

White Water Wash Meteorological Data

November 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: November
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 12-15-2005
Printout Time: 09:49:02
Output File Name: WWWB1105.9

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	4.9	6.5	7.3	8.0	7.5	6.8	7.3	6.4	3.6	1.4	4.6	4.9	5.4	4.7	5.2	4.9	3.1	5.4	8.0	9.6	9.4	6.6	6.9	8.0	1.4	9.6	6.1
2	7.2	6.7	7.6	8.1	6.7	6.7	6.6	5.4	3.1	5.8	7.5	9.3	9.4	7.8	7.3	6.5	5.1	4.0	5.1	4.9	5.4	5.9	4.5	1.3	1.3	9.4	6.2
3	5.5	5.4	8.3	7.1	8.0	8.5	5.3	10.0	4.7	2.9	5.7	4.5	7.1	6.5	14.4	12.3	17.1	21.4	23.0	20.5	18.0	24.9	26.9	26.0	2.9	26.9	12.2
4	25.1	26.2	23.6	22.3	18.0	14.5	12.1	7.7	13.6	18.2	22.6	22.2	24.2	24.5	26.2	25.2	26.0	27.2	26.0	24.1	26.3	24.1	21.8	17.3	7.7	27.2	21.6
5	16.3	12.5	6.8	2.7	14.3	14.3	8.9	7.3	6.2	4.4	2.2	4.3	4.8	5.0	5.8	5.7	4.6	2.5	6.1	7.3	8.6	7.4	8.2	6.6	2.2	16.3	7.2
6	7.2	7.0	6.9	6.6	7.4	7.1	6.8	5.5	3.8	2.4	0.9	1.7	3.9	5.5	4.7	3.9	2.4	1.7	2.1	4.4	7.0	7.6	7.8	6.7	0.9	7.8	5.0
7	7.5	7.6	5.0	5.8	6.6	6.2	5.6	5.3	2.9	2.4	4.7	5.2	4.6	4.8	5.0	5.7	3.8	2.6	6.2	7.5	7.3	5.6	6.7	7.7	2.4	7.7	5.5
8	6.9	8.2	8.2	8.2	8.3	7.1	6.1	5.5	3.1	2.4	2.3	1.7	1.3	1.9	3.4	0.7	0.6	3.4	5.5	6.4	9.5	19.9	22.7	19.6	0.6	22.7	6.8
9	18.1	19.0	21.9	21.2	18.6	16.0	9.4	9.4	6.5	8.9	11.7	13.9	11.7	11.1	12.9	12.0	11.5	12.3	10.2	4.4	5.3	9.9	10.9	13.0	4.4	21.9	12.5
10	7.8	17.9	15.3	8.1	8.2	7.7	8.6	9.6	5.1	3.7	9.3	15.1	12.8	14.4	17.4	20.3	22.0	22.6	23.9	23.5	22.3	24.1	21.7	19.2	3.7	24.1	15.0
11	24.1	26.1	22.7	18.8	19.9	19.2	17.6	14.8	19.1	15.1	12.4	22.4	24.9	24.5	24.8	24.3	21.5	19.9	18.5	19.2	16.6	17.7	15.8	15.5	12.4	26.1	19.8
12	14.8	11.7	7.6	8.9	7.7	7.0	8.4	7.2	4.0	2.4	2.1	3.4	6.8	5.6	5.6	3.9	2.8	5.6	7.1	8.7	8.8	6.3	7.9	6.8	2.1	14.8	6.7
13	8.1	7.3	6.5	7.7	7.7	7.8	7.6	5.8	4.9	3.2	3.4	4.1	4.2	3.3	3.6	3.1	2.4	4.4	7.3	7.5	7.8	6.8	7.2	8.2	2.4	8.2	5.8
14	9.0	8.0	8.6	8.0	6.7	6.6	6.9	4.7	3.1	3.7	4.5	4.7	3.6	5.2	5.1	4.4	4.7	3.7	5.9	7.0	8.7	6.6	9.2	8.6	3.1	9.2	6.1
15	7.5	5.5	4.8	3.5	6.8	11.8	10.1	9.4	7.9	6.2	14.9	17.5	18.2	14.2	12.5	10.9	9.2	9.7	9.5	8.9	5.5	5.9	8.3	8.7	3.5	18.2	9.5
16	5.4	6.5	5.8	6.9	7.5	5.7	5.9	3.6	1.8	0.9	3.6	3.3	4.3	5.0	4.7	2.8	3.8	5.8	5.4	4.0	7.7	8.2	8.7	7.8	0.9	8.7	5.2
17	9.3	8.9	8.7	9.2	7.3	8.0	7.9	6.1	3.0	1.9	3.3	2.2	2.6	4.0	1.9	3.1	5.6	7.7	5.0	3.6	7.9	7.5	7.6	9.9	1.9	9.9	5.9
18	8.7	6.5	4.9	5.7	7.5	9.0	7.9	6.6	3.5	3.9	3.4	3.6	3.8	4.7	2.7	3.3	5.4	5.0	3.8	5.4	7.2	7.5	7.5	7.7	2.7	9.0	5.6
19	8.2	8.3	8.9	9.3	10.2	5.0	8.3	6.8	5.3	2.4	5.1	6.2	9.0	7.7	7.4	6.8	3.7	6.1	7.4	7.0	4.4	4.7	7.4	9.4	2.4	10.2	6.9
20	8.6	8.4	5.5	7.0	8.4	7.3	9.1	7.1	2.6	1.9	4.2	5.7	4.7	4.9	4.5	2.7	3.9	5.9	9.1	7.2	5.7	6.4	7.0	7.2	1.9	9.1	6.0
21	7.2	6.9	8.4	6.9	6.8	6.8	7.8	7.1	2.9	0.9	1.9	3.5	4.1	5.1	4.1	3.3	3.5	6.2	9.0	5.9	6.6	5.8	7.5	7.7	0.9	9.0	5.7
22	7.0	7.4	7.3	7.2	5.6	6.1	4.3	5.7	3.5	2.5	3.1	5.3	8.3	7.8	5.9	3.8	2.1	4.7	7.2	9.6	7.9	7.1	8.5	7.4	2.1	9.6	6.1
23	7.4	7.5	7.7	6.7	6.8	7.7	6.7	7.0	5.4	4.0	2.6	1.8	1.3	2.1	3.3	3.5	1.7	5.2	6.5	4.7	5.6	6.1	5.3	6.2	1.3	7.7	5.1
24	6.9	6.4	5.0	5.7	8.0	7.9	6.3	6.2	3.3	3.4	4.7	4.5	5.5	7.0	5.2	6.2	5.9	5.0	8.6	5.4	8.6	9.8	10.6	10.6	3.3	10.6	6.5
25	10.2	8.8	9.6	6.6	6.8	6.4	8.3	6.7	4.4	3.5	4.6	4.3	5.3	5.8	5.6	3.6	4.5	6.8	10.4	20.7	16.1	17.4	5.8	22.3	3.5	22.3	8.5
26	29.2	28.8	27.7	10.6	22.3	24.6	25.0	23.1	25.4	23.4	24.1	27.0	24.2	31.8	30.5	29.4	29.1	32.2	30.8	24.0	21.0	13.2	12.4	15.8	10.6	32.2	24.4
27	7.7	4.3	4.9	5.0	5.4	6.7	7.6	7.0	18.0	15.1	9.5	8.6	6.1	7.9	8.1	6.4	3.2	1.2	1.4	2.4	6.6	7.9	8.4	9.3	1.2	18.0	7.0
28	7.9	7.2	8.4	10.1	8.9	8.1	7.2	5.2	4.5	2.7	-940	-940	-940	-940	6.8	5.2	3.4	2.6	4.6	6.9	8.8	7.5	7.1	7.6	2.6	10.1	6.5
29	7.4	6.9	6.7	6.7	7.4	7.5	8.3	6.2	2.9	1.1	4.3	5.1	6.8	8.4	8.2	8.1	5.9	4.1	4.1	5.5	5.9	4.3	5.8	5.2	1.1	8.4	5.9
30	4.7	6.9	4.2	3.3	3.7	4.0	5.6	5.3	4.1	3.9	2.3	3.4	2.8	3.1	3.4	4.0	3.8	1.8	4.8	6.9	8.2	6.9	7.3	6.4	1.8	8.2	4.6
Min	4.7	4.3	4.2	2.7	3.7	4.0	4.3	3.6	1.8	0.9	0.9	1.7	1.3	1.9	1.9	0.7	0.6	1.2	1.4	2.4	4.4	4.3	4.5	1.3	0.6		
Max	29.2	28.8	27.7	22.3	22.3	24.6	25.0	23.1	25.4	23.4	24.1	27.0	24.9	31.8	30.5	29.4	29.1	32.2	30.8	24.1	26.3	24.9	26.9	26.0		32.2	
Avg	10.2	10.2	9.5	8.4	9.2	8.9	8.5	7.4	6.1	5.2	6.4	7.6	8.0	8.4	8.5	7.9	7.4	8.2	9.4	9.4	9.8	10.0	10.1	10.5			8.6

Total Data Records Possible: 720
Total Valid Data Records: 716
Percent Data Recovery: 99.4

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: November
 Year: 2005
 Time Zone: PST

Validation Level: B
 Printout Date: 12-15-2005
 Printout Time: 09:49:03
 Output File Name: WWWB1105.10

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	330	337	346	353	333	324	326	327	356	136	134	153	139	152	140	151	139	328	329	339	347	332	328	337	[NNW]
2	338	329	343	349	332	349	351	339	109	120	127	122	139	144	149	137	162	11	358	7	295	291	289	196	[NNW]
3	267	242	281	264	272	277	282	291	217	141	205	233	282	259	300	303	300	302	311	315	316	316	313	314	[NNW]
4	309	300	307	311	305	308	293	241	279	287	298	294	296	296	297	295	299	302	296	298	298	299	300	297	[NNW]
5	301	282	278	231	299	323	304	314	340	328	266	163	152	135	136	134	146	90	334	346	345	333	335	339	[NNW]
6	328	335	341	340	323	351	339	317	333	317	257	161	152	157	142	131	131	161	309	356	343	344	335	352	[NNW]
7	352	356	327	318	2	335	347	355	358	132	143	140	140	145	146	144	129	351	348	346	354	334	324	351	[N]
8	355	353	353	341	349	341	343	343	309	291	221	200	196	156	74	102	237	313	344	329	319	305	303	304	[NNW]
9	306	303	302	301	294	287	286	291	313	312	307	303	297	300	306	303	301	307	305	350	335	303	320	286	[NNW]
10	299	305	314	344	338	348	334	334	254	223	258	301	294	297	302	300	300	298	301	302	298	296	298	293	[NNW]
11	310	310	303	305	303	307	292	286	289	273	278	295	298	305	304	304	302	304	308	309	309	310	305	305	[NNW]
12	313	320	337	346	346	343	352	346	325	307	210	170	129	123	124	133	127	320	337	339	341	344	346	350	[NNW]
13	341	352	343	335	326	348	335	332	359	351	164	139	161	143	134	122	140	353	341	338	349	348	340	348	[NNW]
14	350	353	346	341	336	342	340	330	346	109	135	144	143	138	131	140	130	55	343	353	345	347	338	347	[NNW]
15	341	326	339	255	329	343	339	332	354	348	20	8	18	20	18	15	2	2	344	318	4	8	360	3	[NNW]
16	341	347	319	341	283	328	345	305	300	212	173	175	200	168	173	204	286	307	338	314	350	344	352	342	[NNW]
17	346	349	344	352	333	349	346	313	330	202	208	206	198	178	237	257	327	26	314	265	336	347	321	322	[NNW]
18	354	345	338	343	348	344	333	324	300	292	281	276	245	238	228	243	292	325	331	296	344	340	342	342	[NNW]
19	344	340	352	355	348	334	356	350	349	218	132	141	139	136	136	137	260	352	342	341	311	325	355	355	[N]
20	333	342	303	329	332	342	338	342	321	127	137	144	164	158	155	151	79	339	319	341	328	350	320	345	[NNW]
21	324	332	357	346	345	347	345	346	327	246	182	153	161	132	128	137	262	336	323	336	326	318	347	339	[NNW]
22	329	330	327	336	332	324	308	320	337	349	129	143	126	122	131	159	205	351	334	349	333	328	338	342	[NNW]
23	335	334	341	339	334	333	328	327	344	339	327	274	153	151	154	151	81	355	348	314	350	348	328	342	[NNW]
24	358	346	331	350	334	342	338	335	327	212	182	179	197	194	184	183	219	324	327	332	341	327	341	6	[NNW]
25	4	351	1	351	3	356	2	359	26	143	136	148	159	164	154	160	71	285	271	287	292	294	240	293	[N]
26	293	301	298	258	286	297	298	303	295	302	300	303	297	295	300	305	309	309	316	344	318	324	326	349	[NNW]
27	280	297	298	187	76	329	170	41	47	31	59	54	113	151	72	83	99	357	1	114	331	344	344	345	[NNW]
28	349	326	351	346	339	347	347	327	333	256	-940	-940	-940	-940	116	127	135	94	339	338	350	343	331	347	[NNW]
29	336	340	348	329	346	338	333	333	315	253	148	137	142	130	115	139	144	133	158	194	171	168	180	165	[NNW]
30	218	221	206	237	321	326	350	351	322	326	236	226	146	161	162	150	130	237	350	341	351	332	349	334	[NNW]

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [SE] [SE] [SE] [SE] [SSE] [SE] [SE] [SE] [N] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW]

Total Data Records Possible: 720
 Total Valid Data Records: 716
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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: 12-15-2005
Printout Time: 09:49:03
Output File Name: WWWB1105.10t

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Total Data Records Possibe:    720
Total Valid Data Records:      716
Percent Data Recovery:         99.4
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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: TABIE.FXF version 1.1

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

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

Validation Level: B
Printout Date: 12-15-2005
Printout Time: 09:49:04
Output File Name: WWWB1105.11

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	15.6	13.4	10.4	5.7	9.8	9.8	6.5	7.8	8.8	31.2	15.3	24.7	22.1	19.8	17.9	9.6	15.8	10.2	8.7	5.4	7.4	8.0	4.8	4.8	4.8	4.8	31.2	12.2
2	5.2	11.3	7.2	8.5	11.9	10.5	10.8	12.3	24.0	10.0	11.2	13.1	13.6	12.6	13.4	11.7	13.5	25.5	22.6	21.6	16.2	28.9	33.1	54.5	5.2	54.5	16.8	
3	36.8	29.1	20.5	27.2	19.5	23.0	36.1	17.8	24.4	42.0	18.0	29.5	56.2	37.6	19.4	14.6	13.6	12.0	13.9	13.0	11.7	10.0	8.9	12.5	8.9	56.2	22.8	
4	13.6	9.0	8.6	9.9	12.5	15.5	16.8	25.6	20.6	11.7	9.7	9.9	10.1	8.9	9.2	9.1	9.2	8.9	8.5	8.5	8.4	8.7	8.6	8.9	8.4	25.6	11.3	
5	9.8	14.8	29.0	46.2	10.8	10.1	9.5	12.5	12.9	20.1	48.0	22.2	22.5	25.6	13.9	12.6	7.0	29.4	7.5	10.8	6.1	6.7	8.1	6.5	6.1	48.0	16.8	
6	7.0	5.3	5.4	8.0	6.0	6.2	8.4	7.2	6.5	14.1	44.5	37.7	27.8	11.5	9.4	9.9	7.6	36.2	51.0	15.5	8.2	11.3	7.5	6.7	5.3	51.0	15.0	
7	5.3	15.2	18.9	14.8	6.9	14.3	9.5	7.7	12.0	53.8	12.1	11.4	16.5	19.5	14.9	10.7	7.1	48.1	7.0	6.3	7.6	12.8	7.3	6.5	5.3	53.8	14.4	
8	8.7	8.2	9.2	9.6	8.5	7.6	10.6	8.3	17.1	14.1	33.3	36.8	54.3	64.2	24.3	20.9	33.7	13.8	10.1	8.4	7.3	7.8	7.8	7.5	7.3	64.2	18.0	
9	7.7	8.1	8.1	7.8	8.8	11.0	11.9	10.4	9.8	8.8	9.1	8.9	8.9	8.5	9.1	7.9	7.9	8.3	9.4	12.0	14.3	8.7	9.2	9.1	7.7	14.3	9.3	
10	16.0	8.4	8.2	11.3	8.7	10.7	7.1	11.7	16.6	28.2	30.5	12.6	15.3	12.1	10.7	10.3	9.0	9.4	11.1	10.3	10.1	10.6	9.9	16.0	7.1	30.5	12.7	
11	10.1	7.8	11.2	13.5	12.3	20.4	34.2	20.8	17.4	18.4	25.5	12.4	10.7	11.6	11.0	10.0	8.9	8.7	8.4	8.2	8.5	7.7	8.3	8.1	7.7	34.2	13.1	
12	7.7	8.8	8.6	8.3	9.0	5.6	6.6	7.6	12.5	25.6	45.9	28.0	16.9	24.1	18.1	18.3	23.9	6.5	8.4	5.2	7.6	12.4	8.8	9.5	5.2	45.9	13.9	
13	8.2	6.7	7.9	7.6	9.5	7.4	7.3	12.8	8.4	27.1	16.5	18.0	17.1	26.6	20.3	9.7	4.4	46.8	8.4	10.2	4.9	9.0	9.8	6.2	4.4	46.8	12.9	
14	6.1	7.6	8.4	8.1	14.1	16.3	9.8	17.5	17.4	19.4	14.6	17.8	23.9	13.5	14.9	8.7	6.5	23.4	8.7	10.4	5.8	13.6	11.6	8.4	5.8	23.9	12.8	
15	17.4	40.1	40.3	26.9	27.4	14.9	17.4	18.0	19.9	48.0	19.5	12.6	13.1	14.6	12.8	10.3	11.1	10.3	9.9	12.8	14.1	12.6	10.1	10.1	9.9	48.0	18.5	
16	24.8	13.7	16.7	19.2	21.8	13.4	13.6	42.2	21.8	26.2	20.0	41.9	24.3	19.4	15.3	18.5	9.2	9.6	9.7	13.8	5.9	7.0	10.3	8.4	5.9	42.2	17.8	
17	7.4	12.0	9.5	6.1	10.5	8.7	10.7	14.4	17.9	48.8	21.7	38.8	31.3	34.9	28.2	12.2	15.4	28.5	22.6	45.9	16.3	14.1	17.7	10.9	6.1	48.8	20.2	
18	12.5	14.2	53.4	37.9	12.8	10.6	18.5	21.3	44.0	13.2	31.0	34.6	30.5	28.2	43.2	12.8	11.6	22.2	17.7	12.9	10.0	6.5	8.4	9.7	6.5	53.4	21.6	
19	13.7	8.4	10.7	8.6	8.1	43.1	8.0	12.4	11.7	40.8	15.3	14.8	10.3	11.1	10.9	8.6	21.2	8.6	22.9	12.6	29.5	21.8	14.2	16.8	8.0	43.1	16.0	
20	9.3	8.4	12.7	17.6	16.6	11.4	7.8	7.7	47.3	55.1	14.8	16.7	19.9	17.8	17.5	15.9	46.2	7.5	4.4	5.2	13.7	8.7	10.3	9.0	4.4	55.1	16.7	
21	8.1	7.4	5.6	6.5	6.9	7.1	4.3	4.4	17.5	41.4	31.5	21.1	22.3	16.6	18.0	11.7	30.6	9.7	5.0	14.0	10.1	9.7	4.4	9.5	4.3	41.4	13.5	
22	7.8	7.9	9.6	9.2	12.2	11.8	18.7	14.6	14.4	29.0	21.1	11.3	13.5	11.0	12.1	10.5	24.1	16.5	14.7	5.7	6.5	4.9	4.8	4.5	4.5	29.0	12.4	
23	6.8	8.2	5.5	8.0	12.1	9.5	8.6	5.5	16.1	15.3	15.5	16.4	37.1	41.2	42.5	12.9	47.5	29.0	8.6	17.5	7.1	7.8	11.4	16.4	5.5	47.5	16.9	
24	6.2	14.6	29.6	13.8	20.9	10.9	13.7	10.1	16.2	17.6	19.5	19.7	16.3	18.2	22.6	9.6	11.8	14.7	5.7	17.7	10.3	11.4	13.5	5.0	5.0	29.6	14.6	
25	6.3	11.0	7.7	15.5	12.7	13.2	7.2	8.5	10.0	28.3	14.3	15.4	11.6	15.2	11.6	15.3	37.7	20.6	18.0	11.6	12.1	12.5	27.6	12.0	6.3	37.7	14.8	
26	10.2	9.1	8.7	42.3	21.2	9.8	10.8	11.3	11.0	10.4	10.5	10.3	13.1	9.3	8.6	8.8	8.4	8.2	8.6	16.8	10.0	14.9	22.1	18.3	8.2	42.3	13.0	
27	33.1	86.9	45.9	36.7	64.3	40.7	45.8	49.4	11.3	14.0	17.1	22.0	32.1	23.4	22.6	15.1	16.6	34.0	57.3	43.9	13.6	12.8	7.6	9.7	7.6	86.9	31.5	
28	8.3	9.6	8.5	6.7	9.0	6.8	13.3	6.9	9.0	17.7	-940	-940	-940	-940	12.8	13.9	6.4	20.2	14.7	7.7	8.3	10.0	6.9	8.1	6.4	20.2	10.2	
29	11.2	14.0	13.1	27.1	12.5	11.5	7.1	11.4	21.6	52.4	26.6	21.8	14.4	13.6	12.4	11.4	12.8	35.4	45.3	49.1	56.3	51.2	65.4	56.9	7.1	65.4	27.3	
30	58.0	49.1	60.7	64.9	65.2	43.9	19.0	14.6	12.1	27.8	35.3	38.4	28.7	43.0	23.3	13.5	5.7	23.2	6.7	4.7	6.5	7.5	6.6	8.9	4.7	65.2	27.8	
Min	5.2	5.3	5.4	5.7	6.0	5.6	4.3	4.4	6.5	8.8	9.1	8.9	8.9	8.5	8.6	7.9	4.4	6.5	4.4	4.7	4.9	4.9	4.4	4.5	4.3			
Max	58.0	86.9	60.7	64.9	65.2	43.9	45.8	49.4	47.3	55.1	48.0	41.9	56.2	64.2	43.2	20.9	47.5	48.1	57.3	49.1	56.3	51.2	65.4	56.9	86.9			
Avg	13.3	15.6	16.7	17.8	16.1	14.5	13.7	14.4	17.0	27.0	22.3	21.3	21.9	21.2	17.4	12.2	16.1	19.5	15.2	14.6	11.8	12.3	12.8	12.7		16.5		

Total Data Records Possible: 720
Total Valid Data Records: 716
Percent Data Recovery: 99.4

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: November
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 12-15-2005
Printout Time: 09:49:24
Output File Name: WWWB1105.17

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	7.4	8.8	9.0	9.9	9.4	8.3	8.8	8.4	7.5	4.9	8.0	10.1	9.1	9.5	8.7	8.8	4.7	7.8	12.1	12.4	13.2	12.4	9.6	9.6	4.7	13.2	9.1
2	9.2	9.6	10.9	11.5	10.9	9.6	10.2	8.2	6.6	9.1	12.1	16.7	15.5	12.9	12.2	10.4	8.8	7.2	8.6	9.1	10.6	17.5	10.5	4.8	4.8	17.5	10.5
3	14.8	14.5	21.0	16.6	18.2	20.0	12.6	24.0	13.0	10.4	9.6	10.0	18.7	20.5	25.8	22.5	31.4	35.7	38.4	35.4	29.2	38.3	39.7	43.8	9.6	43.8	23.5
4	43.6	42.2	37.8	34.8	30.5	25.9	24.5	21.5	27.5	35.0	34.3	32.7	38.3	38.3	38.0	42.2	36.5	40.6	38.4	36.0	37.6	38.0	32.5	30.8	21.5	43.6	34.9
5	29.3	26.7	13.4	6.9	25.6	30.3	21.3	14.8	11.7	8.0	5.9	7.9	8.7	10.2	9.9	9.0	6.5	5.5	10.7	10.4	11.8	11.1	13.2	9.9	5.5	30.3	13.3
6	9.4	9.9	9.4	8.8	8.9	9.2	9.9	7.7	6.0	4.4	3.9	5.2	8.1	9.1	7.4	6.5	3.9	4.6	5.7	6.6	9.4	11.0	11.4	8.8	3.9	11.4	7.7
7	11.6	10.3	7.5	7.2	8.3	9.9	8.5	7.0	6.1	7.8	7.0	7.5	8.0	7.9	8.0	8.6	6.4	6.1	8.7	10.5	9.2	8.3	8.8	11.3	6.1	11.6	8.4
8	10.3	11.9	11.2	12.0	11.0	11.5	9.3	7.6	6.6	5.1	5.9	5.5	4.5	7.3	8.1	4.6	3.7	5.6	8.0	8.9	19.3	29.1	34.4	30.5	3.7	34.4	11.3
9	26.4	27.8	32.2	29.7	34.1	25.2	15.3	16.7	10.7	14.3	19.4	19.9	17.5	17.2	19.3	17.8	16.8	18.6	15.9	7.6	12.7	15.3	18.3	21.1	7.6	34.1	19.6
10	14.3	29.0	26.6	14.3	11.4	11.9	12.2	14.8	13.1	9.3	20.2	22.5	20.5	23.8	28.5	30.0	34.7	33.9	39.1	38.4	36.4	39.4	36.3	35.2	9.3	39.4	24.8
11	37.7	41.5	38.1	34.0	32.6	33.5	34.6	37.8	34.9	33.0	29.4	36.6	36.5	38.9	38.9	36.7	33.8	28.9	27.5	27.5	26.4	27.3	23.3	22.9	22.9	41.5	33.0
12	23.0	18.5	11.3	12.4	13.4	9.5	11.3	10.8	7.3	6.1	5.3	9.3	12.7	10.2	10.8	7.4	5.8	6.9	10.8	12.3	12.0	8.9	11.1	9.1	5.3	23.0	10.7
13	11.7	9.9	8.4	9.5	10.8	10.5	10.9	8.3	6.7	6.0	7.2	7.5	8.0	6.4	6.4	6.2	4.4	8.2	11.0	10.6	10.1	10.2	11.4	4.4	11.7	8.8	
14	11.7	12.1	10.2	12.6	10.0	9.1	9.4	9.9	7.2	6.9	7.3	7.2	8.5	8.6	8.0	6.1	6.5	6.6	9.7	11.5	12.9	10.4	13.3	14.8	6.1	14.8	9.6
15	15.9	12.2	9.0	7.8	23.1	24.0	18.2	19.0	17.7	19.4	31.6	28.1	31.6	25.7	22.0	17.5	15.6	19.1	17.8	14.2	11.2	10.6	14.1	14.5	7.8	31.6	18.3
16	9.9	9.1	11.2	10.7	10.6	10.3	10.1	8.8	3.4	5.0	6.4	6.9	9.2	9.6	8.8	6.6	7.4	9.1	8.9	6.4	9.1	11.0	11.8	10.3	3.4	11.8	8.8
17	14.0	13.9	12.6	12.3	9.9	12.5	11.0	8.2	7.4	4.2	7.7	6.5	10.2	9.4	4.3	6.7	11.5	17.0	10.8	8.0	12.7	10.7	11.8	12.7	4.2	17.0	10.2
18	10.9	10.6	9.7	12.4	10.8	11.4	10.7	10.8	7.2	7.4	9.9	7.5	9.1	9.3	5.8	6.0	8.3	9.4	7.4	8.4	11.5	9.6	10.2	10.5	5.8	12.4	9.4
19	10.8	13.0	12.6	13.7	14.9	12.1	11.0	10.7	7.9	7.0	8.8	10.0	13.1	11.6	11.0	10.3	7.6	9.6	11.8	9.6	9.9	10.3	10.4	15.3	7.0	15.3	11.0
20	11.0	10.9	8.6	12.1	12.3	10.7	10.9	10.2	6.6	6.9	7.8	9.6	9.5	9.1	8.5	5.3	7.0	8.2	11.8	8.8	9.1	8.4	8.8	10.8	5.3	12.3	9.3
21	8.7	10.3	10.7	11.6	12.2	9.1	9.9	9.1	6.8	2.6	5.8	6.5	9.0	9.6	7.7	6.5	7.1	8.8	12.7	9.3	8.3	8.3	9.8	11.1	2.6	12.7	8.8
22	9.5	9.9	9.6	9.0	8.7	9.5	6.4	7.5	5.0	6.2	7.3	10.4	13.7	12.0	9.2	6.8	5.2	7.5	8.6	11.4	10.5	9.0	11.6	10.0	5.0	13.7	8.9
23	9.8	10.4	9.1	8.8	9.1	10.4	10.5	10.6	8.8	6.8	4.3	5.6	5.0	6.9	6.3	6.6	5.3	9.4	8.6	6.8	8.0	8.6	8.2	9.4	4.3	10.6	8.1
24	9.2	11.3	9.7	9.6	12.8	11.8	9.5	8.4	6.6	5.6	8.8	9.2	11.8	11.8	8.4	11.0	9.1	11.1	12.4	8.8	14.1	18.6	18.8	14.0	5.6	18.8	10.9
25	13.8	13.2	14.2	10.5	9.6	9.5	13.3	11.4	8.0	6.4	8.2	8.0	8.3	8.5	9.1	6.4	10.2	11.8	35.8	32.9	29.0	28.2	15.4	43.2	6.4	43.2	15.2
26	48.7	45.2	43.3	40.8	44.6	37.0	38.6	37.9	42.3	39.7	36.4	43.8	40.0	48.7	45.2	44.8	42.0	49.2	47.8	43.3	33.9	26.2	28.9	36.5	26.2	49.2	41.0
27	24.3	14.4	18.6	13.6	16.2	16.5	17.0	20.4	36.7	30.5	21.8	20.7	13.7	15.3	14.8	13.0	7.4	5.8	6.7	8.2	9.2	11.1	11.2	13.0	5.8	36.7	15.8
28	11.3	10.9	11.3	13.3	11.8	9.9	11.0	9.9	6.7	5.0	-940	-940	-940	-940	11.8	8.9	6.4	4.2	7.3	9.7	11.5	10.2	10.4	12.0	4.2	13.3	9.7
29	11.6	10.5	10.2	10.2	11.3	10.1	12.3	10.1	6.0	4.2	9.9	8.9	12.0	13.2	13.3	13.9	11.3	9.6	9.1	14.4	13.3	13.4	13.8	13.4	4.2	14.4	11.1
30	14.1	15.8	11.2	10.4	12.1	9.6	10.0	8.0	6.6	7.6	5.6	7.2	7.3	7.4	8.0	6.4	6.6	5.0	6.6	10.4	10.4	9.4	10.2	8.7	5.0	15.8	9.0
Min	7.4	8.8	7.5	6.9	8.3	8.3	6.4	7.0	3.4	2.6	3.9	5.2	4.5	6.4	4.3	4.6	3.7	4.2	5.7	6.4	8.0	8.3	8.2	4.8	2.6		
Max	48.7	45.2	43.3	40.8	44.6	37.0	38.6	37.9	42.3	39.7	36.4	43.8	40.0	48.7	45.2	44.8	42.0	49.2	47.8	43.3	37.6	39.4	39.7	43.8		49.2	
Avg	16.5	16.5	15.3	14.2	15.5	14.6	13.6	13.3	11.6	10.8	12.3	13.4	14.4	14.8	14.1	13.1	12.4	13.7	15.6	14.9	15.4	16.0	15.9	17.0			14.4

Total Data Records Possible: 720
Total Valid Data Records: 716
Percent Data Recovery: 99.4

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: November
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 12-15-2005
Printout Time: 09:49:01
Output File Name: WWWB1105.7

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

Total Data Records Possible: 720
Total Valid Data Records: 720
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