

White Water Wash Meteorological Data

September 2007

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: September  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 01-22-2008  
Printout Time: 14:46:06  
Output File Name: WWWB0907.9

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	6.5	8.6	9.1	8.8	6.8	6.3	7.2	6.1	5.2	5.2	7.2	7.5	8.2	6.2	12.8	12.9	8.3	6.2	0.0	6.1	13.5	12.9	13.6	14.8	0.0	14.8	8.3
2	10.0	6.6	15.4	14.1	3.7	1.2	0.9	2.6	2.1	5.8	5.7	6.3	10.3	13.1	12.2	12.0	10.0	6.9	2.6	1.3	3.3	6.3	6.6	5.1	0.9	15.4	6.8
3	6.4	6.4	5.9	7.1	2.4	6.5	5.2	4.7	2.6	7.1	11.1	11.1	10.9	10.0	8.9	9.0	9.4	7.5	14.7	11.6	14.3	15.1	17.2	16.8	2.4	17.2	9.3
4	12.4	9.6	4.5	8.6	8.2	6.4	6.7	8.6	9.8	9.0	8.6	9.6	10.2	13.3	11.8	12.3	9.9	8.3	6.1	12.3	8.6	7.2	4.6	5.6	4.5	13.3	8.8
5	2.1	6.8	7.0	8.4	7.4	4.6	3.8	0.9	4.0	7.1	6.9	6.3	6.1	8.4	5.7	9.1	18.4	18.4	21.1	24.0	25.4	23.3	21.8	20.7	0.9	25.4	11.2
6	14.6	13.0	13.4	10.3	8.9	9.6	6.4	3.1	3.6	6.2	5.3	3.6	8.3	17.0	25.4	27.2	25.3	26.3	28.0	25.9	26.5	23.2	22.4	18.4	3.1	28.0	15.5
7	18.4	15.9	7.6	7.7	3.0	2.0	4.6	1.3	2.0	3.4	3.9	3.1	4.3	4.1	5.5	5.2	9.3	16.8	20.1	21.5	21.5	23.4	21.6	20.8	1.3	23.4	10.3
8	19.3	18.0	17.9	15.8	17.1	17.8	18.6	14.0	11.5	11.8	6.6	4.9	5.8	5.3	12.4	21.7	24.9	25.4	26.6	28.2	28.7	27.2	27.5	27.6	4.9	28.7	18.1
9	28.2	26.8	26.2	23.1	23.5	23.0	24.2	28.4	19.3	13.9	17.4	19.4	19.3	20.5	23.2	26.7	28.4	27.3	27.0	27.0	27.3	27.7	26.9	25.4	13.9	28.4	24.2
10	25.8	20.7	18.8	21.8	22.0	21.8	19.9	21.2	19.6	8.0	6.4	9.2	12.9	16.1	19.5	21.7	22.9	22.8	23.5	22.8	21.1	21.9	21.0	21.7	6.4	25.8	19.3
11	21.0	20.7	21.0	19.2	18.1	17.8	15.9	19.3	18.4	14.7	8.8	10.5	6.2	13.9	18.6	21.0	22.1	21.6	22.3	22.3	21.3	21.0	18.8	20.6	6.2	22.3	18.1
12	20.2	18.2	16.8	16.9	16.7	17.0	19.0	15.0	13.3	7.7	6.3	7.6	11.8	19.9	24.2	23.9	25.0	24.3	24.8	24.0	22.4	18.1	14.8	14.8	6.3	25.0	17.6
13	12.2	13.3	16.2	23.1	17.4	17.9	14.8	8.6	4.7	6.0	6.2	9.5	16.7	18.0	19.8	22.5	19.4	17.8	18.6	18.7	15.9	16.2	15.0	19.1	4.7	23.1	15.3
14	21.2	19.4	17.1	13.5	12.7	13.8	13.1	16.3	14.9	11.1	10.8	8.5	11.8	16.3	20.5	21.1	20.7	18.3	22.3	26.6	24.5	21.5	17.5	20.4	8.5	26.6	17.3
15	16.3	11.9	8.1	9.2	13.7	7.7	6.0	6.7	8.2	9.9	8.2	8.5	9.2	8.4	11.3	22.5	24.8	21.0	23.1	24.6	21.1	21.0	20.7	21.1	6.0	24.8	14.3
16	20.1	21.0	26.8	24.3	19.1	14.3	15.3	5.7	4.5	4.9	8.0	15.6	17.8	21.8	28.1	29.2	28.7	26.9	24.7	13.4	11.5	24.5	22.8	21.8	4.5	29.2	18.8
17	24.3	18.8	17.9	18.6	18.4	20.3	22.3	23.2	22.5	20.5	19.6	22.9	23.6	27.8	25.6	21.6	24.1	26.4	29.9	29.0	28.3	28.3	27.5	29.2	17.9	29.9	23.8
18	28.9	24.3	21.3	23.9	24.0	20.8	21.4	21.1	20.0	21.4	12.5	3.7	6.8	5.8	5.4	8.0	18.6	19.6	23.6	27.3	27.4	27.7	30.9	25.8	3.7	30.9	19.6
19	23.6	20.1	27.4	28.0	22.8	25.0	24.7	21.1	21.9	26.1	26.1	27.1	28.7	28.3	25.8	24.0	23.1	22.9	27.4	30.0	30.0	30.3	29.0	28.5	20.1	30.3	25.9
20	26.5	26.3	27.4	29.7	27.9	19.3	10.7	11.4	19.8	23.4	25.7	24.7	24.0	23.1	23.2	26.8	25.9	23.5	23.3	23.0	23.5	23.7	24.1	21.7	10.7	29.7	23.3
21	21.2	19.8	16.0	11.9	7.4	13.2	8.4	4.2	2.6	4.3	9.0	10.4	14.4	15.8	14.0	10.5	10.6	7.9	10.6	12.8	8.8	13.8	12.4	10.0	2.6	21.2	11.3
22	11.3	15.8	11.3	3.0	4.1	3.5	4.7	4.1	2.3	9.5	16.3	17.6	29.0	27.7	19.1	19.4	20.2	20.2	18.3	18.9	22.5	21.6	16.4	17.8	2.3	29.0	14.8
23	18.3	21.4	20.2	21.6	23.4	22.7	23.7	25.4	27.2	25.4	23.4	19.5	18.2	15.4	19.1	20.3	20.7	23.5	23.7	24.5	23.9	22.7	23.4	22.0	15.4	27.2	22.1
24	22.8	21.9	20.4	19.0	14.9	6.0	5.5	4.3	3.7	2.3	5.2	6.3	6.5	7.4	6.8	7.2	6.4	5.5	5.0	4.7	5.7	6.4	7.9	7.9	2.3	22.8	8.7
25	9.1	7.0	7.1	5.7	7.1	6.7	4.1	4.7	2.1	3.0	3.9	5.0	4.7	6.2	7.1	6.2	6.3	5.6	5.9	6.6	7.4	6.4	6.6	6.1	2.1	9.1	5.9
26	5.1	6.9	6.9	7.1	8.0	6.7	7.4	4.6	4.3	1.8	4.1	4.5	3.9	4.5	6.1	3.6	3.9	5.4	7.0	6.4	8.6	4.1	7.0	9.3	1.8	9.3	5.7
27	8.9	8.4	8.6	8.3	8.6	6.5	4.9	2.8	3.1	3.8	3.9	6.0	10.0	10.6	10.6	9.3	7.9	5.6	6.0	13.8	13.1	17.0	19.4	18.4	2.8	19.4	9.0
28	13.2	6.8	9.3	20.0	27.1	28.7	29.2	29.2	27.5	30.3	32.4	30.5	28.3	31.9	31.7	30.0	29.9	30.4	31.4	31.8	31.0	30.5	31.4	31.3	6.8	32.4	27.2
29	29.2	29.8	31.9	29.3	28.8	29.8	30.8	31.6	32.1	29.1	22.3	18.6	17.9	9.9	5.4	2.5	2.0	5.4	9.6	8.9	8.0	7.4	5.2	6.9	2.0	32.1	18.0
30	7.3	4.9	4.3	5.9	5.8	6.9	7.1	2.4	0.7	4.0	5.4	6.8	9.1	9.1	8.9	9.6	8.7	6.2	5.9	4.6	7.2	7.6	8.5	9.0	0.7	9.6	6.5
Min	2.1	4.9	4.3	3.0	2.4	1.2	0.9	0.9	0.7	1.8	3.9	3.1	3.9	4.1	5.4	2.5	2.0	5.4	0.0	1.3	3.3	4.1	4.6	5.1	0.0		
Max	29.2	29.8	31.9	29.7	28.8	29.8	30.8	31.6	32.1	30.3	32.4	30.5	29.0	31.9	31.7	30.0	29.9	30.4	31.4	31.8	31.0	30.5	31.4	31.3		32.4	
Avg	16.8	15.6	15.4	15.5	14.3	13.5	12.9	11.8	11.1	11.2	11.2	11.5	13.2	14.5	15.6	16.6	17.2	16.8	17.8	18.4	18.4	18.6	18.1	17.9			15.2

Total Data Records Possible: 720  
Total Valid Data Records: 720  
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: September  
 Year: 2007  
 Time Zone: PST

Validation Level: B  
 Printout Date: 01-22-2008  
 Printout Time: 14:46:06  
 Output File Name: WWWB0907.10

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	347	347	326	337	334	346	334	346	289	143	146	169	147	189	246	29	273	249	216	360	292	292	317	320	[NNW]
2	343	352	113	118	226	238	278	310	236	137	144	146	135	120	124	121	124	140	187	226	357	356	322	320	[SE ]
3	340	342	333	336	320	323	349	333	192	153	145	144	145	131	136	139	263	269	298	286	289	289	291	293	[WNW]
4	301	278	223	114	112	120	120	121	126	135	141	145	145	135	124	123	145	141	171	279	253	261	281	260	[SE ]
5	317	333	10	31	23	322	295	135	135	142	142	160	142	163	143	204	297	299	300	295	294	296	297	295	[WNW]
6	291	292	306	327	322	331	337	198	190	157	143	162	317	302	301	300	299	304	300	300	298	297	293	293	[WNW]
7	290	304	293	295	249	326	268	334	44	138	157	126	128	151	142	142	205	302	297	299	299	296	294	299	[WNW]
8	302	308	303	311	307	307	296	289	294	299	280	172	149	171	282	296	297	298	296	297	297	295	296	292	[WNW]
9	293	293	294	303	308	307	303	295	286	288	296	297	295	292	294	295	297	299	299	299	297	297	295	294	[WNW]
10	296	313	319	299	303	303	290	292	289	249	259	293	291	301	298	298	298	298	297	297	295	302	311	307	[WNW]
11	303	304	298	304	312	294	293	295	293	297	314	300	339	310	303	299	301	301	302	302	298	300	314	305	[WNW]
12	309	310	315	321	305	303	299	310	277	217	169	136	278	299	299	299	296	295	292	292	294	293	315	340	[WNW]
13	311	313	273	289	294	309	317	237	207	174	142	256	297	307	314	307	303	307	304	293	299	300	292	295	[WNW]
14	295	292	286	278	277	293	287	294	292	301	290	298	322	299	297	305	308	302	300	294	297	294	287	295	[WNW]
15	284	278	316	312	338	323	333	322	142	123	139	143	122	100	332	306	305	300	301	295	297	300	299	295	[WNW]
16	294	289	295	293	277	270	275	221	186	219	264	299	302	304	304	297	289	292	281	290	306	305	305	292	[WNW]
17	289	297	301	307	303	296	299	297	300	295	297	294	294	295	295	290	298	299	298	298	297	300	300	299	[WNW]
18	296	296	301	302	305	301	298	289	295	302	293	227	160	138	148	117	298	298	297	298	297	296	293	288	[WNW]
19	286	282	294	292	286	295	290	292	294	295	293	294	298	297	298	300	300	299	301	297	295	294	296	294	[WNW]
20	296	295	300	296	303	302	281	276	297	294	297	297	296	295	298	297	295	298	299	297	299	303	296	295	[WNW]
21	302	319	314	305	334	310	322	341	3	121	123	113	118	121	125	123	122	117	60	269	290	298	299	323	[ESE]
22	315	303	294	354	268	0	10	24	313	312	304	309	296	296	299	297	301	308	304	315	306	292	299	295	[WNW]
23	303	308	311	298	301	288	303	302	298	294	289	287	292	288	289	288	295	297	301	298	301	301	303	300	[WNW]
24	300	300	302	305	307	321	344	332	322	217	171	156	166	155	165	163	148	128	99	105	288	343	336	316	[SSE]
25	306	331	344	348	335	351	326	334	304	214	188	158	162	170	169	126	137	123	106	322	351	358	341	337	[NNW]
26	318	326	344	317	331	339	343	339	318	287	187	166	176	152	179	138	128	121	108	306	321	331	351	354	[NNW]
27	354	355	355	351	348	340	333	328	313	321	134	145	135	125	128	132	137	103	8	304	294	295	294	292	[SE ]
28	281	277	325	302	298	298	297	291	290	293	293	295	300	297	300	299	299	297	297	297	299	302	298	294	[WNW]
29	295	296	294	299	299	297	295	300	295	291	286	290	292	296	303	244	234	290	309	320	295	304	300	316	[WNW]
30	333	339	324	334	331	338	339	328	312	129	146	134	140	138	143	121	128	118	114	330	355	336	338	348	[NNW]

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

Total Data Records Possible: 720  
 Total Valid Data Records: 720  
 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

Validation Level: B  
Printout Date: 01-22-2008  
Printout Time: 14:46:06  
Output File Name: WWWB0907.10t

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Total Data Records Possible: 720
Total Valid Data Records: 720
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: September  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 01-22-2008  
Printout Time: 14:46:06  
Output File Name: WWWB0907.11

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	6.6	7.1	14.8	9.6	14.1	11.0	6.5	12.0	48.3	31.9	16.9	23.5	22.5	48.5	25.7	19.0	16.1	13.5	39.8	21.0	9.2	11.6	10.2	6.8	6.5	48.5	18.6
2	13.9	13.4	12.9	11.1	22.7	11.3	22.8	37.8	54.3	15.2	22.5	18.8	16.3	13.7	11.5	12.6	13.8	12.0	22.2	20.7	8.0	6.3	11.2	9.7	6.3	54.3	17.3
3	8.4	15.3	12.4	7.3	9.3	8.1	7.7	11.9	34.1	16.4	11.8	13.8	17.2	17.7	19.1	20.0	51.7	50.9	8.6	11.2	9.7	12.8	7.7	9.4	7.3	51.7	16.4
4	9.9	15.6	15.4	21.3	7.7	8.1	10.5	13.9	15.2	17.3	19.7	15.0	15.4	13.3	11.1	11.2	11.4	15.9	42.7	19.2	17.8	18.9	51.5	15.0	7.7	51.5	17.2
5	23.1	15.4	14.0	6.1	5.4	17.3	13.8	58.3	28.8	24.4	29.6	29.3	25.6	15.7	31.4	35.0	12.2	10.1	9.1	8.3	8.0	7.1	7.4	7.8	5.4	58.3	18.5
6	9.9	12.8	8.1	10.4	11.9	8.0	9.7	20.5	15.1	17.9	24.6	49.1	32.0	16.3	10.2	8.6	10.4	12.2	10.8	11.2	7.0	7.2	7.2	8.9	7.0	49.1	14.2
7	9.1	10.9	18.4	16.8	26.5	17.4	20.4	35.8	46.5	29.9	42.4	73.0	30.9	62.7	35.8	29.3	27.0	9.2	7.8	7.2	7.5	7.0	7.2	6.8	6.8	73.0	24.4
8	7.2	7.3	7.1	7.0	6.7	6.9	6.9	8.7	11.0	13.0	31.4	31.4	41.0	51.0	22.2	11.2	8.3	8.0	8.9	7.6	7.4	7.9	7.2	7.1	6.7	51.0	13.8
9	7.4	8.1	8.0	7.5	7.3	6.9	7.5	6.8	10.1	18.1	11.3	12.4	13.5	12.6	10.2	8.9	8.6	10.2	8.9	9.2	8.4	7.5	7.8	8.3	6.8	18.1	9.4
10	7.6	9.9	8.7	8.0	7.5	7.6	8.7	7.2	8.0	24.1	39.7	44.2	17.5	14.7	11.8	8.7	8.5	7.4	8.1	8.1	7.8	7.5	7.0	6.7	6.7	44.2	12.3
11	6.9	7.3	7.7	7.6	7.4	7.6	7.9	7.7	7.4	8.7	30.0	18.3	47.6	26.6	13.3	9.8	9.1	10.2	9.1	9.1	10.6	9.7	9.8	8.5	6.9	47.6	12.4
12	7.8	7.9	8.2	8.3	10.0	9.9	9.8	11.0	16.2	22.6	24.6	22.0	44.8	12.5	10.3	10.0	9.4	8.1	7.9	7.5	8.9	10.0	16.9	15.6	7.5	44.8	13.3
13	17.2	22.3	13.7	8.2	12.5	9.7	11.5	21.0	37.2	20.3	20.0	41.6	20.7	17.2	17.1	10.0	16.2	12.8	14.7	11.8	11.2	10.0	9.9	8.0	8.0	41.6	16.4
14	7.7	7.5	9.0	13.0	13.2	12.8	14.9	9.9	10.5	20.4	27.3	43.2	39.9	18.9	12.5	10.9	13.4	13.5	10.8	8.7	8.0	9.5	8.8	8.1	7.5	43.2	14.7
15	10.0	21.4	25.4	18.3	10.3	25.2	20.5	16.3	21.1	13.8	14.8	18.5	17.8	24.2	43.5	11.0	10.9	10.9	8.6	7.4	9.0	8.8	7.6	7.5	7.4	43.5	15.9
16	8.1	8.3	8.8	8.9	9.5	12.4	13.3	25.4	14.5	22.5	28.3	19.7	18.4	15.3	10.6	10.5	9.9	9.1	11.8	47.1	33.0	11.1	11.1	12.0	8.1	47.1	15.8
17	12.1	17.8	18.6	14.1	12.6	10.7	8.0	7.4	8.8	10.0	12.4	11.0	10.9	9.3	10.9	10.2	8.8	8.3	8.2	7.9	7.8	7.5	7.9	7.3	7.3	18.6	10.4
18	7.3	7.6	7.9	7.0	6.9	7.6	7.4	7.6	7.9	7.7	18.9	45.2	24.8	34.3	33.7	27.5	9.9	7.6	8.8	7.8	7.8	7.6	7.2	8.6	6.9	45.2	13.5
19	8.1	10.3	8.1	8.1	8.8	8.8	8.5	9.5	9.4	9.5	10.0	10.5	9.8	9.3	10.4	11.5	11.6	10.6	9.5	8.2	7.9	7.3	7.8	8.4	7.3	11.6	9.2
20	8.9	9.3	10.1	8.5	8.8	9.4	25.3	19.1	9.8	8.9	8.9	9.2	9.8	9.7	9.5	8.0	7.7	8.0	8.3	8.1	8.6	8.3	7.8	8.0	7.7	25.3	9.9
21	7.5	6.8	6.5	7.6	8.7	7.3	8.6	12.1	18.8	22.1	14.7	19.1	14.8	12.9	13.3	16.0	12.2	12.7	38.9	15.6	20.3	9.6	8.4	11.3	6.5	38.9	13.6
22	15.0	13.2	8.7	59.7	35.8	30.6	16.5	13.4	49.2	28.2	13.2	14.4	8.4	9.0	12.9	10.2	11.7	14.0	11.5	11.7	7.9	8.1	11.4	10.1	7.9	59.7	17.7
23	9.3	8.3	8.6	9.3	7.8	9.6	9.5	9.6	8.5	9.6	12.5	14.3	14.4	18.9	12.4	9.9	8.9	8.0	8.3	7.2	8.4	7.8	7.4	7.1	7.1	18.9	9.8
24	7.7	7.0	7.1	6.8	6.7	9.9	10.5	12.6	15.1	49.8	35.4	25.0	31.8	23.2	22.1	16.5	11.4	7.4	7.0	12.9	11.4	7.1	8.4	6.6	6.6	49.8	15.0
25	6.0	9.0	22.2	13.6	5.7	16.9	8.3	6.9	20.4	45.7	37.7	29.5	40.9	25.1	25.7	17.8	20.0	7.5	6.4	39.8	10.3	7.2	9.4	7.8	5.7	45.7	18.3
26	10.3	4.4	4.9	7.8	7.9	11.9	11.5	10.6	15.8	46.8	36.6	40.1	59.2	40.1	27.0	24.5	23.4	7.2	17.3	23.2	9.9	12.8	5.8	6.2	4.4	59.2	19.4
27	5.6	5.6	4.1	4.2	5.6	8.1	11.5	11.9	26.2	32.1	41.9	28.4	15.2	15.2	13.8	12.0	9.2	10.4	31.7	9.6	9.7	7.7	7.4	8.4	4.1	41.9	14.0
28	14.0	40.3	22.0	8.9	7.3	7.5	7.3	7.6	8.1	8.4	8.7	9.1	10.5	8.8	10.4	10.1	9.4	10.5	8.7	9.2	8.9	11.1	10.5	9.7	7.3	40.3	11.1
29	9.9	9.7	9.1	10.3	11.3	9.2	9.3	8.7	8.8	9.0	10.6	11.3	10.8	21.3	36.7	47.5	35.5	5.3	5.6	14.1	9.7	11.6	18.6	13.5	5.3	47.5	14.5
30	9.7	18.9	12.5	12.3	11.0	6.3	14.6	13.2	28.0	36.5	22.5	20.6	14.7	18.5	16.6	13.5	10.8	7.6	7.0	34.8	13.3	11.3	6.9	6.6	6.3	36.5	15.3
Min	5.6	4.4	4.1	4.2	5.4	6.3	6.5	6.8	7.4	7.7	8.7	9.1	8.4	8.8	9.5	8.0	7.7	5.3	5.6	7.2	7.0	6.3	5.8	6.2	4.1		
Max	23.1	40.3	25.4	59.7	35.8	30.6	25.3	58.3	54.3	49.8	42.4	73.0	59.2	62.7	43.5	47.5	51.7	50.9	42.7	47.1	33.0	18.9	51.5	15.6		73.0	
Avg	9.7	12.0	11.4	11.6	10.9	11.1	11.6	15.2	20.4	21.4	22.6	25.4	23.2	21.2	18.4	15.4	14.2	11.3	13.6	14.2	10.4	9.3	10.4	8.9			14.7

Total Data Records Possible: 720  
Total Valid Data Records: 720  
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: September  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 01-22-2008  
Printout Time: 14:46:08  
Output File Name: WWWB0907.17

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	9.9	11.5	17.2	14.8	13.7	8.9	9.3	9.9	20.2	13.4	12.2	11.8	13.2	11.9	29.2	28.7	12.4	12.1	5.6	20.5	22.9	21.0	20.7	21.3	5.6	29.2	15.5
2	19.1	16.7	28.9	30.6	7.8	4.2	6.1	6.2	7.6	8.7	9.8	12.7	20.5	18.9	17.4	17.4	18.6	13.6	8.6	5.6	7.9	8.7	8.9	8.1	4.2	30.6	13.0
3	9.4	9.1	8.5	9.6	7.8	11.3	8.4	7.2	11.7	12.2	18.9	19.7	16.5	16.9	14.2	15.8	20.7	21.3	22.3	20.2	22.1	25.8	25.2	27.3	7.2	27.3	15.9
4	22.1	23.1	7.6	15.9	13.3	10.3	9.8	13.4	14.9	14.5	14.1	16.0	16.3	20.8	17.6	20.3	14.2	13.7	20.3	25.2	22.6	14.8	9.9	12.8	7.6	25.2	16.0
5	7.5	10.9	11.8	12.1	11.8	6.5	6.1	5.6	9.7	13.3	16.1	13.6	14.5	13.7	15.3	23.9	29.9	28.6	32.6	33.4	36.6	35.0	31.7	29.4	5.6	36.6	18.7
6	25.7	22.9	19.9	17.1	17.0	13.9	10.8	8.0	6.9	11.6	11.9	8.1	17.7	27.0	38.7	39.2	40.0	44.1	43.7	41.1	36.5	33.2	32.6	29.3	6.9	44.1	24.9
7	29.3	28.0	20.2	15.6	16.0	6.6	7.0	5.2	7.3	9.1	9.3	9.5	10.4	11.5	11.0	11.2	24.6	26.8	28.6	30.9	30.3	32.4	30.8	28.3	5.2	32.4	18.3
8	27.0	26.2	29.1	23.8	24.3	25.8	26.8	24.1	19.7	19.6	15.0	10.8	13.1	10.7	25.6	34.0	34.6	37.3	41.0	40.5	39.2	39.2	37.9	38.6	10.7	41.0	27.7
9	41.4	39.8	37.8	32.7	33.7	31.5	35.2	38.7	37.2	23.2	25.9	29.2	29.6	31.9	34.1	37.5	42.8	47.4	39.9	40.7	40.5	38.5	39.2	36.8	23.2	47.4	36.0
10	37.6	33.6	27.3	33.8	31.8	31.1	29.6	29.8	30.6	18.6	15.2	20.4	22.0	25.5	30.5	30.8	32.6	30.9	35.8	34.6	30.6	30.8	30.5	29.5	15.2	37.6	29.3
11	29.8	28.4	32.7	31.6	25.6	25.9	24.4	29.2	26.8	21.5	17.0	20.2	14.0	27.6	30.5	32.2	33.6	33.5	34.8	36.5	38.1	30.9	29.7	28.8	14.0	38.1	28.5
12	29.1	27.6	25.0	28.2	28.3	29.4	30.5	24.1	21.0	16.1	12.5	12.8	29.5	31.0	36.7	36.6	39.5	35.2	36.2	36.0	33.4	30.4	24.8	25.9	12.5	39.5	28.3
13	24.5	28.6	27.9	35.4	29.1	28.8	23.4	20.1	11.0	12.4	11.6	24.8	29.5	33.5	32.4	36.3	33.7	32.2	35.7	34.1	26.5	25.6	25.4	30.7	11.0	36.3	27.2
14	30.0	28.2	25.8	25.1	21.3	22.6	25.8	24.2	25.4	19.1	19.7	18.0	25.9	27.4	34.3	32.9	36.0	32.5	35.3	44.9	35.7	36.5	28.1	29.9	18.0	44.9	28.5
15	31.1	23.5	15.6	18.6	22.5	15.4	13.4	13.2	17.4	16.1	12.9	14.5	15.3	15.5	24.0	38.1	36.7	33.0	34.8	41.2	36.3	34.0	31.6	30.2	12.9	41.2	24.4
16	29.7	34.6	41.3	36.2	30.4	27.7	28.1	24.3	6.6	13.1	21.9	26.2	32.3	40.3	46.8	43.4	42.8	44.5	48.3	31.5	27.0	39.9	38.4	35.2	6.6	48.3	32.9
17	49.5	34.5	37.6	38.2	31.2	30.2	34.3	35.2	32.4	30.2	36.0	36.6	34.9	37.6	38.4	34.3	38.2	39.7	42.2	41.9	42.9	41.8	41.1	44.6	30.2	49.5	37.6
18	41.9	36.8	30.5	33.6	32.9	30.5	30.5	30.3	27.0	29.9	23.0	9.7	14.0	12.0	12.8	26.7	26.2	31.0	35.7	40.0	39.8	40.0	44.3	39.3	9.7	44.3	29.9
19	41.7	33.6	40.7	43.3	34.7	40.3	36.5	33.2	33.0	37.7	40.9	42.6	42.5	41.0	37.8	37.2	39.8	37.3	40.2	44.3	43.9	46.3	43.4	42.7	33.0	46.3	39.9
20	41.6	40.7	43.0	46.8	44.8	33.3	19.6	24.8	33.5	36.1	38.0	33.7	36.7	32.4	31.7	36.0	35.5	35.3	36.3	33.5	35.7	34.6	34.3	31.6	19.6	46.8	35.4
21	33.3	29.0	21.9	19.9	13.1	19.4	15.6	8.2	5.1	10.4	15.0	20.3	25.4	23.6	21.6	19.8	18.8	13.6	25.9	26.9	21.0	22.9	19.2	16.3	5.1	33.3	19.4
22	22.4	27.0	22.6	10.1	6.6	7.5	8.9	8.6	5.6	25.7	28.3	36.8	40.7	41.1	29.7	30.4	30.2	38.1	31.0	30.1	33.2	32.2	27.8	30.1	5.6	41.1	25.2
23	28.2	30.6	31.9	33.4	34.3	33.2	37.0	38.4	41.6	37.2	36.0	30.3	27.5	31.5	31.0	29.6	30.0	34.8	36.6	34.8	35.4	33.2	33.3	30.9	27.5	41.6	33.4
24	31.1	29.9	28.1	26.7	21.5	12.6	8.3	8.0	7.3	6.5	11.5	14.0	15.2	15.6	14.9	13.9	11.0	8.6	7.6	8.6	9.5	8.3	11.8	11.1	6.5	31.1	14.2
25	11.3	8.9	9.4	9.1	8.5	9.4	7.2	7.2	4.9	8.5	10.4	10.7	12.5	12.2	17.3	11.0	10.4	9.9	9.1	8.7	9.8	8.8	10.4	9.9	4.9	17.3	9.8
26	7.5	9.8	9.6	10.4	12.7	11.2	10.0	7.9	7.0	7.8	11.0	10.5	11.0	15.7	11.8	9.6	8.5	11.8	11.1	9.2	15.6	8.9	10.7	13.1	7.0	15.7	10.5
27	10.9	10.3	11.5	11.4	10.7	9.1	9.4	9.1	10.4	10.7	12.0	12.3	14.7	15.9	16.8	14.5	12.6	10.1	17.0	21.3	23.4	24.4	28.3	28.1	9.1	28.3	14.8
28	25.9	18.8	22.7	32.7	36.9	40.9	40.0	41.8	39.1	41.9	44.6	44.3	50.0	47.3	44.2	42.6	45.1	48.5	47.3	47.7	45.0	48.1	49.8	50.0	18.8	50.0	41.5
29	44.2	45.5	52.0	49.0	44.3	45.7	45.9	49.5	47.3	42.4	36.8	27.5	27.0	20.1	14.0	5.8	5.2	9.4	13.1	14.8	11.8	10.4	7.8	9.9	5.2	52.0	28.3
30	9.1	7.5	7.7	9.6	9.9	10.7	10.8	4.5	4.0	10.3	11.9	13.7	17.1	15.7	18.4	15.1	14.3	11.0	8.6	8.3	10.5	11.0	11.3	13.1	4.0	18.4	11.0
Min	7.5	7.5	7.6	9.1	6.6	4.2	6.1	4.5	4.0	6.5	9.3	8.1	10.4	10.7	11.0	5.8	5.2	8.6	5.6	5.6	7.9	8.3	7.8	8.1	4.0		
Max	49.5	45.5	52.0	49.0	44.8	45.7	45.9	49.5	47.3	42.4	44.6	44.3	50.0	47.3	46.8	43.4	45.1	48.5	48.3	47.7	45.0	48.1	49.8	50.0	52.0		
Avg	26.7	25.2	24.9	25.2	22.5	21.1	20.3	19.7	19.1	19.3	20.0	20.4	23.0	24.2	26.0	26.8	27.3	27.5	28.8	29.6	28.8	28.3	27.3	27.1			24.5

Total Data Records Possible: 720  
Total Valid Data Records: 720  
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: September  
Year: 2007  
Time Zone: PST

Validation Level: B  
Printout Date: 01-22-2008  
Printout Time: 14:46:05  
Output File Name: WWWB0907.7

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

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