

White Water Wash Meteorological Data

July 2004

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 6

Site: White Water Wash (data subject to change)
Month: July
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 08-05-2004
Printout Time: 09:10:38
Output File Name: WWWB0704.6

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	26.9	22.2	18.9	15.1	18.3	16.8	15.8	17.3	13.3	11.7	8.0	9.9	8.7	13.1	16.2	14.5	18.7	20.0	22.2	23.5	23.5	25.1	23.5	24.1	8.0	26.9	17.8
2	18.5	17.5	20.7	15.9	16.8	20.0	22.1	15.2	5.6	5.7	4.0	7.4	5.9	7.1	16.8	22.6	25.8	25.8	26.8	26.4	27.1	28.4	28.6	27.2	4.0	28.6	18.2
3	26.8	25.6	27.3	28.7	28.3	28.8	28.8	30.3	29.4	24.9	17.6	15.8	15.9	18.9	25.1	25.5	25.3	25.9	25.7	27.6	29.1	25.8	23.5	22.8	15.8	30.3	25.1
4	25.1	24.5	23.9	23.6	22.7	18.4	7.4	4.2	4.7	6.4	4.9	4.6	5.8	6.7	7.9	8.3	7.4	14.4	15.1	17.0	17.4	17.6	17.8	18.7	4.2	25.1	13.5
5	22.7	21.7	18.6	19.9	18.4	15.1	11.9	6.0	4.0	6.5	8.0	9.1	8.3	9.6	9.7	8.9	8.3	14.9	18.0	20.9	24.3	21.6	20.9	18.6	4.0	24.3	14.4
6	16.9	16.4	15.8	14.3	13.5	13.1	8.7	4.4	4.7	6.0	8.3	8.8	7.5	8.4	9.4	8.3	10.4	8.2	11.1	21.3	22.5	24.2	23.3	23.7	4.4	24.2	12.9
7	23.8	25.6	23.2	25.1	22.6	16.0	22.4	12.4	5.8	9.7	6.5	5.4	5.4	8.2	18.2	26.9	24.2	25.1	24.9	26.4	29.9	25.7	29.3	28.9	5.4	29.9	19.7
8	26.8	23.7	20.7	23.8	23.3	20.5	19.3	16.8	10.3	11.2	11.2	9.4	9.6	12.2	15.6	17.1	17.5	23.0	30.1	29.5	29.7	28.9	28.9	27.2	9.4	30.1	20.3
9	24.5	17.5	17.9	15.6	18.4	15.4	5.2	5.0	10.4	6.7	4.0	3.0	4.7	6.3	4.3	17.4	20.6	21.2	21.5	22.4	23.6	26.3	22.5	23.0	3.0	26.3	14.9
10	21.3	18.2	16.9	13.8	13.6	16.0	15.5	11.9	7.9	3.3	5.9	7.9	7.3	6.7	7.8	15.7	20.2	22.4	20.3	23.0	25.6	25.3	24.6	23.9	3.3	25.6	15.6
11	16.3	13.8	15.3	15.2	15.5	18.1	9.1	3.6	4.8	9.7	11.6	10.8	10.7	10.1	8.5	8.5	8.6	20.8	21.1	18.4	20.6	20.3	22.8	23.5	3.6	23.5	14.1
12	22.0	16.4	17.4	15.7	13.4	14.4	12.8	12.6	4.4	7.5	13.3	13.3	10.3	7.8	10.1	8.4	12.7	22.3	22.2	21.1	22.7	23.0	24.0	23.2	4.4	24.0	15.5
13	20.7	17.6	7.1	4.7	3.1	6.6	4.5	2.3	4.2	7.3	9.0	11.1	10.7	10.6	10.4	8.2	6.8	7.5	18.6	21.3	21.0	19.9	19.3	17.9	2.3	21.3	11.3
14	16.6	7.4	8.5	6.2	4.1	9.9	11.1	11.3	12.8	11.9	11.1	9.3	10.6	11.1	11.3	13.0	12.4	8.5	6.7	3.0	1.3	2.0	1.6	7.3	1.3	16.6	8.7
15	13.7	16.3	14.6	13.8	11.7	10.8	8.1	3.9	3.6	4.9	8.5	14.2	17.5	22.9	25.3	26.0	27.1	29.2	29.6	31.2	31.0	30.4	28.5	27.8	3.6	31.2	18.8
16	27.6	25.5	26.5	26.8	26.2	24.0	19.0	18.1	13.5	12.4	8.8	5.7	11.4	13.6	19.9	25.4	27.2	29.2	29.0	32.0	32.7	30.4	28.8	28.7	5.7	32.7	22.6
17	27.1	22.0	21.4	19.9	18.3	17.7	18.9	9.3	5.2	6.1	4.8	3.8	10.1	16.9	18.3	18.3	22.3	22.5	23.6	22.2	24.8	24.3	25.9	24.3	3.8	27.1	17.8
18	20.5	14.6	18.5	19.2	18.5	15.1	15.2	14.2	7.1	5.4	5.0	5.0	6.6	7.9	8.0	8.2	20.3	20.8	22.8	22.6	25.7	26.1	24.2	25.3	5.0	26.1	15.7
19	25.4	25.2	22.8	21.3	19.6	13.3	14.8	5.2	5.3	5.1	4.2	4.3	7.1	6.0	18.4	21.7	23.8	23.9	25.6	26.1	24.9	23.1	22.4	23.5	4.2	26.1	17.2
20	22.9	21.4	23.2	21.6	19.5	17.6	16.7	13.5	4.7	4.7	4.5	5.4	7.0	7.3	10.2	20.3	23.6	24.4	23.5	25.3	24.2	23.4	23.6	19.7	4.5	25.3	17.0
21	21.2	20.9	21.1	22.4	21.6	21.1	20.8	20.2	17.7	9.1	6.0	9.3	10.0	17.8	20.6	22.0	22.3	26.0	27.9	28.6	28.2	29.5	30.3	28.1	6.0	30.3	20.9
22	25.3	24.5	25.0	25.4	16.4	16.1	14.7	10.6	6.9	4.8	5.0	7.3	10.4	13.4	16.8	19.6	22.0	24.2	25.4	28.0	27.1	26.9	25.6	25.3	4.8	28.0	18.6
23	24.8	23.1	22.5	21.5	5.7	3.3	4.3	6.5	6.4	6.1	6.7	5.9	6.1	4.9	7.2	7.9	6.9	6.9	7.2	15.5	15.0	15.5	10.3	5.9	3.3	24.8	10.3
24	8.3	7.5	7.0	5.8	5.8	7.1	3.5	3.9	3.4	4.4	6.6	6.8	8.1	11.0	12.5	12.0	11.1	9.5	7.2	4.6	9.6	11.8	12.0	9.4	3.4	12.5	7.9
25	5.2	5.2	7.9	5.9	5.8	4.4	4.7	3.5	2.9	3.1	4.1	4.9	7.6	8.3	10.3	11.1	9.2	11.3	14.1	17.2	20.3	17.7	15.7	16.8	2.9	20.3	9.0
26	13.6	7.4	7.7	4.7	3.1	4.4	5.9	11.1	9.2	7.2	6.4	6.4	9.1	9.1	9.3	9.7	10.6	9.1	8.6	4.6	4.0	5.4	11.1	12.0	3.1	13.6	7.9
27	11.3	7.4	5.3	7.9	3.5	4.8	4.1	8.6	7.7	6.0	5.0	5.4	10.7	18.1	21.4	25.5	27.9	30.3	31.1	27.7	29.1	29.3	27.2	21.7	3.5	31.1	15.7
28	21.2	24.7	27.4	22.9	20.9	18.2	13.9	11.5	7.4	11.7	15.2	21.3	22.6	22.9	22.7	24.3	25.6	27.1	27.6	29.7	30.7	27.6	24.9	26.4	7.4	30.7	22.0
29	25.3	26.1	24.7	21.7	8.9	11.4	3.8	4.2	6.7	5.6	3.0	5.2	5.0	6.3	7.6	7.7	10.1	20.3	19.8	20.4	21.8	20.0	18.0	18.5	3.0	26.1	13.4
30	14.0	10.5	11.8	9.2	9.8	5.0	2.3	1.6	6.0	8.1	7.1	6.0	6.5	6.8	14.7	19.7	20.6	20.4	22.0	20.5	22.9	23.1	23.5	20.6	1.6	23.5	13.0
31	22.9	19.8	20.9	17.9	16.3	16.4	12.9	5.1	10.3	13.2	9.6	6.4	4.9	6.5	6.0	8.8	7.3	18.5	19.7	22.0	23.2	23.2	21.7	21.2	4.9	23.2	14.8
Min	5.2	5.2	5.3	4.7	3.1	3.3	2.3	1.6	2.9	3.1	3.0	3.0	4.7	4.9	4.3	7.7	6.8	6.9	6.7	3.0	1.3	2.0	1.6	5.9	1.3		
Max	27.6	26.1	27.4	28.7	28.3	28.8	28.8	30.3	29.4	24.9	17.6	21.3	22.6	22.9	25.3	26.9	27.9	30.3	31.1	32.0	32.7	30.4	30.3	28.9		32.7	
Avg	20.6	18.4	18.1	16.9	15.0	14.2	12.2	9.8	7.9	7.9	7.5	8.0	9.1	10.9	13.6	15.9	17.3	19.8	20.9	21.9	23.0	22.6	22.1	21.5			15.6

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 1.1

Variable: Unit Vector Wind Direction
 Units: degrees
 Channel: 7

Site: White Water Wash (data subject to change)
 Month: July
 Year: 2004
 Time Zone: PST

Validation Level: B
 Printout Date: 08-05-2004
 Printout Time: 09:10:38
 Output File Name: WWWB0704.7

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	Prev
1	304	305	306	300	310	317	317	315	303	306	314	310	306	311	306	312	302	301	304	307	305	304	304	303	[NW]
2	305	313	321	322	317	311	308	294	234	199	178	161	151	221	300	304	304	302	302	303	301	301	304	306	[WNW]
3	309	310	303	302	302	301	302	305	305	302	305	307	309	308	303	301	302	301	301	304	301	301	304	312	[WNW]
4	314	312	311	310	309	295	253	228	192	158	158	147	136	138	136	134	129	306	307	305	306	304	307	308	[NW]
5	310	314	315	314	310	306	289	242	149	149	147	140	145	130	135	123	133	310	300	302	304	304	306	309	[NW]
6	312	314	313	317	322	308	276	179	168	149	146	145	148	145	129	151	285	252	272	304	303	303	303	303	[NW]
7	300	296	294	296	292	280	297	247	159	136	124	147	140	262	314	306	303	307	307	308	305	304	306	307	[NW]
8	305	323	298	298	297	300	297	293	267	293	298	295	315	320	316	311	307	302	304	306	305	302	302	303	[WNW]
9	303	316	297	304	303	307	257	192	125	150	142	171	166	138	178	309	310	306	306	306	304	301	303	300	[WNW]
10	300	299	300	305	310	306	311	307	298	241	156	156	134	117	111	313	313	307	308	302	301	300	299	295	[WNW]
11	334	325	316	325	326	310	309	244	160	124	132	128	135	144	143	148	197	301	301	308	305	302	302	301	[NW]
12	302	329	323	324	324	328	320	306	207	159	129	122	120	139	137	144	269	305	305	305	307	302	302	301	[NW]
13	300	296	203	155	309	1	1	345	153	157	143	138	132	141	150	148	92	18	304	303	309	305	302	299	[WNW]
14	297	169	117	114	129	116	116	124	127	137	137	128	125	132	139	121	122	136	135	156	144	299	314	299	[SE]
15	307	306	305	298	289	295	288	239	236	259	277	297	302	305	303	304	303	302	302	303	304	302	303	302	[WNW]
16	301	302	302	302	303	300	293	300	302	305	296	263	293	308	307	304	302	302	302	300	301	302	300	298	[WNW]
17	299	302	315	314	307	301	301	255	183	177	170	134	298	306	303	306	305	305	305	304	308	305	305	303	[NW]
18	301	292	312	316	312	317	315	300	224	196	172	140	142	124	155	248	305	310	308	311	307	303	301	301	[NW]
19	300	298	299	299	302	310	320	249	195	171	149	121	149	140	304	308	309	305	305	301	298	302	308	303	[WNW]
20	299	297	299	301	307	311	311	299	257	179	161	157	147	141	252	305	305	305	307	306	301	304	304	307	[NW]
21	309	305	298	306	312	307	298	296	292	259	230	262	317	317	308	306	306	306	305	302	304	303	302	302	[NW]
22	301	301	302	300	304	312	305	283	242	212	172	301	326	308	319	310	307	306	306	305	306	304	301	303	[NW]
23	302	306	306	302	266	236	98	121	135	149	157	143	149	153	147	155	149	131	47	294	298	308	324	10	[SSE]
24	328	341	329	354	334	320	341	169	131	119	137	129	128	149	138	134	128	131	130	120	315	319	321	309	[SE]
25	349	329	341	337	331	56	169	136	147	239	138	146	138	130	131	125	147	278	291	301	299	302	307	305	[SE]
26	346	1	330	332	30	302	115	129	119	122	143	129	139	143	142	151	128	137	138	122	206	328	309	306	[SE]
27	302	282	291	299	333	110	189	120	148	149	151	155	278	316	306	305	305	301	300	301	300	303	305	301	[WNW]
28	301	297	293	292	286	286	279	254	231	295	296	300	303	303	303	302	303	302	303	302	300	301	303	302	[WNW]
29	302	297	299	292	267	291	221	203	167	158	186	146	142	148	132	134	291	303	303	305	304	303	304	307	[WNW]
30	312	341	324	318	307	315	254	212	160	161	150	152	136	192	309	309	307	306	305	312	306	302	299	298	[NW]
31	300	313	306	310	317	322	318	203	161	139	135	151	185	147	129	120	89	305	303	303	304	306	305	305	[NW]

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

Total Data Records Possible: 744
 Total Valid Data Records: 744
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Processed using: TABLE.EXE version 1.1

Validation Level: B
Printout Date: 08-05-2004
Printout Time: 09:10:38
Output File Name: WWWB0704.7t

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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 1.1

Variable: Sigma Theta (Yamartino)
Units: degrees
Channel: 8

Site: White Water Wash (data subject to change)
Month: July
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 08-05-2004
Printout Time: 09:10:39
Output File Name: WWWB0704.8

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	6.9	8.4	9.6	10.8	7.5	12.9	11.3	7.4	10.8	13.4	26.4	25.9	30.1	19.1	13.5	14.7	9.8	8.9	7.0	7.1	7.4	6.7	6.5	6.5	6.5	30.1	12.0	
2	9.1	9.7	7.1	8.7	6.9	6.7	6.4	11.4	20.0	19.3	47.0	30.0	33.3	52.4	15.7	10.4	8.7	7.5	7.0	7.1	7.0	6.3	6.8	6.9	6.3	52.4	14.6	
3	6.9	7.7	7.1	6.8	6.8	6.4	6.7	6.2	6.0	6.2	10.7	11.3	13.2	10.5	8.4	8.6	9.4	7.8	7.4	8.7	7.2	6.8	6.8	9.2	6.0	13.2	8.0	
4	7.3	7.0	6.7	6.6	7.0	9.7	28.2	19.7	20.0	18.0	31.3	29.4	27.8	25.4	19.6	19.3	32.1	11.9	9.4	7.9	6.8	7.1	6.0	6.3	6.0	32.1	15.4	
5	7.1	7.3	7.8	6.9	6.9	8.7	8.4	15.2	27.8	19.3	18.1	17.4	21.1	15.8	15.0	16.6	14.7	34.7	10.6	8.4	6.6	6.6	6.8	6.9	6.6	34.7	13.1	
6	6.6	6.5	6.9	7.6	7.9	8.5	17.2	16.1	15.6	21.7	14.3	17.8	22.4	18.2	16.5	20.8	43.0	48.8	32.1	7.2	6.6	6.7	7.1	6.6	6.5	48.8	15.9	
7	6.6	6.4	7.8	7.7	8.8	10.4	7.8	26.5	17.5	12.3	29.4	35.7	37.2	47.8	16.8	8.5	11.4	10.4	9.3	12.5	7.9	10.6	8.2	8.7	6.4	47.8	15.2	
8	7.8	10.8	10.6	8.2	7.8	8.3	8.5	10.1	24.4	18.9	21.6	23.9	39.5	29.6	20.4	16.3	13.5	12.0	8.4	8.2	7.8	7.0	8.4	9.3	7.0	39.5	14.2	
9	8.9	10.8	8.4	9.4	7.6	8.9	30.7	15.6	13.0	19.2	44.3	51.8	39.7	28.7	67.2	17.2	10.1	10.4	9.7	9.1	8.5	6.8	7.1	6.8	6.8	67.2	18.8	
10	6.9	6.7	6.7	7.6	7.6	6.3	7.0	8.3	21.0	52.2	34.5	19.8	24.3	53.2	27.7	17.3	11.5	7.5	7.6	8.2	6.6	6.9	6.9	7.1	6.3	53.2	15.4	
11	11.9	15.3	6.9	6.6	6.5	7.8	13.3	22.9	19.4	12.9	14.2	14.4	14.7	15.1	16.9	13.6	29.0	8.9	7.2	8.6	7.9	7.0	6.2	6.9	6.2	29.0	12.3	
12	7.3	9.0	6.8	10.7	9.7	8.1	7.2	10.7	22.9	22.7	12.2	12.1	16.5	19.9	14.2	13.3	34.3	9.0	10.9	9.4	9.4	7.3	6.7	7.4	6.7	34.3	12.4	
13	7.4	7.9	15.3	41.5	46.5	11.5	11.1	30.6	53.9	18.7	17.5	17.5	18.2	17.5	15.2	20.4	30.9	32.3	9.5	8.7	11.4	8.5	7.2	8.0	7.2	53.9	19.5	
14	9.4	15.0	9.8	9.4	17.5	10.0	9.6	11.7	13.1	15.3	19.4	19.0	19.4	18.9	13.5	10.2	10.0	10.6	10.2	20.8	46.9	13.2	27.0	10.1	9.4	46.9	15.4	
15	6.4	7.6	6.7	7.2	8.6	7.9	13.3	22.7	40.6	63.8	43.7	17.7	17.0	13.7	8.8	8.1	7.4	6.7	6.8	7.0	7.2	7.4	8.3	7.5	6.4	63.8	14.7	
16	7.4	6.9	7.1	6.5	6.7	7.3	10.2	9.4	13.7	16.2	26.5	64.6	43.1	19.9	11.5	7.6	7.9	8.9	7.6	6.8	6.7	7.6	7.8	6.9	6.5	64.6	13.5	
17	6.9	7.9	7.7	7.3	7.8	8.3	9.2	23.8	17.8	18.6	36.8	51.4	38.7	16.5	13.3	15.4	10.7	9.6	9.2	10.3	8.5	9.0	8.2	8.2	6.9	51.4	15.0	
18	10.8	12.0	7.1	8.4	8.1	8.8	8.2	9.4	22.9	24.9	19.1	38.3	26.0	25.6	27.8	53.0	12.3	13.5	11.6	10.3	10.1	7.9	7.5	7.1	7.1	53.0	16.3	
19	7.3	7.6	7.0	6.6	7.3	11.1	10.7	29.6	16.9	23.6	30.4	35.7	23.7	42.0	19.4	13.9	12.1	11.1	8.5	10.9	9.4	10.5	11.2	9.5	6.6	42.0	15.7	
20	9.7	9.0	7.7	7.0	7.4	7.8	7.7	8.9	41.2	26.0	25.1	40.3	23.7	27.6	35.2	13.0	8.0	8.6	10.6	9.8	10.8	9.2	9.4	10.9	7.0	41.2	15.6	
21	9.9	10.0	9.2	8.6	7.4	7.5	7.3	7.4	9.1	26.2	37.6	36.7	38.4	16.5	13.3	12.0	10.9	10.0	9.8	9.2	7.9	7.4	7.6	8.4	7.3	38.4	13.7	
22	9.2	8.4	7.2	7.3	13.1	8.4	9.3	19.7	20.0	44.8	51.3	49.2	41.6	19.0	19.9	11.9	13.7	9.9	9.0	8.4	8.3	7.1	6.5	6.9	6.5	51.3	17.1	
23	6.8	7.1	6.6	7.2	29.2	17.3	30.2	16.5	18.5	20.9	21.9	25.5	21.6	29.2	20.7	15.4	13.0	13.6	36.6	9.4	10.6	7.6	16.0	28.6	6.6	36.6	17.9	
24	13.9	9.0	10.0	11.1	10.2	7.9	35.1	21.8	35.7	28.1	26.6	31.4	21.4	16.7	15.4	12.8	14.2	11.9	10.0	10.7	31.8	13.5	14.2	12.7	7.9	35.7	17.8	
25	19.4	25.0	14.5	11.5	11.8	24.9	13.4	22.4	41.1	54.3	39.7	33.6	22.6	20.6	17.2	13.6	15.6	42.0	13.4	12.5	7.3	7.7	8.4	6.7	6.7	54.3	20.8	
26	12.1	15.7	11.1	20.0	36.9	22.2	27.9	11.2	15.6	25.3	27.6	34.8	20.5	18.6	17.1	15.7	12.6	11.4	9.8	32.7	26.5	34.9	7.5	10.0	7.5	36.9	19.9	
27	12.9	10.1	13.8	35.9	48.6	22.1	49.2	13.4	19.0	23.3	25.9	39.2	41.1	21.9	20.0	12.0	9.9	8.1	8.0	9.0	7.1	7.1	7.6	7.9	7.1	49.2	19.7	
28	9.0	8.8	8.7	9.1	9.7	10.4	14.8	16.5	25.9	18.7	16.3	11.9	12.1	10.1	9.4	7.5	7.4	7.0	8.0	6.7	6.4	7.1	7.7	7.1	6.4	25.9	10.7	
29	7.1	6.8	7.3	8.1	21.1	13.4	30.5	13.8	14.7	21.5	45.8	25.8	32.2	20.1	22.9	20.2	42.4	7.8	7.1	7.9	6.5	6.5	7.8	8.4	6.5	45.8	16.9	
30	9.1	14.0	9.3	11.0	15.4	20.2	17.6	47.5	9.9	12.6	15.6	21.4	27.7	48.8	26.0	12.4	14.2	13.1	10.5	12.6	9.2	7.2	7.2	7.9	7.2	48.8	16.7	
31	7.1	9.8	8.9	9.5	7.9	8.1	10.1	19.0	12.3	11.9	17.0	28.2	41.1	31.5	32.3	16.5	40.1	12.8	6.7	6.6	6.4	6.5	6.7	6.8	6.4	41.1	15.2	
Min	6.4	6.4	6.6	6.5	6.5	6.3	6.4	6.2	6.0	6.2	10.7	11.3	12.1	10.1	8.4	7.5	7.4	6.7	6.7	6.6	6.4	6.3	6.0	6.3	6.0	6.0		
Max	19.4	25.0	15.3	41.5	48.6	24.9	49.2	47.5	53.9	63.8	51.3	64.6	43.1	53.2	67.2	53.0	43.0	48.8	36.6	32.7	46.9	34.9	27.0	28.6		67.2		
Avg	8.9	9.8	8.6	10.7	13.3	10.9	15.4	16.9	21.3	23.6	27.4	29.4	27.4	24.9	19.7	15.1	16.8	13.8	10.6	10.1	10.6	8.8	8.6	8.7			15.5	

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 1.1

Variable: Running 3-Second Gust
Units: mph
Channel: 9

Site: White Water Wash (data subject to change)
Month: July
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 08-05-2004
Printout Time: 09:10:40
Output File Name: WWWB0704.9

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	39.2	35.3	30.3	26.5	31.9	27.5	24.1	24.7	20.8	18.3	17.3	19.1	18.3	24.1	27.7	26.4	29.1	28.9	31.0	35.0	34.7	35.4	32.5	36.2	17.3	39.2	28.1
2	32.5	27.8	30.5	26.7	26.9	29.4	30.4	25.3	11.5	11.8	9.6	14.1	13.1	23.7	28.6	34.5	37.6	39.1	39.6	36.9	38.9	39.8	40.0	37.9	9.6	40.0	28.6
3	39.7	39.7	38.9	40.8	42.6	39.8	41.9	42.5	39.8	35.5	27.5	24.7	27.5	29.1	37.5	35.4	38.1	36.7	38.0	42.0	42.7	38.1	34.3	33.0	24.7	42.7	36.9
4	38.1	36.4	34.6	34.2	32.7	28.6	22.6	7.3	9.2	11.1	10.4	10.7	11.4	13.1	15.3	13.3	20.5	22.5	28.3	26.9	27.0	26.2	24.2	28.6	7.3	38.1	22.2
5	35.2	32.2	28.1	29.2	26.9	24.9	19.5	11.5	10.2	11.2	12.9	16.6	15.1	18.8	17.3	14.8	14.3	27.3	31.0	34.7	33.4	30.6	30.2	26.2	10.2	35.2	23.0
6	25.2	23.7	25.0	22.1	20.8	20.2	20.5	7.1	7.5	13.5	13.6	14.5	12.9	13.4	15.1	24.4	25.1	21.8	24.5	32.3	34.1	34.0	33.3	34.5	7.1	34.5	21.6
7	33.8	36.2	35.2	35.9	38.0	31.4	32.1	31.0	12.4	15.1	12.6	12.9	11.5	28.1	35.4	38.9	36.5	38.8	39.8	43.5	44.8	42.5	45.0	43.3	11.5	45.0	32.3
8	41.6	35.6	30.7	39.2	35.5	30.5	31.7	29.6	24.9	20.8	25.6	21.9	27.8	25.0	32.4	30.0	34.3	38.9	47.3	44.2	46.5	44.6	44.0	44.0	20.8	47.3	34.4
9	37.3	31.0	30.2	25.9	27.6	25.4	17.8	9.2	17.3	11.8	9.6	6.9	10.2	12.7	16.7	33.1	33.5	31.2	32.4	37.6	36.1	35.9	33.6	32.6	6.9	37.6	24.8
10	32.1	25.6	26.1	23.4	22.2	26.2	23.0	16.7	15.2	9.5	11.9	13.8	14.3	15.9	19.6	30.2	31.0	33.7	32.3	33.8	35.8	37.0	36.0	35.6	9.5	37.0	25.0
11	31.7	29.5	23.6	21.6	21.1	26.5	18.9	7.2	11.1	15.8	17.7	17.4	17.6	16.5	14.9	14.9	28.6	31.5	31.4	29.7	32.7	29.7	32.2	34.7	7.2	34.7	23.2
12	32.0	26.2	24.8	24.0	25.2	23.2	19.2	18.8	8.6	13.4	21.6	20.9	17.0	14.8	17.2	16.3	27.7	37.0	36.0	34.3	36.1	33.3	34.5	32.9	8.6	37.0	24.8
13	32.7	27.7	14.8	12.6	7.3	11.3	6.8	6.4	10.0	11.3	17.5	18.4	18.2	17.9	15.9	13.9	16.7	17.2	32.4	34.2	37.6	29.6	29.3	27.1	6.4	37.6	19.4
14	28.2	13.7	14.0	11.3	9.8	17.5	18.8	17.4	21.4	18.8	17.5	19.1	18.9	19.5	19.1	19.4	18.4	14.0	10.9	6.5	3.5	5.0	7.2	13.9	3.5	28.2	15.2
15	20.0	24.9	20.7	22.9	19.1	17.6	13.9	8.9	8.8	15.1	23.5	28.6	33.0	34.3	36.0	41.0	38.6	42.2	42.4	43.8	42.5	45.4	42.7	43.5	8.8	45.4	29.6
16	39.8	38.2	37.3	36.5	37.2	35.3	35.1	28.3	21.5	23.0	18.3	17.1	24.4	29.4	32.8	38.6	40.5	46.1	46.3	46.5	45.1	46.0	43.8	39.3	17.1	46.5	35.3
17	39.1	33.9	33.8	32.8	30.2	25.9	27.6	28.6	9.6	10.4	10.2	10.4	25.2	32.2	29.4	31.0	34.9	35.3	35.2	39.2	36.7	37.3	38.9	36.0	9.6	39.2	29.3
18	34.7	28.7	27.2	28.6	28.4	23.5	23.4	23.6	15.2	9.7	9.1	10.2	11.4	15.4	15.9	23.6	31.3	35.7	39.2	36.2	38.9	38.1	36.2	34.4	9.1	39.2	25.8
19	38.5	37.0	34.3	31.6	27.5	24.2	22.9	17.5	9.6	9.1	8.9	10.2	13.6	14.5	32.8	36.9	37.3	37.5	37.8	41.2	39.6	36.2	39.4	39.6	8.9	41.2	28.2
20	38.6	37.0	35.2	31.6	28.7	25.7	24.8	21.5	14.1	9.7	9.2	12.1	12.9	14.7	27.6	33.3	37.2	37.2	38.6	40.5	40.5	38.4	37.0	32.6	9.2	40.5	28.3
21	36.2	36.9	35.7	35.6	34.6	30.4	32.3	29.3	27.7	18.9	11.6	22.3	28.3	32.2	34.0	36.5	35.0	41.8	48.3	41.3	41.8	41.7	44.8	41.9	11.6	48.3	34.1
22	38.9	40.8	36.7	37.1	29.0	23.7	23.4	21.1	15.9	9.6	10.0	21.5	25.6	27.6	30.7	32.2	41.1	38.1	42.7	44.6	40.6	39.2	36.6	39.0	9.6	44.6	31.1
23	35.5	33.8	33.0	30.7	26.9	6.1	9.7	11.0	11.0	12.9	13.7	11.3	11.3	11.1	13.9	13.1	13.3	11.9	19.6	22.4	23.8	22.8	21.4	11.6	6.1	35.5	18.0
24	16.1	12.9	10.2	9.2	9.2	10.5	6.3	8.1	6.9	10.4	12.8	13.4	16.4	17.5	21.0	20.0	17.3	15.2	12.7	8.0	19.7	19.2	21.8	18.1	6.3	21.8	13.9
25	10.2	10.2	11.3	11.9	8.1	11.2	10.3	8.2	7.0	8.1	10.3	11.4	14.5	16.3	18.3	18.3	15.9	25.1	24.3	28.9	29.1	27.5	25.0	24.7	7.0	29.1	16.1
26	26.5	15.9	14.3	8.9	6.6	7.9	15.6	17.3	14.7	14.5	12.1	15.3	16.2	16.4	16.6	17.8	15.6	14.0	14.5	9.4	8.7	11.0	19.5	18.9	6.6	26.5	14.5
27	18.6	13.1	12.3	14.7	10.2	12.6	13.2	13.9	15.6	10.8	11.0	12.9	34.1	40.7	38.4	44.5	42.6	47.3	49.9	45.4	42.4	43.4	44.2	33.0	10.2	49.9	27.7
28	33.7	39.2	40.4	39.0	34.3	30.5	31.5	27.9	17.0	22.2	27.5	31.9	35.2	34.1	33.3	35.4	36.7	36.6	42.9	43.5	43.9	39.2	40.1	37.5	17.0	43.9	34.7
29	37.1	37.1	36.2	34.6	26.5	22.7	8.3	7.2	11.2	11.4	7.4	10.7	10.2	11.6	14.5	14.9	27.5	29.7	30.3	30.8	30.6	29.0	27.5	29.8	7.2	37.1	22.4
30	21.3	18.5	17.9	18.5	17.2	17.4	4.4	6.1	10.6	12.4	12.5	11.4	11.8	25.5	28.2	31.6	37.6	32.2	34.3	43.8	32.7	33.0	34.8	32.4	4.4	43.8	22.8
31	32.9	34.8	32.0	30.3	27.1	24.7	20.0	18.2	18.2	20.8	15.9	14.3	11.0	12.4	11.8	15.3	25.5	32.1	28.8	32.8	33.9	32.7	31.0	31.0	11.0	34.8	24.5
Min	10.2	10.2	10.2	8.9	6.6	6.1	4.4	6.1	6.9	8.1	7.4	6.9	10.2	11.1	11.8	13.1	13.3	11.9	10.9	6.5	3.5	5.0	7.2	11.6	3.5		
Max	41.6	40.8	40.4	40.8	42.6	39.8	41.9	42.5	39.8	35.5	27.5	31.9	35.2	40.7	38.4	44.5	42.6	47.3	49.9	46.5	46.5	46.0	45.0	44.0		49.9	
Avg	32.2	29.5	27.6	26.7	24.8	23.0	21.0	17.8	14.7	14.4	14.5	16.0	18.3	21.2	24.1	26.8	29.6	31.5	33.6	34.5	34.7	33.6	33.6	32.4			25.7

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 1.1

Variable: Battery Voltage
Units: volts
Channel: 11

Site: White Water Wash (data subject to change)
Month: July
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 08-05-2004
Printout Time: 09:10:41
Output File Name: WWWB0704.11

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	13.0	13.0	13.0	12.9	13.5	13.0	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	12.9	13.5	13.0	
2	13.1	13.0	12.9	13.3	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.8	13.1	12.9	12.9	13.0	13.2	13.0	13.0	12.9	13.9	12.9	13.9	13.0	13.0	12.9	13.9	13.1
3	13.0	12.9	13.3	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	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.3	13.0	
4	12.9	13.0	12.9	12.9	13.0	13.7	13.1	13.0	13.0	13.0	13.0	12.9	12.9	12.9	13.5	12.9	12.9	12.9	13.0	13.1	13.0	13.0	13.9	13.0	13.0	12.9	13.9	13.1
5	13.0	13.0	13.0	13.7	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.0	12.9	13.0	13.0	12.9	13.7	13.0	
6	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.1	13.9	13.0	13.0	12.9	13.0	12.9	13.0	12.9	12.9	13.0	12.9	13.1	13.0	13.0	12.9	12.9	13.0	12.9	13.9	13.0
7	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.9	13.0	12.9	13.0	12.9	12.9	13.0	12.9	13.8	13.0	13.0	12.9	13.0	12.9	13.9	13.0
8	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	12.9	13.0	12.9	12.9	13.0	13.0	13.5	13.0	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.5	13.0
9	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	12.9	12.9	12.9	12.9	13.0	12.9	13.0	13.6	13.2	13.0	13.0	12.9	13.6	13.0	
10	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	
11	13.4	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.9	13.0	12.9	12.9	13.0	12.9	12.9	12.9	12.9	13.1	13.0	13.6	13.0	13.0	12.9	13.9	13.1
12	13.1	13.0	13.0	12.9	13.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	13.0	12.9	12.9	13.6	13.9	13.9	13.2	13.2	13.1	13.1	13.0	13.0	12.9	13.9	13.1
13	13.5	13.1	13.0	13.1	13.4	13.7	12.9	12.9	13.0	13.0	13.3	13.0	12.9	13.8	13.1	12.9	13.0	13.0	13.9	13.1	13.0	13.4	13.0	13.3	12.9	13.9	13.2	
14	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.1	13.0	13.1	13.0	13.3	13.2	13.1	13.0	13.0	13.0	13.2	13.0	13.8	13.0	13.1	13.8	13.0	13.0	13.8	13.1	
15	13.0	13.1	13.2	13.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.2	13.1	13.3	13.0	13.8	13.0	12.9	13.0	13.9	13.0	13.0	13.0	13.0	12.9	13.9	13.1	
16	13.3	13.0	13.8	13.1	13.3	13.0	13.1	13.3	13.0	13.1	13.0	13.0	12.9	13.1	13.9	13.0	13.0	13.3	13.0	13.0	13.2	13.3	13.3	13.2	12.9	13.9	13.2	
17	13.1	13.0	13.7	13.1	13.0	13.1	13.4	13.0	13.4	13.1	13.2	13.3	13.0	12.9	13.9	13.0	13.0	13.9	13.2	13.0	13.9	13.0	13.1	13.3	12.9	13.9	13.2	
18	13.4	13.9	13.9	13.4	13.1	13.0	12.9	13.1	13.0	13.8	13.4	13.8	12.9	13.1	12.9	13.6	13.9	13.2	13.1	13.0	13.0	13.1	13.5	13.0	12.9	13.9	13.3	
19	13.0	13.0	13.0	13.0	13.0	13.3	13.1	13.0	13.2	13.2	12.9	13.0	12.9	13.4	13.1	13.0	13.0	12.9	13.8	13.1	13.0	13.1	13.2	13.4	12.9	13.8	13.1	
20	13.4	13.3	13.1	13.0	13.5	13.1	13.0	13.2	13.0	13.4	12.9	13.1	13.7	13.1	13.0	13.0	13.0	13.0	12.9	13.2	13.0	13.1	13.5	12.9	12.9	13.7	13.1	
21	13.0	13.0	12.9	13.3	13.1	13.0	13.8	13.1	13.0	13.0	13.0	12.9	13.1	13.1	13.0	13.0	12.9	12.9	13.4	13.0	13.2	13.9	13.8	13.7	12.9	13.9	13.2	
22	13.6	13.2	13.0	13.8	13.1	13.3	13.0	13.1	12.9	13.1	13.0	12.9	13.9	13.0	13.0	13.0	13.4	13.2	13.0	13.1	13.9	13.0	13.0	13.0	12.9	13.9	13.2	
23	13.4	13.1	13.0	13.1	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.0	13.0	13.0	13.3	13.0	13.0	13.5	13.0	13.1	13.2	13.2	13.1	12.9	13.5	13.1	
24	13.0	13.0	13.2	13.0	13.2	13.2	13.0	13.0	13.1	12.9	13.1	13.0	13.0	13.0	13.2	13.0	13.0	12.9	13.0	13.0	13.1	13.0	13.0	13.5	12.9	13.5	13.1	
25	13.2	13.1	13.0	13.1	13.0	13.1	13.0	13.3	13.0	12.9	13.3	12.9	13.2	12.9	13.0	13.0	13.1	13.1	13.4	13.0	13.1	13.1	13.1	13.1	12.9	13.4	13.1	
26	13.1	13.0	13.0	13.9	13.1	13.0	13.1	13.0	13.3	13.3	13.0	12.9	13.4	12.9	13.0	13.0	13.1	13.0	13.0	13.5	13.0	13.0	13.0	13.0	12.9	13.9	13.1	
27	13.5	13.2	13.1	13.0	13.2	13.0	13.2	13.0	13.7	13.0	12.9	13.0	13.0	13.0	12.9	13.2	13.0	13.6	13.0	13.0	13.0	13.5	13.2	13.1	12.9	13.7	13.1	
28	13.0	13.2	13.0	13.2	13.0	13.0	13.1	13.1	13.3	13.0	13.0	13.9	13.2	13.1	12.9	13.0	13.1	13.7	12.9	13.8	13.2	13.1	12.9	13.1	12.9	13.9	13.2	
29	13.3	13.0	13.1	13.3	13.0	13.0	13.1	13.1	13.1	13.1	13.3	13.0	12.9	12.9	13.0	12.9	12.9	13.1	13.4	13.4	13.2	13.0	13.8	13.1	12.9	13.8	13.1	
30	13.0	13.1	13.0	13.1	13.2	13.2	13.2	13.2	13.7	13.0	13.1	13.0	12.9	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.2	13.2	13.1	12.9	12.9	13.7	13.1	
31	13.1	13.0	13.0	13.2	13.4	13.0	13.0	13.1	13.1	13.1	13.3	13.0	13.3	13.1	12.9	12.9	13.0	12.9	13.2	13.4	13.4	13.2	13.1	13.0	13.9	12.9	13.9	13.1
Min	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	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9	12.9	12.9		
Max	13.6	13.9	13.9	13.9	13.9	13.7	13.8	13.9	13.7	13.8	13.9	13.9	13.9	13.9	13.8	13.9	13.6	13.9	13.9	13.9	13.9	13.9	13.8	13.9		13.9		
Avg	13.1	13.1	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.1	13.0	13.1	13.1	13.2	13.2	13.1	13.2	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 1.1