

# White Water Wash Meteorological Data

July 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: July  
Year: 2005  
Time Zone: PST

Validation Level: B  
Printout Date: 09-30-2005  
Printout Time: 10:49:36  
Output File Name: WWWB0705.9

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	21.8	20.3	21.0	19.9	20.6	19.5	20.5	19.9	16.7	11.4	6.9	11.1	8.8	7.3	8.8	7.3	18.2	23.3	26.1	27.0	27.8	28.1	25.5	24.6	6.9	28.1	18.4
2	24.4	22.4	23.3	20.7	15.1	9.7	6.9	5.0	5.9	6.5	8.0	5.5	10.3	14.1	18.2	19.3	19.2	24.8	25.7	27.0	26.7	28.4	25.6	24.3	5.0	28.4	17.4
3	20.1	20.5	18.8	21.6	20.6	12.9	8.1	5.8	6.8	4.7	4.1	6.6	12.1	18.4	21.5	23.3	24.7	27.1	27.4	28.6	29.3	29.1	29.5	24.8	4.1	29.5	18.6
4	19.8	10.9	13.3	15.3	13.4	12.5	5.9	4.4	4.8	4.6	5.2	7.9	11.1	18.7	23.2	25.4	26.0	26.9	25.4	25.7	24.0	22.0	23.3	19.5	4.4	26.9	16.2
5	21.8	12.8	18.4	14.6	3.5	10.6	5.5	2.7	2.3	6.3	5.2	6.1	13.6	14.8	18.1	20.9	25.3	25.5	25.9	27.6	27.0	29.4	28.1	28.2	2.3	29.4	16.4
6	27.2	22.5	20.0	19.6	20.8	18.7	16.0	7.0	5.4	5.4	5.9	9.9	16.2	15.1	17.9	22.0	24.6	25.8	26.2	27.9	26.0	26.0	25.5	24.8	5.4	27.9	19.0
7	24.0	22.6	20.9	18.5	20.6	18.8	20.4	13.9	10.8	9.4	15.0	15.8	14.3	16.7	19.4	22.4	26.3	27.5	27.8	30.8	28.9	26.3	26.1	25.3	9.4	30.8	20.9
8	25.0	25.3	23.2	15.3	15.2	7.8	4.8	5.2	7.9	4.4	3.5	7.1	14.9	18.6	22.6	21.8	23.3	23.1	24.7	27.7	29.3	28.9	27.4	28.0	3.5	29.3	18.1
9	26.4	18.5	18.1	21.4	17.4	12.1	11.4	16.3	7.0	5.4	11.0	12.2	19.9	20.4	21.9	23.8	27.3	26.5	27.2	29.3	29.9	30.1	24.9	24.0	5.4	30.1	20.1
10	22.5	19.9	22.8	21.2	13.5	18.9	17.2	8.5	4.3	4.5	5.3	6.3	4.6	10.8	14.5	18.3	20.9	23.9	26.8	26.0	28.0	28.5	25.9	21.5	4.3	28.5	17.3
11	18.2	17.0	15.1	14.2	13.9	14.6	16.8	12.2	4.6	3.4	10.3	12.1	10.7	10.4	10.7	9.0	7.7	21.2	23.5	23.6	21.2	19.7	18.6	18.7	3.4	23.6	14.5
12	15.7	12.1	10.2	12.3	10.8	10.0	7.8	10.0	4.0	3.3	5.0	7.7	6.8	5.3	10.7	18.8	21.3	23.5	23.1	24.0	22.8	21.8	18.3	13.6	3.3	24.0	13.3
13	16.5	16.7	19.5	17.6	21.4	19.2	11.9	5.3	5.2	6.2	7.7	7.6	6.0	17.6	20.5	22.4	23.7	23.3	22.6	24.9	25.0	20.5	15.1	8.1	5.2	25.0	16.0
14	9.3	3.5	1.7	4.1	7.1	5.6	3.2	4.6	5.2	2.8	4.1	6.6	7.6	6.5	5.8	24.6	22.4	17.0	24.5	21.5	12.4	17.7	6.4	5.5	1.7	24.6	9.6
15	7.2	3.7	3.4	3.0	4.9	4.9	3.2	7.7	8.7	7.8	5.7	4.9	5.5	5.7	5.4	14.6	21.1	20.0	20.7	20.5	19.5	16.8	13.1	9.1	3.0	21.1	9.9
16	6.5	6.9	5.3	8.5	8.1	11.4	6.0	4.4	4.0	3.5	4.0	8.7	8.2	6.5	9.1	22.8	23.8	24.9	25.0	25.8	26.7	27.5	22.8	18.0	3.5	27.5	13.3
17	18.4	19.1	15.4	12.2	11.3	14.2	8.3	8.1	3.9	2.6	5.1	14.2	25.1	27.1	28.5	28.7	28.4	28.5	30.9	32.1	31.6	25.7	26.6	25.2	2.6	32.1	19.6
18	26.2	22.8	21.1	21.9	14.9	6.5	4.4	3.4	4.3	6.4	10.4	12.8	11.4	7.6	7.2	6.3	16.1	19.7	21.6	21.5	18.7	17.0	15.5	8.2	3.4	26.2	13.6
19	7.4	9.8	12.7	12.7	6.8	6.7	5.2	5.0	2.9	3.1	6.5	13.8	18.1	15.8	9.7	7.1	5.8	6.6	11.0	18.0	20.8	20.2	17.2	16.1	2.9	20.8	10.8
20	7.0	3.9	8.7	15.4	9.2	4.1	3.2	2.6	3.3	3.1	3.1	4.0	9.9	12.7	12.1	9.7	8.2	7.2	9.6	6.6	7.0	8.7	9.4	12.9	2.6	15.4	7.6
21	15.2	11.9	9.1	7.5	5.9	4.6	10.4	8.6	4.0	4.2	4.8	5.0	8.0	10.2	9.4	5.7	5.6	20.4	24.0	21.3	23.7	20.0	21.9	19.3	4.0	24.0	11.7
22	17.9	16.0	15.5	15.3	16.6	14.4	14.3	6.1	6.4	9.2	7.4	7.8	8.9	10.6	6.0	3.6	6.6	18.9	20.1	20.2	22.6	22.6	22.2	18.4	3.6	22.6	13.6
23	17.7	8.6	5.5	9.9	7.5	5.4	9.4	9.2	5.9	4.4	5.7	11.2	12.7	12.1	8.6	7.1	4.2	3.6	3.5	3.6	3.1	5.1	2.0	4.2	2.0	17.7	7.1
24	4.1	4.5	4.5	3.3	5.6	10.4	11.4	11.0	8.0	9.5	5.7	4.1	6.5	14.1	10.9	8.8	5.3	5.4	4.0	2.8	1.7	3.9	14.1	14.5	1.7	14.5	7.2
25	16.0	14.4	13.2	13.4	12.6	10.6	8.2	9.7	4.2	3.6	4.5	5.2	5.0	4.0	4.6	14.7	22.4	24.5	25.0	24.8	22.8	22.3	22.3	23.3	3.6	25.0	13.8
26	21.0	18.2	18.7	18.3	18.9	16.8	16.9	14.9	8.9	3.6	4.7	6.1	6.8	5.6	5.5	18.3	22.5	25.0	26.3	25.6	26.5	25.5	24.1	24.5	3.6	26.5	16.8
27	21.3	18.6	19.2	19.7	17.8	15.9	18.1	18.3	11.6	4.0	4.7	4.6	7.8	7.8	8.4	7.8	14.8	20.3	21.5	24.2	24.2	23.8	23.6	20.9	4.0	24.2	15.8
28	20.7	19.6	19.1	18.5	16.9	11.0	16.6	10.4	5.5	5.1	8.4	10.5	9.8	10.0	9.7	7.0	4.0	4.9	11.6	18.9	19.8	20.4	18.4	15.8	4.0	20.7	13.0
29	16.1	15.4	17.7	18.8	11.9	6.0	4.7	3.1	5.7	9.4	12.3	10.9	5.1	14.3	9.0	6.8	6.5	5.0	3.8	11.2	15.3	10.9	5.4	3.6	3.1	18.8	9.5
30	7.2	3.4	3.5	7.0	6.1	3.3	5.0	4.3	5.2	6.3	9.3	6.2	4.5	6.7	4.1	3.3	4.2	5.1	2.3	2.1	6.6	11.3	5.1	4.1	2.1	11.3	5.3
31	5.3	3.2	4.9	4.7	5.4	5.5	1.7	1.9	2.8	5.1	7.1	9.9	11.3	7.2	6.2	5.7	5.3	4.3	8.5	16.2	13.6	18.1	18.3	19.0	1.7	19.0	8.0
Min	4.1	3.2	1.7	3.0	3.5	3.3	1.7	1.9	2.3	2.6	3.1	4.0	4.5	4.0	4.1	3.3	4.0	3.6	2.3	2.1	1.7	3.9	2.0	3.6	1.7		
Max	27.2	25.3	23.3	21.9	21.4	19.5	20.5	19.9	16.7	11.4	15.0	15.8	25.1	27.1	28.5	28.7	28.4	28.5	30.9	32.1	31.6	30.1	29.5	28.2		32.1	
Avg	17.0	14.4	14.3	14.4	12.7	11.0	9.8	8.0	6.0	5.5	6.7	8.5	10.4	12.0	12.5	14.7	16.6	18.8	20.2	21.5	21.4	21.2	19.4	17.7			13.9

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: 10

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

Validation Level: B  
 Printout Date: 09-30-2005  
 Printout Time: 10:49:36  
 Output File Name: WWWB0705.10

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	300	305	302	308	314	310	301	298	299	296	172	123	136	146	138	127	304	302	304	301	302	300	301	300	[WNW]
2	302	299	300	296	288	286	228	181	159	160	155	195	305	310	315	308	306	308	306	305	309	303	294	291	[WNW]
3	299	294	294	289	296	284	253	223	293	240	228	168	284	306	305	303	305	304	299	300	304	302	296	297	[WNW]
4	298	300	293	290	287	278	211	193	168	186	194	268	279	303	302	300	299	296	295	295	298	305	303	306	[WNW]
5	301	283	288	265	306	296	201	186	160	145	157	158	291	301	306	307	308	303	304	301	302	298	296	296	[WNW]
6	296	296	311	302	304	293	290	225	176	185	154	301	308	306	309	305	303	303	307	302	302	304	307	313	[WNW]
7	311	296	298	302	306	307	307	285	276	259	300	305	314	309	308	304	302	301	301	299	299	300	298	301	[WNW]
8	302	302	298	281	284	275	218	170	143	157	138	306	310	306	306	309	306	305	303	300	299	300	297	295	[WNW]
9	293	278	294	304	296	275	272	290	269	276	297	314	303	305	303	303	301	300	301	298	300	303	302	298	[WNW]
10	291	288	293	296	296	304	307	254	267	247	172	164	107	329	307	311	305	303	302	304	302	300	300	311	[WNW]
11	326	322	312	319	326	313	305	289	286	168	134	147	159	147	139	138	155	300	299	302	302	304	315	311	[NW ]
12	315	323	342	334	335	340	338	311	241	171	140	154	156	150	253	301	301	301	299	300	299	301	306	294	[WNW]
13	322	322	327	330	320	323	300	224	176	151	143	144	142	294	297	302	302	304	302	303	301	295	318	306	[WNW]
14	121	197	311	338	344	7	344	119	157	137	164	146	143	143	140	300	292	281	292	289	277	290	266	289	[WNW]
15	298	224	254	155	259	356	165	135	128	144	150	146	152	160	162	301	300	302	302	300	307	309	316	352	[WNW]
16	314	334	338	334	316	311	128	144	153	155	134	152	156	152	265	299	299	300	302	300	299	297	293	313	[WNW]
17	315	313	304	287	297	303	282	224	160	168	189	284	300	300	299	302	302	304	303	300	298	318	308	319	[WNW]
18	319	320	326	321	283	250	194	179	216	245	155	137	119	129	149	155	302	297	298	298	297	311	311	317	[NW ]
19	107	113	112	115	7	283	245	212	232	209	148	137	125	128	144	141	163	136	295	305	300	305	309	307	[SE ]
20	324	101	54	128	124	151	321	354	339	290	231	203	157	125	131	130	149	142	124	125	298	304	304	305	[SE ]
21	305	311	308	331	301	350	306	306	266	218	138	122	139	133	127	133	152	299	296	295	300	305	300	301	[WNW]
22	304	322	313	313	309	311	308	191	163	149	137	139	143	147	128	346	315	301	300	301	299	303	297	130	[NW ]
23	131	125	101	119	108	110	120	130	106	142	138	140	129	132	143	148	152	120	136	154	115	346	299	324	[SE ]
24	322	330	316	347	89	114	117	125	110	148	159	179	350	22	7	220	332	359	264	235	266	297	306	307	[NW ]
25	313	315	315	311	305	304	308	301	219	205	169	143	165	141	161	288	302	300	300	302	300	300	303	297	[WNW]
26	298	298	318	311	308	312	305	298	293	270	144	148	136	160	146	300	300	300	300	301	298	299	300	298	[WNW]
27	305	318	317	312	311	292	298	296	291	280	155	150	154	146	140	135	302	301	299	300	300	300	300	300	[WNW]
28	310	310	315	313	310	308	295	293	242	179	136	136	142	140	140	116	145	127	309	300	302	303	303	321	[NW ]
29	316	315	311	303	257	103	103	144	147	162	154	144	139	192	181	163	179	210	204	308	302	334	120	287	[SSE]
30	321	355	317	110	103	109	147	139	132	153	145	149	158	270	170	191	185	149	166	77	275	98	302	352	[SSE]
31	100	78	343	18	334	342	344	208	152	160	153	151	135	120	150	155	173	186	314	299	290	302	303	299	[SSE]

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

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- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.1

Validation Level: B  
Printout Date: 09-30-2005  
Printout Time: 10:49:36  
Output File Name: WWWB0705.10t

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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
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Processed using: TABLE.EXE version 1.1

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

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

Validation Level: B  
 Printout Date: 09-30-2005  
 Printout Time: 10:49:37  
 Output File Name: WWWB0705.11

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	8.0	8.9	9.4	8.5	7.5	8.1	8.5	8.6	9.5	16.4	38.5	14.3	18.9	19.6	16.3	38.5	44.7	9.3	8.9	8.3	8.6	8.0	7.9	8.2	7.5	44.7	14.3
2	9.0	8.7	8.8	10.9	11.9	22.5	27.5	16.2	14.7	13.3	15.4	41.2	30.2	24.3	21.0	15.8	13.8	13.1	10.5	9.4	10.1	11.4	12.6	11.8	8.7	41.2	16.0
3	11.6	10.4	14.6	12.9	10.9	18.5	29.4	31.9	44.2	52.3	44.1	39.6	25.9	17.5	12.9	13.2	13.3	11.9	10.4	9.2	9.9	10.7	9.1	10.4	9.1	52.3	19.8
4	10.1	21.9	13.0	11.1	13.8	12.1	21.4	14.6	19.2	24.2	33.2	52.0	32.5	13.8	11.4	9.5	9.6	9.4	9.1	8.9	12.4	12.9	11.6	13.5	8.9	52.0	16.7
5	11.7	20.1	12.3	26.0	60.6	23.7	28.9	21.2	40.0	15.2	37.4	63.9	34.3	25.8	16.4	13.7	10.4	9.5	11.4	9.2	9.7	9.6	9.3	9.2	9.2	63.9	22.1
6	9.1	9.5	9.9	12.0	9.5	10.4	11.5	28.3	17.2	18.5	20.4	52.9	19.1	25.4	16.5	13.0	11.4	9.5	12.5	9.6	9.1	9.9	9.6	9.5	9.1	52.9	15.2
7	10.0	9.8	9.1	10.3	8.2	9.1	8.6	15.6	23.2	22.0	16.5	18.5	22.9	15.7	17.8	14.4	9.1	9.0	8.6	8.1	8.3	8.6	9.2	8.4	8.1	23.2	12.5
8	8.6	8.5	8.4	10.8	11.0	19.8	22.3	12.4	12.4	30.3	51.8	39.7	20.7	13.3	12.2	16.6	12.0	12.7	11.1	9.7	8.6	9.5	9.6	11.2	8.4	51.8	16.0
9	11.4	15.2	11.5	9.2	9.7	11.9	17.6	11.3	26.4	55.7	28.3	21.7	14.7	14.9	14.3	13.4	11.0	12.1	9.8	11.1	10.0	8.9	14.3	11.1	8.9	55.7	15.6
10	10.9	10.0	8.9	8.8	12.0	10.1	11.0	35.2	40.1	50.7	25.3	26.8	71.0	32.4	24.5	16.2	11.9	11.4	9.0	9.8	8.4	7.9	7.8	9.3	7.8	71.0	19.6
11	10.1	8.8	9.0	9.4	8.2	8.5	7.7	9.3	29.1	36.9	15.5	16.3	14.0	14.1	12.9	15.3	29.1	9.2	7.7	7.4	7.8	7.8	7.3	7.5	7.3	36.9	12.9
12	7.3	8.4	7.7	8.0	6.7	7.2	13.3	10.5	27.3	43.5	30.7	18.0	21.2	25.5	33.4	11.2	9.7	7.9	7.7	8.2	8.2	8.3	9.8	11.6	6.7	43.5	14.6
13	10.5	15.3	13.0	14.6	8.6	8.4	10.9	18.5	16.6	14.6	14.5	16.1	47.7	18.6	10.4	9.7	8.8	8.2	9.2	7.8	8.0	11.1	16.2	24.4	7.8	47.7	14.2
14	15.2	43.0	62.1	21.9	10.2	16.9	14.8	29.7	21.5	62.7	33.9	15.0	15.0	17.6	41.4	10.8	8.3	13.0	9.0	9.4	19.3	11.1	43.3	49.0	8.3	62.7	24.8
15	25.5	34.7	49.8	39.2	41.4	19.6	19.8	11.8	13.1	13.3	24.0	32.6	28.3	27.4	43.0	31.9	10.4	11.8	9.9	8.5	8.7	8.8	9.9	13.4	8.5	49.8	22.4
16	7.6	10.4	9.6	5.3	18.4	11.6	32.8	31.8	22.1	33.7	54.9	15.0	15.2	25.1	55.1	8.8	8.7	8.9	8.5	8.4	8.5	8.2	9.8	8.9	5.3	55.1	17.8
17	9.0	7.5	10.5	11.8	11.3	12.1	16.0	29.0	29.1	37.0	31.5	29.3	8.3	10.3	9.3	9.7	9.2	9.3	8.0	7.4	8.0	9.9	7.7	8.7	7.4	37.0	14.2
18	8.1	8.8	9.2	8.4	20.1	25.2	15.5	12.9	35.3	29.3	15.0	13.3	11.7	21.9	19.3	20.8	48.9	10.0	10.8	10.4	10.1	9.0	8.3	37.3	8.1	48.9	17.5
19	23.7	9.3	8.4	11.1	17.2	8.7	13.5	16.6	34.2	34.8	17.5	14.4	12.0	11.8	16.8	21.9	15.0	19.8	22.8	9.9	8.4	8.3	9.1	7.5	7.5	34.8	15.5
20	48.6	26.3	19.5	10.3	10.3	17.0	21.6	46.5	54.3	57.8	57.1	51.9	23.7	13.8	11.6	13.7	11.0	10.9	9.3	14.8	12.0	7.7	7.8	7.8	7.7	57.8	23.6
21	7.3	8.7	9.9	18.0	11.3	16.1	9.0	14.9	23.9	57.3	52.0	28.2	19.4	17.6	13.8	34.6	40.2	9.7	7.7	9.4	8.8	9.4	7.7	7.8	7.3	57.3	18.5
22	8.4	8.7	8.2	8.3	7.2	8.3	8.0	19.2	14.6	14.9	18.5	18.5	16.7	15.9	15.9	46.1	41.0	10.5	7.9	9.1	7.5	8.4	21.8	28.3	7.2	46.1	15.5
23	10.9	13.7	11.4	9.5	9.3	10.9	11.1	12.8	20.3	32.1	32.2	15.1	14.2	15.8	10.3	11.6	12.9	21.3	16.9	7.6	13.0	19.9	54.8	16.8	7.6	54.8	16.9
24	22.3	13.8	17.0	21.7	15.3	8.6	9.9	11.4	18.3	15.9	34.0	53.2	48.9	27.8	19.1	10.6	41.5	9.3	29.4	13.7	42.2	30.5	7.9	8.3	7.9	53.2	22.1
25	10.7	12.6	9.9	9.1	8.9	11.8	12.1	12.8	26.0	33.4	35.3	31.6	34.1	49.8	42.0	25.7	9.9	9.3	8.7	8.8	8.3	8.0	8.3	8.0	8.0	49.8	18.1
26	8.9	9.4	10.3	9.1	8.0	8.8	8.1	8.8	15.9	61.9	32.3	23.8	25.8	37.0	32.2	21.3	9.1	8.9	8.4	8.2	7.3	7.5	7.9	7.8	7.3	61.9	16.1
27	8.6	8.1	8.6	7.5	9.1	9.0	8.4	7.9	15.8	44.1	34.5	38.3	19.0	20.7	20.8	21.6	35.5	10.3	8.5	8.2	8.3	7.7	7.3	7.7	7.3	44.1	15.6
28	7.7	7.7	7.8	8.0	8.2	9.5	7.9	13.4	20.6	32.3	16.8	17.7	16.3	16.1	13.3	25.2	30.1	15.7	39.8	8.4	8.0	7.6	8.3	8.0	7.6	39.8	14.8
29	8.0	8.9	7.3	7.6	15.4	23.1	14.8	34.8	26.7	31.0	29.5	24.3	39.7	11.2	25.5	26.3	24.0	16.9	29.4	12.6	7.9	24.8	25.3	26.8	7.3	39.7	20.9
30	7.7	20.3	44.6	10.2	9.5	12.5	16.1	28.1	21.4	24.1	35.2	17.1	34.8	37.7	45.6	32.3	35.4	15.9	13.6	35.6	65.1	10.5	41.4	24.1	7.7	65.1	26.6
31	19.7	19.4	12.8	8.7	9.0	7.4	45.4	34.7	48.2	28.4	27.1	15.0	14.0	14.8	27.9	24.8	27.4	24.6	41.8	9.9	13.0	8.4	8.7	8.2	7.4	48.2	20.8
Min	7.3	7.5	7.3	5.3	6.7	7.2	7.7	7.9	9.5	13.3	14.5	13.3	8.3	10.3	9.3	8.8	8.3	7.9	7.7	7.4	7.3	7.5	7.3	7.5	5.3		
Max	48.6	43.0	62.1	39.2	60.6	25.2	45.4	46.5	54.3	62.7	57.1	63.9	71.0	49.8	55.1	46.1	48.9	24.6	41.8	35.6	65.1	30.5	54.8	49.0		71.0	
Avg	12.5	13.8	14.6	12.2	13.5	13.1	16.2	19.7	25.2	33.5	30.7	28.2	24.8	21.1	22.0	19.3	19.8	11.9	13.4	10.2	12.4	10.6	13.9	13.9			17.8

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 1.1

Variable: Running 3-Second Gust  
Units: mph  
Channel: 17

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

Validation Level: B  
Printout Date: 09-30-2005  
Printout Time: 10:49:43  
Output File Name: WWWB0705.17

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	34.0	30.4	32.4	31.3	31.4	29.5	32.0	30.1	25.7	20.5	15.2	16.6	16.1	13.1	15.2	16.4	34.0	35.2	40.5	40.5	40.9	39.3	39.2	40.0	13.1	40.9	29.1
2	35.5	37.0	38.0	33.3	26.5	22.0	19.8	8.6	9.6	10.0	12.6	14.5	21.9	27.2	34.0	31.9	32.8	43.3	41.4	41.0	40.8	46.9	46.8	43.0	8.6	46.9	29.9
3	35.6	33.7	36.5	36.0	36.8	27.0	19.3	12.7	21.9	12.1	10.5	12.3	27.8	33.2	32.5	37.6	46.7	43.4	43.9	43.3	48.4	46.7	46.8	44.9	10.5	48.4	32.9
4	37.5	23.3	25.1	27.9	27.4	22.8	19.1	7.2	9.4	10.1	11.3	26.9	28.7	33.0	41.7	39.3	40.1	43.0	41.0	40.2	40.0	38.7	38.1	37.9	7.2	43.0	29.6
5	37.2	31.0	32.4	33.2	10.5	28.0	20.9	5.3	6.1	9.4	10.7	22.6	25.9	28.8	31.2	31.6	36.2	36.7	41.7	42.9	44.0	46.4	44.1	47.7	5.3	47.7	29.4
6	43.8	34.6	32.7	33.1	31.1	29.1	27.0	19.7	9.6	10.2	11.6	25.6	27.8	28.1	30.9	34.6	38.2	38.4	45.1	41.8	42.0	42.4	38.1	39.2	9.6	45.1	31.4
7	41.5	38.0	35.4	29.3	31.6	34.0	28.4	23.6	21.2	25.5	27.8	28.6	26.1	28.1	34.3	36.0	38.5	40.9	43.2	43.5	41.3	39.4	39.5	37.1	21.2	43.5	33.9
8	37.2	38.8	35.2	29.7	25.6	23.2	19.6	9.7	12.2	11.8	10.0	19.7	28.4	31.0	37.6	36.7	37.3	39.3	40.0	42.4	46.3	44.1	43.5	44.1	9.7	46.3	31.0
9	43.5	36.8	30.0	36.8	31.1	23.8	25.3	27.8	15.5	11.3	22.1	23.3	34.5	34.7	36.5	40.3	45.5	46.6	42.7	47.3	49.7	45.9	42.3	39.1	11.3	49.7	34.7
10	37.1	31.8	36.2	30.5	27.5	31.4	28.6	21.7	10.1	11.1	11.3	12.4	17.7	24.2	28.2	32.0	34.1	40.9	43.3	39.5	40.9	42.7	40.2	35.1	10.1	43.3	29.5
11	29.3	26.2	25.4	22.4	21.9	23.4	24.9	19.4	10.0	9.5	20.0	20.1	17.2	17.8	18.1	15.2	22.5	30.0	32.4	32.2	31.6	29.8	26.7	27.1	9.5	32.4	23.0
12	25.0	20.0	15.1	18.1	16.4	14.2	15.1	16.3	9.4	8.0	10.4	14.3	12.8	10.5	26.6	28.1	30.3	32.9	32.2	34.9	34.4	33.7	28.0	28.6	8.0	34.9	21.5
13	29.3	33.9	33.8	31.4	33.0	31.4	23.0	8.6	8.3	9.4	13.1	11.5	20.3	29.3	30.8	34.6	33.5	38.2	35.4	37.8	36.8	34.0	29.2	21.5	8.3	38.2	27.0
14	19.5	7.8	4.4	7.4	9.9	8.5	5.8	11.3	10.7	8.0	8.8	10.7	12.1	11.3	17.6	40.3	36.3	29.9	37.0	31.9	28.9	29.5	19.7	14.8	4.4	40.3	17.6
15	18.7	16.3	8.3	5.5	8.4	8.3	6.1	14.0	14.0	13.9	9.8	10.8	11.0	12.1	12.0	32.2	32.7	31.9	32.2	31.6	31.4	28.1	21.9	15.9	5.5	32.7	17.8
16	9.9	10.4	9.1	15.3	17.0	18.3	15.1	11.9	7.8	7.9	9.1	14.5	15.0	11.4	28.7	31.9	36.8	35.7	35.9	37.5	41.6	38.8	36.6	30.3	7.8	41.6	21.9
17	30.0	29.4	27.3	22.7	19.4	26.3	19.0	18.5	6.5	6.0	10.4	30.4	34.3	36.8	41.7	40.5	44.5	43.3	46.0	45.3	45.3	42.2	38.1	36.6	6.0	46.0	30.9
18	37.8	34.3	34.6	32.6	33.3	12.2	9.6	6.5	11.5	16.4	17.0	20.2	18.3	14.2	12.6	11.2	30.9	31.3	33.0	34.4	28.9	25.5	27.3	17.0	6.5	37.8	22.9
19	14.8	18.3	22.0	30.0	13.5	9.6	8.0	9.6	7.1	9.0	13.0	26.3	27.5	25.6	19.2	12.9	11.5	21.5	24.0	30.8	30.8	29.1	27.9	23.7	7.1	30.8	19.4
20	19.0	8.5	23.4	28.4	19.9	9.2	6.6	6.2	7.8	8.6	9.1	14.5	17.0	20.0	18.3	16.1	14.5	11.0	15.8	12.9	14.2	15.3	13.8	22.6	6.2	28.4	14.7
21	21.5	20.3	16.2	13.4	14.3	8.1	17.3	15.3	11.6	8.6	11.5	10.9	15.1	16.3	15.3	11.6	24.4	30.7	36.2	33.3	38.7	30.3	32.4	30.1	8.1	38.7	20.1
22	25.5	24.0	23.9	23.7	23.1	21.9	21.1	16.3	14.9	15.2	11.9	13.2	15.6	17.5	13.1	9.4	19.4	31.3	31.6	32.9	32.5	32.5	39.3	34.0	9.4	39.3	22.7
23	33.1	20.2	15.9	16.1	13.6	9.9	17.4	16.8	11.6	13.2	14.3	18.6	20.0	19.7	13.3	12.6	7.3	7.2	6.1	6.0	4.6	11.8	5.1	9.4	4.6	33.1	13.5
24	9.1	7.4	8.4	5.6	14.8	16.7	20.1	18.3	16.1	16.1	11.8	10.4	16.7	28.4	23.8	17.5	12.1	9.1	8.3	6.1	4.5	10.3	22.2	23.3	4.5	28.4	14.0
25	28.7	27.4	20.5	21.3	20.2	18.6	15.3	15.1	8.3	7.6	11.0	10.9	12.4	9.8	11.0	30.6	33.2	36.1	39.8	38.9	35.7	34.3	32.3	33.7	7.6	39.8	23.0
26	34.2	28.6	29.5	27.8	27.2	27.0	25.9	21.0	18.5	9.4	11.0	11.7	13.4	13.0	12.4	29.1	33.3	37.3	38.1	36.4	37.6	37.4	34.4	36.8	9.4	38.1	26.3
27	34.7	27.4	29.6	28.2	27.2	24.6	26.5	26.7	21.0	9.8	10.2	11.5	14.0	20.8	19.0	17.8	29.3	31.9	32.7	36.5	34.7	32.7	31.9	30.9	9.8	36.5	25.4
28	30.3	30.2	28.1	30.2	25.0	18.3	27.3	19.7	12.1	11.4	15.6	17.2	16.4	17.4	14.9	14.8	11.3	9.1	23.8	31.2	28.4	30.3	28.5	22.8	9.1	31.2	21.4
29	24.2	25.3	25.3	27.1	24.8	13.1	9.6	7.9	10.1	25.4	29.0	30.5	22.6	26.2	21.1	13.8	12.1	9.1	13.1	19.1	23.2	19.2	12.8	9.5	7.9	30.5	18.9
30	12.0	6.6	6.5	12.2	10.8	7.2	8.5	9.6	10.7	19.7	44.4	11.3	9.3	20.8	12.9	7.4	9.0	9.3	5.3	5.0	20.7	20.5	8.9	9.4	5.0	44.4	12.4
31	11.0	8.6	7.2	6.7	6.7	8.6	5.7	5.0	8.9	10.9	15.2	17.7	17.5	13.6	13.0	11.8	12.8	10.9	21.0	24.1	22.6	26.9	27.3	28.0	5.0	28.0	14.2
Min	9.1	6.6	4.4	5.5	6.7	7.2	5.7	5.0	6.1	6.0	8.8	10.4	9.3	9.8	11.0	7.4	7.3	7.2	5.3	5.0	4.5	10.3	5.1	9.4	4.4		
Max	43.8	38.8	38.0	36.8	36.8	34.0	32.0	30.1	25.7	25.5	44.4	30.5	34.5	36.8	41.7	40.5	46.7	46.6	46.0	47.3	49.7	46.9	46.8	47.7		49.7	
Avg	28.4	24.7	24.1	24.1	21.9	19.6	18.3	14.8	12.2	12.1	14.5	17.4	19.8	21.7	23.1	25.0	28.4	30.2	32.3	32.9	33.6	33.1	31.1	29.5			23.9

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: 7

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

Validation Level: B  
Printout Date: 09-30-2005  
Printout Time: 10:49:34  
Output File Name: WWWB0705.7

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