

White Water Wash Meteorological Data

September 2004

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: 2004
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 08:20:58
Output File Name: WWWB0904.9

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	12.8	11.9	10.8	11.4	10.9	11.1	8.9	11.8	13.9	10.5	8.2	6.6	6.5	8.0	9.1	8.5	7.7	5.3	4.0	6.2	14.6	13.8	8.3	6.5	4.0	14.6	9.5
2	8.8	6.9	8.4	7.3	4.7	3.6	2.5	4.2	9.4	7.8	7.7	8.1	6.2	7.8	9.7	9.2	11.8	15.7	19.9	22.2	21.9	24.3	23.3	22.8	2.5	24.3	11.4
3	23.2	23.6	17.8	15.6	8.2	15.8	14.1	14.4	16.8	16.3	14.9	19.3	25.5	27.0	30.8	26.6	21.0	21.4	26.5	30.2	30.6	31.5	28.1	26.6	8.2	31.5	21.9
4	22.3	19.9	18.8	14.0	9.0	7.3	5.4	7.5	6.4	9.0	4.2	4.8	5.6	6.2	4.8	4.5	5.4	3.9	1.8	7.2	5.1	5.6	7.1	6.8	1.8	22.3	8.0
5	5.4	6.2	8.1	5.9	6.4	7.9	4.9	3.8	5.8	6.4	5.5	6.6	8.6	7.7	8.0	6.9	6.5	5.1	6.5	5.6	5.1	8.4	8.7	7.5	3.8	8.7	6.6
6	7.6	5.5	6.6	6.6	7.1	6.1	6.3	3.8	2.2	4.7	8.6	8.3	6.6	5.1	6.4	6.1	6.5	5.4	8.0	18.5	20.5	18.8	18.8	16.8	2.2	20.5	8.8
7	12.7	10.3	8.9	6.9	6.9	8.1	5.5	3.4	4.0	2.4	6.1	7.5	8.0	7.2	8.0	7.9	6.3	4.6	13.1	18.6	18.4	14.7	13.9	12.7	2.4	18.6	9.0
8	9.1	9.5	10.5	9.6	5.5	7.4	5.3	2.5	6.5	7.7	4.9	7.8	10.4	10.4	9.5	6.2	7.4	4.6	2.1	3.6	4.7	5.1	5.0	8.8	2.1	10.5	6.8
9	4.7	6.6	5.1	3.3	4.1	5.8	3.5	1.5	2.5	2.3	3.3	2.5	5.1	6.9	10.2	10.1	11.2	9.1	3.2	5.7	9.6	13.4	15.2	13.6	1.5	15.2	6.6
10	14.4	12.6	11.0	9.4	11.9	10.7	6.1	9.2	3.8	6.1	6.7	7.7	9.8	15.2	12.6	11.6	5.3	3.1	7.8	8.1	8.8	12.1	12.3	13.1	3.1	15.2	9.6
11	11.0	11.1	13.7	15.1	16.2	14.6	11.8	10.1	6.4	2.6	4.5	4.9	8.1	9.7	12.2	14.3	4.3	6.1	7.3	6.0	6.4	12.4	11.7	16.9	2.6	16.9	9.9
12	17.5	19.4	17.1	19.8	16.3	15.2	14.5	12.5	8.0	12.4	10.3	14.5	19.0	22.9	22.2	19.8	21.4	25.2	27.4	24.1	23.5	24.2	23.4	20.8	8.0	27.4	18.8
13	23.8	13.3	9.1	10.4	8.4	4.5	17.6	17.7	6.6	5.9	5.8	8.3	18.4	19.9	21.2	23.1	24.9	26.6	27.9	28.2	28.5	31.4	34.2	31.2	4.5	34.2	18.6
14	31.2	28.6	25.6	24.2	22.8	25.3	25.1	20.9	21.1	18.8	18.5	12.6	8.8	10.2	11.4	16.6	18.0	20.3	23.6	24.0	22.7	22.8	24.1	22.0	8.8	31.2	20.8
15	21.1	20.5	19.0	19.3	18.2	14.2	13.8	15.5	9.4	4.2	5.3	7.5	8.8	8.6	10.1	8.7	8.2	7.1	8.6	16.2	18.4	17.8	17.3	17.8	4.2	21.1	13.1
16	17.0	13.1	12.3	8.7	6.6	8.4	4.9	2.7	4.2	5.8	6.9	8.5	8.3	8.7	10.0	9.4	8.2	6.9	4.5	3.4	6.0	13.2	12.7	6.9	2.7	17.0	8.2
17	7.7	8.6	7.2	7.2	8.3	3.6	4.9	1.7	4.5	9.2	5.6	5.0	6.1	5.4	8.6	18.0	16.1	15.8	13.7	16.8	18.9	17.8	15.5	7.9	1.7	18.9	9.8
18	10.5	11.5	10.6	9.0	6.0	4.6	1.7	1.9	5.6	7.3	7.1	5.6	5.6	3.9	13.1	26.5	26.2	23.6	21.0	23.6	22.9	24.3	24.8	27.3	1.7	27.3	13.5
19	28.9	31.6	30.9	30.0	27.0	29.9	23.8	25.8	27.9	30.0	29.5	28.3	31.0	34.0	32.9	32.2	29.1	29.0	29.8	29.5	27.4	25.1	25.4	17.2	17.2	34.0	28.6
20	21.3	25.7	19.9	19.6	23.6	22.7	21.6	22.1	23.8	21.2	17.4	14.5	13.2	14.3	18.4	18.7	17.9	18.7	19.6	22.1	21.2	17.4	12.3	10.3	10.3	25.7	19.1
21	9.3	7.5	4.1	10.7	5.7	7.8	8.4	10.6	6.7	10.0	12.5	10.9	10.1	10.4	10.6	9.6	9.7	9.4	5.6	6.7	6.3	7.6	9.1	6.6	4.1	12.5	8.6
22	9.7	10.1	9.4	9.9	10.2	6.3	5.7	4.4	2.9	3.9	4.2	5.1	4.0	2.9	4.9	5.1	5.5	3.6	2.6	5.5	7.9	5.5	5.3	6.9	2.6	10.2	5.9
23	9.0	8.4	5.2	7.1	9.9	10.2	4.6	3.8	1.4	3.1	6.0	6.4	6.7	5.7	6.5	5.3	4.2	4.0	1.4	7.7	6.2	6.9	9.5	6.5	1.4	10.2	6.1
24	7.5	8.0	5.4	7.1	5.7	6.8	5.3	2.9	1.6	4.6	5.9	6.6	5.8	5.6	4.4	4.7	4.4	4.8	5.4	13.1	12.4	10.4	12.1	9.0	1.6	13.1	6.6
25	11.6	7.2	9.4	5.7	6.1	6.0	6.7	5.7	5.4	3.6	5.7	5.9	8.7	9.5	7.0	7.6	5.8	4.6	8.3	7.8	8.9	11.8	8.8	9.4	3.6	11.8	7.4
26	9.4	9.9	11.0	10.1	8.9	11.1	7.6	5.3	13.3	15.2	14.1	11.1	10.0	9.4	9.2	9.1	9.1	5.2	3.8	5.5	6.6	6.2	7.4	8.9	3.8	15.2	9.1
27	7.0	6.8	10.0	9.7	7.8	9.3	8.9	4.8	1.7	5.4	6.9	9.4	10.0	10.4	9.1	8.8	6.5	3.5	6.7	18.5	18.5	17.7	17.2	12.9	1.7	18.5	9.5
28	9.1	4.4	8.9	8.6	9.2	12.7	11.7	6.7	5.1	7.7	4.8	2.6	6.0	15.7	21.2	25.8	26.9	22.5	24.1	25.5	23.5	26.2	26.8	28.3	2.6	28.3	15.2
29	29.6	30.1	31.1	29.5	30.5	29.6	30.2	31.3	31.0	31.1	31.7	32.0	32.7	29.5	30.2	31.5	31.4	32.1	31.8	31.8	29.9	29.5	28.5	28.0	28.0	32.7	30.6
30	30.0	28.0	25.7	26.6	26.6	26.4	25.3	24.6	25.2	23.3	20.3	20.8	19.9	20.9	21.2	22.9	21.6	22.3	24.0	22.0	22.9	22.5	22.5	22.3	19.9	30.0	23.7
Min	4.7	4.4	4.1	3.3	4.1	3.6	1.7	1.5	1.4	2.3	3.3	2.5	4.0	2.9	4.4	4.5	4.2	3.1	1.4	3.4	4.7	5.1	5.0	6.5	1.4		
Max	31.2	31.6	31.1	30.0	30.5	29.9	30.2	31.3	31.0	31.1	31.7	32.0	32.7	34.0	32.9	32.2	31.4	32.1	31.8	31.8	30.6	31.5	34.2	31.2		34.2	
Avg	14.8	13.9	13.1	12.6	11.6	11.8	10.6	9.8	9.4	9.9	9.8	10.0	11.1	12.0	13.1	13.8	12.9	12.3	13.0	15.5	15.9	16.6	16.3	15.1			12.7

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 1.2

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

Site: White Water Wash (data subject to change)
 Month: September
 Year: 2004
 Time Zone: PST

Validation Level: B
 Printout Date: 02-04-2005
 Printout Time: 08:20:59
 Output File Name: WWWB0904.10

Day	Hour Ending																								Prev
	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	330	331	342	341	350	346	350	135	117	127	137	157	166	157	162	156	160	154	209	310	301	305	304	337	[SSE]
2	10	355	4	9	318	25	168	158	134	137	152	156	150	138	324	250	286	320	311	314	313	310	305	309	[NW]
3	307	309	305	297	308	306	293	293	298	298	300	304	304	305	303	297	304	309	310	306	309	308	305	304	[NW]
4	303	309	306	302	322	352	330	294	16	31	78	58	203	173	184	181	181	192	85	82	117	330	337	339	[NNW]
5	335	350	341	324	326	341	87	155	144	146	137	142	148	147	144	146	115	135	122	117	342	9	345	325	[SE]
6	328	332	329	344	322	332	351	335	329	155	128	124	139	141	139	146	147	135	307	303	303	305	306	319	[NNW]
7	323	341	347	327	343	349	341	340	289	188	187	158	147	161	156	146	144	134	314	308	304	318	335	330	[NNW]
8	349	359	31	117	302	358	341	45	133	139	145	140	138	127	124	139	204	259	245	332	346	355	327	115	[SE]
9	303	349	338	331	335	356	359	170	219	184	282	190	176	256	313	311	308	317	300	293	313	313	314	324	[NW]
10	320	329	333	333	323	328	360	321	231	155	159	168	228	209	197	196	171	231	321	324	324	319	312	314	[NW]
11	319	315	331	330	319	312	307	301	192	214	159	172	154	164	183	209	226	153	73	344	325	309	294	313	[NW]
12	304	303	309	313	310	299	294	268	230	293	317	328	307	303	310	301	308	308	303	298	298	304	303	298	[WNW]
13	295	289	275	280	237	246	298	283	235	224	241	271	307	303	305	305	304	304	305	304	303	305	301	299	[WNW]
14	299	295	292	300	309	308	297	298	300	301	301	294	318	310	309	303	302	303	304	307	311	311	310	309	[WNW]
15	311	313	312	314	308	303	302	301	304	275	152	144	143	144	139	132	130	119	322	305	308	309	309	310	[NW]
16	307	315	318	325	336	348	319	316	121	144	145	142	148	140	129	139	138	125	141	212	321	304	308	354	[NW]
17	350	344	342	333	345	7	352	346	135	136	141	166	153	146	136	306	310	310	313	308	303	305	304	305	[NW]
18	310	336	352	347	340	263	265	135	153	153	143	147	139	90	300	302	303	301	296	299	299	300	300	300	[WNW]
19	298	298	299	300	303	302	302	306	306	304	307	306	304	302	301	304	308	302	306	301	300	299	295	290	[WNW]
20	307	308	296	298	301	302	302	299	302	297	293	293	291	287	299	295	297	300	303	306	308	309	322	322	[WNW]
21	330	322	312	353	310	330	323	341	24	14	17	20	3	6	2	30	20	24	357	336	339	347	354	360	[N]
22	329	354	346	325	329	344	340	340	298	266	318	66	118	108	185	204	189	172	305	348	315	335	327	341	[NNW]
23	347	346	342	344	350	342	305	333	280	179	193	178	156	149	144	154	144	146	94	356	1	352	349	346	[NNW]
24	352	354	333	308	331	336	308	306	311	151	157	183	203	167	171	163	151	136	296	293	302	322	322	343	[NW]
25	340	313	315	319	306	322	320	332	308	247	190	167	174	162	152	151	148	104	348	282	301	317	341	352	[NW]
26	2	358	3	359	351	2	1	349	127	121	129	135	127	133	134	131	123	164	239	349	8	357	353	358	[N]
27	350	356	357	1	13	2	354	340	199	132	147	149	135	138	139	144	149	142	321	308	304	305	303	294	[SE]
28	306	342	8	22	7	333	324	283	190	130	155	133	260	308	309	310	305	309	304	301	302	305	300	301	[NW]
29	302	302	301	302	301	302	302	305	302	300	299	301	301	304	302	301	304	304	304	303	306	304	304	303	[WNW]
30	302	302	302	303	302	303	302	302	302	301	302	302	301	302	303	302	301	303	303	307	310	310	307	308	[WNW]

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

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 1.2

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 08:20:59
Output File Name: WWWB0904.10t

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

Processed using: TABLE.EXE version 1.2

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

Site: White Water Wash (data subject to change)
Month: September
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 08:21:00
Output File Name: WWWB0904.11

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	7.9	8.4	9.4	8.2	8.0	8.2	10.8	16.4	10.3	13.1	16.1	20.2	19.5	19.0	11.6	12.0	10.1	10.2	19.1	38.3	8.7	7.1	7.6	14.6	7.1	38.3	13.1
2	6.2	10.4	8.6	10.7	16.7	20.5	41.8	14.0	13.3	16.0	14.7	16.4	23.4	29.0	44.2	48.6	52.3	18.9	20.3	13.8	16.1	12.1	8.0	7.9	6.2	52.3	20.2
3	7.1	8.9	10.2	10.0	28.9	14.3	10.0	9.4	7.9	10.3	11.4	9.8	10.7	10.8	9.0	10.1	9.4	13.7	8.0	6.5	6.0	6.4	6.4	6.5	6.0	28.9	10.1
4	6.2	6.7	6.1	6.9	16.1	17.0	16.8	20.0	38.5	33.0	47.5	53.9	46.4	38.2	34.0	24.0	26.2	12.6	29.8	11.7	26.7	14.4	7.3	9.1	6.1	53.9	22.9
5	7.6	8.9	28.9	16.9	8.2	8.7	33.0	15.5	15.5	16.5	23.2	21.0	20.2	21.4	20.1	16.5	14.7	11.4	7.5	38.8	22.2	6.5	6.1	6.8	6.1	38.8	16.5
6	5.8	8.7	8.7	10.4	9.3	12.6	7.6	9.2	27.6	21.6	14.3	18.6	28.3	34.4	30.2	19.3	11.3	9.5	31.3	6.6	7.0	6.7	6.8	7.2	5.8	34.4	14.7
7	6.7	11.1	12.9	6.7	7.3	5.9	8.1	13.2	20.5	40.6	20.4	18.6	17.3	22.3	21.9	15.4	11.7	9.5	18.1	6.3	6.8	8.2	6.3	8.6	5.9	40.6	13.5
8	10.4	6.6	37.3	9.3	40.3	8.6	12.3	36.9	14.8	18.5	28.5	19.5	15.7	16.7	12.9	15.5	20.5	7.3	38.4	16.9	12.8	9.4	12.7	15.3	6.6	40.3	18.2
9	42.4	6.2	12.9	17.4	10.2	8.0	12.2	14.8	43.8	29.5	31.2	62.2	37.1	12.9	7.4	9.4	6.9	5.8	10.7	7.1	12.6	7.6	7.8	7.4	5.8	62.2	17.6
10	6.7	7.0	6.9	8.8	7.5	6.9	12.8	13.7	28.5	18.4	17.2	15.9	10.4	7.2	11.4	11.8	16.7	40.5	10.8	7.7	10.2	7.2	6.6	6.3	6.3	40.5	12.4
11	7.4	7.4	7.0	7.5	6.3	7.3	6.4	8.8	25.8	56.4	24.6	34.9	17.4	11.2	10.1	9.9	45.6	40.5	39.5	14.3	48.5	10.5	10.2	8.2	6.3	56.4	19.4
12	8.1	9.0	8.4	9.7	12.1	11.9	12.1	16.0	23.8	29.0	23.5	22.0	16.1	10.6	14.9	14.4	12.3	7.3	6.8	7.5	8.1	9.5	7.5	8.6	6.8	29.0	12.9
13	8.1	17.0	30.5	29.6	44.5	55.5	19.3	19.3	30.8	31.9	43.9	41.8	11.6	12.9	11.5	9.6	9.1	8.3	8.3	8.0	6.8	7.1	7.4	8.6	6.8	55.5	20.1
14	7.7	10.3	10.0	8.6	8.3	7.5	6.7	7.0	7.2	8.5	8.8	19.2	20.0	19.2	16.5	9.7	8.6	6.9	6.4	6.4	6.0	6.3	6.0	6.1	6.0	20.0	9.5
15	6.2	6.2	6.4	6.4	6.1	7.9	7.8	7.2	10.0	28.0	26.8	19.0	19.1	18.2	13.2	14.6	14.2	16.6	28.8	6.8	6.1	6.3	6.1	6.1	6.1	28.8	12.3
16	6.3	7.3	6.9	9.3	7.1	6.3	11.8	13.4	31.6	16.2	20.6	18.1	17.6	18.5	14.4	14.1	11.9	9.6	16.2	24.1	13.6	6.8	5.8	15.2	5.8	31.6	13.5
17	7.0	8.0	10.7	5.5	12.8	22.0	18.0	22.4	26.2	17.1	24.7	36.6	24.4	37.1	31.6	10.2	9.5	8.7	10.7	9.6	7.7	7.3	7.1	12.3	5.5	37.1	16.1
18	14.9	10.3	9.3	8.5	15.1	53.0	34.4	29.7	15.6	19.3	21.3	31.6	31.9	52.2	48.9	9.4	9.5	10.3	15.3	10.3	8.1	7.6	6.7	7.0	6.7	53.0	20.0
19	7.3	7.5	8.3	7.8	9.6	9.0	12.1	11.1	9.9	9.5	11.0	13.4	10.5	10.0	9.0	9.5	11.3	13.0	11.0	10.7	9.4	10.2	11.3	13.1	7.3	13.4	10.2
20	9.4	7.8	12.4	10.7	9.6	9.5	7.3	7.6	8.3	9.5	12.5	15.8	15.3	17.8	11.5	9.3	7.2	6.5	7.2	6.9	6.3	7.4	7.8	8.6	6.3	17.8	9.7
21	14.9	20.2	35.5	10.4	20.3	24.8	35.1	24.4	30.6	28.5	18.9	22.1	18.6	22.7	19.8	16.9	13.7	10.0	18.0	11.9	13.7	10.3	6.2	12.3	6.2	35.5	19.2
22	8.1	6.2	9.7	3.6	4.6	6.8	8.2	10.1	40.0	46.8	63.7	48.7	64.5	68.2	46.4	58.1	24.0	7.7	39.7	20.3	9.4	21.2	15.2	9.0	3.6	68.2	26.7
23	7.2	9.1	12.4	8.6	8.6	8.3	30.3	22.1	53.3	35.6	22.0	21.9	23.6	31.9	14.2	28.3	18.0	5.2	52.0	10.4	16.9	4.2	6.5	5.6	4.2	53.3	19.0
24	7.0	7.7	10.6	4.4	14.9	7.4	7.2	11.3	41.6	16.7	16.4	23.5	28.3	48.6	46.2	23.2	11.0	7.3	64.3	8.8	8.6	8.4	8.6	11.5	4.4	64.3	18.5
25	11.8	13.1	7.6	14.4	11.9	13.3	16.5	11.3	16.8	33.7	29.0	22.0	19.8	18.1	20.9	11.9	11.1	24.5	44.4	17.3	10.6	11.9	10.6	10.3	7.6	44.4	17.2
26	9.2	6.7	5.3	16.3	7.6	7.2	9.4	27.0	14.7	10.1	12.1	13.9	15.3	17.0	14.9	13.3	8.7	29.2	65.0	17.1	6.4	10.0	6.5	8.0	5.3	65.0	14.6
27	8.9	8.9	7.2	6.9	5.3	4.8	7.7	7.7	44.0	14.9	13.6	15.1	15.3	12.1	15.9	13.0	8.5	34.8	43.9	10.2	8.3	9.3	7.6	8.9	4.8	44.0	13.9
28	19.7	51.8	14.2	12.6	18.4	14.6	20.5	33.3	20.3	14.0	26.2	50.4	45.9	16.6	10.6	7.8	7.8	11.9	8.9	10.5	9.3	7.5	8.1	7.9	7.5	51.8	18.7
29	7.6	7.4	7.3	8.9	8.1	7.8	7.3	7.4	7.5	7.9	7.8	7.5	7.7	9.5	8.8	8.6	7.1	6.8	7.0	6.9	7.3	7.1	6.7	6.9	6.7	9.5	7.6
30	7.0	7.0	6.9	7.7	7.0	6.9	7.3	7.6	7.4	8.2	10.4	9.5	12.4	9.7	9.0	7.1	7.1	7.5	7.0	6.5	5.7	6.0	6.1	6.2	5.7	12.4	7.6
Min	5.8	6.2	5.3	3.6	4.6	4.8	6.4	7.0	7.2	7.9	7.8	7.5	7.7	7.2	7.4	7.1	6.9	5.2	6.4	6.3	5.7	4.2	5.8	5.6	3.6		
Max	42.4	51.8	37.3	29.6	44.5	55.5	41.8	36.9	53.3	56.4	63.7	62.2	64.5	68.2	48.9	58.1	52.3	40.5	65.0	38.8	48.5	21.2	15.2	15.3	68.2		
Avg	9.7	10.4	12.3	10.1	13.0	13.4	15.0	15.6	22.9	22.0	22.1	24.8	22.1	22.5	19.7	16.0	14.5	13.7	23.2	12.6	11.5	8.7	7.8	9.0			15.5

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 1.2

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

Site: White Water Wash (data subject to change)
Month: September
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 08:21:04
Output File Name: WWWB0904.17

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	20.4	17.5	16.6	17.9	15.9	16.3	13.4	20.5	19.8	17.5	14.8	12.0	11.9	13.0	14.6	13.4	12.1	7.6	7.5	16.4	22.9	21.0	15.6	11.2	7.5	22.9	15.4
2	12.6	10.3	10.7	10.0	7.8	8.3	5.0	11.6	13.9	14.6	11.8	13.7	11.1	16.0	28.4	26.0	27.5	33.0	35.9	43.4	38.5	43.8	36.3	36.5	5.0	43.8	21.1
3	33.0	38.7	36.4	28.0	21.9	26.5	24.5	24.5	24.3	25.1	24.3	29.4	39.5	41.4	46.8	43.1	34.3	34.3	40.7	44.0	41.3	43.3	41.4	36.9	21.9	46.8	34.3
4	34.6	27.8	25.9	20.1	16.1	12.2	9.7	13.4	20.2	17.6	10.3	13.7	14.2	20.0	11.1	9.6	11.3	6.6	4.5	12.6	10.4	9.6	10.1	9.1	4.5	34.6	14.1
5	8.3	9.9	11.5	10.3	8.8	11.0	11.7	7.2	10.2	9.6	11.0	12.5	16.2	13.7	13.7	13.4	10.7	9.6	10.4	10.0	11.9	10.9	11.5	11.4	7.2	16.2	11.1
6	10.0	8.8	8.6	11.4	10.8	9.9	10.1	6.1	5.3	10.1	14.1	16.9	13.3	11.1	11.6	12.5	10.5	8.4	22.7	28.7	29.0	28.2	28.7	24.9	5.3	29.0	14.6
7	20.5	16.5	12.6	10.7	10.6	11.3	9.9	6.1	7.1	6.1	11.4	14.9	14.8	12.9	14.3	12.6	10.5	8.1	24.2	26.5	27.3	23.6	20.6	18.7	6.1	27.3	14.7
8	17.5	13.1	21.6	16.5	9.9	10.7	9.4	8.8	11.9	13.7	11.0	16.4	16.6	17.6	14.5	11.9	14.4	10.7	4.6	8.4	7.0	7.3	6.7	14.9	4.6	21.6	12.3
9	12.6	8.8	8.1	5.6	7.6	7.9	7.8	5.3	6.2	6.8	8.0	7.1	9.6	15.6	15.6	18.0	16.3	13.4	8.1	10.6	18.9	20.2	24.8	19.4	5.3	24.8	11.8
10	22.1	18.4	16.2	15.8	19.1	16.4	11.3	14.3	7.4	11.3	11.9	15.0	16.6	25.4	20.1	24.0	9.9	7.8	13.1	12.7	18.4	18.9	19.4	20.5	7.4	25.4	16.1
11	21.3	17.3	20.9	21.5	21.9	21.8	18.1	14.8	10.9	6.6	9.6	9.9	14.8	16.0	16.7	21.6	10.6	15.6	13.7	11.8	21.5	19.6	23.9	26.2	6.6	26.2	16.9
12	29.6	32.2	27.9	34.7	31.2	30.3	28.5	30.5	22.7	23.3	27.9	27.8	34.2	40.9	40.1	36.1	38.1	40.8	38.4	38.8	35.4	39.1	37.0	36.4	22.7	40.9	33.4
13	36.9	25.0	29.9	30.8	29.2	9.4	31.6	30.5	19.4	10.6	14.6	24.3	31.4	31.5	31.8	36.3	38.6	41.9	41.9	42.3	41.7	44.3	50.3	46.8	9.4	50.3	32.1
14	47.7	45.7	44.8	37.8	35.1	37.3	38.6	32.2	29.7	29.7	25.6	22.8	18.0	18.9	19.8	25.5	28.6	30.2	33.5	35.5	31.9	31.5	32.4	29.7	18.0	47.7	31.8
15	28.7	29.1	30.7	27.2	27.0	23.8	23.6	23.8	14.0	9.8	10.8	12.9	15.1	15.8	15.1	16.2	13.5	13.1	16.4	24.0	25.7	24.5	24.8	24.3	9.8	30.7	20.4
16	25.3	20.9	18.3	15.9	12.4	11.8	9.8	5.1	8.3	8.8	14.0	15.2	14.8	18.6	16.2	14.5	13.6	11.1	7.9	8.8	13.5	19.7	18.5	11.0	5.1	25.3	13.9
17	10.8	12.4	12.0	10.4	11.8	9.1	7.4	4.5	11.5	16.1	11.5	11.5	13.2	12.9	22.9	28.4	25.9	26.5	21.3	30.3	30.6	32.2	25.4	20.4	4.5	32.2	17.5
18	19.8	18.6	16.2	14.1	11.1	10.9	5.3	4.8	10.9	13.1	13.3	12.3	12.9	10.2	32.3	45.0	42.1	37.4	36.8	41.8	38.1	38.0	37.0	40.7	4.8	45.0	23.4
19	43.5	51.4	52.8	44.6	43.5	53.6	46.7	41.9	44.6	45.7	44.3	50.3	47.9	49.9	52.9	51.6	52.6	54.1	47.1	50.4	43.8	41.3	42.7	36.2	36.2	54.1	47.2
20	36.2	38.1	39.4	34.5	38.2	38.9	33.9	31.8	34.9	31.4	27.2	25.8	23.8	25.2	27.2	28.9	25.6	25.8	30.8	31.0	30.0	26.4	17.8	17.8	17.8	39.4	30.0
21	15.2	15.7	13.4	18.8	13.7	18.1	18.2	26.2	15.9	20.2	26.0	21.4	21.5	24.3	22.4	17.7	16.7	18.6	10.7	10.4	9.3	11.4	13.6	11.6	9.3	26.2	17.1
22	13.4	12.5	12.1	11.5	13.0	9.8	8.0	7.5	7.2	10.7	13.4	17.9	11.0	9.3	14.3	12.6	14.3	6.2	6.4	9.0	10.2	8.1	10.2	9.7	6.2	17.9	10.8
23	12.5	12.4	8.1	10.6	13.2	16.3	13.6	8.3	5.0	8.8	11.9	11.0	12.7	14.6	11.3	10.8	8.8	5.6	7.4	9.6	8.8	9.9	12.8	9.0	5.0	16.3	10.5
24	10.2	10.8	8.4	9.6	9.0	10.7	7.2	5.4	4.4	8.4	9.6	12.9	12.9	12.4	12.8	10.4	8.0	13.8	12.6	23.3	22.4	16.4	21.0	19.1	4.4	23.3	12.1
25	21.0	15.3	17.2	9.8	11.5	11.3	11.3	10.9	9.4	8.5	11.9	12.6	18.7	16.0	12.6	12.6	9.5	14.0	26.5	17.2	14.5	19.1	12.9	14.5	8.5	26.5	14.1
26	14.3	12.1	14.3	13.3	13.4	14.1	11.9	15.7	23.4	23.2	22.0	18.2	17.8	18.5	14.5	14.0	13.3	10.2	8.7	8.6	8.3	8.4	11.3	11.3	8.3	23.4	14.2
27	9.6	10.7	11.4	12.1	11.0	12.2	11.8	7.6	7.2	8.8	12.9	15.4	16.6	17.3	14.5	13.7	11.6	7.2	26.9	30.6	29.0	28.8	26.7	21.2	7.2	30.6	15.6
28	20.3	13.3	16.4	16.7	16.9	25.8	26.6	16.8	11.0	11.8	10.7	8.1	16.4	29.3	38.3	38.0	40.0	37.6	38.7	44.9	38.0	38.6	38.9	47.6	8.1	47.6	26.7
29	44.6	44.6	48.4	46.2	47.5	45.5	44.3	44.6	44.5	46.5	46.0	45.8	49.1	44.6	51.2	48.7	45.4	46.3	45.5	46.5	44.8	43.4	46.7	41.4	41.4	51.2	45.9
30	43.0	41.8	36.5	38.3	37.6	38.7	37.2	35.0	34.6	32.7	31.2	31.0	31.4	30.3	30.3	31.8	30.1	33.6	35.2	32.2	31.9	30.4	30.3	31.6	30.1	43.0	34.0
Min	8.3	8.8	8.1	5.6	7.6	7.9	5.0	4.5	4.4	6.1	8.0	7.1	9.6	9.3	11.1	9.6	8.0	5.6	4.5	8.4	7.0	7.3	6.7	9.0	4.4		
Max	47.7	51.4	52.8	46.2	47.5	53.6	46.7	44.6	44.6	46.5	46.0	50.3	49.1	49.9	52.9	51.6	52.6	54.1	47.1	50.4	44.8	44.3	50.3	47.6	54.1	54.1	
Avg	23.2	21.7	21.6	20.1	19.2	19.3	18.2	17.2	16.5	16.9	17.4	18.6	19.9	21.4	22.9	23.3	21.5	21.0	22.6	25.3	25.2	25.3	25.0	23.7			21.1

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 1.2

Variable: Battery Voltage
Units: volts
Channel: 7

Site: White Water Wash (data subject to change)
Month: September
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 02-04-2005
Printout Time: 08:20:57
Output File Name: WWWB0904.7

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

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 1.2