

White Water Wash Meteorological Data

September 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: September
Year: 2005
Time Zone: PST

Validation Level: B
Printout Date: 10-03-2005
Printout Time: 07:52:18
Output File Name: WWWB0905.9

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	20.3	20.3	18.8	14.0	13.7	9.7	11.8	10.3	4.1	7.7	9.7	6.7	5.6	6.6	3.8	5.8	18.4	20.8	21.6	22.0	23.1	20.6	19.7	15.4	3.8	23.1	13.8
2	14.6	11.5	9.3	7.5	5.8	6.0	6.2	3.9	2.3	4.5	8.0	8.8	6.5	8.6	6.4	8.9	6.9	12.1	18.5	15.9	11.4	7.9	7.4	8.3	2.3	18.5	8.6
3	7.7	6.6	8.0	9.9	8.0	4.2	4.5	2.7	5.7	6.3	6.9	5.8	7.3	8.8	6.3	9.4	11.6	17.3	13.5	16.5	15.2	11.7	6.7	6.8	2.7	17.3	8.6
4	7.6	5.8	4.4	3.6	7.5	6.0	4.4	5.2	2.6	4.9	4.1	6.2	5.9	5.0	11.0	18.0	18.7	18.3	17.0	19.8	22.0	21.6	19.9	16.2	2.6	22.0	10.6
5	18.1	12.9	16.6	10.4	4.5	7.1	4.3	2.1	3.0	2.1	4.2	7.0	7.8	7.1	13.2	16.2	17.5	17.8	19.6	20.3	20.2	19.2	18.0	16.5	2.1	20.3	11.9
6	15.2	13.0	12.7	8.0	9.6	9.9	9.6	4.3	2.9	3.8	5.6	3.4	8.2	5.5	3.9	5.8	13.6	15.6	16.1	18.0	15.5	13.5	13.3	13.5	2.9	18.0	10.0
7	11.8	10.7	11.7	9.2	10.7	10.8	10.6	8.6	3.5	3.1	3.4	3.3	6.3	8.8	13.5	18.0	17.8	18.4	18.4	20.7	19.1	16.7	16.2	17.4	3.1	20.7	12.0
8	18.2	15.9	18.8	18.8	18.7	19.1	22.7	20.2	18.4	17.1	17.2	18.6	20.4	21.1	22.6	23.5	24.1	22.6	24.0	25.6	25.1	25.4	26.3	24.0	15.9	26.3	21.2
9	27.7	26.0	22.1	21.5	19.4	16.7	6.8	14.2	16.8	25.7	26.3	24.9	28.8	32.1	35.5	35.0	34.5	34.5	37.7	33.9	34.5	34.4	32.5	28.1	6.8	37.7	27.1
10	30.5	29.8	29.3	27.2	25.0	22.8	23.0	22.3	20.4	18.2	14.5	12.3	9.7	16.6	23.8	25.8	26.3	24.6	26.2	28.6	26.4	27.3	25.3	24.9	9.7	30.5	23.4
11	23.8	24.5	22.4	23.8	22.9	21.1	21.6	19.1	16.6	16.3	10.8	15.2	15.0	15.8	20.5	22.1	21.0	20.9	24.7	26.6	25.5	26.4	29.6	28.6	10.8	29.6	21.4
12	23.7	23.1	21.0	22.1	21.2	21.5	20.0	21.5	18.7	15.0	16.3	15.8	16.1	20.2	20.3	22.1	21.6	22.2	24.0	24.3	23.9	24.4	26.4	26.6	15.0	26.6	21.3
13	25.3	24.6	24.4	23.6	23.5	24.6	25.8	25.9	24.4	24.4	18.1	13.1	23.0	25.6	25.6	27.3	26.8	29.5	28.8	28.9	29.0	30.5	29.2	27.3	13.1	30.5	25.4
14	28.3	29.4	29.4	29.5	28.9	27.3	26.2	25.8	24.4	18.5	15.5	13.9	10.7	7.1	8.2	12.3	16.1	18.9	20.3	19.7	19.3	17.3	14.7	8.6	7.1	29.5	19.6
15	7.3	10.2	8.1	10.1	9.7	8.0	7.9	11.1	10.0	4.1	4.9	9.8	10.7	10.3	8.1	7.5	6.7	9.6	18.7	20.3	21.7	21.4	20.7	20.1	4.1	21.7	11.5
16	20.4	26.2	25.0	16.8	20.8	24.4	23.7	23.0	26.9	23.2	20.2	18.8	18.6	18.9	20.7	20.9	23.2	22.8	23.8	24.8	26.1	23.9	23.4	23.4	16.8	26.9	22.5
17	25.7	26.3	24.5	20.8	20.7	20.5	17.6	7.2	3.7	4.7	6.2	2.9	5.6	5.3	4.4	7.3	17.8	18.9	22.8	23.5	24.5	23.9	22.8	19.1	2.9	26.3	15.7
18	19.8	22.2	19.8	6.6	8.3	16.4	17.1	13.2	4.9	4.8	3.5	5.6	6.3	6.9	7.5	6.5	5.9	4.6	5.0	13.7	15.7	10.2	8.9	7.2	3.5	22.2	10.0
19	8.0	7.9	8.4	6.8	6.7	6.7	4.2	3.5	2.0	6.0	8.8	8.5	7.5	10.5	11.1	9.1	5.0	5.4	5.4	10.4	6.1	6.2	7.1	10.7	2.0	11.1	7.2
20	9.5	7.3	6.7	7.3	11.1	13.0	13.4	13.9	11.8	10.7	11.8	10.2	9.0	11.6	11.9	11.5	11.4	11.4	12.7	12.3	12.0	13.9	12.3	10.7	6.7	13.9	11.1
21	11.5	10.1	6.9	10.6	13.8	13.6	15.0	11.5	10.1	6.7	4.7	4.1	4.6	5.0	10.8	12.2	16.7	16.8	17.4	19.5	20.0	17.5	15.6	15.6	4.1	20.0	12.1
22	13.6	12.6	10.9	4.7	10.6	7.5	4.0	6.3	6.2	3.1	4.3	4.3	5.4	4.6	3.9	4.1	3.0	16.0	19.2	22.2	21.4	20.2	19.6	18.4	3.0	22.2	10.3
23	16.6	12.1	12.2	12.0	13.9	13.3	14.1	12.7	12.3	8.0	5.8	6.3	4.1	14.6	20.8	23.7	23.5	21.5	21.7	24.9	25.2	23.0	20.3	17.8	4.1	25.2	15.8
24	9.8	7.7	5.7	5.1	9.3	8.6	13.4	13.0	7.4	5.6	3.3	3.9	4.6	3.6	13.3	23.7	22.6	22.9	24.8	26.7	25.9	25.2	25.0	24.0	3.3	26.7	14.0
25	23.8	19.8	4.1	10.8	13.1	6.7	8.9	7.0	3.8	4.5	3.5	4.4	6.0	5.7	6.9	6.8	5.6	3.5	2.7	7.3	7.5	6.4	6.9	7.2	2.7	23.8	7.6
26	7.8	7.2	7.4	7.9	9.0	7.3	6.9	3.5	3.8	1.9	5.1	6.1	7.7	8.6	5.9	4.0	6.1	11.3	12.2	12.4	14.6	13.5	11.3	13.0	1.9	14.6	8.1
27	16.4	11.3	12.6	9.3	11.6	13.8	10.6	6.4	4.1	3.6	11.4	20.0	22.9	25.5	23.9	23.7	21.7	19.6	23.1	21.1	19.7	19.3	16.8	12.6	3.6	25.5	15.9
28	9.2	6.9	5.8	8.3	7.8	10.7	7.7	4.2	12.4	14.0	9.7	15.1	13.6	11.4	8.0	11.8	12.9	8.8	6.9	7.0	4.7	6.0	6.4	5.1	4.2	15.1	8.9
29	6.6	7.6	8.1	7.1	6.3	7.9	5.9	3.9	2.3	4.5	6.3	7.3	5.2	5.7	4.9	4.0	4.4	2.3	2.7	8.6	7.9	5.2	6.6	7.8	2.3	8.6	5.8
30	8.9	6.7	7.6	7.6	7.2	8.4	5.9	4.9	3.2	2.7	7.0	9.1	9.2	8.3	7.2	6.4	5.3	5.5	5.3	10.4	10.9	11.3	13.7	12.0	2.7	13.7	7.7
Min	6.6	5.8	4.1	3.6	4.5	4.2	4.0	2.1	2.0	1.9	3.3	2.9	4.1	3.6	3.8	4.0	3.0	2.3	2.7	7.0	4.7	5.2	6.4	5.1	1.9		
Max	30.5	29.8	29.4	29.5	28.9	27.3	26.2	25.9	26.9	25.7	26.3	24.9	28.8	32.1	35.5	35.0	34.5	34.5	37.7	33.9	34.5	34.4	32.5	28.6		37.7	
Avg	16.3	15.2	14.1	12.7	13.3	13.1	12.5	11.0	9.6	9.2	9.2	9.7	10.4	11.5	12.8	14.4	15.6	16.5	17.8	19.5	19.1	18.1	17.4	16.2			14.0

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

Variable: Unit Vector Wind Direction
 Units: degrees
 Channel: 10

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

Validation Level: B
 Printout Date: 10-03-2005
 Printout Time: 07:52:19
 Output File Name: WWWB0905.10

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	311	313	321	323	331	317	285	182	118	125	146	153	169	165	96	303	300	305	304	301	305	313	316	[NW]
2	319	325	311	338	350	345	332	316	177	151	143	138	172	129	157	130	143	301	297	298	301	345	325	348	[NW]
3	3	0	349	345	341	356	259	284	149	143	143	159	149	153	124	272	292	308	323	311	292	296	62	327	[WNW]
4	360	347	338	303	292	334	326	327	257	165	151	136	167	131	312	314	312	308	316	305	298	294	297	318	[NW]
5	308	296	292	296	311	343	350	268	206	237	183	157	138	134	323	306	310	304	304	305	305	315	311	314	[NW]
6	326	327	336	331	354	360	4	323	218	209	205	225	150	116	144	300	301	302	303	304	320	313	309	316	[NW]
7	336	333	330	353	356	7	1	313	262	257	181	278	310	303	302	302	305	303	306	302	304	312	314	324	[NW]
8	320	319	314	321	327	316	303	303	292	291	290	301	301	306	305	312	309	305	300	303	302	300	299	303	[WNW]
9	303	303	309	298	291	282	258	271	277	302	302	300	303	304	303	297	299	302	303	310	304	299	299	300	[WNW]
10	303	304	302	306	301	295	295	297	296	300	296	276	250	297	302	302	301	298	303	307	308	305	301	299	[WNW]
11	294	294	292	296	296	294	296	297	299	299	297	305	307	310	305	304	304	304	306	303	302	302	302	302	[WNW]
12	299	294	294	297	307	314	314	305	299	296	295	297	303	301	301	298	300	302	306	304	302	302	303	297	[WNW]
13	297	297	302	295	295	295	297	296	297	296	298	299	297	299	300	300	302	304	305	304	301	297	301	314	[WNW]
14	317	306	296	298	298	305	307	302	302	302	306	312	305	304	313	312	305	306	304	302	303	307	313	332	[NW]
15	330	324	351	353	359	352	332	308	304	261	162	146	138	137	144	140	137	296	304	302	299	299	301	323	[NW]
16	320	299	297	294	295	298	301	304	300	296	299	300	297	302	302	302	301	301	300	300	302	302	303	312	[WNW]
17	298	300	307	313	301	292	299	248	212	303	325	134	166	137	142	45	304	301	302	303	303	301	299	289	[WNW]
18	298	309	300	256	272	302	300	278	175	157	174	159	151	145	152	159	155	161	8	308	300	317	335	353	[SSE]
19	347	355	347	337	347	351	337	302	225	141	141	134	136	146	132	122	106	345	336	315	337	356	345	324	[NNW]
20	329	286	340	310	313	316	309	308	305	300	298	310	291	315	335	321	319	310	311	314	317	325	336	337	[NW]
21	343	333	331	329	323	315	308	316	331	296	312	193	326	336	310	311	307	302	304	313	307	308	311	302	[NW]
22	304	318	300	322	312	314	350	295	299	246	156	194	174	150	141	140	204	293	301	300	301	300	297	310	[WNW]
23	311	312	323	341	324	329	325	282	257	259	237	299	258	295	300	296	300	298	295	295	297	294	291	281	[WNW]
24	276	268	276	259	272	268	284	286	315	244	191	141	175	142	293	305	303	304	299	300	299	298	298	299	[WNW]
25	295	294	246	325	321	335	336	301	182	170	158	154	167	148	148	136	142	141	305	352	354	341	342	335	[NNW]
26	343	335	342	335	339	340	337	319	341	18	134	158	142	131	138	141	106	307	311	325	300	303	317	314	[NNW]
27	306	330	320	345	334	328	322	278	214	200	292	308	310	304	303	301	295	302	305	310	330	300	297	297	[NW]
28	322	336	335	339	319	320	354	66	32	26	21	358	18	4	13	15	8	357	324	311	318	354	345	338	[N]
29	354	331	335	325	342	340	13	315	202	162	210	200	182	157	162	170	162	179	12	340	12	350	347	359	[NNW]
30	359	343	348	353	324	338	345	335	300	197	143	132	131	128	155	133	128	108	273	290	292	297	305	330	[NNW]

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

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

Validation Level: B
Printout Date: 10-03-2005
Printout Time: 07:52:19
Output File Name: WWWB0905.10t

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

```
Total Data Records Possibe:    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: TABIE.FXF version 1.1

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

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

Validation Level: B
 Printout Date: 10-03-2005
 Printout Time: 07:52:19
 Output File Name: WWWB0905.11

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	7.8	7.4	7.8	7.8	8.8	8.0	19.6	23.6	20.4	14.3	19.8	34.6	22.1	54.2	30.1	12.8	8.7	9.0	8.3	7.4	7.5	7.7	7.9	7.4	54.2	15.1
2	7.7	8.0	8.1	13.5	14.6	22.2	11.4	17.2	49.6	26.7	18.3	19.0	29.8	33.6	21.0	18.9	11.6	29.8	7.7	9.7	11.7	18.2	17.2	14.6	7.7	49.6	18.3
3	8.7	19.8	6.9	9.1	20.6	34.4	36.5	50.8	20.1	28.6	21.5	27.6	19.6	16.8	28.6	51.3	34.1	17.9	21.4	15.6	8.6	12.3	27.0	26.8	6.9	51.3	23.5
4	14.6	19.0	27.0	21.4	7.3	10.0	8.9	14.5	41.3	31.2	46.5	25.0	26.7	36.3	53.3	15.2	15.4	13.4	15.5	9.2	7.9	8.4	8.4	9.7	7.3	53.3	20.2
5	9.9	12.9	10.7	25.6	29.2	19.5	23.3	52.2	21.4	54.1	30.2	23.9	17.3	37.1	21.2	17.5	14.3	11.0	10.8	8.8	9.0	8.1	8.8	8.8	8.1	54.1	20.2
6	8.8	8.3	8.8	20.1	19.2	9.5	7.4	51.8	17.8	25.5	21.3	40.5	18.9	29.4	54.8	50.7	15.4	10.9	9.8	8.5	9.5	7.9	8.0	9.2	7.4	54.8	19.7
7	9.7	11.6	8.9	13.1	11.7	11.6	13.9	15.8	29.8	48.5	61.7	46.4	56.3	23.7	19.0	11.9	12.4	8.2	8.8	8.2	7.9	9.1	8.1	7.6	7.6	61.7	19.3
8	7.7	7.9	8.4	9.0	8.2	9.7	8.6	9.6	10.8	12.1	16.1	13.0	13.0	13.3	12.5	12.4	13.6	13.5	10.9	9.8	9.6	9.0	8.5	10.6	7.7	16.1	10.7
9	11.8	13.2	17.2	11.3	14.8	17.2	26.7	18.8	16.2	9.9	11.4	10.7	12.1	10.4	8.9	8.9	8.1	8.0	7.3	7.6	8.5	8.3	8.3	8.4	7.3	26.7	11.8
10	8.4	8.6	8.7	7.9	9.2	8.7	9.4	8.6	10.5	12.5	17.2	33.1	39.6	29.3	11.3	11.6	11.9	11.4	10.0	10.6	10.7	8.1	8.0	8.3	7.9	39.6	13.1
11	8.5	8.5	8.4	8.5	9.5	9.0	8.9	9.1	11.1	13.2	25.2	13.1	14.9	15.3	11.3	14.5	10.8	10.2	10.2	8.6	9.1	8.5	8.8	8.4	8.4	25.2	11.0
12	10.1	10.7	11.4	9.1	9.8	8.0	8.2	7.9	9.1	12.6	11.5	12.9	14.1	12.0	12.8	11.4	9.9	8.9	10.1	8.9	7.7	8.7	9.1	7.9	7.7	14.1	10.1
13	7.7	8.2	8.0	8.0	8.9	8.0	8.0	8.5	8.8	9.0	12.2	17.0	12.3	9.7	9.4	8.8	10.8	8.9	8.6	8.7	9.2	9.0	9.1	9.8	7.7	17.0	9.5
14	8.8	8.8	8.1	8.6	8.1	7.9	7.5	7.5	7.9	9.6	11.4	13.6	22.0	35.6	20.5	16.4	10.2	8.3	7.9	7.6	7.4	7.2	7.2	8.6	7.2	35.6	11.1
15	9.6	9.2	10.6	6.8	7.9	7.5	7.3	7.8	11.9	33.3	37.7	13.2	16.4	17.1	17.2	15.2	13.1	31.9	9.6	9.0	7.4	7.6	7.8	8.6	6.8	37.7	13.5
16	10.6	7.6	8.5	9.5	10.5	8.9	9.7	10.8	8.8	9.2	10.6	11.8	12.3	11.9	10.8	9.3	8.7	8.5	8.0	7.9	7.8	8.3	9.3	9.9	7.6	12.3	9.6
17	8.6	9.0	9.8	9.5	10.1	9.1	8.5	21.1	16.3	42.6	35.5	65.8	37.3	37.4	33.2	52.1	11.2	9.6	8.8	8.9	8.1	8.1	8.1	9.9	8.1	65.8	19.9
18	9.8	9.4	10.3	28.2	35.5	10.1	9.1	17.3	16.1	20.1	36.0	22.3	20.5	18.8	16.3	17.1	10.8	6.6	35.8	8.6	7.5	7.7	5.8	7.8	5.8	36.0	16.1
19	5.8	9.7	4.2	5.4	7.5	6.7	12.3	13.0	19.8	19.8	13.3	16.7	19.4	12.9	12.9	10.9	24.9	8.9	20.4	12.7	13.9	8.6	11.1	15.0	4.2	24.9	12.7
20	10.9	17.6	23.8	13.9	10.6	7.6	8.9	7.7	8.8	8.6	10.0	11.8	10.2	8.6	8.2	8.4	7.8	7.2	7.3	7.2	7.3	7.2	7.7	10.3	7.2	23.8	9.9
21	11.3	9.5	9.7	9.7	6.7	7.7	7.8	7.6	13.2	25.3	38.7	37.9	60.6	38.5	19.5	14.9	9.5	7.5	9.3	9.7	7.5	7.8	9.4	7.7	6.7	60.6	16.1
22	7.0	8.4	8.8	35.8	20.2	17.7	42.5	20.8	15.7	45.6	31.1	51.0	36.5	43.4	48.7	27.7	49.1	8.3	7.8	7.8	7.6	8.5	8.6	8.4	7.0	51.0	23.6
23	11.4	16.8	17.9	12.7	9.7	10.5	12.2	17.9	29.0	28.0	24.4	47.4	44.8	46.6	14.0	9.9	10.3	11.6	11.6	11.5	9.9	12.8	16.2	15.7	9.7	47.4	18.9
24	20.6	21.2	42.5	29.2	33.6	32.3	16.7	20.1	24.8	25.9	21.4	46.0	15.3	38.8	35.5	11.0	12.3	13.9	9.6	9.7	8.6	8.8	7.8	8.4	7.8	46.0	21.4
25	8.6	9.1	56.1	11.9	15.6	21.8	14.1	24.3	12.8	14.7	33.5	29.8	17.9	26.6	16.8	16.0	12.6	19.2	21.9	8.6	6.3	4.0	7.5	4.8	4.0	56.1	17.3
26	4.2	4.7	5.4	4.7	5.7	6.1	7.5	12.2	19.6	51.1	22.7	24.6	16.8	17.3	16.9	26.2	31.5	10.6	12.2	13.9	9.8	9.4	15.4	11.4	4.2	51.1	15.0
27	11.3	14.4	13.5	21.9	11.6	10.9	12.0	34.3	28.7	31.4	32.2	14.2	12.1	11.3	10.5	9.7	10.2	8.8	7.7	8.3	9.1	8.4	8.1	8.6	7.7	34.3	14.6
28	18.0	27.3	27.1	18.5	20.1	22.8	13.3	60.7	13.9	15.6	18.6	14.1	13.3	24.9	21.6	15.3	14.0	12.6	10.6	10.3	31.6	29.3	31.3	31.3	10.3	60.7	21.5
29	16.2	14.2	14.4	9.4	12.3	10.6	8.6	11.3	23.5	16.0	23.5	34.2	30.6	24.0	28.9	26.6	11.5	9.9	24.5	10.3	6.8	14.3	8.6	7.2	6.8	34.2	16.6
30	6.4	19.3	5.6	9.6	9.1	5.4	7.6	11.7	25.4	48.3	13.8	14.4	16.0	15.3	13.0	10.0	12.8	12.3	26.9	12.2	14.1	15.9	8.9	9.7	5.4	48.3	14.3
Min	4.2	4.7	4.2	4.7	5.7	5.4	7.3	7.5	7.9	8.6	10.0	10.7	10.2	8.6	8.2	8.4	7.8	6.6	7.3	7.2	6.3	4.0	5.8	4.8	4.0		
Max	20.6	27.3	56.1	35.8	35.5	34.4	42.5	60.7	49.6	54.1	61.7	65.8	60.6	46.6	54.8	52.1	49.1	31.9	35.8	15.6	31.6	29.3	31.3	31.3	65.8		
Avg	10.0	12.0	13.9	13.7	13.5	12.7	12.8	19.7	18.9	25.0	24.1	25.7	23.7	23.9	22.1	18.7	14.7	11.9	12.7	9.6	9.6	9.9	10.5	10.7			15.8

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

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

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

Validation Level: B
 Printout Date: 10-03-2005
 Printout Time: 07:52:23
 Output File Name: WWWB0905.17

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	29.0	29.3	29.5	22.5	20.5	16.6	23.1	18.4	7.5	15.4	14.7	13.0	11.9	14.4	10.2	10.9	27.6	31.4	33.5	32.5	32.7	29.3	30.2	24.5	7.5	33.5	22.0
2	25.4	21.7	22.6	11.6	9.0	11.6	9.6	6.6	7.4	10.0	17.7	17.1	13.7	16.2	11.5	14.8	14.3	26.8	29.9	23.4	22.3	17.7	14.0	16.3	6.6	29.9	16.3
3	11.4	12.1	11.9	14.6	14.5	8.5	7.9	5.8	12.2	13.1	17.6	12.4	12.9	14.5	13.7	27.2	24.7	32.8	29.3	32.4	25.9	18.4	13.0	10.0	5.8	32.8	16.5
4	11.5	10.9	9.5	7.6	9.6	9.5	7.6	9.1	8.0	11.1	10.4	12.1	13.6	12.3	27.4	31.4	31.5	34.6	29.7	31.0	32.2	33.8	31.9	26.7	7.6	34.6	18.9
5	28.9	22.4	30.0	24.9	11.6	14.6	10.4	6.4	6.4	4.9	9.0	12.0	13.9	21.2	28.4	27.4	30.3	30.7	33.4	30.8	31.6	28.2	27.1	26.4	4.9	33.4	21.3
6	24.9	19.5	20.2	16.8	16.1	15.3	13.6	10.4	5.6	9.8	10.0	11.2	14.1	11.0	12.2	19.2	22.7	24.2	26.6	27.7	25.3	20.3	20.0	20.9	5.6	27.7	17.4
7	20.2	18.0	19.4	19.3	18.4	15.3	18.2	16.1	14.0	7.8	7.4	8.2	16.4	18.6	25.6	30.0	27.1	26.6	36.2	32.1	30.0	26.2	22.4	26.8	7.4	36.2	20.8
8	28.5	24.0	32.2	29.4	28.7	33.0	34.8	31.4	29.1	28.6	28.6	33.1	32.4	34.3	38.3	41.1	40.3	38.1	41.3	40.8	39.0	41.9	38.5	38.3	24.0	41.9	34.4
9	46.1	47.8	45.7	37.8	35.7	33.6	23.2	36.5	35.0	40.9	41.1	40.7	50.7	47.9	52.8	53.0	51.2	49.5	55.2	49.9	50.1	53.0	51.0	44.1	23.2	55.2	44.7
10	44.6	44.4	46.0	40.8	37.9	36.2	37.8	33.8	31.2	32.9	27.8	25.5	25.1	34.6	36.3	44.2	40.6	40.4	42.3	42.2	43.5	40.7	36.7	36.3	25.1	46.0	37.6
11	34.6	36.8	34.8	37.7	34.9	31.3	34.0	30.9	24.7	26.1	22.3	24.0	26.1	25.9	30.7	35.3	35.7	32.6	43.0	40.1	42.1	40.3	49.7	46.3	22.3	49.7	34.2
12	38.1	38.2	34.8	35.7	34.0	35.2	34.9	31.2	26.7	22.9	24.3	27.1	25.6	29.2	30.9	34.7	33.5	33.0	40.3	35.0	34.8	37.2	39.2	39.8	22.9	40.3	33.2
13	39.5	36.1	36.2	33.5	35.4	37.0	38.9	36.7	36.1	35.2	33.1	28.5	36.2	39.0	37.0	40.0	45.2	44.3	43.1	44.8	48.2	48.7	44.6	43.4	28.5	48.7	39.2
14	41.3	45.1	45.2	47.1	41.9	40.3	36.5	36.9	34.8	29.2	23.8	20.8	18.7	14.7	16.8	22.5	27.6	27.3	27.9	27.8	27.5	25.1	25.0	15.3	14.7	47.1	30.0
15	10.7	16.6	13.0	13.2	12.8	12.1	11.4	17.2	15.6	9.0	11.0	15.5	18.5	16.9	15.3	12.8	11.0	25.4	29.8	31.9	32.4	32.2	32.2	31.3	9.0	32.4	18.7
16	35.5	37.8	38.7	29.5	35.4	39.8	35.7	38.5	39.2	33.7	30.3	31.7	30.1	30.7	30.9	32.0	37.0	33.6	35.5	37.1	36.3	34.6	36.8	39.0	29.5	39.8	35.0
17	41.3	43.6	38.9	36.8	34.7	31.8	26.9	19.9	7.2	17.9	15.5	10.5	12.2	10.7	11.4	25.9	28.1	31.6	37.7	37.8	35.7	34.0	33.8	33.3	7.2	43.6	27.4
18	33.1	33.7	30.2	21.1	21.0	25.6	26.5	25.6	9.1	8.8	10.2	11.0	11.9	12.8	12.1	11.8	9.2	7.6	14.0	21.5	24.6	17.0	11.9	12.2	7.6	33.7	17.6
19	10.3	10.9	10.5	10.5	9.2	8.9	7.4	6.6	4.7	12.6	13.8	14.3	17.5	18.4	16.8	16.4	9.5	9.1	15.2	20.8	13.3	9.9	14.1	17.0	4.7	20.8	12.4
20	14.8	14.0	13.1	13.4	21.7	18.3	21.2	19.5	17.0	17.0	18.0	15.0	17.5	18.0	17.6	21.0	15.9	15.9	18.0	18.6	17.2	19.5	17.7	17.0	13.1	21.7	17.4
21	21.3	17.3	15.9	18.3	20.5	19.0	23.5	16.4	14.7	17.0	13.3	10.7	13.0	17.3	20.0	21.7	26.2	24.1	28.4	29.3	28.2	26.3	23.8	28.4	10.7	29.3	20.6
22	19.1	17.5	19.0	9.4	20.2	14.0	10.3	12.3	10.0	6.4	11.1	10.6	12.6	10.2	10.5	9.4	9.7	23.2	29.0	34.7	29.7	29.4	31.6	28.6	6.4	34.7	17.4
23	31.6	25.6	24.2	19.7	29.2	22.2	23.7	25.1	25.6	20.8	14.5	18.3	10.2	30.9	34.1	37.4	36.8	40.8	34.8	40.5	40.8	37.3	36.7	33.7	10.2	40.8	28.9
24	31.5	16.7	17.7	16.0	26.7	28.3	28.2	26.5	18.6	15.3	6.5	9.0	7.3	8.1	34.9	39.9	35.7	34.3	38.4	39.8	37.6	38.9	35.4	34.7	6.5	39.9	26.1
25	39.9	33.0	16.6	20.3	24.6	16.4	21.0	15.2	6.2	8.1	7.5	8.8	11.1	11.4	12.7	10.8	9.2	6.9	7.4	10.7	10.4	8.3	9.0	9.6	6.2	39.9	14.0
26	9.4	8.9	9.7	9.8	12.1	9.4	11.9	5.8	7.4	8.1	11.9	10.8	13.1	16.3	11.8	8.0	18.8	19.7	19.8	27.6	22.8	24.1	21.7	28.1	5.8	28.1	14.5
27	28.6	21.2	23.5	17.1	21.1	21.9	22.0	17.0	9.1	7.6	29.8	35.1	38.0	37.8	34.5	35.7	34.6	32.4	33.9	29.6	29.7	30.2	25.8	18.6	7.6	38.0	26.5
28	15.9	14.5	14.3	16.7	17.2	23.1	19.0	14.2	24.5	28.7	21.9	26.5	25.9	22.6	20.5	21.4	21.9	17.8	10.2	12.3	9.9	11.2	11.3	11.3	9.9	28.7	18.0
29	11.3	11.4	11.6	10.7	10.1	10.8	8.7	7.1	6.2	7.4	15.6	16.8	10.7	12.0	10.7	9.1	7.2	4.2	6.6	12.9	12.3	9.3	9.0	9.9	4.2	16.8	10.1
30	11.5	11.5	10.2	11.4	9.1	11.4	8.5	9.6	7.4	6.9	12.6	14.2	16.4	14.5	13.1	9.5	11.4	10.2	10.1	17.9	20.1	23.2	22.3	19.5	6.9	23.2	13.0
Min	9.4	8.9	9.5	7.6	9.0	8.5	7.4	5.8	4.7	4.9	6.5	8.2	7.3	8.1	10.2	8.0	7.2	4.2	6.6	10.7	9.9	8.3	9.0	9.6	4.2		
Max	46.1	47.8	46.0	47.1	41.9	40.3	38.9	38.5	39.2	40.9	41.1	40.7	50.7	47.9	52.8	53.0	51.2	49.5	55.2	49.9	50.1	53.0	51.0	46.3		55.2	
Avg	26.3	24.7	24.2	21.8	22.5	21.7	21.2	19.6	16.7	17.1	17.7	18.1	19.3	20.8	22.6	25.2	25.8	27.0	29.4	30.4	29.5	28.2	27.2	26.2			23.5

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

Variable: Battery Voltage
Units: volts
Channel: 7

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

Validation Level: B
Printout Date: 10-03-2005
Printout Time: 07:52:17
Output File Name: WWWB0905.7

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

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