

# White Water Wash Meteorological Data

March 2006

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: March  
Year: 2006  
Time Zone: PST

Validation Level: B  
Printout Date: 04-05-2006  
Printout Time: 10:19:29  
Output File Name: WWWB0306.9

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	16.1	16.4	19.4	17.1	16.6	15.3	15.3	18.6	15.9	15.3	11.1	13.5	15.7	17.0	19.9	22.5	21.6	20.1	19.1	21.0	21.2	20.5	18.3	19.9	11.1	22.5	17.8
2	16.4	18.9	19.2	16.0	17.7	13.5	10.8	12.1	13.8	11.8	5.1	6.5	5.5	3.5	3.9	10.7	14.7	15.4	15.9	17.1	18.2	18.7	19.1	20.1	3.5	20.1	13.5
3	21.9	18.9	15.3	15.2	18.1	13.8	5.6	3.4	5.6	4.1	5.3	6.4	8.9	13.4	9.4	16.5	28.5	22.9	21.5	22.8	18.1	21.3	19.2	18.4	3.4	28.5	14.8
4	19.7	21.8	24.6	23.8	20.1	17.2	14.3	16.7	19.9	16.9	16.0	14.8	8.6	5.9	3.7	8.3	15.0	12.4	15.2	15.4	12.0	13.3	9.1	6.6	3.7	24.6	14.6
5	7.0	6.7	7.4	7.7	7.2	6.5	7.3	5.7	4.3	2.4	2.4	6.0	6.2	5.4	5.6	6.1	7.2	8.6	6.1	2.3	3.5	7.0	6.0	5.6	2.3	8.6	5.8
6	4.9	6.2	6.2	4.0	4.9	3.7	5.4	4.0	3.4	2.6	4.4	4.5	5.7	8.7	6.0	7.5	6.6	6.9	4.8	11.4	15.4	17.6	16.3	8.5	2.6	17.6	7.1
7	6.0	3.4	3.7	2.9	1.9	3.9	2.3	2.4	12.4	13.2	19.8	19.5	17.0	15.6	15.9	15.5	13.0	17.1	18.0	19.6	16.5	12.0	15.0	13.3	1.9	19.8	11.7
8	13.6	18.9	13.9	11.8	15.8	11.9	14.8	21.2	22.9	21.8	18.6	15.4	13.3	11.4	9.5	13.2	14.4	18.3	20.1	21.5	20.5	21.2	21.8	20.9	9.5	22.9	16.9
9	13.0	16.5	13.1	5.9	8.7	5.4	3.3	3.4	4.8	13.3	10.7	25.9	22.0	17.9	20.4	26.7	29.7	14.1	7.3	11.1	7.6	6.6	7.3	7.1	3.3	29.7	12.6
10	6.5	4.7	7.8	12.1	8.8	7.4	7.0	10.7	5.3	5.2	4.2	5.0	7.8	10.2	19.1	5.6	7.9	4.9	5.1	4.7	2.5	2.8	6.6	2.4	2.4	19.1	6.8
11	4.0	4.3	4.1	6.2	2.5	2.2	2.8	2.4	3.5	4.3	2.4	5.3	5.6	4.5	4.9	7.2	5.9	5.7	9.9	4.5	4.3	3.1	5.6	5.6	2.2	9.9	4.6
12	5.4	4.9	10.4	9.1	15.9	9.0	4.4	2.4	2.8	2.6	6.0	18.0	17.0	17.5	15.5	18.9	14.6	8.2	6.3	11.9	8.1	11.6	12.4	10.0	2.4	18.9	10.1
13	4.8	9.9	8.2	10.5	14.4	11.7	5.6	7.8	12.9	8.6	4.2	2.9	3.4	3.7	3.9	3.6	2.9	1.3	0.9	3.1	5.1	6.2	8.0	5.9	0.9	14.4	6.2
14	5.4	4.9	5.8	6.0	7.8	6.3	6.8	4.3	3.9	2.6	2.7	4.4	4.2	5.0	5.2	4.1	2.8	3.6	7.5	21.5	20.8	18.9	16.9	11.1	2.6	21.5	7.6
15	4.2	8.9	25.0	25.8	27.2	24.6	23.9	20.4	19.5	15.5	9.9	5.4	4.2	3.9	3.5	6.6	12.7	11.7	13.3	16.6	18.7	19.0	14.9	13.2	3.5	27.2	14.5
16	12.2	13.1	10.9	10.8	9.7	9.6	8.6	9.3	11.4	4.1	2.4	3.6	4.9	5.4	7.3	6.7	5.4	5.3	4.0	3.9	12.4	19.7	20.5	19.8	2.4	20.5	9.2
17	20.5	14.8	14.5	16.2	23.0	20.5	18.3	17.0	16.9	22.2	23.2	15.4	19.4	22.8	19.3	20.8	23.1	24.3	20.1	16.9	24.2	17.1	20.7	17.7	14.5	24.3	19.5
18	18.7	13.3	14.8	19.3	9.7	11.0	16.2	18.7	18.9	8.6	18.0	21.4	17.6	20.3	13.6	8.3	9.8	5.4	5.5	8.4	12.3	11.5	14.9	17.2	5.4	21.4	13.9
19	19.1	20.3	17.0	17.1	17.7	17.7	18.3	17.3	16.1	15.4	20.7	25.4	26.6	25.9	23.2	22.6	25.1	22.9	21.7	8.1	12.1	15.1	15.1	14.3	8.1	26.6	18.9
20	13.4	15.4	15.5	13.9	13.8	12.7	8.2	2.9	4.9	4.4	3.3	3.8	6.2	4.5	11.8	15.0	12.8	6.1	10.6	7.8	12.6	12.0	9.1	7.3	2.9	15.5	9.5
21	4.8	3.2	2.2	14.9	9.5	4.2	6.8	22.7	23.1	15.1	5.2	18.8	22.7	24.8	24.7	24.0	23.3	21.5	23.0	25.0	20.6	20.5	19.0	17.1	2.2	25.0	16.5
22	15.9	14.7	12.1	11.9	10.8	9.2	9.0	8.4	6.0	2.8	5.3	4.1	5.1	5.6	4.2	4.8	3.9	4.1	5.9	5.5	6.1	6.6	7.0	6.2	2.8	15.9	7.3
23	7.4	6.8	7.6	5.5	5.6	6.4	4.7	3.2	0.9	2.9	4.8	4.9	3.8	4.8	6.8	4.9	5.8	5.1	3.5	3.7	6.5	8.0	5.6	7.0	0.9	8.0	5.3
24	5.8	7.1	7.4	8.0	5.9	7.2	6.6	4.0	3.3	2.0	3.3	5.7	5.7	4.7	5.4	4.9	3.5	4.3	4.6	7.6	12.3	14.8	10.6	7.4	2.0	14.8	6.3
25	8.7	8.7	9.1	8.3	8.5	6.2	5.7	12.0	12.4	10.4	11.9	14.1	12.2	15.9	21.7	23.9	28.4	26.6	26.0	24.7	20.2	22.4	18.6	19.2	5.7	28.4	15.6
26	17.7	27.3	27.8	26.7	24.4	20.0	15.8	13.2	8.8	6.7	5.0	4.1	5.1	5.1	4.2	5.2	5.1	4.3	7.0	15.0	16.3	15.4	15.0	14.4	4.1	27.8	12.9
27	14.2	16.3	14.8	14.6	14.1	10.8	17.5	15.9	17.5	15.3	11.0	8.0	4.9	7.7	18.2	21.9	23.7	23.5	24.7	23.1	25.3	21.2	21.9	23.6	4.9	25.3	17.1
28	23.3	21.1	17.8	22.9	25.1	22.5	18.2	5.7	4.3	5.1	4.4	8.6	8.2	13.1	17.8	16.0	14.1	16.2	18.9	16.3	14.1	14.7	8.0	5.6	4.3	25.1	14.2
29	9.9	4.6	5.3	6.7	8.6	11.5	10.8	7.9	21.2	18.7	14.3	10.2	21.1	24.1	24.5	26.4	26.0	23.5	22.5	25.9	23.2	19.0	19.2	23.1	4.6	26.4	17.0
30	22.0	21.5	21.7	21.1	17.3	19.1	17.9	16.2	11.0	9.0	6.8	5.8	4.6	8.0	5.7	4.3	5.7	14.7	15.5	17.1	21.5	19.9	20.6	20.9	4.3	22.0	14.5
31	21.0	19.8	20.2	19.0	17.8	17.5	16.7	20.2	20.1	22.0	21.6	22.6	20.6	22.4	22.3	23.3	24.8	24.0	24.5	24.4	23.4	24.3	24.5	24.7	16.7	24.8	21.7
Min	4.0	3.2	2.2	2.9	1.9	2.2	2.3	2.4	0.9	2.0	2.4	2.9	3.4	3.5	3.5	3.6	2.8	1.3	0.9	2.3	2.5	2.8	5.6	2.4	0.9		
Max	23.3	27.3	27.8	26.7	27.2	24.6	23.9	22.7	23.1	22.2	23.2	25.9	26.6	25.9	24.7	26.7	29.7	26.6	26.0	25.9	25.3	24.3	24.5	24.7		29.7	
Avg	12.4	12.7	13.0	13.3	13.2	11.6	10.6	10.7	11.2	9.8	9.2	10.6	10.8	11.6	12.2	13.1	14.1	13.0	13.2	14.1	14.7	14.9	14.4	13.4			12.4

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: Unit Vector Wind Direction  
 Units: degrees  
 Channel: 10

Site: White Water Wash (data subject to change)  
 Month: March  
 Year: 2006  
 Time Zone: PST

Validation Level: B  
 Printout Date: 04-05-2006  
 Printout Time: 10:19:30  
 Output File Name: WWWB0306.10

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	345	320	312	309	296	306	294	305	297	298	301	307	298	305	307	304	303	303	306	306	301	302	304	301	[WNW]
2	305	301	298	301	302	302	322	313	308	308	303	296	295	215	302	308	309	310	310	307	307	303	301	299	[WNW]
3	301	297	293	293	298	281	244	133	154	111	137	103	36	315	326	316	310	308	306	307	309	307	301	320	[NW ]
4	313	312	307	308	309	316	331	329	310	309	301	304	292	295	273	306	304	308	308	308	315	307	328	322	[NW ]
5	333	335	344	338	351	347	340	332	312	268	80	157	151	152	139	149	136	117	127	43	351	2	354	342	[NNW]
6	329	352	4	285	350	344	12	276	212	161	171	190	127	139	137	160	145	124	186	307	308	308	300	279	[SE ]
7	277	261	282	212	80	276	226	256	286	299	304	310	308	312	323	313	319	317	325	338	359	28	354	52	[NW ]
8	345	309	296	319	299	297	300	299	302	301	297	298	299	309	289	299	295	302	304	304	303	302	301	303	[WNW]
9	290	294	287	289	280	207	75	217	210	277	279	305	303	307	302	295	299	339	353	74	349	175	248	201	[WNW]
10	189	221	293	143	103	76	330	313	170	115	93	97	258	209	288	175	150	233	216	357	304	125	306	7	[ S ]
11	259	227	293	223	272	323	234	302	222	212	240	313	310	302	275	319	331	282	286	173	102	232	237	26	[WNW]
12	223	265	285	280	313	325	301	210	243	112	161	296	308	309	315	298	296	270	284	300	284	293	294	296	[WNW]
13	113	321	299	315	310	298	275	294	307	302	283	213	213	161	193	151	172	179	331	103	317	326	339	343	[NW ]
14	334	314	333	330	353	331	337	320	301	318	167	148	132	136	167	166	176	183	332	302	305	307	307	282	[NW ]
15	277	287	313	312	312	316	311	313	306	300	298	296	220	249	315	304	309	304	302	308	307	305	312	309	[NW ]
16	308	315	329	333	339	338	335	324	317	227	233	177	157	170	143	155	143	130	120	254	292	303	305	305	[NW ]
17	311	295	290	287	301	304	298	292	294	298	306	311	313	312	301	297	302	308	310	312	307	299	296	293	[WNW]
18	299	320	313	320	327	350	298	297	294	265	307	302	310	302	309	191	177	130	90	345	307	304	302	302	[NW ]
19	302	301	300	313	311	309	304	295	296	301	304	302	303	305	310	310	303	313	303	2	304	297	303	297	[WNW]
20	308	301	303	302	302	299	312	231	220	208	189	234	7	3	328	310	331	326	333	307	320	313	322	341	[NW ]
21	334	311	291	305	286	311	272	301	297	323	238	307	291	289	296	298	300	305	306	306	297	304	304	304	[NW ]
22	307	307	336	330	335	343	349	329	315	223	190	161	174	194	160	145	160	134	121	101	329	3	326	350	[NNW]
23	342	346	349	337	344	347	325	304	251	182	160	159	160	169	166	140	135	148	132	304	342	354	322	324	[NNW]
24	330	339	339	342	337	336	349	336	294	270	165	146	150	172	181	178	161	147	30	3	289	303	305	343	[NNW]
25	321	321	313	291	329	328	305	290	290	294	297	297	293	304	309	314	309	311	310	307	302	298	295	307	[NW ]
26	304	318	309	309	312	304	313	309	306	332	336	69	205	319	292	266	274	267	280	307	307	305	309	309	[NW ]
27	310	313	315	308	313	316	306	303	304	309	307	304	168	264	306	307	306	309	308	308	305	305	303	305	[NW ]
28	306	304	293	297	297	303	311	233	223	194	251	308	306	302	310	313	301	313	306	307	317	309	319	308	[NW ]
29	298	282	72	309	284	314	322	318	308	306	311	298	299	299	300	298	301	306	306	301	296	301	312	313	[WNW]
30	304	299	299	313	308	314	307	306	298	305	303	315	208	163	142	181	200	307	310	308	303	304	303	302	[NW ]
31	302	301	304	302	301	299	294	298	301	301	301	302	298	308	306	314	309	309	299	298	303	306	309	313	[WNW]

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

Total Data Records Possibe: 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: 04-05-2006  
Printout Time: 10:19:30  
Output File Name: WWWB0306.10t

```
Total Data Records Possibe:    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: March  
 Year: 2006  
 Time Zone: PST

Validation Level: B  
 Printout Date: 04-05-2006  
 Printout Time: 10:19:31  
 Output File Name: WWWB0306.11

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	10.9	9.6	7.8	9.2	11.2	10.9	9.5	8.8	8.8	9.6	18.4	15.4	13.7	12.1	9.5	8.1	8.1	8.3	9.9	8.4	8.0	7.9	8.7	8.3	7.8	18.4	10.0
2	9.1	9.6	8.4	8.7	8.7	9.8	9.7	9.4	8.0	9.3	37.3	28.4	54.0	48.5	57.9	20.0	13.8	11.1	9.4	8.8	8.2	7.8	7.4	7.8	7.4	57.9	17.1
3	7.9	7.8	8.9	8.8	8.4	15.0	29.5	26.5	15.1	43.6	45.4	35.1	42.8	14.7	34.0	40.0	13.3	12.9	14.1	13.6	11.7	8.6	14.1	11.3	7.8	45.4	20.1
4	8.8	8.9	8.1	8.3	7.5	8.8	9.9	8.6	8.4	9.3	9.6	10.8	18.7	32.1	51.4	18.7	8.2	8.4	7.8	7.6	10.7	7.0	8.4	8.9	7.0	51.4	12.3
5	9.4	9.7	6.3	5.7	6.1	4.5	3.3	7.5	12.0	39.7	56.3	27.0	23.1	34.2	35.4	27.4	19.4	8.5	9.3	45.2	18.7	7.2	7.7	11.8	3.3	56.3	18.1
6	15.8	9.4	15.4	21.8	15.9	15.4	14.3	40.6	16.3	52.7	17.7	17.5	52.7	16.2	25.2	13.7	15.3	11.2	16.1	15.8	8.5	8.3	8.3	13.3	8.3	52.7	19.1
7	12.6	24.1	37.8	44.8	47.5	19.3	56.1	41.8	28.6	20.6	14.5	18.4	20.0	39.3	24.2	22.2	25.1	30.6	46.1	12.4	38.5	35.9	29.5	23.2	12.4	56.1	29.7
8	23.4	9.3	21.6	31.2	13.7	20.5	23.7	9.3	8.4	8.9	11.3	14.3	15.6	14.8	21.1	12.7	10.2	8.0	7.8	9.1	7.8	7.8	8.3	8.3	7.8	31.2	13.6
9	10.8	10.4	14.4	40.3	38.2	61.8	63.6	45.7	50.5	26.3	44.3	13.4	18.1	22.1	13.9	10.0	9.3	49.8	52.4	29.9	45.3	74.5	56.3	56.0	9.3	74.5	35.7
10	57.7	85.9	59.4	39.7	23.3	27.1	41.5	15.5	62.3	26.2	30.6	54.0	55.4	24.5	14.3	45.3	15.9	49.0	44.6	21.3	44.0	34.5	24.3	14.7	14.3	85.9	38.0
11	29.3	12.1	20.6	39.7	28.2	21.1	28.0	45.1	12.7	12.1	25.5	14.3	14.4	22.5	25.4	23.8	28.7	14.8	23.0	40.1	48.3	33.8	43.6	36.6	12.1	48.3	26.8
12	45.6	44.5	18.3	51.5	13.4	51.3	42.5	62.7	46.7	54.2	38.4	18.3	11.1	12.5	11.4	11.9	13.3	20.0	31.7	8.6	20.0	9.1	8.0	9.4	8.0	62.7	27.3
13	31.6	12.9	17.4	23.3	9.1	11.8	21.6	31.5	9.3	16.2	37.1	55.2	50.7	52.5	48.0	39.8	39.5	15.3	49.9	38.8	9.9	6.0	5.5	7.2	5.5	55.2	26.7
14	10.9	7.7	6.2	6.6	5.2	4.8	7.6	10.6	11.9	39.7	62.0	26.0	48.5	40.5	21.5	25.9	23.2	17.1	18.0	10.5	9.7	10.4	14.4	37.0	4.8	62.0	19.8
15	57.2	37.8	9.7	8.4	7.3	7.8	7.9	8.3	7.9	8.4	21.8	45.0	48.2	42.5	73.0	33.3	10.1	7.7	7.6	7.5	7.9	7.2	8.0	8.0	7.2	73.0	20.4
16	8.4	10.3	8.2	10.2	8.3	7.4	6.9	9.6	10.4	26.5	32.3	30.2	32.9	33.6	23.9	20.7	15.0	9.6	41.3	55.2	13.0	7.8	7.9	8.1	6.9	55.2	18.2
17	9.8	15.6	16.4	14.2	9.0	9.1	8.4	8.8	10.3	10.5	11.1	27.3	16.6	16.0	17.5	13.5	12.5	11.1	11.5	15.2	11.2	16.9	18.2	9.9	8.4	27.3	13.3
18	14.0	12.7	18.8	9.9	20.2	15.9	14.4	9.3	12.9	56.6	18.9	17.8	25.1	12.6	33.9	66.4	22.9	33.3	18.1	22.6	10.4	12.9	10.1	9.4	9.3	66.4	20.8
19	8.4	7.8	12.0	9.3	8.7	7.9	8.2	8.9	10.4	12.7	10.9	9.1	9.0	9.1	10.6	10.5	10.0	9.1	12.6	35.0	39.7	8.6	8.4	11.8	7.8	39.7	12.0
20	9.8	9.1	9.9	11.4	9.9	11.5	12.4	18.4	32.6	31.4	54.6	58.4	45.5	73.9	28.5	12.6	14.1	47.4	19.0	40.3	12.1	12.8	12.8	14.6	9.1	73.9	25.1
21	27.0	17.7	21.8	10.0	21.4	52.6	49.6	8.3	8.7	24.2	58.3	29.0	10.9	10.3	9.6	9.6	10.0	8.2	8.1	7.9	8.4	8.3	10.2	9.9	7.9	58.3	18.3
22	9.0	9.5	11.3	10.5	10.3	9.1	9.8	10.6	18.2	31.1	23.0	49.1	49.2	38.6	59.9	22.9	22.8	11.3	9.6	35.9	14.2	6.7	13.6	9.6	6.7	59.9	20.6
23	4.9	6.3	8.5	9.2	9.1	9.3	8.2	15.5	38.2	40.8	22.9	29.5	47.9	41.9	27.1	27.5	15.3	6.8	29.7	29.4	7.8	6.1	6.7	8.7	4.9	47.9	19.1
24	9.1	7.4	6.4	6.7	11.2	7.9	11.7	19.5	12.0	36.2	34.8	22.3	41.5	29.1	26.5	30.7	18.4	5.6	36.5	24.5	9.9	7.2	8.1	16.8	5.6	41.5	18.3
25	10.8	13.2	14.1	11.4	15.8	18.0	28.0	19.3	11.6	17.4	12.1	15.0	20.7	17.7	16.5	13.4	8.6	8.6	8.3	9.8	13.2	15.1	14.2	15.4	8.3	28.0	14.5
26	19.1	8.3	9.9	9.2	8.4	8.0	7.2	8.6	9.6	19.0	34.0	57.4	36.8	45.5	58.8	21.5	16.0	11.4	7.2	7.1	6.8	6.8	7.0	7.6	6.8	58.8	18.0
27	7.2	7.7	7.8	8.3	8.2	8.5	7.6	8.4	8.0	9.0	14.8	32.9	45.1	40.0	12.0	10.2	8.1	12.4	10.8	12.7	8.3	9.6	9.3	8.0	7.2	45.1	13.1
28	8.8	8.0	10.3	8.7	9.0	8.5	12.5	52.6	20.3	22.6	52.2	17.9	15.5	13.4	10.0	19.5	19.4	17.2	11.4	12.8	17.6	11.1	24.8	27.6	8.0	52.6	18.0
29	15.9	38.6	42.4	28.8	31.0	19.5	15.4	18.5	11.8	15.6	31.2	38.7	14.2	13.3	10.8	8.5	8.6	8.7	8.2	7.7	8.6	10.0	9.7	7.4	7.4	42.4	17.6
30	8.4	8.4	7.8	7.5	8.9	9.4	7.7	7.4	12.1	14.6	49.2	48.1	40.3	22.9	39.8	46.6	48.8	9.1	8.6	10.2	8.8	7.9	7.8	7.5	7.4	49.2	18.7
31	7.5	7.6	7.7	8.1	7.7	8.7	9.7	8.1	8.2	8.4	8.8	8.4	11.9	11.8	13.1	10.2	9.0	8.6	8.1	8.8	8.2	7.8	8.2	7.6	7.5	13.1	8.9
Min	4.9	6.3	6.2	5.7	5.2	4.5	3.3	7.4	7.9	8.4	8.8	8.4	9.0	9.1	9.5	8.1	8.1	5.6	7.2	7.1	6.8	6.0	5.5	7.2	3.3		
Max	57.7	85.9	59.4	51.5	47.5	61.8	63.6	62.7	62.3	56.6	62.0	58.4	55.4	73.9	73.0	66.4	48.8	49.8	52.4	55.2	48.3	74.5	56.3	56.0	85.9		
Avg	16.7	15.7	15.3	16.8	14.2	16.2	18.9	19.5	17.5	24.3	30.3	28.5	30.6	27.7	27.9	22.5	16.6	15.8	19.2	19.8	16.0	13.6	13.8	14.2			19.7

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: March  
Year: 2006  
Time Zone: PST

Validation Level: B  
Printout Date: 04-05-2006  
Printout Time: 10:19:35  
Output File Name: WWWB0306.17

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	26.2	30.7	30.8	30.2	26.8	27.6	28.6	30.3	26.1	23.8	19.9	23.6	29.0	26.7	30.8	32.3	33.8	31.6	32.3	32.0	33.1	31.6	30.2	32.3	19.9	33.8	29.2
2	29.2	34.2	31.0	24.5	28.9	23.9	20.7	21.3	21.4	18.4	13.4	14.3	15.3	8.3	9.9	19.6	28.3	24.8	27.3	28.6	27.8	29.1	28.3	32.5	8.3	34.2	23.4
3	31.9	27.7	26.2	24.5	26.8	27.6	11.4	6.9	10.9	11.0	13.9	19.3	26.6	31.0	24.9	40.3	47.9	46.5	42.1	41.7	41.1	34.4	34.6	27.5	6.9	47.9	28.2
4	30.9	33.8	37.8	38.6	30.1	26.0	22.4	26.0	27.6	24.0	22.6	21.7	17.5	18.6	9.9	16.9	21.4	20.0	23.2	22.2	18.9	18.3	18.7	12.6	9.9	38.6	23.3
5	10.4	9.0	10.1	11.4	8.8	8.9	8.7	8.8	6.3	5.9	6.6	13.3	12.6	11.4	13.9	14.3	13.7	12.9	10.8	6.6	7.4	8.8	8.8	8.0	5.9	14.3	9.9
6	8.2	9.1	10.0	7.6	7.2	6.6	7.6	10.2	6.3	6.6	7.2	9.4	14.2	14.5	12.8	12.7	10.2	10.7	11.3	24.6	24.1	25.6	25.4	17.4	6.3	25.6	12.5
7	12.6	7.6	9.5	7.1	6.5	7.2	6.8	7.2	25.9	27.5	37.1	35.7	35.8	34.1	39.6	36.1	35.1	50.5	48.0	31.1	35.0	29.8	35.7	26.5	6.5	50.5	26.2
8	33.5	32.2	32.6	28.9	31.4	24.4	34.3	38.9	33.0	33.9	33.3	27.8	24.0	18.5	17.5	22.6	23.2	28.9	31.9	32.8	30.5	35.9	33.0	31.2	17.5	38.9	29.8
9	24.3	30.8	27.1	13.4	22.9	17.1	7.6	8.0	17.4	32.6	36.1	43.3	39.5	37.1	41.7	44.1	48.0	42.4	22.4	24.1	20.3	20.3	18.1	25.1	7.6	48.0	27.7
10	25.6	14.4	22.5	28.4	24.8	14.0	21.6	25.0	12.0	12.1	10.2	11.7	18.8	28.7	41.6	12.9	13.8	11.4	9.8	10.8	10.9	7.2	16.3	6.8	6.8	41.6	17.1
11	7.1	6.6	6.8	11.1	6.2	3.7	6.0	4.8	6.1	7.8	5.3	10.1	12.0	11.4	11.8	15.6	15.8	13.8	21.5	10.2	8.9	7.4	15.9	12.9	3.7	21.5	10.0
12	11.8	16.8	22.7	23.0	29.7	24.1	11.3	7.4	8.0	9.4	21.0	30.2	25.7	33.2	26.3	35.7	23.5	18.6	17.5	19.2	18.3	22.1	18.8	19.1	7.4	35.7	20.6
13	10.5	19.6	18.1	21.7	24.0	21.6	10.0	20.7	19.3	16.6	11.0	7.8	9.6	10.1	9.1	9.9	8.8	6.4	3.8	6.3	7.8	8.4	10.7	9.9	3.8	24.0	12.6
14	7.7	7.8	7.5	8.2	9.6	8.5	10.1	6.9	6.4	5.4	11.3	10.2	9.9	11.1	10.2	9.1	7.8	6.9	25.0	42.1	34.6	32.7	30.5	28.3	5.4	42.1	14.5
15	12.9	30.7	41.7	44.8	39.1	38.1	37.3	31.6	27.0	24.4	17.0	12.6	9.8	13.1	10.0	18.1	19.1	18.3	22.3	28.8	30.8	27.8	22.9	20.1	9.8	44.8	24.9
16	20.0	21.9	16.7	17.2	15.4	14.5	13.0	16.4	18.4	13.1	4.9	9.1	10.3	12.1	13.6	13.1	10.7	8.4	7.0	6.9	27.8	28.9	33.5	31.4	4.9	33.5	16.0
17	34.6	27.4	26.7	31.9	38.7	36.1	28.1	28.9	27.6	41.6	39.8	36.2	37.6	37.4	37.7	37.0	40.5	36.9	37.5	42.4	47.8	33.5	39.3	33.0	26.7	47.8	35.8
18	35.6	26.9	29.2	35.4	21.5	24.9	31.4	32.3	31.6	33.6	35.3	37.1	33.6	36.8	33.1	20.7	24.0	14.2	10.4	18.4	22.2	24.2	24.6	28.7	10.4	37.1	27.7
19	28.7	31.4	29.1	28.3	29.0	28.2	31.4	26.9	25.5	25.6	32.8	38.8	39.8	41.5	36.2	36.3	40.8	39.1	38.3	27.8	23.8	24.8	24.3	24.6	23.8	41.5	31.4
20	26.8	26.1	25.4	25.9	21.3	25.5	20.2	7.0	12.1	8.3	9.3	11.1	15.8	12.9	27.3	27.6	25.3	23.1	23.8	22.7	22.9	20.5	18.6	15.4	7.0	27.6	19.8
21	14.0	7.0	11.8	33.2	28.0	16.1	22.4	35.7	35.2	28.9	14.1	35.9	34.9	38.9	35.9	35.3	36.0	33.3	35.3	37.6	31.6	32.1	32.2	32.8	7.0	38.9	29.1
22	28.4	27.4	19.0	21.0	18.4	14.0	13.1	12.1	10.3	7.1	9.9	9.1	13.5	12.6	12.9	9.2	8.8	7.2	11.1	10.3	9.4	8.7	9.4	8.5	7.1	28.4	13.0
23	9.6	9.0	11.9	9.3	8.8	9.0	7.6	6.6	3.7	8.3	9.4	12.3	10.0	11.5	12.8	9.6	10.5	8.0	5.6	7.7	9.5	10.4	8.0	9.0	3.7	12.8	9.1
24	8.1	9.5	9.9	10.7	9.1	10.2	10.7	8.6	4.9	4.4	10.6	12.6	12.6	10.9	10.7	11.3	8.6	6.2	10.7	14.6	21.9	22.4	16.6	12.9	4.4	22.4	11.2
25	14.0	16.5	19.4	15.5	17.3	9.9	14.0	24.1	21.8	22.0	22.6	25.9	28.9	32.4	36.8	49.0	45.8	44.1	39.3	41.9	38.5	43.8	41.7	41.7	9.9	49.0	29.5
26	33.8	45.2	44.5	42.0	41.9	28.5	23.6	19.9	15.3	11.3	11.9	9.6	10.7	10.8	9.4	9.1	9.4	6.3	17.0	22.0	23.8	22.4	21.1	21.7	6.3	45.2	21.3
27	21.3	25.5	23.9	23.3	22.6	22.1	24.7	25.0	27.1	22.5	20.0	17.8	12.6	24.5	29.3	35.6	35.8	41.7	43.3	41.9	37.3	33.0	37.3	36.5	12.6	43.3	28.5
28	39.7	31.4	33.4	35.4	42.3	37.8	32.4	16.4	8.4	9.6	17.2	15.3	16.4	26.3	30.8	31.1	36.3	30.5	33.0	34.3	25.4	24.2	20.1	12.1	8.4	42.3	26.7
29	21.0	7.3	12.7	20.9	24.1	25.4	26.7	21.2	34.3	32.4	31.2	31.9	37.3	41.3	41.1	39.8	38.2	41.3	36.8	38.7	37.5	29.2	29.7	35.2	7.3	41.3	30.6
30	35.3	32.6	32.7	30.8	26.9	31.7	28.5	24.5	19.7	17.4	14.7	13.9	14.9	14.7	14.3	9.3	18.9	25.3	30.3	27.9	34.1	31.7	32.4	30.2	9.3	35.3	24.7
31	30.8	29.6	31.2	30.0	29.6	27.4	26.2	29.7	32.1	32.9	31.3	33.1	35.7	37.3	38.4	34.0	40.1	40.0	39.4	39.7	36.5	37.9	37.6	37.8	26.2	40.1	34.1
Min	7.1	6.6	6.8	7.1	6.2	3.7	6.0	4.8	3.7	4.4	4.9	7.8	9.6	8.3	9.1	9.1	7.8	6.2	3.8	6.3	7.4	7.2	8.0	6.8	3.7		
Max	39.7	45.2	44.5	44.8	42.3	38.1	37.3	38.9	35.2	41.6	39.8	43.3	39.8	41.5	41.7	49.0	48.0	50.5	48.0	42.4	47.8	43.8	41.7	41.7	50.5		
Avg	22.1	22.1	23.0	23.7	23.2	20.7	19.3	19.0	18.8	18.7	18.7	20.7	21.5	22.9	23.6	24.1	25.2	24.2	24.8	25.7	25.8	24.8	25.0	23.3			22.5

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: Battery Voltage  
Units: volts  
Channel: 7

Site: White Water Wash (data subject to change)  
Month: March  
Year: 2006  
Time Zone: PST

Validation Level: B  
Printout Date: 04-05-2006  
Printout Time: 10:19:28  
Output File Name: WWWB0306.7

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

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