

# White Water Wash Meteorological Data

May 2005

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: May  
 Year: 2005  
 Time Zone: PST

Validation Level: B  
 Printout Date: 10-03-2005  
 Printout Time: 07:33:10  
 Output File Name: WWWB0505.9

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	21.4	27.3	24.9	24.8	23.6	23.9	12.4	5.2	4.4	4.8	6.4	9.5	26.5	29.8	32.6	33.5	32.6	24.4	26.9	32.9	32.0	29.5	31.9	31.3	4.4	33.5	23.0
2	31.0	30.7	28.8	27.4	26.5	25.8	26.0	24.9	23.0	21.8	25.7	29.2	29.0	31.8	31.2	32.3	34.2	31.3	32.7	32.5	31.9	31.0	29.4	28.3	21.8	34.2	29.0
3	32.6	26.5	22.3	21.8	24.0	20.4	16.3	13.7	12.2	6.9	4.5	4.2	5.3	21.5	25.5	25.3	25.1	25.0	23.9	25.2	26.5	25.3	23.5	22.9	4.2	32.6	20.0
4	20.5	19.8	21.8	20.6	16.5	11.6	8.8	8.6	4.7	6.1	8.9	9.9	9.8	7.4	10.5	10.3	18.2	20.2	22.7	23.9	23.8	23.9	20.4	23.5	4.7	23.9	15.5
5	28.7	28.1	23.6	20.5	8.0	13.7	32.2	29.0	30.2	29.8	30.8	35.3	32.9	24.9	24.9	20.5	14.1	20.8	17.5	18.8	17.6	20.1	24.2	17.4	8.0	35.3	23.5
6	14.2	15.0	16.3	18.9	17.9	16.2	13.0	19.9	22.2	17.8	13.1	7.2	14.7	17.9	11.9	20.6	20.0	18.6	25.5	23.6	25.9	26.0	26.5	27.3	7.2	27.3	18.8
7	25.5	24.9	24.2	22.8	22.2	22.3	21.7	20.1	22.8	21.9	19.3	20.2	19.6	23.8	26.2	27.8	28.2	28.0	26.1	27.6	27.2	25.3	23.9	22.6	19.3	28.2	23.9
8	22.8	23.5	23.9	21.5	20.5	21.2	19.2	17.1	11.9	3.8	3.8	6.7	6.4	7.1	16.5	21.6	21.5	22.1	24.6	25.3	27.0	26.7	26.9	22.6	3.8	27.0	18.5
9	23.1	27.8	18.4	22.0	28.0	24.0	9.6	6.6	19.9	23.3	26.3	24.4	26.9	28.1	28.2	29.9	29.3	23.1	19.9	21.3	23.6	25.1	26.5	24.9	6.6	29.9	23.3
10	23.5	21.7	21.9	19.6	17.1	17.2	22.0	23.3	26.8	25.4	22.4	23.3	19.0	14.2	19.7	23.4	24.1	24.8	25.9	26.9	27.6	24.4	22.9	21.7	14.2	27.6	22.5
11	19.5	17.7	15.7	15.5	12.9	9.1	8.3	6.6	3.5	3.6	5.7	7.0	5.6	6.1	7.2	5.5	7.5	17.3	17.4	18.6	20.1	19.2	17.6	12.9	3.5	20.1	11.7
12	9.5	9.2	7.2	4.5	5.5	5.5	6.0	3.6	1.9	4.7	5.2	6.4	6.3	4.7	4.6	5.8	3.3	5.0	11.1	12.8	13.9	13.9	10.9	12.1	1.9	13.9	7.2
13	8.6	7.4	7.9	7.7	6.2	5.7	3.9	4.1	2.1	4.9	5.5	7.0	7.4	6.2	4.5	4.4	7.3	7.8	18.1	16.5	14.6	15.4	16.9	13.3	2.1	18.1	8.5
14	14.4	15.5	14.9	17.6	15.0	13.0	17.0	13.1	9.1	4.4	4.1	4.3	5.2	5.4	6.6	15.0	20.0	23.0	22.7	21.8	21.5	23.8	22.6	18.2	4.1	23.8	14.5
15	15.0	14.7	15.0	17.3	16.5	18.3	16.1	14.7	11.7	3.9	4.3	10.9	9.7	16.9	20.1	21.4	24.4	26.0	24.2	23.6	25.1	25.2	24.2	24.6	3.9	26.0	17.7
16	17.4	13.2	17.7	17.6	22.6	23.1	23.0	28.2	27.2	15.3	8.1	22.0	32.1	33.2	31.6	32.3	30.8	30.4	33.3	33.7	30.3	27.3	29.3	29.8	8.1	33.7	25.4
17	26.3	26.5	28.8	25.9	24.6	25.6	22.4	23.0	20.3	20.2	19.4	18.0	18.3	22.0	23.9	23.2	25.2	25.8	26.6	28.5	28.3	26.5	23.9	24.3	18.0	28.8	24.1
18	24.6	26.3	25.8	23.6	24.8	21.1	20.1	16.9	8.4	4.5	3.4	4.6	4.8	6.1	14.4	19.0	21.1	21.2	20.4	20.0	20.2	18.2	18.2	17.8	3.4	26.3	16.9
19	14.6	16.4	17.7	11.1	7.2	8.0	9.8	5.5	2.8	4.2	5.9	6.8	7.8	6.7	6.9	6.1	9.7	19.5	20.0	18.4	15.8	12.8	13.4	13.4	2.8	20.0	10.9
20	9.6	8.2	8.8	10.5	10.0	7.8	9.4	14.6	6.8	4.5	5.1	7.3	6.4	6.7	13.0	20.6	22.4	22.3	24.2	23.9	21.8	18.9	16.5	15.8	4.5	24.2	13.1
21	13.8	8.7	12.5	9.4	14.3	13.7	12.2	8.6	5.3	4.2	4.6	4.9	5.7	6.3	13.0	16.3	20.9	19.5	22.0	21.4	21.8	18.3	14.2	16.7	4.2	22.0	12.8
22	17.3	16.5	15.1	17.4	12.3	13.9	13.9	16.0	14.6	10.9	5.6	5.2	3.9	6.0	13.0	18.0	18.9	21.5	22.7	24.0	23.8	23.1	21.4	20.5	3.9	24.0	15.7
23	19.1	15.8	18.1	16.7	12.8	12.8	7.7	6.7	7.6	7.0	7.8	7.2	6.5	6.8	16.9	21.7	24.6	25.8	24.4	26.0	27.1	25.9	24.7	22.8	6.5	27.1	16.3
24	20.4	19.0	15.5	10.1	3.6	6.1	9.3	8.6	6.4	4.8	5.0	7.3	6.0	4.8	14.9	18.6	22.0	18.6	21.5	24.1	23.7	23.0	22.5	21.0	3.6	24.1	14.0
25	21.4	21.4	19.3	14.4	12.6	7.0	4.7	5.1	6.9	5.9	5.0	4.2	5.5	6.8	6.8	10.5	20.4	21.8	23.5	24.6	23.2	20.8	20.8	19.8	4.2	24.6	13.8
26	17.4	16.3	18.3	17.1	16.9	13.7	13.3	5.5	4.6	4.3	4.7	7.1	7.3	7.1	13.8	21.5	25.5	26.3	26.8	27.3	27.6	25.3	22.9	21.6	4.3	27.6	16.3
27	25.1	23.0	22.1	20.4	16.8	9.1	10.5	9.6	5.0	2.8	-960	-960	5.2	5.7	7.2	17.3	20.8	22.1	22.4	21.4	20.4	17.7	17.3	17.4	2.8	25.1	15.4
28	17.4	18.5	16.4	11.3	7.4	10.6	17.6	10.5	6.1	3.0	4.5	7.8	7.5	8.8	8.1	13.0	20.0	21.1	23.5	23.4	22.8	19.6	16.0	16.1	3.0	23.5	13.8
29	9.6	12.1	18.4	15.3	12.4	8.0	12.0	7.3	3.1	2.6	4.5	10.1	21.7	26.0	24.6	26.5	29.1	29.7	29.6	28.6	28.9	25.7	32.3	37.1	2.6	37.1	19.0
30	37.8	37.4	36.3	31.8	28.9	25.1	21.3	20.7	18.8	14.1	15.8	16.1	17.8	20.0	23.2	27.1	28.0	28.1	28.8	31.0	30.6	28.7	27.4	25.4	14.1	37.8	25.8
31	22.3	24.6	24.8	25.4	23.9	19.1	16.7	17.5	15.6	7.2	4.4	6.7	8.3	9.1	7.6	13.6	21.7	22.9	22.9	25.5	24.2	26.0	24.2	22.9	4.4	26.0	18.2
Min	8.6	7.4	7.2	4.5	3.6	5.5	3.9	3.6	1.9	2.6	3.4	4.2	3.9	4.7	4.5	4.4	3.3	5.0	11.1	12.8	13.9	12.8	10.9	12.1	1.9		
Max	37.8	37.4	36.3	31.8	28.9	25.8	32.2	29.0	30.2	29.8	30.8	35.3	32.9	33.2	32.6	33.5	34.2	31.3	33.3	33.7	32.0	31.0	32.3	37.1		37.8	
Avg	20.1	19.8	19.4	18.1	16.5	15.2	14.7	13.4	11.8	9.6	9.7	11.4	12.5	13.8	16.4	19.4	21.7	22.4	23.6	24.3	24.2	23.0	22.4	21.5			17.7

Total Data Records Possible: 744  
 Total Valid Data Records: 742  
 Percent Data Recovery: 99.7

#### 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: 10

Site: White Water Wash (data subject to change)  
Month: May  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 07:33:12  
Output File Name: WWWB0505.10

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	312	306	291	289	299	301	293	237	278	196	225	279	303	300	298	297	297	312	313	307	301	302	299	301	[WNW]
2	299	300	300	305	304	302	301	295	292	297	299	299	299	301	301	301	303	301	301	303	301	301	302	308	[WNW]
3	302	300	305	303	306	306	303	310	309	297	287	201	157	302	300	301	303	303	300	300	301	300	302	306	[WNW]
4	304	314	309	308	308	310	322	311	298	168	138	133	135	141	121	155	307	305	305	304	302	306	308	303	[NW ]
5	302	306	314	301	291	299	296	300	304	302	303	303	308	299	308	305	311	300	281	294	318	313	300	302	[WNW]
6	304	303	297	314	301	297	290	300	303	300	290	151	304	313	269	308	297	301	302	304	305	302	297	298	[WNW]
7	298	298	299	299	299	301	293	294	296	299	303	303	307	302	304	303	301	301	301	303	304	308	309	309	[WNW]
8	308	308	310	311	308	305	303	297	300	264	310	317	339	345	302	306	306	307	308	308	308	307	307	306	[NW ]
9	311	299	282	292	295	294	246	226	295	299	308	307	308	313	309	307	306	312	315	311	302	301	301	301	[WNW]
10	302	302	301	308	315	310	310	309	306	299	300	303	298	295	305	308	305	303	304	303	304	306	311	308	[NW ]
11	309	317	311	311	302	314	328	318	358	128	165	151	139	172	157	153	199	302	301	304	301	303	314	326	[NW ]
12	332	333	350	330	339	320	338	326	247	151	153	142	154	171	162	166	208	128	322	284	290	306	309	310	[NNW]
13	337	339	354	349	335	327	299	346	269	152	173	158	145	135	119	184	150	360	301	298	293	303	298	315	[WNW]
14	320	323	324	320	311	317	300	299	291	230	152	180	167	164	207	298	303	302	303	301	302	303	305	316	[WNW]
15	328	333	332	326	317	311	311	306	299	241	305	315	300	310	310	306	304	303	305	306	301	300	301	299	[NW ]
16	282	290	297	292	299	302	297	300	307	293	268	296	311	311	313	310	310	308	306	304	295	305	317	303	[WNW]
17	303	305	302	306	305	304	304	304	305	303	304	304	298	302	302	300	304	304	305	305	305	308	307	301	[NW ]
18	301	302	300	298	300	295	300	302	295	258	216	175	133	123	303	305	304	305	305	304	306	303	310	315	[WNW]
19	319	319	313	322	325	339	318	298	211	172	154	142	148	154	157	147	279	302	299	297	294	302	302	311	[WNW]
20	347	348	351	353	353	337	319	320	280	189	167	147	141	126	297	307	307	304	303	300	301	296	295	324	[WNW]
21	313	305	305	320	325	323	315	256	222	198	226	163	129	230	315	310	304	311	304	304	301	313	319	318	[NW ]
22	321	314	321	318	309	319	307	306	303	312	331	282	235	262	298	303	304	302	303	304	302	301	297	297	[WNW]
23	298	314	318	320	308	296	232	153	138	138	145	153	152	118	307	307	303	304	307	306	305	302	304	303	[NW ]
24	300	298	288	255	183	106	123	126	142	161	163	149	163	165	294	305	303	307	306	304	304	307	315	310	[NW ]
25	304	299	292	283	291	280	228	178	149	152	157	148	141	154	149	274	304	302	303	303	304	306	308	305	[WNW]
26	304	319	317	311	314	311	295	219	175	160	142	151	152	143	296	304	302	302	304	304	301	302	304	299	[WNW]
27	301	299	300	309	312	262	150	115	140	162	-960	-960	137	148	225	306	301	301	302	301	305	304	299	300	[WNW]
28	304	309	302	321	333	333	302	293	294	153	159	144	154	142	123	302	306	303	302	302	304	306	304	300	[WNW]
29	336	319	304	302	301	340	306	319	329	207	168	306	301	303	310	304	306	304	304	311	318	320	326	315	[NW ]
30	313	306	298	300	304	301	302	305	305	302	301	305	302	299	301	299	300	302	301	301	302	304	305	302	[WNW]
31	309	308	304	303	303	312	305	298	301	310	82	141	135	142	138	295	298	300	303	302	303	301	296	295	[WNW]

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

Total Data Records Possible: 744  
Total Valid Data Records: 742  
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#### 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

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 07:33:12  
Output File Name: WWWB0505.10t

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Total Data Records Possibe:    744
Total Valid Data Records:      742
Percent Data Recovery:         99.7
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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: 11

Site: White Water Wash (data subject to change)  
Month: May  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 07:33:13  
Output File Name: WWWB0505.11

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	11.1	9.8	11.7	13.4	12.7	12.1	27.6	32.0	53.3	53.0	37.5	43.1	12.8	8.5	7.7	7.3	7.0	8.3	7.7	7.5	7.4	7.9	7.6	7.8	7.0	53.3	17.3
2	8.1	7.7	8.0	8.6	9.1	8.8	10.3	9.5	8.9	9.2	9.1	8.0	8.2	7.9	7.6	8.0	8.4	7.7	7.7	7.9	8.0	7.8	8.0	8.1	7.6	10.3	8.4
3	7.1	7.3	7.3	7.0	6.7	6.8	6.7	7.4	9.3	18.6	41.8	47.1	33.2	10.6	8.7	8.4	8.8	8.4	7.7	7.7	7.3	7.1	7.7	8.8	6.7	47.1	12.4
4	8.4	8.5	7.3	7.2	7.6	7.4	7.8	10.1	32.5	23.0	17.0	18.9	15.4	22.2	13.1	37.2	10.7	7.4	8.1	9.2	8.3	9.2	9.1	9.1	7.2	37.2	13.1
5	7.8	7.7	10.0	12.2	26.8	28.1	8.8	9.0	8.1	8.2	8.7	8.7	15.0	19.1	20.2	21.6	34.4	22.3	24.4	28.3	20.9	19.9	10.1	18.8	7.7	34.4	16.6
6	20.2	14.3	12.9	13.1	11.2	11.7	18.0	11.8	13.5	19.7	45.8	54.5	43.3	20.7	33.9	17.1	20.0	15.1	14.0	9.4	9.4	8.1	7.8	7.5	7.5	54.5	18.9
7	8.3	7.7	8.0	8.4	9.1	8.0	8.9	10.3	8.4	10.8	16.0	12.1	11.1	9.7	8.5	7.6	8.3	7.5	7.9	7.6	8.0	8.1	8.5	7.7	7.5	16.0	9.0
8	7.9	7.5	7.3	7.1	7.8	7.6	7.2	8.7	13.3	50.3	69.8	41.9	56.4	52.1	16.8	11.8	12.4	13.4	10.1	8.1	11.2	9.0	8.1	10.6	7.1	69.8	19.0
9	10.7	9.7	12.2	9.6	8.8	9.0	54.6	35.8	14.0	10.6	10.7	11.5	11.6	11.8	10.1	9.8	9.3	17.1	15.5	12.9	12.8	9.1	8.4	9.0	8.4	54.6	13.9
10	8.5	9.2	8.2	7.7	7.8	7.9	8.0	8.4	9.0	8.6	10.0	11.2	11.7	19.5	12.6	10.2	9.4	8.3	7.3	7.6	7.7	8.3	8.0	7.3	7.3	19.5	9.3
11	7.9	7.7	7.4	7.2	7.5	10.2	12.4	13.7	36.8	53.5	29.1	30.0	47.1	34.1	24.2	47.6	34.2	8.2	7.5	7.8	7.5	8.1	8.2	9.2	7.2	53.5	19.5
12	6.9	7.2	11.1	11.6	8.0	6.3	7.5	14.8	50.0	23.2	30.3	31.0	37.1	58.8	52.3	27.5	45.4	20.2	46.1	10.7	13.9	9.1	10.0	8.2	6.3	58.8	22.8
13	11.2	9.1	11.1	8.3	9.9	8.8	12.5	19.1	45.1	29.8	25.2	29.0	32.2	31.2	34.5	25.0	15.7	39.1	9.0	9.7	12.1	9.4	8.5	11.6	8.3	45.1	19.1
14	11.7	7.8	6.9	6.6	7.4	9.5	7.6	7.7	19.5	39.1	52.3	53.3	61.8	35.8	33.8	15.0	9.3	7.3	7.4	7.9	7.4	7.3	7.8	8.6	6.6	61.8	18.3
15	10.4	9.9	6.6	6.3	8.2	7.4	7.7	7.8	15.4	47.2	55.0	36.3	32.7	17.8	15.6	14.1	9.8	8.1	11.1	11.1	8.3	10.1	12.3	9.3	6.3	55.0	15.8
16	16.6	14.2	12.4	14.3	10.1	9.0	11.0	9.3	10.5	20.6	25.0	17.9	9.9	11.9	13.1	12.1	11.2	11.2	9.5	9.0	8.9	9.0	7.4	7.8	7.4	25.0	12.2
17	9.1	8.0	8.0	7.5	8.0	7.9	7.8	7.8	7.8	8.6	9.9	11.3	11.5	9.3	9.5	9.2	7.8	7.3	7.6	7.2	7.9	7.3	7.9	8.2	7.2	11.5	8.4
18	7.4	8.1	7.9	8.5	8.6	8.2	8.7	8.5	21.1	41.8	49.6	33.8	34.8	44.9	40.3	12.2	9.5	8.8	9.3	8.7	8.8	7.7	8.6	9.9	7.4	49.6	17.3
19	9.0	7.7	7.2	9.9	18.0	9.9	8.6	25.6	54.8	31.8	23.8	27.1	19.3	22.0	18.9	20.2	44.7	8.8	8.4	8.5	8.7	8.0	8.3	10.6	7.2	54.8	17.5
20	8.5	11.7	11.5	8.9	11.5	14.7	13.0	9.9	49.6	33.7	28.6	24.2	34.2	30.8	56.5	13.4	12.1	9.4	8.4	7.9	9.4	10.9	10.1	16.5	7.9	56.5	18.6
21	11.3	10.7	14.0	14.0	8.8	10.2	14.5	21.4	18.8	33.5	33.0	46.4	30.0	52.0	21.9	14.1	10.9	13.4	7.9	7.7	8.0	8.9	10.1	7.7	7.7	52.0	17.9
22	7.4	7.4	9.9	7.5	13.0	10.9	9.2	7.4	8.9	16.0	48.7	43.9	36.3	54.5	18.2	12.6	11.7	11.7	8.4	8.1	7.6	8.3	8.8	7.9	7.4	54.5	16.0
23	8.9	10.8	10.2	11.4	15.9	19.8	27.4	15.2	16.0	20.0	17.0	17.1	26.0	48.1	28.0	12.2	10.6	10.3	12.7	10.9	8.9	8.4	9.1	8.7	8.4	48.1	16.0
24	8.4	8.7	9.8	13.5	33.0	23.0	10.4	14.6	17.5	37.2	33.5	21.7	24.4	59.1	26.1	12.6	8.4	10.3	9.1	8.3	7.2	8.7	9.6	8.0	7.2	59.1	17.6
25	7.6	7.6	7.6	10.4	9.4	31.9	26.2	18.5	15.3	21.0	46.0	37.2	38.4	20.0	24.4	38.1	9.4	8.4	9.1	8.3	8.2	9.6	8.3	8.5	7.6	46.0	17.9
26	8.2	8.4	8.0	7.2	7.8	8.9	9.4	17.0	19.5	25.7	35.7	22.3	25.9	22.0	43.4	10.8	8.7	7.9	9.2	9.1	8.3	7.8	8.8	8.5	7.2	43.4	14.5
27	7.8	7.1	9.2	8.9	9.0	31.9	15.2	11.3	31.5	46.2	-960	-960	44.6	54.2	64.1	12.0	9.6	9.5	8.5	8.4	8.8	8.1	7.5	7.7	7.1	64.1	19.1
28	7.9	8.0	7.1	9.5	7.0	10.0	7.7	19.8	23.9	50.4	29.1	25.0	16.6	19.4	24.7	39.6	9.8	9.2	8.7	7.9	8.6	8.1	8.2	9.0	7.0	50.4	15.6
29	17.8	16.1	8.9	8.7	9.3	20.4	8.1	23.1	38.0	62.1	41.9	32.9	13.3	10.3	12.6	12.1	10.7	9.5	9.9	11.7	10.5	11.6	11.1	7.9	7.9	62.1	17.4
30	7.8	8.2	8.2	9.1	8.3	8.1	8.6	8.8	8.7	12.6	13.3	12.2	12.6	10.9	8.8	8.2	8.1	9.3	8.0	8.0	7.3	7.3	7.4	7.6	7.3	13.3	9.1
31	8.0	7.5	7.6	7.2	7.1	6.9	7.6	7.7	8.0	24.6	39.5	22.3	17.4	21.4	20.0	47.1	9.4	8.1	8.7	7.8	7.8	7.5	7.2	7.7	6.9	47.1	13.5
Min	6.9	7.1	6.6	6.3	6.7	6.3	6.7	7.4	7.8	8.2	8.7	8.0	8.2	7.9	7.6	7.3	7.0	7.3	7.3	7.2	7.2	7.1	7.2	7.3	6.3		
Max	20.2	16.1	14.0	14.3	33.0	31.9	54.6	35.8	54.8	62.1	69.8	54.5	61.8	59.1	64.1	47.6	45.4	39.1	46.1	28.3	20.9	19.9	12.3	18.8		69.8	
Avg	9.6	9.1	9.1	9.4	10.8	12.3	12.9	13.9	22.2	28.7	31.1	27.7	26.6	27.4	23.5	17.9	14.1	11.3	10.8	9.4	9.2	8.9	8.7	9.2			15.5

Total Data Records Possible: 744  
Total Valid Data Records: 742  
Percent Data Recovery: 99.7

#### 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: 17

Site: White Water Wash (data subject to change)  
Month: May  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 07:33:17  
Output File Name: WWWB0505.17

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	33.0	43.7	40.3	43.9	38.4	38.3	34.9	13.5	14.5	12.9	23.2	36.8	42.3	42.5	46.0	45.7	45.2	40.0	41.2	49.6	47.3	45.1	46.2	45.2	12.9	49.6	37.9
2	45.7	44.7	42.3	42.3	40.6	38.1	40.7	44.6	33.1	32.9	41.3	43.7	41.5	45.0	44.1	46.8	50.3	47.7	51.0	48.7	46.3	45.4	44.5	41.7	32.9	51.0	43.4
3	45.2	41.4	31.7	30.7	33.3	28.6	24.7	18.9	17.6	13.1	10.7	9.7	11.4	32.3	39.2	35.7	37.8	37.6	35.4	38.4	38.5	37.0	33.7	34.4	9.7	45.2	29.9
4	33.0	31.4	32.3	29.7	25.1	20.7	13.4	13.9	10.0	12.5	14.0	17.5	16.6	15.3	17.3	23.5	29.0	29.8	37.1	38.8	34.7	35.8	32.4	38.3	10.0	38.8	25.1
5	41.7	42.2	39.4	36.8	19.5	45.6	51.7	41.7	43.5	41.8	45.1	53.2	53.3	49.9	43.3	48.8	35.2	43.2	38.5	37.6	37.8	41.3	44.2	42.2	19.5	53.3	42.4
6	33.0	30.2	32.7	36.8	30.0	29.8	31.4	31.1	39.7	34.0	31.4	23.8	38.7	35.6	30.6	37.3	33.8	36.5	42.2	37.8	41.6	43.0	39.2	44.3	23.8	44.3	35.2
7	38.8	35.7	37.7	34.8	35.9	33.7	33.2	36.0	33.3	33.7	31.0	30.4	31.0	33.5	36.7	39.4	41.1	38.4	40.7	40.8	40.9	37.9	38.5	34.0	30.4	41.1	36.1
8	34.2	34.4	34.6	31.9	30.2	30.5	28.1	25.0	22.1	11.5	15.9	16.6	16.1	21.1	35.4	33.3	36.0	36.3	38.6	38.3	44.8	40.3	41.8	43.8	11.5	44.8	30.9
9	39.6	45.9	34.6	40.0	43.4	38.7	29.4	20.8	32.7	37.0	40.3	39.1	44.6	46.3	45.7	48.8	47.2	42.4	36.6	43.3	42.8	42.0	43.7	39.8	20.8	48.8	40.2
10	37.8	35.2	33.7	31.4	29.5	26.2	30.5	35.7	39.4	35.0	33.6	38.4	30.9	26.2	34.3	37.2	36.4	36.4	38.0	39.2	41.3	36.9	33.6	33.8	26.2	41.3	34.6
11	29.9	26.5	23.3	23.8	20.6	18.0	15.1	10.7	9.0	10.4	11.8	15.6	12.7	15.3	14.9	14.9	20.6	24.8	27.0	30.8	30.7	29.9	26.7	21.5	9.0	30.8	20.2
12	16.1	14.3	11.3	7.2	9.2	7.2	8.5	6.5	5.3	9.4	12.9	12.1	13.3	11.2	10.1	10.4	8.3	9.9	25.1	27.7	22.4	24.2	20.1	17.8	5.3	27.7	13.4
13	16.7	12.6	10.0	11.8	10.2	7.8	7.1	8.4	5.8	9.5	10.4	14.8	14.7	12.9	9.9	10.1	12.4	24.1	27.8	27.9	25.0	27.8	26.9	24.1	5.8	27.9	15.4
14	24.8	22.8	21.1	26.0	21.8	22.8	23.5	19.5	15.1	8.8	10.5	11.6	11.9	13.7	19.5	25.1	29.5	33.4	33.8	32.2	32.3	34.9	33.6	29.4	8.8	34.9	23.2
15	24.7	23.8	21.1	23.5	26.1	25.4	25.9	21.1	19.3	8.7	10.7	22.6	24.0	29.5	34.3	36.7	41.8	39.2	37.3	39.8	36.1	40.2	43.3	40.6	8.7	43.3	29.0
16	37.3	27.3	28.9	33.5	39.0	36.2	40.5	46.0	42.5	39.4	21.5	45.1	47.9	53.3	55.5	51.8	52.9	52.6	57.8	54.2	50.8	42.7	44.2	50.0	21.5	57.8	43.8
17	38.4	38.4	44.9	38.0	42.3	38.8	34.3	33.0	30.9	28.0	28.4	28.3	28.1	34.6	35.7	34.8	34.8	39.1	38.1	39.7	41.5	38.6	35.4	36.9	28.0	44.9	35.9
18	37.0	38.1	38.2	34.6	38.1	36.6	31.1	27.5	19.7	10.2	8.3	10.8	11.3	14.3	25.3	29.8	32.8	31.8	31.1	30.3	30.9	27.5	28.4	31.6	8.3	38.2	27.3
19	27.2	25.2	26.3	22.6	14.4	13.1	16.1	13.0	8.4	9.5	11.3	16.4	14.8	12.6	14.7	13.3	25.8	29.9	31.1	28.0	27.7	21.2	21.0	21.9	8.4	31.1	19.4
20	13.3	13.1	19.6	15.4	15.4	13.9	18.6	23.4	17.6	9.9	13.1	14.3	14.6	22.9	27.9	38.6	35.6	34.9	41.8	34.5	36.1	33.5	33.9	26.8	9.9	41.8	23.7
21	25.7	17.0	27.6	20.4	22.6	21.5	20.5	19.6	8.5	9.0	10.0	11.7	12.0	18.3	25.6	30.5	34.7	35.2	35.6	30.9	33.9	29.3	25.1	24.6	8.5	35.6	22.9
22	25.5	25.3	25.4	25.5	23.5	23.7	22.3	24.5	20.6	17.9	14.0	11.8	10.4	18.6	25.6	30.9	29.5	35.8	37.0	36.0	34.7	36.4	37.9	30.0	10.4	37.9	25.9
23	32.0	26.2	30.3	30.8	25.6	24.2	20.1	12.1	11.7	12.7	12.4	13.3	12.9	18.2	34.0	39.5	36.5	39.7	43.1	42.3	41.9	41.2	36.2	35.4	11.7	43.1	28.0
24	32.2	30.9	27.2	23.7	6.5	12.8	14.6	13.7	10.7	10.7	11.5	11.9	11.8	11.5	30.9	31.0	31.2	29.2	36.1	35.7	35.1	36.2	34.6	33.3	6.5	36.2	23.5
25	33.3	30.8	28.8	26.9	21.8	21.7	12.1	9.8	11.9	10.7	10.6	9.6	11.2	13.1	12.1	24.8	31.7	32.1	35.6	35.5	34.3	32.0	31.4	33.1	9.6	35.6	23.1
26	30.2	25.1	28.0	25.4	25.6	22.8	20.5	17.8	9.1	8.2	11.0	12.8	13.1	14.0	31.7	34.8	37.3	39.3	43.5	42.9	41.9	39.0	35.9	34.7	8.2	43.5	26.8
27	37.1	33.0	36.4	31.5	30.0	21.9	21.8	18.8	9.2	7.9	-960	-960	11.0	19.4	19.2	27.3	31.6	32.6	34.3	33.0	30.9	28.9	24.9	28.2	7.9	37.1	25.9
28	26.0	27.5	25.0	21.6	11.8	23.5	26.0	20.8	13.3	8.3	11.0	17.6	14.7	14.0	16.0	30.8	29.5	32.4	36.4	35.5	34.9	29.8	24.9	25.2	8.3	36.4	23.2
29	17.8	24.8	31.2	23.5	21.1	19.9	20.3	16.7	7.7	7.4	9.1	26.7	35.4	39.7	44.7	45.6	46.1	45.2	47.3	48.4	48.7	40.5	60.7	55.6	7.4	60.7	32.7
30	56.8	55.1	56.2	49.2	44.0	41.7	33.5	30.3	27.9	23.2	26.2	24.9	28.4	30.8	33.5	38.8	38.3	43.0	42.4	49.2	45.5	40.3	41.4	37.5	23.2	56.8	39.1
31	33.1	35.0	38.0	36.5	33.9	29.2	24.4	25.3	22.9	15.2	10.0	13.3	14.8	16.6	14.3	30.3	34.0	32.0	35.8	37.3	35.5	36.8	35.2	36.2	10.0	38.0	28.1
Min	13.3	12.6	10.0	7.2	6.5	7.2	7.1	6.5	5.3	7.4	8.3	9.6	10.4	11.2	9.9	10.1	8.3	9.9	25.1	27.7	22.4	21.2	20.1	17.8	5.3		
Max	56.8	55.1	56.2	49.2	44.0	45.6	51.7	46.0	43.5	41.8	45.1	53.2	53.3	53.3	55.5	51.8	52.9	52.6	57.8	54.2	50.8	45.4	60.7	55.6		60.7	
Avg	32.2	30.9	30.9	29.3	26.8	26.2	25.0	22.6	19.8	17.4	18.4	21.8	22.4	25.2	29.3	33.1	34.4	35.6	38.0	38.2	37.6	36.0	35.5	34.6			29.2

Total Data Records Possible: 744  
Total Valid Data Records: 742  
Percent Data Recovery: 99.7

#### 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: 7

Site: White Water Wash (data subject to change)  
Month: May  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 10-03-2005  
Printout Time: 07:33:09  
Output File Name: WWWB0505.7

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