22.5	20.3	14.6	11.8	8.5	10.3	8.5	4.1	3.4	6.1	7.6	12.6	17.8	20.5	21.3	21.9	23.6	22.2	23.1	21.9	24.2	3.4	24.8	16.7
12	21.4	17.2	19.5	20.8	17.8	12.2	13.0	14.7	10.3	5.5	9.5	9.3	6.0	5.9	7.9	8.5	10.1	8.7	9.4	18.2	20.4	20.4	20.7	16.6	5.5	21.4	13.5
13	16.3	10.2	6.7	6.0	3.5	4.7	4.9	3.7	2.8	5.5	9.5	9.1	6.0	4.4	4.8	6.2	7.8	5.8	3.6	2.9	7.2	12.3	14.5	13.7	2.8	16.3	7.2
14	11.3	14.9	10.6	7.3	9.7	4.7	4.4	10.0	12.2	9.7	7.4	3.5	5.6	4.6	11.9	11.6	10.6	8.8	8.4	5.8	6.9	3.4	6.1	15.1	3.4	15.1	8.5
15	15.6	12.9	16.1	18.3	16.6	16.7	13.0	8.5	6.0	7.8	6.3	6.1	4.3	5.4	8.9	12.9	21.2	23.4	26.5	24.9	22.2	23.2	23.1	22.9	4.3	26.5	15.1
16	18.9	19.0	16.9	21.3	18.8	18.0	19.8	8.8	5.2	4.0	4.5	6.7	6.0	6.2	8.0	18.1	21.7	24.1	24.7	26.0	25.0	23.8	23.1	19.7	4.0	26.0	16.2
17	20.0	13.4	14.9	16.3	11.1	11.1	11.8	3.4	3.7	6.6	6.2	5.9	6.0	7.8	12.4	20.6	21.4	24.0	24.0	24.6	22.5	23.1	23.1	21.4	3.4	24.6	14.8
18	22.5	20.8	19.8	22.1	18.5	15.8	14.6	15.4	13.2	11.6	10.0	12.0	14.5	19.9	23.0	25.9	25.6	26.3	25.2	24.0	24.3	25.7	21.7	21.7	10.0	26.3	19.8
19	21.1	21.3	20.3	17.5	17.0	15.4	15.8	11.1	19.1	20.0	18.6	15.6	20.3	19.9	17.3	21.0	24.6	24.2	26.4	27.4	30.2	28.3	28.6	28.8	11.1	30.2	21.2
20	28.7	24.5	23.5	18.0	15.7	18.5	16.2	15.8	14.0	9.6	10.0	8.9	12.3	15.0	13.9	17.5	21.4	21.3	23.2	25.0	27.1	25.8	24.6	21.8	8.9	28.7	18.8
21	18.9	18.8	19.1	18.1	16.0	15.6	14.9	14.4	12.5	6.3	5.2	4.2	6.1	6.8	8.5	11.9	20.0	22.3	24.4	25.5	28.0	26.6	22.3	20.8	4.2	28.0	16.1
22	14.4	15.2	13.6	9.7	5.5	9.2	4.7	5.2	6.2	5.2	4.5	5.0	5.6	6.3	6.4	6.7	16.3	19.5	21.2	21.2	19.6	16.0	10.4	12.1	4.5	21.2	10.8
23	15.8	10.9	12.5	8.9	7.9	7.3	6.8	4.8	3.0	3.4	5.3	7.6	7.0	7.2	9.0	9.1	7.6	5.9	8.6	15.5	17.8	18.5	16.5	15.9	3.0	18.5	9.7
24	12.8	10.3	7.6	5.7	6.3	7.4	5.9	2.5	8.0	8.9	8.0	5.2	5.1	6.2	6.7	8.4	9.8	6.5	4.1	3.0	4.4	8.8	13.1	13.3	2.5	13.3	7.4
25	7.1	6.6	13.0	10.3	3.0	1.1	0.9	2.6	6.9	5.9	7.5	7.4	5.2	5.1	8.3	8.3	11.4	9.8	5.5	6.4	9.7	16.7	16.6	14.1	0.9	16.7	7.9
26	13.6	16.8	10.8	6.1	1.7	1.4	1.0	3.3	6.6	8.4	9.3	6.8	7.9	9.0	8.3	9.1	9.9	10.6	8.8	6.8	3.0	5.3	10.4	11.4	1.0	16.8	7.8
27	12.9	12.6	7.9	9.1	7.1	6.0	6.7	4.8	2.1	4.3	4.4	5.4	5.8	5.0	4.9	19.6	22.2	22.1	22.8	22.3	14.4	12.0	12.9	14.4	2.1	22.8	10.9
28	15.3	13.8	11.7	8.3	6.9	3.6	4.3	2.9	5.3	5.5	4.6	3.5	4.1	4.6	9.6	9.4	11.3	8.9	7.1	2.9	3.3	5.8	4.7	7.0	2.9	15.3	6.9
29	9.9	18.0	19.8	11.6	3.2	3.7	3.4	7.1	7.6	8.6	11.2	10.4	8.8	8.9	9.2	10.4	6.8	3.9	3.2	3.2	5.3	7.9	11.4	9.0	3.2	19.8	8.4
30	10.0	6.8	8.3	5.3	6.1	8.3	4.5	8.4	7.1	9.7	12.4	16.3	10.1	11.9	7.4	4.5	3.5	3.7	8.0	8.5	4.4	5.1	5.4	7.9	3.5	16.3	7.7
31	8.2	6.9	3.4	1.3	2.0	2.6	2.8	4.2	5.4	7.0	9.1	10.1	9.4	9.0	8.0	7.7	9.2	20.4	22.4	23.6	25.3	23.4	22.0	19.6	1.3	25.3	11.0
Min	5.8	5.2	3.4	1.3	1.7	1.1	0.9	2.5	2.1	2.7	3.3	3.4	4.1	4.4	4.1	3.8	2.8	3.7	2.6	2.9	3.0	3.4	4.7	7.0	0.9		
Max	28.7	24.8	23.6	22.5	24.1	21.3	22.2	20.0	19.1	20.0	18.6	16.3	20.3	19.9	23.0	26.8	27.6	27.8	28.7	29.1	30.2	28.3	28.6	28.8		30.2	
Avg	16.6	15.1	14.0	13.0	11.1	10.1	9.6	7.9	7.5	7.2	7.3	7.2	8.0	9.1	10.4	13.1	14.8	15.3	15.6	16.5	17.8	18.0	17.6	17.4			12.5

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: August  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 09-04-2008  
 Printout Time: 13:28:13  
 Output File Name: WWWB0808.10

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	297	290	293	312	312	315	317	233	210	245	218	222	302	310	303	303	299	301	302	304	301	302	301	299	[WNW]
2	297	295	280	297	303	225	116	131	143	136	147	170	155	148	149	141	141	141	318	308	305	318	308	333	[SE ]
3	336	341	348	338	309	307	303	143	144	136	136	146	146	154	143	149	142	162	164	5	304	302	303	302	[SE ]
4	307	313	13	0	320	336	317	61	107	8	161	151	142	147	146	117	162	266	89	274	310	303	303	298	[NW ]
5	301	305	306	308	299	295	298	229	196	152	140	156	137	151	142	310	306	306	304	302	301	300	299	300	[WNW]
6	297	294	296	306	317	311	300	300	300	152	142	135	143	150	187	294	301	304	303	305	301	303	301	297	[WNW]
7	298	299	301	308	299	299	303	301	275	114	172	350	354	219	168	126	119	175	107	248	311	304	300	295	[WNW]
8	294	298	43	74	329	356	327	144	125	124	145	149	136	151	141	153	145	118	116	314	302	293	302	303	[SE ]
9	300	310	307	306	302	306	302	297	168	190	155	210	309	314	305	300	302	301	303	304	303	302	304	300	[WNW]
10	304	306	296	287	289	289	261	186	160	148	152	176	207	297	305	304	302	301	301	302	302	302	301	303	[WNW]
11	299	295	297	301	296	280	266	244	276	264	207	220	288	295	298	306	302	303	302	299	302	299	301	300	[WNW]
12	296	296	316	315	309	304	308	308	280	184	140	132	142	109	134	142	134	124	290	300	301	302	299	300	[WNW]
13	305	301	322	349	301	345	337	303	225	154	139	138	147	189	111	156	151	152	149	240	318	304	308	302	[SSE]
14	304	311	315	331	329	322	43	133	142	135	150	205	310	29	140	127	117	123	131	143	162	189	265	308	[SE ]
15	308	301	305	308	309	305	298	308	120	140	144	160	122	113	158	310	303	300	300	302	303	300	301	300	[WNW]
16	299	296	285	296	295	305	306	255	203	196	168	160	141	143	309	306	304	306	306	306	305	305	300	292	[NW ]
17	293	278	298	297	288	312	315	231	201	143	142	171	138	270	303	303	304	305	304	303	307	305	301	300	[WNW]
18	300	298	295	296	290	288	291	297	291	289	286	301	304	304	303	300	302	301	303	310	304	300	299	299	[WNW]
19	300	303	303	304	288	286	286	250	295	294	302	309	309	308	312	306	302	300	302	304	303	302	299	297	[WNW]
20	297	295	292	282	301	307	303	301	291	294	299	293	308	308	310	304	302	301	303	301	300	301	301	302	[WNW]
21	315	326	315	315	318	316	309	293	289	236	194	163	150	133	147	270	303	301	301	301	299	300	299	296	[WNW]
22	298	290	286	268	283	306	275	229	167	150	149	166	162	111	96	119	304	302	301	300	302	314	355	323	[WNW]
23	310	314	311	340	332	348	332	259	248	216	164	150	132	136	143	135	144	145	326	303	301	300	305	308	[NW ]
24	322	325	317	313	342	348	336	238	127	145	145	137	149	162	141	127	124	140	158	187	281	290	306	316	[SE ]
25	314	84	109	119	83	88	250	113	140	128	140	142	175	172	140	144	127	130	147	127	122	116	111	126	[SE ]
26	118	116	116	111	214	138	69	131	123	128	122	152	140	131	133	139	136	126	124	116	124	286	301	308	[SE ]
27	305	302	332	0	350	339	308	309	42	160	153	153	140	149	165	298	298	302	298	298	284	291	298	298	[WNW]
28	307	303	312	354	357	322	355	312	144	145	144	223	137	185	145	146	120	128	143	193	257	324	0	95	[SE ]
29	115	116	121	119	261	288	192	312	287	170	129	126	144	131	138	128	146	163	172	109	11	318	311	310	[SE ]
30	306	315	343	340	20	161	46	340	80	192	138	130	114	132	116	144	171	131	133	119	130	141	150	115	[SE ]
31	111	126	151	192	357	350	10	136	158	145	144	142	143	139	147	152	197	306	305	306	305	303	301	306	[SE ]

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

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- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Validation Level: B  
Printout Date: 09-04-2008  
Printout Time: 13:28:13  
Output File Name: WWWB0808.10t

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Total Data Records Possible: 744
Total Valid Data Records: 744
Percent Data Recovery: 100.0
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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: August  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 09-04-2008  
 Printout Time: 13:28:13  
 Output File Name: WWWB0808.11

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	8.4	12.3	11.1	10.0	8.6	8.8	17.2	17.1	36.2	35.3	35.1	39.7	24.5	15.6	11.2	9.5	8.4	7.5	8.9	8.8	8.5	7.9	8.8	8.0	7.5	39.7	15.3
2	7.3	7.0	14.7	10.3	17.3	27.4	10.5	12.4	15.3	19.7	25.5	26.8	23.4	16.0	14.6	17.9	10.6	11.5	31.6	11.1	10.1	38.4	14.0	14.9	7.0	38.4	17.0
3	13.3	12.1	15.5	13.5	9.3	6.4	15.9	52.3	16.4	17.1	17.5	22.8	24.4	19.4	15.3	12.8	22.1	18.4	10.9	27.5	9.6	7.4	8.1	7.8	6.4	52.3	16.5
4	9.1	38.3	24.7	41.1	9.8	8.0	7.9	41.7	33.6	61.8	52.6	16.3	10.6	10.8	11.0	16.4	15.5	25.2	25.7	16.4	8.9	7.8	6.8	7.3	6.8	61.8	21.1
5	6.8	7.3	7.8	8.2	7.0	11.8	15.4	25.1	22.9	22.1	24.6	38.3	28.5	27.2	38.7	17.0	11.0	11.4	8.2	8.9	7.2	7.1	7.3	7.0	6.8	38.7	15.7
6	7.3	7.3	7.3	8.3	8.1	7.5	7.3	7.1	17.0	17.8	14.8	25.0	23.4	27.4	49.8	16.2	11.9	8.4	8.5	10.2	8.7	8.4	8.2	7.2	7.1	49.8	13.5
7	7.7	7.7	7.1	7.1	6.5	6.5	6.4	6.8	24.0	9.1	23.3	15.6	16.6	21.3	15.9	21.2	36.9	9.4	21.4	36.7	11.7	7.5	6.9	7.5	6.4	36.9	14.2
8	8.5	14.5	25.8	32.9	12.1	8.0	10.7	49.2	24.6	25.3	20.8	30.1	25.1	16.6	15.8	13.2	13.6	29.4	26.5	46.9	8.2	9.6	9.2	7.8	7.8	49.2	20.2
9	7.1	7.2	6.8	7.3	8.1	8.6	9.7	19.7	53.5	51.6	48.1	48.0	19.8	13.6	14.6	9.8	9.6	8.2	7.8	7.1	8.7	8.5	8.4	9.9	6.8	53.5	16.7
10	12.9	9.1	9.0	8.8	10.4	13.8	15.7	11.8	12.8	27.4	37.7	32.1	48.4	30.7	11.9	10.0	8.5	8.9	8.7	7.7	7.1	9.4	10.6	9.8	7.1	48.4	15.5
11	8.3	7.9	7.8	8.2	8.4	20.5	26.2	19.0	18.2	27.7	45.4	42.7	43.4	38.4	18.0	10.9	8.1	9.2	8.7	7.4	7.3	7.2	7.5	7.1	7.1	45.4	17.2
12	7.6	8.4	10.4	6.5	6.6	8.6	9.1	8.5	20.5	23.0	15.4	15.8	25.6	29.7	20.4	16.6	13.6	10.9	44.1	9.0	7.4	6.9	7.0	7.6	6.5	44.1	14.1
13	8.3	8.1	22.3	12.3	22.4	5.4	8.2	10.0	25.5	12.7	11.4	14.0	26.1	33.3	34.8	17.7	12.4	9.6	7.5	22.7	12.1	8.8	6.5	6.9	5.4	34.8	15.0
14	6.9	7.1	8.8	9.8	10.0	10.7	18.0	10.9	11.8	17.0	21.3	52.1	37.2	48.8	16.1	10.8	11.4	10.5	10.7	15.2	12.9	52.8	35.8	7.0	6.9	52.8	18.9
15	6.5	6.7	7.3	8.4	7.6	7.4	9.0	17.9	37.3	13.0	19.4	24.5	61.1	50.4	33.4	34.0	9.6	8.1	8.1	9.0	10.5	7.1	7.4	7.1	6.5	61.1	17.1
16	7.4	8.4	8.9	9.9	9.1	9.4	8.6	28.7	16.0	54.2	44.6	25.2	44.1	30.5	58.8	15.4	11.1	9.5	10.2	9.9	11.5	8.7	10.8	9.5	7.4	58.8	19.2
17	9.3	8.7	9.9	8.5	8.1	9.6	17.5	19.7	25.5	18.8	22.9	28.8	37.9	48.1	21.5	10.2	10.8	8.9	8.4	8.6	9.8	9.9	9.4	10.4	8.1	48.1	15.9
18	8.1	8.6	8.2	7.7	9.8	9.3	9.8	9.2	13.7	18.3	25.9	22.4	18.3	11.7	10.9	9.0	8.0	8.1	8.6	12.7	9.3	8.3	11.6	9.6	7.7	25.9	11.5
19	9.9	10.9	10.6	11.9	14.8	13.6	12.7	25.0	10.5	10.8	13.8	21.3	14.7	13.2	18.7	13.2	9.8	7.7	8.4	8.5	8.4	8.5	8.9	8.7	7.7	25.0	12.3
20	8.9	9.7	8.8	10.6	9.5	9.2	9.0	11.4	10.7	20.6	22.2	38.0	26.2	15.8	17.5	14.7	9.1	7.8	8.0	7.6	6.7	6.8	7.0	7.3	6.7	38.0	12.6
21	8.5	7.3	7.1	6.9	7.3	7.4	7.4	10.6	10.8	24.0	23.4	58.0	32.7	26.8	16.5	34.9	8.6	8.3	8.2	7.2	6.7	6.8	6.9	7.3	6.7	58.0	14.6
22	10.0	10.5	12.0	30.6	22.4	15.8	24.0	17.6	15.6	20.0	31.1	33.0	34.7	35.8	37.8	51.6	12.3	8.6	7.9	7.7	7.2	9.5	11.1	11.0	7.2	51.6	19.9
23	7.4	8.1	7.1	12.7	7.8	9.5	12.8	17.5	28.7	32.9	28.4	19.1	22.8	22.0	15.7	18.6	14.6	10.7	29.9	8.5	7.7	6.9	6.5	7.1	6.5	32.9	15.1
24	8.3	10.3	9.8	24.3	15.9	10.6	13.1	37.5	12.6	14.7	14.6	28.5	28.1	20.7	16.8	10.9	12.2	14.7	40.0	64.0	26.0	12.4	7.1	7.1	7.1	64.0	19.2
25	13.0	14.0	8.1	9.9	21.5	26.5	44.5	50.9	19.3	32.3	18.0	23.4	33.8	38.3	17.9	14.3	11.4	11.3	10.6	15.8	9.9	9.7	8.4	9.6	8.1	50.9	19.7
26	8.8	9.5	10.8	12.6	42.7	18.6	44.3	27.4	23.3	20.7	20.7	26.2	21.8	22.9	21.8	16.5	12.7	10.2	9.4	7.7	14.3	28.3	6.8	7.7	6.8	44.3	18.6
27	7.2	7.3	15.6	11.2	12.7	10.6	9.6	13.9	38.0	32.1	31.9	29.2	21.6	28.0	39.5	10.1	8.6	9.9	7.8	8.3	12.2	13.6	10.0	7.6	7.2	39.5	16.5
28	7.8	8.3	8.4	10.3	21.9	20.6	15.8	27.1	19.5	24.2	48.7	39.0	42.9	50.5	14.4	14.2	10.1	9.6	12.1	18.9	24.0	28.4	24.0	12.6	7.8	50.5	21.4
29	8.1	8.7	9.6	12.9	26.7	14.6	20.0	14.6	17.6	15.1	10.8	14.2	17.8	20.4	14.4	11.6	11.9	9.2	5.2	11.1	9.1	10.0	7.8	7.6	5.2	26.7	12.9
30	7.8	39.0	10.4	12.6	20.8	12.6	45.0	22.8	22.4	12.9	16.4	11.8	17.3	13.2	18.2	28.8	30.9	24.2	10.1	9.2	12.7	13.1	10.2	8.7	7.8	45.0	18.0
31	8.1	7.9	11.2	40.9	15.0	9.9	26.5	22.8	23.1	20.6	18.5	16.4	16.4	19.3	20.7	17.2	48.8	13.8	10.5	9.4	8.7	9.5	8.5	8.3	7.9	48.8	17.2
Min	6.5	6.7	6.8	6.5	6.5	5.4	6.4	6.8	10.5	9.1	10.8	11.8	10.6	10.8	10.9	9.0	8.0	7.5	5.2	7.1	6.7	6.8	6.5	6.9	5.2		
Max	13.3	39.0	25.8	41.1	42.7	27.4	45.0	52.3	53.5	61.8	52.6	58.0	61.1	50.5	58.8	51.6	48.8	29.4	44.1	64.0	26.0	52.8	35.8	14.9	64.0		
Avg	8.5	10.9	11.1	13.7	13.5	11.8	16.4	21.5	21.8	24.3	26.0	28.3	28.0	26.3	22.0	16.9	14.0	11.6	14.0	14.8	10.4	12.4	9.9	8.5			16.5

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: August  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 09-04-2008  
Printout Time: 13:28:14  
Output File Name: WWWB0808.17

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	42.2	26.1	32.9	38.1	27.1	30.8	27.5	28.4	10.1	15.1	13.7	24.5	21.9	28.3	31.4	32.2	35.1	37.8	40.1	36.0	35.0	34.6	36.6	31.6	10.1	42.2	29.9
2	28.9	28.7	29.7	26.6	21.0	12.6	20.5	16.1	13.9	11.7	11.1	10.5	14.0	14.5	18.7	16.7	15.7	12.1	16.6	24.9	24.5	18.8	16.7	13.8	10.5	29.7	18.3
3	11.0	7.8	7.6	7.2	7.7	8.5	6.0	12.0	14.0	15.8	16.0	15.9	15.6	15.0	9.6	10.4	8.6	7.5	7.3	22.1	28.8	27.5	21.5	20.6	6.0	28.8	13.5
4	17.0	15.0	6.5	6.1	6.5	6.7	6.7	6.9	8.4	8.6	11.6	14.2	14.2	16.5	21.3	19.0	7.6	8.0	5.9	14.8	27.9	29.5	29.1	26.4	5.9	29.5	13.9
5	27.3	25.1	23.2	24.8	26.7	22.9	26.2	13.6	8.3	9.2	11.0	11.3	13.3	13.1	14.8	34.0	36.0	34.9	34.7	38.5	36.0	35.2	32.6	32.2	8.3	38.5	24.4
6	34.8	30.8	28.9	26.2	23.2	24.5	25.5	25.9	21.4	13.0	14.8	14.1	14.3	14.4	14.5	26.2	28.1	32.7	34.6	35.5	37.3	33.7	35.2	34.1	13.0	37.3	26.0
7	32.6	30.0	32.2	31.3	34.0	29.2	31.2	27.8	24.5	18.0	12.7	17.2	15.0	9.7	10.6	7.9	7.7	9.1	6.7	20.3	23.5	24.8	28.1	28.0	6.7	34.0	21.3
8	26.8	17.8	17.4	7.9	10.1	6.7	5.8	8.6	12.1	14.4	16.4	15.0	16.1	17.8	15.4	14.4	14.5	14.1	18.2	33.9	35.7	28.1	26.4	23.5	5.8	35.7	17.4
9	22.2	21.1	24.0	23.7	25.2	23.3	17.8	14.3	9.9	7.9	8.9	16.8	26.8	27.5	32.8	37.7	42.7	38.9	41.4	43.3	40.0	40.4	41.3	38.6	7.9	43.3	27.8
10	31.8	38.3	37.7	33.5	26.9	29.1	24.1	9.6	10.7	8.2	9.4	9.8	21.4	35.3	33.5	40.5	39.9	41.5	42.6	44.1	41.9	40.5	37.0	36.3	8.2	44.1	30.2
11	38.2	38.2	34.0	39.3	32.2	27.8	26.1	21.9	22.2	19.3	10.4	8.6	17.2	19.1	22.6	26.1	30.3	31.4	34.5	33.5	33.3	34.9	32.3	35.4	8.6	39.3	27.9
12	33.8	27.5	28.3	29.6	26.7	21.7	21.1	23.8	20.2	10.2	15.1	14.8	13.2	12.6	13.7	13.7	15.3	15.1	23.6	31.6	31.6	30.0	29.2	26.4	10.2	33.8	22.0
13	26.4	17.7	11.9	10.2	5.6	6.6	7.6	6.4	6.4	9.0	15.3	14.6	11.6	9.9	10.8	10.2	12.0	9.1	5.8	6.1	12.8	18.9	19.3	20.0	5.6	26.4	11.8
14	16.5	22.6	23.8	13.6	15.4	9.6	18.3	20.1	22.2	17.1	15.9	10.2	11.7	10.6	22.6	15.8	16.4	13.4	13.7	12.4	12.3	6.6	15.6	23.5	6.6	23.8	15.8
15	22.4	20.0	24.4	29.1	25.4	25.6	20.5	15.0	12.3	13.3	10.4	12.2	9.9	12.6	18.4	33.3	32.7	35.8	41.4	40.8	37.3	35.2	33.9	34.2	9.9	41.4	24.8
16	29.2	29.4	26.9	33.0	33.0	32.8	28.5	24.0	8.8	8.3	9.5	12.0	12.4	12.2	27.9	32.9	34.8	36.3	39.2	44.1	41.3	38.1	37.9	31.1	8.3	44.1	27.6
17	35.5	26.8	24.3	25.8	18.6	19.8	19.4	9.0	9.3	12.1	12.3	11.3	13.7	21.0	30.2	33.1	32.7	36.4	41.0	36.2	35.3	36.0	40.4	35.8	9.0	41.0	25.7
18	34.4	29.8	29.7	32.7	30.8	27.0	28.1	27.3	22.9	21.2	19.3	22.9	31.1	32.4	35.1	38.9	36.5	41.3	41.7	40.2	39.5	37.9	38.7	34.8	19.3	41.7	32.3
19	35.4	37.3	35.0	30.3	32.5	28.7	28.2	27.9	30.1	32.2	30.7	30.0	33.1	31.6	30.3	39.4	39.7	38.9	42.9	44.1	44.6	45.8	46.7	46.7	27.9	46.7	35.9
20	45.7	40.3	36.2	38.1	27.7	29.4	26.6	24.3	21.5	20.4	19.3	20.3	22.9	25.0	24.2	30.8	34.9	31.9	35.8	40.8	41.8	36.5	35.4	31.4	19.3	45.7	30.9
21	29.7	25.6	29.1	27.2	24.8	22.5	27.5	23.8	19.5	13.5	10.5	11.9	13.1	14.8	14.5	27.8	28.4	35.7	36.2	36.5	40.4	38.9	31.8	30.9	10.5	40.4	25.6
22	25.7	27.0	24.0	26.9	17.4	20.2	14.4	9.4	11.3	10.1	10.1	12.1	12.9	12.5	13.4	16.6	28.6	30.4	31.7	32.9	32.5	27.8	18.6	19.7	9.4	32.9	20.3
23	25.1	22.6	18.3	16.1	13.1	11.3	12.5	8.4	6.1	11.0	12.3	12.8	17.1	12.7	14.2	14.7	12.9	9.1	21.1	23.5	27.1	27.3	24.1	23.7	6.1	27.3	16.5
24	19.0	18.9	13.4	10.6	9.6	10.3	10.4	5.7	13.6	14.8	13.4	11.3	10.2	11.8	12.4	12.4	15.0	12.7	7.2	7.2	7.8	18.3	20.0	19.1	5.7	20.0	12.7
25	15.1	16.2	19.1	19.7	9.9	3.1	3.0	8.2	12.1	13.7	17.1	14.9	12.0	14.9	14.3	19.0	17.9	15.2	11.2	15.3	28.7	31.3	27.0	25.1	3.0	31.3	16.0
26	21.8	28.1	19.8	13.0	3.4	4.8	4.0	8.4	13.7	16.6	16.7	14.5	18.9	16.0	16.1	15.1	15.9	17.0	13.7	10.8	8.1	12.2	15.9	17.8	3.4	28.1	14.3
27	19.6	18.8	15.9	14.2	11.6	10.0	12.4	8.4	6.1	8.4	9.2	12.1	13.1	11.8	11.3	30.3	36.0	35.7	34.0	33.4	29.4	20.2	24.5	23.2	6.1	36.0	18.7
28	24.0	23.8	18.8	14.5	12.1	6.2	7.3	6.0	11.4	10.0	11.5	8.0	10.4	11.0	16.1	16.6	18.0	14.0	12.4	7.2	6.3	9.7	9.4	13.9	6.0	24.0	12.4
29	16.5	36.5	32.7	30.7	6.8	6.9	8.1	19.4	18.9	14.3	17.4	15.5	14.3	15.1	15.9	17.2	10.9	6.9	4.5	5.2	9.8	14.6	19.1	15.1	4.5	36.5	15.5
30	16.0	13.2	12.1	11.5	8.2	20.9	12.6	13.4	12.9	15.5	21.6	24.5	18.0	22.1	13.5	9.1	9.2	6.9	13.9	12.6	8.6	9.0	10.3	14.9	6.9	24.5	13.8
31	12.8	12.9	7.8	2.4	5.0	4.4	4.5	9.2	9.7	12.2	20.5	15.9	15.3	17.8	15.5	13.8	30.3	34.1	36.5	37.7	40.0	36.5	36.6	30.3	2.4	40.0	19.2
Min	11.0	7.8	6.5	2.4	3.4	3.1	3.0	5.7	6.1	7.9	8.9	8.0	9.9	9.7	9.6	7.9	7.6	6.9	4.5	5.2	6.3	6.6	9.4	13.8	2.4		
Max	45.7	40.3	37.7	39.3	34.0	32.8	31.2	28.4	30.1	32.2	30.7	30.0	33.1	35.3	35.1	40.5	42.7	41.5	42.9	44.1	44.6	45.8	46.7	46.7		46.7	
Avg	26.4	25.0	23.4	22.4	18.7	17.6	17.2	15.6	14.3	13.7	14.3	14.8	16.3	17.4	19.2	22.8	24.0	24.0	25.5	27.9	29.0	28.4	28.1	27.0			21.4

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: August  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 09-04-2008  
Printout Time: 13:28:12  
Output File Name: WWWB0808.7

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

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

#### Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 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