

# White Water Wash Meteorological Data

July 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: July  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 08-18-2008  
Printout Time: 12:52:54  
Output File Name: WWWB0708.9

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	23.8	15.5	11.4	16.4	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	22.6	22.6	20.7	22.2	11.4	23.8	19.4
2	21.0	17.0	18.3	16.3	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	19.0	18.6	18.2	17.2	16.3	21.0	18.2
3	15.9	13.3	12.2	12.5	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	19.4	13.5	7.0	5.1	5.1	19.4	12.4
4	4.9	3.3	4.2	10.4	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	7.9	13.4	15.2	13.8	3.3	15.2	9.1
5	10.9	7.6	9.7	3.5	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	14.8	14.5	14.0	13.8	3.5	14.8	11.1
6	10.7	7.7	4.5	6.0	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	21.3	20.4	21.0	16.8	4.5	21.3	13.5
7	11.3	13.6	10.1	12.2	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	3.0	9.3	12.5	10.9	3.0	13.6	10.4
8	12.8	15.4	15.6	17.0	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	20.0	19.8	16.7	15.6	12.8	20.0	16.6
9	9.4	10.5	6.6	5.1	-971	-971	-971	-971	-971	-971	8.1	8.4	9.4	9.6	7.7	9.3	9.8	9.4	9.2	7.9	5.7	6.1	13.8	4.9	1.7	13.8	8.0
10	5.2	5.6	7.9	9.1	4.0	3.3	2.7	2.3	3.0	5.3	10.5	12.8	11.5	10.6	9.2	7.3	7.0	13.0	12.2	7.5	8.5	8.6	10.0	15.0	2.3	15.0	8.0
11	7.5	4.6	7.2	9.9	4.3	5.9	8.6	6.5	8.9	11.2	11.2	10.7	8.9	8.1	5.8	4.2	4.7	16.5	18.9	22.9	21.0	18.7	16.1	14.1	4.2	22.9	10.7
12	15.4	17.1	14.1	5.9	4.5	3.0	6.7	6.4	4.0	3.5	4.2	6.4	8.5	7.4	7.5	11.7	9.2	21.2	22.5	20.4	20.4	22.5	21.5	17.4	3.0	22.5	11.7
13	15.3	17.6	15.5	13.8	12.8	12.8	6.6	3.7	3.1	2.3	4.0	6.2	6.7	6.1	5.1	6.9	10.2	19.3	22.7	23.1	22.7	23.4	21.9	22.1	2.3	23.4	12.7
14	20.7	21.4	20.9	20.1	18.7	18.6	14.0	3.0	3.8	2.4	3.0	4.8	6.3	10.5	13.6	19.2	21.7	25.0	23.9	24.5	24.0	24.7	24.0	23.3	2.4	25.0	16.3
15	23.3	23.9	23.9	23.2	22.9	21.0	18.3	16.8	14.8	12.4	10.9	7.8	10.3	13.6	17.4	21.8	24.2	25.8	25.9	27.0	26.6	24.8	24.1	25.0	7.8	27.0	20.2
16	24.1	22.0	23.8	23.0	21.2	19.2	20.1	19.7	14.6	13.7	8.6	8.7	12.5	16.4	21.3	24.2	26.4	28.0	26.9	28.9	25.1	23.9	25.9	25.8	8.6	28.9	21.0
17	23.2	21.5	23.2	22.3	22.3	21.7	18.4	17.4	12.4	8.8	7.9	10.8	13.7	19.1	23.9	26.2	28.1	28.3	29.1	29.0	29.0	27.6	26.7	26.7	7.9	29.1	21.6
18	26.0	25.6	25.4	25.8	25.7	24.8	23.3	19.8	18.2	16.4	17.2	13.0	14.4	17.6	24.3	26.0	27.3	27.4	25.8	25.3	23.4	20.9	25.9	23.6	13.0	27.4	22.6
19	16.8	6.5	9.5	10.0	6.6	10.5	6.6	6.2	2.7	3.3	3.9	4.2	4.8	8.7	14.4	14.8	12.6	13.3	13.1	12.6	5.2	8.8	14.6	13.1	2.7	16.8	9.3
20	10.4	7.6	7.0	6.7	8.8	11.3	6.9	7.8	3.5	6.6	9.2	5.7	4.5	7.3	6.1	5.1	5.2	6.3	7.0	14.5	17.0	17.9	17.0	15.8	3.5	17.9	9.0
21	13.7	15.0	9.3	7.7	9.1	8.2	6.4	4.6	2.9	4.9	6.5	6.7	6.4	9.1	7.8	8.1	7.7	7.3	18.4	21.2	22.1	21.8	21.5	19.3	2.9	22.1	11.1
22	15.9	16.6	17.8	14.5	9.7	10.0	4.4	9.8	5.3	4.6	4.4	4.1	6.5	11.1	17.9	18.3	21.0	23.8	25.2	28.1	28.2	27.5	26.8	25.4	4.1	28.2	15.7
23	24.6	24.0	23.4	22.7	23.0	22.9	22.7	21.9	18.6	13.8	13.4	14.6	15.0	15.7	22.1	25.4	24.4	25.3	25.6	26.5	27.0	24.7	24.2	22.3	13.4	27.0	21.8
24	20.7	20.0	17.8	17.6	17.2	15.8	15.0	9.0	4.9	9.0	8.7	8.8	8.3	9.3	9.5	6.9	6.2	6.1	4.2	6.1	12.6	6.5	7.5	6.6	4.2	20.7	10.6
25	7.4	6.3	6.8	5.5	4.0	4.7	2.9	7.5	8.4	5.7	6.5	6.1	7.1	7.6	6.6	9.4	9.8	7.5	10.7	14.9	16.9	15.9	5.2	3.4	2.9	16.9	7.8
26	5.5	5.5	4.3	2.8	6.9	4.3	4.3	7.3	7.5	6.0	5.7	6.3	10.5	10.9	10.2	9.0	15.9	23.3	24.9	23.9	23.4	22.6	20.9	17.3	2.8	24.9	11.6
27	18.3	16.5	19.0	20.1	18.5	16.6	15.6	13.1	5.6	5.5	4.3	4.1	3.5	7.6	13.0	18.0	21.5	23.8	25.2	24.8	22.7	21.1	20.8	19.6	3.5	25.2	15.8
28	17.7	16.4	19.9	20.1	17.3	18.0	18.5	16.3	8.3	4.5	4.2	9.8	9.8	12.1	16.0	18.0	23.2	24.2	23.7	25.4	26.0	26.6	24.6	23.7	4.2	26.6	17.7
29	23.6	23.1	19.4	19.3	20.4	13.8	8.3	3.2	4.0	4.0	4.0	3.9	7.3	16.8	18.7	21.1	22.9	21.0	19.8	21.8	22.8	25.7	24.5	25.4	3.2	25.7	16.4
30	23.9	20.5	23.0	23.1	18.4	12.9	12.3	7.9	5.0	4.9	3.8	4.5	5.7	12.1	18.4	22.3	24.7	25.3	24.9	23.8	26.6	26.2	22.9	24.5	3.8	26.6	17.4
31	23.0	23.4	24.0	23.8	18.2	18.4	21.1	18.0	15.5	9.9	7.1	9.7	20.8	22.5	22.5	23.1	24.4	26.0	24.9	23.2	24.5	24.3	23.8	24.3	7.1	26.0	20.7
Min	4.9	3.3	4.2	2.8	4.0	3.0	2.7	2.3	2.7	2.3	3.0	3.9	3.5	6.1	5.1	4.2	4.7	6.1	4.2	5.7	3.0	6.5	4.9	1.7	1.7		
Max	26.0	25.6	25.4	25.8	25.7	24.8	23.3	21.9	18.6	16.4	17.2	14.6	20.8	22.5	24.3	26.2	28.1	28.3	29.1	29.0	29.0	27.6	26.8	26.7		29.1	
Avg	16.2	15.0	14.7	14.4	14.3	13.5	12.0	10.4	7.9	7.3	7.3	7.8	9.2	11.6	13.9	15.5	16.9	19.4	20.1	20.9	19.7	19.7	18.7	17.8			14.7

Total Data Records Possible: 744  
Total Valid Data Records: 611  
Percent Data Recovery: 82.1

#### 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: July  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-18-2008  
 Printout Time: 12:52:54  
 Output File Name: WWWB0708.10

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	303	295	287	290	285	306	309	232	186	203	243	304	317	308	311	308	308	310	308	305	304	305	323	318	[NW ]
2	311	314	327	320	293	301	181	176	161	162	154	146	132	137	144	143	157	143	307	302	300	305	316	322	[NW ]
3	311	311	325	319	322	107	112	124	132	143	171	149	163	166	152	143	115	117	71	293	300	276	142	97	[ESE]
4	339	357	112	102	110	26	207	138	100	203	158	156	138	135	127	132	124	127	145	177	324	301	304	303	[SE ]
5	289	2	115	43	335	336	342	96	161	156	150	142	140	134	130	141	139	147	141	287	303	301	306	305	[SE ]
6	308	340	9	15	3	9	333	146	138	154	158	151	153	151	287	304	306	306	309	307	304	302	301	299	[WNW]
7	313	319	315	306	336	336	50	120	127	146	159	171	147	151	137	134	142	139	149	173	175	309	305	318	[NW ]
8	317	310	310	307	309	311	328	185	128	127	141	162	157	158	149	131	318	299	295	298	302	305	314	297	[NW ]
9	71	112	101	24	326	336	349	132	357	124	121	134	130	136	129	134	137	127	116	124	93	112	92	42	[SE ]
10	315	326	81	125	132	136	117	116	166	154	147	124	129	129	147	145	143	124	111	316	335	342	57	351	[SE ]
11	194	344	100	115	130	325	323	303	159	128	130	124	130	135	174	162	162	303	306	304	307	303	304	304	[NW ]
12	309	305	306	71	157	289	328	307	287	164	138	135	141	122	146	133	128	296	298	298	301	301	302	304	[WNW]
13	305	308	309	308	308	302	274	251	158	214	169	157	156	134	160	153	291	305	302	302	300	301	303	302	[WNW]
14	301	299	299	294	296	302	287	248	211	200	250	354	287	313	310	310	307	307	303	301	301	301	300	303	[WNW]
15	302	301	299	300	299	297	295	298	297	302	290	278	300	301	302	304	303	302	303	303	299	300	300	302	[WNW]
16	299	298	299	302	304	305	300	301	296	299	289	305	297	305	306	301	300	300	301	298	299	298	298	299	[WNW]
17	303	305	298	298	296	296	292	296	292	297	306	305	310	303	298	301	299	301	299	298	298	302	301	302	[WNW]
18	305	305	305	302	300	300	299	300	300	300	299	298	295	303	301	300	301	300	302	300	303	306	303	298	[WNW]
19	285	271	296	303	79	105	107	140	189	225	150	167	140	154	131	133	123	129	123	111	142	110	121	121	[ESE]
20	117	110	113	102	105	144	306	9	23	181	218	194	183	182	193	175	227	263	280	307	306	305	304	303	[NW ]
21	305	306	323	328	331	342	335	313	121	155	146	164	150	151	134	135	143	216	301	301	301	300	299	299	[WNW]
22	301	298	296	289	288	279	258	285	218	192	197	206	240	300	307	304	305	303	302	303	301	301	298	299	[WNW]
23	298	300	302	312	304	307	303	299	296	297	297	302	302	294	302	300	299	301	304	304	300	300	299	302	[WNW]
24	308	308	309	317	313	316	310	246	183	144	137	135	142	143	129	141	128	158	173	291	311	353	360	336	[NW ]
25	353	339	324	331	5	317	277	133	127	138	145	142	165	154	153	136	146	130	311	298	298	300	267	351	[SE ]
26	335	348	343	331	313	321	337	113	143	155	165	165	135	137	140	142	297	300	299	299	302	303	297	297	[WNW]
27	299	302	299	299	299	301	297	300	207	170	141	92	130	288	314	308	306	301	301	302	304	304	301	297	[WNW]
28	295	295	296	297	302	306	311	308	263	164	218	314	316	301	303	304	302	301	301	301	302	301	301	299	[WNW]
29	296	291	285	284	290	289	257	182	234	210	165	150	283	305	303	304	303	303	310	307	304	301	299	297	[WNW]
30	298	291	299	295	284	272	298	235	181	173	182	165	152	306	307	304	306	304	302	302	304	302	300	301	[WNW]
31	299	296	299	301	312	308	305	294	297	286	264	266	306	303	305	303	305	303	302	303	302	304	305	300	[WNW]

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

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

Validation Level: B  
Printout Date: 08-18-2008  
Printout Time: 12:52:54  
Output File Name: WWWB0708.10t

Processed using: TABLE.EXE version 1.2

Variable: Sigma Theta (Yamartino)  
 Units: degrees  
 Channel: 11

Site: White Water Wash (data subject to change)  
 Month: July  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-18-2008  
 Printout Time: 12:52:54  
 Output File Name: WWWB0708.11

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	7.8	13.6	15.1	10.9	17.0	18.3	29.3	20.8	22.3	23.3	36.9	26.0	18.5	17.4	11.3	10.1	9.8	8.1	12.7	8.7	7.9	8.3	9.3	7.5	7.5	36.9	15.4
2	7.8	8.9	8.3	9.4	28.6	22.3	26.6	28.9	32.0	27.8	29.4	11.9	13.2	14.4	14.4	14.3	14.4	44.7	9.1	7.3	7.3	8.7	8.2	7.6	7.3	44.7	16.9
3	8.4	8.8	9.0	8.5	10.0	37.5	9.1	11.5	20.9	26.9	37.0	49.8	43.9	32.0	30.9	19.8	19.1	18.3	42.0	12.8	7.4	10.5	32.3	19.1	7.4	49.8	21.9
4	13.6	34.2	32.4	9.7	10.6	25.3	36.9	16.0	63.4	63.4	23.5	18.5	17.6	12.9	12.8	11.2	13.5	10.6	19.3	22.5	46.7	8.3	7.0	7.1	7.0	63.4	22.4
5	12.6	16.8	9.1	38.3	10.3	9.3	11.0	55.1	32.1	26.4	23.7	19.8	19.5	16.2	12.5	19.4	14.0	10.9	13.8	57.8	10.2	7.8	7.1	7.4	7.1	57.8	19.2
6	16.0	15.6	16.2	6.1	8.0	11.0	28.0	15.2	13.9	18.7	22.4	21.6	17.4	19.7	53.0	16.0	9.8	9.3	8.2	7.8	8.3	8.4	7.4	8.5	6.1	53.0	15.3
7	12.0	8.6	9.0	7.6	15.7	12.3	33.8	10.9	15.3	19.6	26.5	33.7	24.1	18.4	19.2	16.6	17.1	17.7	12.9	13.4	57.7	9.9	6.9	9.0	6.9	57.7	17.8
8	6.8	6.7	6.8	6.9	6.9	7.4	11.3	29.2	11.1	13.9	18.9	23.6	28.7	17.9	21.1	13.4	28.8	11.8	13.2	9.3	7.2	7.2	7.7	7.9	6.7	29.2	13.5
9	48.8	9.2	21.4	37.6	8.2	5.8	17.3	36.7	78.0	18.2	19.7	18.6	19.0	21.5	18.9	15.0	13.8	12.6	9.6	21.4	35.9	8.4	56.5	46.8	5.8	78.0	24.9
10	10.4	24.9	45.5	12.6	21.7	23.1	42.2	49.9	43.8	27.9	17.3	13.9	14.6	13.4	16.5	15.9	20.2	10.7	9.7	34.0	24.9	27.7	17.0	11.3	9.7	49.9	22.9
11	37.0	32.7	43.7	8.3	25.2	5.5	7.5	22.9	8.9	11.6	13.6	11.8	15.8	14.5	35.3	36.7	36.8	8.6	8.5	7.9	7.8	7.5	8.1	7.9	5.5	43.7	17.7
12	7.8	7.4	9.3	53.0	22.4	10.8	8.4	12.6	30.9	58.2	39.1	28.0	22.3	26.5	28.0	12.6	35.1	19.8	8.8	9.5	8.1	7.6	6.7	6.8	6.7	58.2	20.0
13	8.7	7.6	7.9	8.2	6.9	9.2	14.3	13.7	24.1	39.9	39.0	18.4	30.2	32.1	45.4	23.0	52.2	12.2	11.2	9.4	7.7	7.1	7.4	7.2	6.9	52.2	18.5
14	7.5	7.2	7.4	7.7	7.2	8.4	12.9	23.5	25.8	61.0	58.5	54.5	71.6	31.6	26.3	12.5	10.9	10.3	10.7	8.3	8.3	7.4	8.4	8.6	7.2	71.6	20.7
15	7.8	7.8	7.6	7.2	7.3	7.4	8.7	8.2	10.3	20.5	20.1	32.5	30.6	18.0	15.0	9.5	9.6	8.2	10.5	10.1	8.1	7.7	9.2	8.3	7.2	32.5	12.1
16	8.1	7.5	7.8	7.8	7.4	7.7	7.4	8.0	11.9	14.7	34.5	36.6	22.6	17.3	10.5	8.9	8.2	8.3	7.8	7.3	7.2	7.5	7.7	7.6	7.2	36.6	11.7
17	7.0	7.4	7.0	7.5	7.5	7.9	8.3	8.1	13.5	25.9	25.7	23.5	21.6	12.7	9.4	8.3	8.2	7.2	7.3	6.9	8.0	7.3	7.5	7.6	6.9	25.9	10.9
18	7.6	7.4	7.2	7.2	7.3	7.3	7.2	7.9	8.9	10.5	12.8	15.3	18.3	18.5	9.8	8.3	8.0	8.0	8.2	8.7	10.5	12.5	7.7	7.6	7.2	18.5	9.7
19	11.1	17.4	11.1	9.8	42.5	9.1	15.4	14.8	57.3	52.7	49.2	36.9	53.3	22.7	13.3	11.9	12.0	9.9	9.1	17.5	57.6	53.8	10.8	9.4	9.1	57.6	25.4
20	9.2	9.8	10.6	10.0	9.5	12.1	17.8	8.0	24.3	35.4	10.3	23.5	35.3	21.0	15.7	20.5	19.1	9.6	11.8	6.6	7.3	6.8	6.5	6.7	6.5	35.4	14.5
21	6.7	6.2	8.7	8.5	6.8	7.3	10.4	15.7	41.4	25.1	23.2	22.1	27.3	16.0	18.9	18.5	13.7	35.2	8.3	7.6	7.0	6.8	7.0	6.8	6.2	41.4	14.8
22	7.7	7.5	7.6	9.7	15.4	16.3	31.8	16.5	28.6	24.7	41.2	65.3	36.8	32.1	12.1	14.9	9.4	10.0	7.7	7.4	7.9	7.0	6.9	7.3	6.9	65.3	18.0
23	7.1	7.8	7.6	8.0	7.4	7.6	7.5	7.4	8.9	12.0	15.0	13.2	14.5	16.4	9.4	7.2	8.1	8.9	8.7	9.2	7.3	7.4	7.7	7.1	7.1	16.4	9.2
24	8.0	7.7	8.0	7.6	7.6	7.2	6.9	19.7	19.0	14.2	17.2	19.6	19.9	17.8	18.8	23.6	19.4	12.3	8.0	34.3	7.9	19.4	21.7	15.6	6.9	34.3	15.1
25	9.5	5.2	6.1	10.5	16.8	10.9	34.0	12.8	15.4	24.9	27.1	32.3	25.7	30.6	24.6	17.5	15.9	13.6	41.5	9.7	8.1	10.4	43.1	33.9	5.2	43.1	20.0
26	13.1	16.2	13.7	11.2	5.9	12.9	20.3	27.9	16.1	22.5	26.0	29.2	15.3	17.8	16.6	17.5	27.0	8.8	8.8	7.7	7.4	7.7	6.9	7.5	5.9	29.2	15.2
27	7.9	7.7	7.6	7.2	6.7	7.1	6.8	7.8	30.7	34.0	53.0	60.6	54.2	36.7	29.4	11.4	9.6	9.1	7.9	7.4	7.5	6.7	6.6	7.3	6.6	60.6	17.9
28	7.2	7.7	6.8	7.2	7.6	8.1	9.2	9.4	23.9	27.5	54.5	24.0	25.9	26.8	15.9	13.0	8.2	8.2	7.4	8.5	7.4	6.8	7.3	7.2	6.8	54.5	14.0
29	7.7	7.7	8.2	8.9	8.0	8.2	19.6	16.9	28.6	34.9	32.3	37.2	56.6	15.6	13.4	11.0	9.6	8.8	15.1	10.2	7.5	6.9	7.5	7.1	6.9	56.6	16.1
30	8.2	10.2	9.1	8.9	9.1	20.8	10.7	15.2	17.7	22.8	53.3	43.4	29.5	41.5	14.4	9.8	8.9	8.3	8.4	10.2	8.6	7.9	8.6	8.3	7.9	53.3	16.4
31	8.1	7.2	7.4	7.9	8.5	9.5	8.8	9.7	11.2	18.2	33.9	35.2	11.0	11.3	9.7	11.3	11.6	7.8	8.4	9.5	8.6	8.7	8.7	8.9	7.2	35.2	11.7
Min	6.7	5.2	6.1	6.1	5.9	5.5	6.8	7.4	8.9	10.5	10.3	11.8	11.0	11.3	9.4	7.2	8.0	7.2	7.3	6.6	7.0	6.7	6.5	6.7	5.2		
Max	48.8	34.2	45.5	53.0	42.5	37.5	42.2	55.1	78.0	63.4	58.5	65.3	71.6	41.5	53.0	36.7	52.2	44.7	42.0	57.8	57.7	53.8	56.5	46.8		78.0	
Avg	11.2	11.3	12.4	11.9	12.3	12.0	16.8	18.1	25.5	27.7	30.1	29.0	27.6	21.3	19.4	14.8	16.2	12.5	12.1	13.2	13.9	10.5	12.0	10.5			16.8

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: July  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 08-18-2008  
Printout Time: 12:52:55  
Output File Name: WWWB0708.17

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	37.7	30.1	27.8	27.8	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	33.9	35.1	30.3	32.1	27.8	37.7	31.8	
2	32.2	27.1	28.9	27.3	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	28.3	29.2	28.7	24.0	24.0	32.2	28.2	
3	26.2	23.6	22.4	21.0	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	30.8	26.7	14.5	13.7	13.7	30.8	22.4	
4	8.8	6.4	7.6	20.0	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	17.4	21.5	22.4	20.7	6.4	22.4	15.6	
5	19.6	16.6	17.0	8.3	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	27.3	21.3	20.5	22.3	8.3	27.3	19.1	
6	20.4	15.7	8.7	8.5	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	33.4	31.9	30.8	27.5	8.5	33.4	22.1	
7	19.7	22.6	15.9	18.6	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	9.1	16.1	17.9	18.1	9.1	22.6	17.2	
8	19.9	20.8	22.3	23.5	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	-971	31.1	31.7	26.2	29.5	19.9	31.7	25.6	
9	19.6	17.2	12.9	12.8	-971	-971	-971	-971	-971	-971	14.8	15.6	15.8	18.0	14.8	16.7	15.1	15.0	14.0	12.4	11.8	16.5	23.7	16.9	5.7	5.7	23.7	15.2
10	9.2	10.7	17.2	16.9	8.7	7.7	6.9	6.2	6.4	11.8	19.4	22.8	18.4	16.7	15.6	13.6	15.9	21.1	20.8	16.7	19.1	17.5	20.9	29.8	6.2	29.8	15.4	
11	14.3	9.9	17.2	16.1	10.4	9.2	12.6	12.8	13.1	18.5	18.1	16.3	15.7	14.7	13.0	12.6	22.3	25.9	30.9	32.7	32.7	27.8	24.0	21.3	9.2	32.7	18.4	
12	22.1	28.0	23.1	18.3	14.5	6.8	9.7	9.3	10.2	9.4	10.1	12.6	17.2	14.5	13.1	19.2	28.7	37.1	34.5	29.7	33.0	34.2	30.8	28.0	6.8	37.1	20.6	
13	27.6	25.7	26.3	20.7	18.9	20.2	13.5	6.9	5.7	6.3	9.6	12.1	13.1	15.2	17.4	16.4	31.3	37.7	36.0	35.0	34.0	33.4	33.3	35.4	5.7	37.7	22.2	
14	29.7	33.3	32.4	28.9	27.7	28.6	25.6	6.2	6.7	7.3	9.8	26.2	17.4	21.0	28.9	31.7	34.9	36.5	37.7	38.0	36.2	35.6	39.5	35.6	6.2	39.5	27.3	
15	36.1	35.4	35.6	33.5	33.6	31.6	28.4	26.5	22.8	21.8	20.0	18.3	21.5	25.9	29.5	36.1	36.0	40.6	47.6	43.0	42.5	37.5	40.6	43.5	18.3	47.6	32.8	
16	40.8	33.1	34.4	35.2	32.1	29.2	29.7	28.7	23.6	24.8	18.4	18.6	23.1	28.0	32.9	36.2	36.5	40.8	41.6	45.4	36.8	34.8	37.2	39.5	18.4	45.4	32.6	
17	35.3	30.7	37.0	37.0	31.9	33.3	34.0	26.0	22.4	17.2	18.3	22.9	24.1	30.3	34.0	39.9	39.9	41.2	41.2	39.4	44.9	42.3	40.5	39.8	17.2	44.9	33.5	
18	38.4	39.5	36.7	38.6	38.4	36.1	34.8	28.6	26.2	25.1	25.9	24.5	25.8	30.0	35.4	39.7	38.8	40.5	38.0	39.5	37.7	34.8	38.5	35.7	24.5	40.5	34.5	
19	32.7	11.0	17.2	16.4	16.5	17.6	11.1	10.1	7.0	7.3	11.3	10.7	13.3	18.3	25.4	24.2	19.3	20.8	19.1	22.6	13.4	22.2	24.0	22.1	7.0	32.7	17.2	
20	17.5	13.3	11.2	10.4	16.7	28.1	14.1	11.7	8.6	13.8	14.7	12.9	13.1	15.9	12.2	12.5	9.6	8.9	15.1	22.4	26.4	26.2	24.5	22.2	8.6	28.1	15.9	
21	20.0	22.7	16.1	14.3	12.7	12.9	10.0	8.1	8.0	9.1	12.1	13.4	17.0	16.7	15.1	13.4	12.8	21.0	30.5	32.4	32.4	31.2	31.2	31.3	8.0	32.4	18.5	
22	26.2	27.1	26.7	23.8	17.5	20.3	15.4	17.8	12.7	9.0	11.8	10.7	20.7	20.3	29.3	30.3	34.7	38.2	38.3	41.4	40.6	40.1	37.8	39.6	9.0	41.4	26.3	
23	37.2	39.7	36.5	32.4	36.2	34.0	35.4	32.2	30.2	24.6	22.1	24.0	23.2	29.6	33.1	34.6	38.9	43.6	41.7	45.8	41.3	38.5	36.2	31.7	22.1	45.8	34.3	
24	30.3	30.0	31.0	25.0	26.4	24.8	21.7	20.0	8.0	15.1	14.8	14.5	15.9	15.9	17.2	14.5	11.3	10.6	7.2	15.5	18.2	16.4	14.0	12.3	7.2	31.0	17.9	
25	10.1	9.9	8.4	7.6	7.4	7.2	6.4	14.4	13.7	12.6	15.1	13.6	13.8	13.9	13.7	17.2	15.3	12.7	25.1	23.7	25.4	27.9	19.5	5.2	5.2	27.9	14.2	
26	10.7	12.6	9.2	6.1	10.4	10.4	9.1	12.5	12.5	10.7	10.9	12.1	20.3	17.1	16.5	14.8	31.3	37.5	41.7	35.4	35.0	32.7	30.3	26.2	6.1	41.7	19.4	
27	29.5	26.1	27.3	29.8	26.5	24.0	24.0	20.8	13.6	11.2	9.6	9.8	11.8	20.4	25.9	28.6	33.8	39.5	36.6	34.6	36.7	29.2	28.8	27.4	9.6	39.5	25.2	
28	26.0	24.5	28.9	30.4	25.4	27.6	31.9	27.2	18.9	8.3	11.3	19.3	19.3	25.3	26.0	28.6	36.5	33.8	35.4	41.4	38.7	40.4	35.1	33.8	8.3	41.4	28.1	
29	34.4	35.7	29.1	31.1	30.8	24.5	19.7	6.1	10.4	8.9	8.4	8.8	24.8	29.7	31.0	32.0	32.7	33.8	31.3	34.9	35.5	37.6	34.3	34.3	6.1	37.6	26.7	
30	35.4	32.2	35.5	37.3	33.3	29.5	22.5	20.9	9.3	9.6	9.0	9.9	13.0	24.5	28.6	33.3	40.5	37.9	38.4	38.7	38.7	41.5	35.6	36.9	9.0	41.5	28.8	
31	37.0	35.1	35.3	34.7	31.1	34.3	30.8	28.1	26.8	17.2	18.0	27.9	32.2	35.8	35.1	36.2	39.2	40.7	37.8	36.7	41.7	37.0	35.7	39.8	17.2	41.7	33.5	
Min	8.8	6.4	7.6	6.1	7.4	6.8	6.4	6.1	5.7	6.3	8.4	8.8	11.8	13.9	12.2	12.5	9.6	8.9	7.2	11.8	9.1	16.1	14.0	5.2	5.2			
Max	40.8	39.7	37.0	38.6	38.4	36.1	35.4	32.2	30.2	25.1	25.9	27.9	32.2	35.8	35.4	39.9	40.5	43.6	47.6	45.8	44.9	42.3	40.6	43.5		47.6		
Avg	25.9	24.1	23.7	23.0	23.0	22.6	20.3	17.3	14.4	13.7	14.5	16.4	18.8	21.5	23.7	25.2	28.5	31.1	32.1	32.9	31.2	30.8	29.1	27.9			24.2	

Total Data Records Possible: 744  
Total Valid Data Records: 611  
Percent Data Recovery: 82.1

#### 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: July  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 08-18-2008  
Printout Time: 12:52:53  
Output File Name: WWWB0708.7

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	13.9	13.0	13.0	13.7	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.1	13.1	13.2	13.1	13.3	13.3	13.4	13.2	13.0	13.9	13.1	13.2	13.0	12.9	13.9	13.2
2	13.1	13.0	13.0	13.0	12.9	13.0	13.0	13.2	13.0	12.9	13.0	13.0	13.1	13.1	13.1	13.0	13.2	13.2	13.1	13.0	13.3	13.3	13.3	13.2	12.9	13.3	13.1
3	13.1	13.2	13.1	13.0	13.1	13.0	13.0	12.9	12.9	13.0	13.2	13.0	13.1	13.1	13.3	13.2	13.1	13.3	13.2	13.0	13.2	13.0	13.0	13.0	12.9	13.3	13.1
4	13.4	13.1	13.0	13.0	13.1	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.2	13.1	13.1	13.1	13.2	13.2	13.1	13.0	13.0	13.0	13.1	13.1	12.9	13.4	13.1
5	13.5	12.9	13.6	13.1	12.9	13.1	13.0	13.0	12.9	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.3	13.3	13.2	13.0	13.1	13.1	13.0	13.1	12.9	13.6	13.1
6	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	13.2	13.0	13.1	13.1	13.1	13.1	13.3	13.3	13.2	13.3	13.1	13.0	13.2	13.0	13.1	12.9	13.3	13.1
7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.1	13.1	13.1	13.3	13.3	13.2	13.2	13.2	13.0	12.9	13.1	12.9	13.0	12.9	13.3	13.1
8	13.1	13.1	13.0	13.1	13.0	13.0	12.9	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.0	13.3	13.0	13.0	13.9	12.9	13.9	13.1
9	13.1	13.0	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.0	13.3	13.1	13.1	13.1	13.0	13.0	13.3	13.0
10	13.1	13.4	13.0	13.0	13.5	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.0	13.1	13.2	13.2	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.0	13.5	13.1
11	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	13.1	13.1	13.0	12.9	13.7	13.1	13.0	12.9	13.7	13.0
12	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.0	13.2	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.2	13.0
13	13.0	12.9	13.0	13.6	13.0	13.9	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.2	13.1	13.1	13.1	13.1	13.1	12.9	13.9	13.1
14	13.0	13.1	13.1	13.0	13.0	13.6	13.0	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.1	13.2	13.2	13.0	13.1	13.8	13.0	13.0	13.0	12.9	13.8	13.1
15	13.1	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.3	13.3	13.1	13.2	13.7	13.1	13.0	13.1	12.9	13.7	13.1
16	13.0	13.1	13.0	13.1	13.0	13.0	12.9	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.0	13.2	13.1	13.0	13.1	13.1	13.0	13.4	13.0	12.9	13.4	13.1
17	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.2	13.1	13.1	13.0	13.1	13.0	13.2	13.0	12.9	13.2	13.0
18	13.1	13.0	13.0	13.0	13.1	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.1	13.2	13.0	13.1	13.1	13.1	12.9	13.2	13.1
19	13.1	13.1	13.0	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.2	13.2	13.2	13.1	13.2	13.2	13.1	13.1	13.0	13.0	13.1	13.0	13.0	12.9	13.2	13.1
20	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	12.9	13.1	13.0
21	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.1	13.0	13.1	13.0	13.2	13.1	13.2	13.1	13.1	13.1	13.1	13.0	13.0	12.9	13.2	13.0
22	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.2	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.0
23	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9	13.1	13.1	13.0	13.0	13.1	12.9	13.1	13.0
24	13.0	13.0	12.9	13.6	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.0	13.0	13.0	12.9	13.1	13.0	12.9	13.6	13.0
25	13.1	13.1	13.0	13.0	13.0	13.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.0	13.0	13.2	13.1	13.0	13.0	13.7	13.1
26	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	12.9	13.0	13.0	13.0	13.1	13.2	13.1	13.0	13.1	13.1	13.0	13.0	13.0	13.0	12.9	13.2	13.0
27	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.8	13.0	13.4	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.1	13.0	13.0	13.8	13.1
28	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.1	13.0	13.0	12.9	13.0	13.0	13.0	12.9	13.1	13.0
29	13.4	13.0	13.0	13.0	13.7	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.2	13.0	13.0	13.0	13.0	13.0	13.1	13.1	12.9	13.7	13.1
30	13.3	13.0	13.1	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	13.2	13.0	13.0	13.1	13.1	13.1	13.2	12.9	13.3	13.0
31	13.0	13.7	13.0	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.2	13.2	13.0	13.0	13.1	13.1	13.0	12.9	13.7	13.1
Min	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	13.0	12.9	12.9	12.9	13.0	12.9	12.9	12.9	13.0	12.9		
Max	13.9	13.7	13.6	13.7	13.7	13.9	13.1	13.8	13.1	13.4	13.2	13.2	13.2	13.2	13.3	13.3	13.3	13.4	13.2	13.3	13.9	13.7	13.4	13.9		13.9	
Avg	13.1	13.0	13.0	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	13.1	13.2	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