

White Water Wash Meteorological Data

January 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: January
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 09:16:24
Output File Name: WWWB0105.9

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	7.0	6.2	13.2	15.6	13.3	12.3	14.8	13.6	15.9	6.4	4.5	2.7	5.2	3.7	6.3	14.3	15.5	13.1	11.2	6.7	8.6	6.6	7.4	7.8	2.7	15.9	9.7
2	7.1	7.2	6.4	6.9	7.2	6.5	4.6	5.7	4.4	1.9	2.9	5.3	5.6	5.7	5.5	5.9	5.1	3.9	2.6	3.8	5.4	5.3	5.0	6.1	1.9	7.2	5.2
3	5.8	6.5	7.2	6.3	7.1	3.8	3.0	3.4	5.0	3.3	3.3	4.3	3.5	3.4	3.3	3.0	2.6	3.0	2.0	6.8	5.4	3.9	2.6	3.7	2.0	7.2	4.3
4	5.1	7.3	4.5	2.5	4.6	5.1	4.8	5.9	4.2	5.4	5.7	2.7	2.2	6.5	2.7	6.3	3.9	5.2	3.8	3.7	2.4	3.2	2.5	2.2	2.2	7.3	4.3
5	3.5	3.6	3.2	4.1	3.5	5.2	6.3	5.5	2.9	2.2	4.2	5.3	5.3	6.6	6.6	6.5	5.6	4.1	3.4	4.4	4.3	5.0	6.5	7.2	2.2	7.2	4.8
6	5.8	6.1	6.7	5.0	5.9	7.6	7.1	5.9	5.7	2.5	3.0	3.3	2.3	3.6	3.4	3.8	3.8	3.3	2.9	4.9	5.3	5.3	5.2	5.9	2.3	7.6	4.8
7	7.3	6.5	5.5	4.7	5.5	4.4	3.1	4.5	3.9	3.3	4.4	2.7	5.1	3.5	5.6	4.4	9.6	12.4	10.4	7.4	5.3	4.7	5.0	4.6	2.7	12.4	5.6
8	4.1	2.7	3.5	5.7	5.8	6.1	4.2	2.8	2.1	1.2	3.5	6.3	2.7	5.3	4.0	6.1	7.0	6.1	4.2	5.0	2.8	3.9	4.0	2.8	1.2	7.0	4.2
9	2.4	2.2	3.8	3.3	2.6	5.8	7.0	9.5	5.2	3.6	2.3	3.0	3.9	2.5	5.2	2.7	3.1	8.7	6.7	4.7	4.2	2.3	5.1	4.8	2.2	9.5	4.4
10	2.8	3.0	3.7	5.7	4.0	4.9	1.8	1.8	2.5	3.4	3.6	4.6	7.0	7.1	6.7	3.6	3.5	2.5	3.5	3.7	2.2	2.8	2.7	3.1	1.8	7.1	3.8
11	3.4	3.0	2.1	4.5	4.3	3.4	3.9	7.5	8.7	12.5	27.1	29.6	30.1	28.1	29.8	24.9	19.0	18.9	22.0	16.4	12.5	12.3	15.2	23.6	2.1	30.1	15.1
12	23.5	19.1	19.3	18.7	15.0	11.6	12.5	17.7	17.8	5.1	1.9	5.2	6.5	3.0	3.6	6.7	3.2	5.0	3.2	6.4	4.8	5.6	7.0	6.8	1.9	23.5	9.5
13	8.4	9.2	8.2	7.6	5.6	7.1	7.8	7.7	5.5	3.4	3.0	4.7	5.2	4.5	4.4	3.2	1.6	1.6	2.7	6.1	6.9	5.8	7.9	7.1	1.6	9.2	5.6
14	6.6	6.5	5.7	7.3	6.6	6.5	7.5	8.1	6.0	2.5	1.3	2.3	4.5	3.8	4.8	4.9	3.8	3.7	8.1	6.8	7.4	9.4	6.0	8.3	1.3	9.4	5.8
15	7.1	7.7	7.7	6.3	8.0	6.9	7.6	7.1	5.5	2.0	0.9	2.9	2.2	3.4	2.9	2.1	2.3	6.4	6.2	8.4	8.1	7.2	8.6	8.2	0.9	8.6	5.7
16	7.9	7.2	9.2	9.2	8.4	8.5	7.6	7.8	3.4	3.3	4.4	2.1	1.4	1.8	2.1	2.5	2.5	5.0	6.4	8.1	8.8	7.8	8.3	7.3	1.4	9.2	5.9
17	7.8	8.2	8.9	8.1	8.6	5.8	4.3	11.0	14.4	9.1	9.5	9.9	10.1	9.4	9.6	7.2	8.7	13.1	9.8	7.0	8.5	7.1	6.0	5.9	4.3	14.4	8.7
18	7.1	4.6	5.1	6.2	7.7	5.7	4.4	5.4	5.1	1.7	2.2	2.7	1.8	3.3	6.1	5.4	4.4	4.1	6.4	6.2	6.4	5.6	7.8	4.0	1.7	7.8	5.0
19	9.1	8.4	7.4	8.7	7.5	5.6	6.7	7.1	5.5	3.1	1.2	2.6	1.8	2.3	3.3	3.4	4.6	7.3	9.4	6.3	8.1	8.8	8.7	7.6	1.2	9.4	6.0
20	9.3	9.9	9.6	7.9	9.3	6.8	7.0	8.0	5.2	3.6	4.4	2.8	4.2	5.4	8.9	2.4	3.0	5.0	5.9	8.7	9.6	7.5	7.9	5.7	2.4	9.9	6.6
21	8.2	6.4	7.5	7.1	8.6	4.5	5.0	5.5	3.7	3.5	5.6	1.8	1.4	2.6	10.8	9.0	10.4	6.8	6.7	5.4	5.2	6.8	7.4	7.4	1.4	10.8	6.1
22	6.0	7.6	6.6	7.0	4.4	3.7	7.3	4.3	3.4	1.7	1.9	2.1	2.4	3.7	4.4	5.6	4.1	2.2	2.9	5.5	6.8	7.0	6.7	7.1	1.7	7.6	4.8
23	8.2	8.6	8.0	7.8	7.9	6.7	7.9	6.6	4.8	2.7	1.9	4.7	6.9	7.3	7.0	4.4	3.6	5.0	8.4	6.7	5.9	7.0	5.8	6.9	1.9	8.6	6.3
24	6.6	7.3	7.2	5.4	4.6	4.2	6.1	5.1	4.7	1.4	2.1	3.7	2.6	2.2	6.7	8.3	2.3	2.0	3.1	5.2	6.8	7.0	5.4	5.9	1.4	8.3	4.8
25	6.8	7.1	7.6	7.2	5.8	6.2	5.6	5.3	3.8	2.7	1.2	0.9	2.6	4.2	3.6	4.2	2.3	1.8	4.2	7.5	6.2	5.3	6.3	4.9	0.9	7.6	4.7
26	6.4	4.6	4.9	3.2	2.5	1.5	2.1	3.8	3.1	1.5	1.6	4.6	4.2	3.4	2.7	3.9	2.4	5.1	5.6	3.5	3.4	5.0	9.5	15.7	1.5	15.7	4.3
27	14.4	10.1	9.7	5.8	5.6	5.1	4.7	4.5	3.9	3.0	4.3	4.4	5.8	6.7	4.8	6.1	7.7	11.5	13.1	16.5	18.2	18.3	21.4	17.7	3.0	21.4	9.3
28	15.4	7.0	6.5	9.5	4.5	2.4	4.9	5.6	3.4	1.6	4.0	6.0	5.3	4.7	2.3	5.1	4.8	5.0	7.3	5.3	2.3	5.8	6.3	9.5	1.6	15.4	5.6
29	4.5	4.4	5.7	3.5	6.8	6.1	8.4	4.8	8.3	10.5	18.2	17.5	18.7	19.7	17.2	16.2	14.5	13.3	14.8	18.3	20.1	13.3	13.2	16.2	3.5	20.1	12.3
30	12.1	12.5	14.4	10.9	8.3	7.7	10.0	3.6	4.9	4.2	3.4	14.4	15.8	13.3	12.9	8.1	8.3	15.4	12.1	4.0	3.8	6.0	7.3	7.0	3.4	15.8	9.2
31	6.2	6.2	7.6	7.5	7.9	7.2	6.4	5.5	5.2	14.2	17.2	17.9	11.0	18.3	17.0	13.6	7.4	10.4	8.3	5.9	6.6	6.4	5.2	8.5	5.2	18.3	9.5
Min	2.4	2.2	2.1	2.5	2.5	1.5	1.8	1.8	2.1	1.2	0.9	0.9	1.4	1.8	2.1	2.1	1.6	1.6	2.0	3.5	2.2	2.3	2.5	2.2	0.9		
Max	23.5	19.1	19.3	18.7	15.0	12.3	14.8	17.7	17.8	14.2	27.1	29.6	30.1	28.1	29.8	24.9	19.0	18.9	22.0	18.3	20.1	18.3	21.4	23.6		30.1	
Avg	7.6	7.0	7.3	7.1	6.7	6.0	6.3	6.5	5.7	4.1	5.0	5.9	6.0	6.4	6.9	6.6	5.8	6.8	7.0	6.9	6.8	6.7	7.2	7.7			6.5

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: Unit Vector Wind Direction
 Units: degrees
 Channel: 10

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

Validation Level: B
 Printout Date: 02-04-2005
 Printout Time: 09:16:25
 Output File Name: WWWB0105.10

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	294	339	310	296	310	323	308	321	292	196	203	182	198	213	242	282	288	286	292	316	330	1	355	2	[WNW]
2	348	343	342	356	8	2	349	3	354	271	169	156	172	151	159	130	121	113	28	335	16	8	348	327	[N]
3	355	330	332	343	340	309	1	252	310	286	242	354	0	198	143	121	137	202	188	1	59	193	87	14	[N]
4	347	359	304	44	8	345	337	329	329	335	348	8	35	295	210	170	146	60	355	184	77	41	223	211	[NNW]
5	35	5	264	344	350	344	356	349	347	214	166	152	159	134	124	119	114	122	347	349	339	333	343	340	[NNW]
6	343	341	336	344	357	6	347	347	349	310	218	184	134	96	112	135	117	107	342	358	2	350	333	321	[NNW]
7	331	344	336	347	341	325	312	347	359	278	254	38	174	176	332	91	99	101	114	103	111	96	60	59	[NNW]
8	79	62	29	41	49	61	133	211	324	34	10	92	73	360	96	100	151	201	45	321	329	360	358	308	[NE]
9	289	269	217	350	16	48	84	106	108	189	156	265	330	291	240	181	249	323	222	194	82	86	217	147	[SW]
10	191	249	62	26	99	355	106	80	287	318	232	177	152	149	162	188	278	311	1	356	351	255	302	273	[N]
11	42	291	209	314	59	51	230	340	251	303	309	305	302	299	303	311	324	320	341	317	311	306	290	301	[NW]
12	312	299	305	322	308	285	287	304	293	186	295	320	307	328	329	314	298	348	321	335	14	338	330	317	[NW]
13	335	353	337	336	350	319	323	318	331	6	134	128	137	124	130	145	134	314	1	330	349	344	350	346	[NNW]
14	336	349	338	337	352	333	336	341	337	322	18	106	153	131	124	129	130	24	330	343	346	341	325	340	[NNW]
15	326	336	346	323	341	338	334	334	320	306	312	178	181	166	116	163	115	316	338	326	341	336	336	345	[NNW]
16	330	342	338	339	340	347	334	338	317	93	117	160	219	144	150	136	83	340	330	338	350	329	344	341	[NNW]
17	340	353	317	347	325	340	331	331	339	326	359	346	353	13	28	13	25	14	349	316	297	315	327	299	[NNW]
18	308	301	320	337	326	298	300	317	336	32	167	250	259	256	360	1	297	307	318	319	327	321	350	313	[NW]
19	338	342	320	326	318	306	323	327	344	337	236	158	271	203	183	180	280	315	321	325	348	335	342	335	[NNW]
20	347	348	346	338	338	345	331	342	346	324	321	250	177	133	134	294	320	359	353	351	352	340	358	322	[NNW]
21	357	327	344	351	349	313	346	339	308	4	351	310	325	204	126	127	128	134	326	342	335	5	331	355	[NNW]
22	334	345	336	337	10	225	317	314	299	285	0	164	154	156	142	137	139	97	51	354	341	351	338	343	[NNW]
23	345	337	337	348	330	336	358	337	340	314	184	151	155	159	148	148	150	338	336	315	314	317	334	341	[NNW]
24	335	332	349	325	98	300	320	318	308	306	218	195	213	166	120	111	124	93	40	359	331	338	342	328	[NNW]
25	355	336	350	336	334	345	322	317	330	309	283	314	207	132	120	124	79	82	6	326	338	329	340	336	[NNW]
26	336	328	356	115	286	244	19	343	277	227	111	237	153	178	133	172	189	134	134	296	272	257	284	298	[NNW]
27	304	317	331	305	277	332	314	260	239	183	172	170	170	141	117	277	309	312	315	302	305	307	303	290	[NW]
28	287	269	267	283	260	206	356	347	328	334	134	155	131	148	220	218	319	324	316	302	232	28	320	333	[NW]
29	314	298	31	357	316	337	339	192	288	288	297	294	296	300	298	301	295	300	295	298	303	296	295	307	[NNW]
30	307	312	300	345	328	321	318	360	334	123	157	34	35	47	41	171	223	25	30	243	330	285	315	321	[NW]
31	328	332	335	334	327	336	312	360	198	358	34	25	26	21	14	9	331	333	332	330	322	308	322	352	[NNW]

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NW] [NNW] [NNW] [NW] [SSE] [SSE] [SSE] [SSE] [SE] [SE] [SE] [NW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW]

Total Data Records Possible: 744
 Total Valid Data Records: 744
 Percent Data Recovery: 100.0

Missing Data Codes

- 910 No data collected - system not set up
- 920 Instrument Malfunction
- 930 Data Logger Malfunction
- 940 Calibration
- 950 Audit
- 960 Maintenance
- 970 Data invalid - Does not meet consistency or an obvious problem
- 971 Local Interference
- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 09:16:25
Output File Name: WWWB0105.10t

```
Total Data Records Possibe:    744
Total Valid Data Records:      744
Percent Data Recovery:         100.0
```

```
-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: January
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 09:16:26
Output File Name: WWWB0105.11

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	9.4	21.0	11.3	8.3	11.1	7.5	10.7	14.6	10.3	16.4	23.5	33.8	33.8	46.2	38.8	11.1	9.4	9.4	10.6	14.3	7.3	8.6	5.7	5.8	5.7	46.2	15.8
2	7.9	7.5	8.8	7.8	4.4	8.1	22.1	6.6	8.9	25.7	15.3	16.8	19.3	16.8	19.8	17.4	7.6	9.7	38.3	12.2	7.5	4.6	9.4	5.6	4.4	38.3	12.8
3	8.8	12.6	7.9	11.9	12.3	14.4	22.2	30.9	10.3	12.2	24.8	19.9	44.1	22.1	20.0	14.0	12.2	13.1	39.3	27.8	31.8	28.9	16.4	23.2	7.9	44.1	20.0
4	16.7	14.1	31.1	35.6	19.1	8.0	11.1	9.9	31.0	13.4	13.4	30.5	42.7	21.7	41.1	12.0	16.1	24.6	34.9	47.6	68.7	47.2	28.0	62.3	8.0	68.7	28.4
5	51.8	26.9	48.4	22.8	26.0	10.0	18.5	19.3	14.8	24.0	15.7	18.3	19.8	19.1	17.5	10.2	6.6	27.3	16.3	20.1	8.5	8.8	9.6	6.7	6.6	51.8	19.5
6	8.9	7.3	7.4	6.3	12.5	8.3	14.4	8.5	8.7	14.9	23.4	24.3	51.1	29.6	27.1	18.0	6.2	32.4	46.8	13.8	18.3	11.5	10.8	4.7	4.7	51.1	17.3
7	3.0	6.3	9.1	9.6	11.6	10.8	18.9	12.8	21.3	41.2	25.7	35.1	23.7	57.7	57.2	34.9	12.1	10.0	11.7	15.0	18.4	17.2	12.4	13.3	3.0	57.7	20.4
8	10.8	35.5	17.0	19.2	14.7	16.9	26.0	32.4	39.8	53.2	41.8	17.8	41.6	29.0	37.8	31.5	13.6	15.5	44.8	18.9	27.2	21.8	38.7	45.8	10.8	53.2	28.8
9	46.5	45.6	40.2	31.7	68.7	22.6	13.0	9.4	32.0	45.7	43.7	25.0	30.0	55.1	34.5	46.8	56.5	17.1	23.8	30.1	29.7	37.3	21.4	20.1	9.4	68.7	34.4
10	58.1	32.6	26.3	21.5	40.9	48.1	56.9	75.9	39.9	53.5	29.2	12.3	11.6	12.7	15.7	50.2	38.5	32.6	13.0	16.1	38.0	27.3	21.8	70.2	11.6	75.9	35.1
11	62.0	42.4	44.1	47.4	31.2	40.5	57.1	32.4	27.0	52.1	13.9	18.0	16.1	9.8	8.9	16.2	22.0	29.2	14.9	13.5	39.0	50.0	24.1	9.3	8.9	62.0	30.0
12	8.2	10.0	8.6	8.1	8.0	16.6	10.5	8.3	11.8	32.6	39.0	23.5	15.9	28.0	26.5	12.6	26.1	26.9	49.8	19.5	14.4	23.4	14.2	19.3	8.0	49.8	19.2
13	10.6	6.9	16.1	36.8	11.2	12.9	11.5	8.1	10.5	8.5	38.3	15.5	13.4	22.8	11.9	11.9	16.8	37.9	8.8	6.3	4.7	10.4	7.4	6.9	4.7	38.3	14.4
14	16.3	7.3	7.4	6.7	6.9	7.2	9.5	7.4	6.2	10.4	35.5	24.3	16.6	21.1	16.0	11.2	6.5	31.7	6.4	10.0	7.4	10.0	7.8	4.4	4.4	35.5	12.3
15	11.0	9.6	8.2	9.8	9.0	10.1	6.2	5.7	6.6	11.3	40.0	21.8	31.2	26.6	19.5	20.1	32.6	2.6	5.5	4.9	4.3	3.6	3.9	5.9	2.6	40.0	12.9
16	4.3	5.2	5.4	3.8	5.3	4.1	5.3	6.2	9.2	12.9	10.4	32.1	53.2	39.8	28.7	24.0	20.3	14.5	11.1	7.2	10.9	12.5	8.7	9.6	3.8	53.2	14.4
17	11.8	10.1	12.5	14.2	15.2	37.0	34.9	20.3	11.1	21.5	11.9	11.0	12.8	11.7	11.6	11.2	8.4	8.4	16.0	14.2	8.9	20.0	21.9	13.8	8.4	37.0	15.4
18	25.4	27.2	20.8	20.5	25.9	21.7	25.8	20.0	9.8	24.7	27.8	22.8	49.6	28.3	17.4	13.1	24.4	25.4	15.4	25.6	15.1	10.3	11.6	29.1	9.8	49.6	22.4
19	11.5	11.3	11.0	13.9	16.5	19.6	13.9	12.8	6.8	9.4	27.9	16.4	46.9	29.0	19.7	8.3	18.9	6.3	3.7	20.2	6.4	4.1	6.0	14.6	3.7	46.9	14.8
20	7.1	3.4	5.2	6.8	4.3	8.7	10.2	4.5	11.2	5.9	11.7	19.7	12.8	13.7	10.0	31.2	57.7	29.6	7.9	10.7	7.3	10.5	7.8	35.1	3.4	57.7	13.9
21	6.9	16.4	9.3	6.9	6.7	21.1	18.0	13.1	15.1	10.8	11.3	40.0	37.0	47.3	11.3	9.2	8.6	41.3	16.3	21.5	9.5	13.9	10.2	7.4	6.7	47.3	17.0
22	19.7	7.2	6.2	7.4	30.0	27.1	6.3	22.2	9.4	23.0	28.2	56.6	46.7	24.3	18.3	13.2	10.9	11.7	11.8	9.2	4.7	12.8	5.1	6.3	4.7	56.6	17.4
23	6.1	5.1	5.4	6.7	5.6	5.1	3.9	7.9	7.0	19.9	22.3	21.6	17.2	14.7	15.4	14.9	8.2	22.5	9.2	9.6	5.1	4.9	8.4	6.9	3.9	22.5	10.6
24	13.8	9.4	9.4	13.3	31.9	24.3	9.1	14.3	18.0	31.4	17.9	19.9	42.2	57.5	16.7	9.5	33.4	6.8	7.5	6.6	5.9	5.8	13.6	12.3	5.8	57.5	17.9
25	6.1	16.1	10.7	6.8	9.9	7.2	8.6	7.5	9.5	10.0	33.4	42.3	32.7	23.9	24.3	13.7	17.3	11.7	3.8	12.7	4.1	15.2	9.3	15.9	3.8	42.3	14.7
26	8.3	11.3	18.5	12.2	17.1	17.0	55.6	8.1	12.5	18.5	37.0	24.1	22.7	19.2	24.0	17.2	43.3	49.3	24.3	66.7	59.5	40.0	34.1	10.1	8.1	66.7	27.1
27	16.0	19.9	18.7	49.9	26.0	51.8	46.6	27.8	16.2	14.2	13.9	19.2	18.3	19.6	50.3	30.8	23.3	12.1	13.5	9.6	10.8	9.7	8.5	12.9	8.5	51.8	22.5
28	31.0	35.8	35.0	10.6	41.7	40.0	26.7	8.7	19.9	50.3	27.2	13.2	16.5	18.9	33.7	14.1	13.2	12.8	19.1	29.7	35.2	12.3	34.0	20.7	8.7	50.3	25.0
29	26.6	52.2	43.5	39.1	21.0	31.7	33.6	62.5	19.1	27.5	10.1	11.3	12.3	9.2	10.8	10.0	8.5	7.6	10.1	7.7	7.5	10.1	11.6	8.4	7.5	62.5	20.5
30	13.7	13.7	7.8	17.2	13.1	24.6	15.4	65.9	28.6	34.3	41.9	17.3	11.1	14.2	14.5	46.4	43.3	9.5	24.7	26.1	59.5	44.7	23.7	17.4	7.8	65.9	26.2
31	23.8	20.2	22.7	18.8	25.1	25.0	20.6	30.1	45.6	22.1	13.9	12.1	23.1	12.0	12.7	12.7	23.2	11.4	10.1	19.9	15.9	11.4	20.3	11.9	10.1	45.6	19.4
Min	3.0	3.4	5.2	3.8	4.3	4.1	3.9	4.5	6.2	5.9	10.1	11.0	11.1	9.2	8.9	8.3	6.2	2.6	3.7	4.9	4.1	3.6	3.9	4.4	2.6		
Max	62.0	52.2	48.4	49.9	68.7	51.8	57.1	75.9	45.6	53.5	43.7	56.6	53.2	57.7	57.2	50.2	57.7	49.3	49.8	66.7	68.7	50.0	38.7	70.2	75.9		
Avg	18.1	17.7	17.2	17.2	18.8	19.6	20.7	19.8	17.0	24.2	24.8	23.1	27.9	25.9	23.0	19.3	20.8	19.4	18.4	18.3	19.1	17.7	15.0	17.3			20.0

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

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

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

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 09:16:30
Output File Name: WWWB0105.17

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	12.5	13.3	27.0	27.2	22.4	18.3	25.5	22.9	24.9	13.2	8.4	5.6	11.3	16.4	21.1	23.2	23.8	25.6	18.7	12.4	12.9	9.8	10.2	10.2	5.6	27.2	17.4
2	10.1	9.0	9.4	8.9	8.8	9.0	8.0	8.3	8.1	3.9	5.9	9.6	9.5	12.0	10.3	9.8	9.0	6.6	5.5	5.7	6.4	7.2	6.4	9.0	3.9	12.0	8.2
3	9.5	8.6	10.4	10.6	11.3	5.6	4.7	5.9	7.4	5.3	7.6	8.0	8.2	6.9	6.8	6.1	4.9	5.3	5.3	12.1	9.8	6.9	5.6	7.2	4.7	12.1	7.5
4	7.8	15.9	8.5	5.7	7.3	7.1	7.2	8.0	8.1	9.6	8.9	6.6	8.0	12.3	6.4	11.5	6.3	14.0	11.9	7.9	5.6	8.0	4.9	6.2	4.9	15.9	8.5
5	9.4	8.6	8.2	9.1	10.0	8.4	9.3	8.3	5.8	5.0	8.3	9.2	10.4	12.2	11.9	10.3	8.0	6.4	5.8	7.2	7.5	9.3	8.7	10.0	5.0	12.2	8.6
6	8.6	7.4	9.5	7.3	9.1	11.1	10.4	8.3	8.2	6.0	5.5	6.5	5.7	6.9	7.5	7.2	6.3	5.6	9.4	7.6	8.0	7.7	6.8	7.2	5.5	11.1	7.7
7	9.0	8.6	7.3	6.6	8.1	6.9	5.9	7.7	7.2	8.2	7.7	7.4	10.5	10.3	12.6	9.7	19.2	20.8	18.5	15.7	12.1	9.9	8.1	7.4	5.9	20.8	10.2
8	8.5	4.9	7.2	12.5	13.1	14.0	10.1	5.5	4.7	3.1	12.1	10.4	5.4	11.8	9.9	15.6	12.1	10.9	7.6	9.6	5.6	6.4	8.0	6.1	3.1	15.6	9.0
9	7.3	5.3	8.0	6.9	6.2	12.4	12.1	17.5	11.8	11.8	4.5	8.0	7.9	5.4	9.4	6.9	7.4	20.8	20.3	8.9	8.3	5.8	7.3	10.6	4.5	20.8	9.6
10	6.5	9.4	7.8	12.1	9.0	11.1	4.3	6.3	5.5	7.4	10.0	8.5	12.4	12.1	12.5	8.2	7.8	5.8	5.6	5.7	4.2	6.6	5.0	10.4	4.2	12.5	8.1
11	8.0	12.1	4.8	9.0	10.6	12.3	7.4	14.5	18.0	42.3	52.6	56.4	59.3	46.1	43.5	42.5	33.0	34.6	35.9	29.1	31.4	31.7	40.1	37.0	4.8	59.3	29.7
12	37.5	32.1	32.4	29.5	23.9	23.1	23.3	27.9	29.2	17.7	7.2	10.0	11.9	6.8	9.6	11.0	6.1	12.2	7.3	9.9	9.8	12.2	11.4	12.6	6.1	37.5	17.3
13	12.4	12.5	11.8	12.1	9.6	11.8	12.4	10.3	8.0	5.8	7.2	7.9	8.8	9.0	8.3	5.5	3.7	4.7	5.6	8.2	8.6	8.3	9.4	9.3	3.7	12.5	8.8
14	8.2	8.5	7.3	9.0	8.8	7.8	10.7	10.6	7.8	5.3	3.2	6.4	6.9	7.0	7.8	7.6	7.2	5.7	10.4	9.2	10.5	11.7	7.4	10.1	3.2	11.7	8.1
15	9.4	9.5	11.6	10.2	10.7	9.1	10.4	9.6	7.3	4.2	2.7	6.1	5.6	6.3	7.1	4.2	4.4	8.0	7.7	10.3	10.9	8.6	10.6	10.2	2.7	11.6	8.1
16	9.9	8.8	11.6	12.0	10.7	10.8	9.8	10.9	5.9	5.5	6.9	4.7	3.8	6.0	4.7	5.3	5.4	9.9	9.9	10.7	10.8	10.5	12.1	10.3	3.8	12.1	8.6
17	11.5	12.6	14.9	14.6	13.4	10.6	10.7	23.0	21.0	18.5	18.9	15.3	16.4	16.4	16.6	15.8	13.7	22.5	18.8	11.1	12.0	12.1	11.2	10.5	10.5	23.0	15.1
18	15.1	11.8	9.0	12.9	14.2	11.7	9.9	7.9	7.6	4.0	5.4	5.8	5.0	7.1	11.8	9.5	7.9	6.8	9.3	9.6	9.4	8.3	10.3	9.4	4.0	15.1	9.2
19	13.1	12.3	11.6	12.6	14.5	11.3	11.3	9.3	8.1	5.7	2.9	5.0	4.2	5.8	6.9	4.8	7.6	10.6	11.1	9.8	10.3	11.5	12.3	10.7	2.9	14.5	9.3
20	11.7	12.0	12.7	11.3	12.3	9.7	10.1	10.4	8.2	5.8	7.0	6.4	7.1	14.9	18.0	5.8	6.6	8.2	9.0	11.6	11.8	9.5	12.0	11.7	5.8	18.0	10.2
21	11.5	11.0	11.0	10.5	11.3	9.9	7.7	8.3	6.4	8.1	8.6	5.3	5.2	9.0	17.0	14.0	19.1	17.6	11.0	8.7	7.6	8.7	10.2	10.9	5.2	19.1	10.3
22	9.3	10.4	9.9	9.5	8.3	6.5	9.1	8.4	6.3	3.6	4.7	6.1	5.8	8.5	8.1	9.3	7.7	3.8	4.3	7.8	8.4	9.3	8.6	10.6	3.6	10.6	7.7
23	11.3	11.0	12.0	9.5	10.7	8.8	9.3	8.9	7.2	5.4	5.3	9.2	12.6	13.1	13.4	8.9	5.8	8.8	11.6	9.4	8.8	8.8	7.6	8.9	5.3	13.4	9.4
24	9.9	9.6	9.6	8.6	8.2	7.4	9.6	6.9	8.3	4.0	5.4	6.7	6.2	9.8	11.6	12.4	6.6	3.1	4.7	9.1	9.1	8.9	8.8	8.1	3.1	12.4	8.0
25	8.4	9.3	11.8	11.0	8.5	8.9	8.1	6.9	5.8	4.3	3.8	3.1	7.4	11.0	6.6	9.4	4.7	3.3	7.4	10.6	7.4	7.0	8.4	7.8	3.1	11.8	7.5
26	9.0	6.8	6.9	7.2	4.5	3.1	4.5	5.6	5.3	4.3	5.6	10.3	9.2	8.1	5.0	7.2	5.6	9.9	12.7	6.7	8.9	8.6	26.0	26.1	3.1	26.1	8.6
27	28.3	25.7	18.1	12.7	9.1	13.9	11.0	9.1	7.2	6.4	7.0	9.6	12.4	13.1	11.8	18.9	15.1	20.2	26.7	25.9	28.4	30.5	34.4	34.3	6.4	34.4	17.9
28	30.5	21.6	22.9	24.3	15.6	5.9	9.2	9.5	5.9	4.2	8.9	10.7	9.4	9.3	5.3	8.3	7.6	8.8	16.4	9.2	8.4	10.7	12.6	19.2	4.2	30.5	12.3
29	9.9	11.2	11.0	7.4	11.3	12.9	18.3	15.2	20.3	23.5	28.0	27.8	28.7	30.7	30.0	25.9	24.2	20.5	24.9	29.2	30.7	23.1	22.6	25.3	7.4	30.7	21.4
30	21.0	19.7	21.4	22.8	17.2	13.0	18.3	12.9	8.5	7.9	15.8	28.7	26.5	23.2	25.1	20.4	15.6	27.0	23.2	9.6	11.5	13.1	11.8	12.9	7.9	28.7	17.8
31	12.9	11.3	12.9	13.1	15.6	13.4	14.0	11.6	12.8	31.2	32.0	31.0	25.8	34.8	29.5	24.5	20.7	18.2	12.6	10.8	11.9	10.0	10.4	12.0	10.0	34.8	18.0
Min	6.5	4.9	4.8	5.7	4.5	3.1	4.3	5.5	4.7	3.1	2.7	3.1	3.8	5.4	4.7	4.2	3.7	3.1	4.3	5.7	4.2	5.8	4.9	6.1	2.7		
Max	37.5	32.1	32.4	29.5	23.9	23.1	25.5	27.9	29.2	42.3	52.6	56.4	59.3	46.1	43.5	42.5	33.0	34.6	35.9	29.2	31.4	31.7	40.1	37.0		59.3	
Avg	12.5	12.0	12.2	12.1	11.4	10.5	10.7	10.8	9.9	9.4	10.3	11.4	11.9	13.0	13.1	12.3	10.7	12.5	12.6	11.3	11.2	11.0	11.9	12.6			11.6

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 1.2

Variable: Battery Voltage
Units: volts
Channel: 7

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

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 09:16:23
Output File Name: WWWB0105.7

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