

White Water Wash Meteorological Data

June 2007

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: June
Year: 2007
Time Zone: PST

Validation Level: B
Printout Date: 01-22-2008
Printout Time: 14:44:41
Output File Name: WWWB0607.9

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	30.4	30.5	25.7	25.3	25.2	27.7	26.8	24.7	21.5	23.2	23.7	19.6	18.6	18.9	17.8	22.7	23.8	24.1	25.8	26.9	27.4	29.8	29.0	27.9	17.8	30.5	24.9
2	28.0	28.5	24.5	18.6	16.5	15.9	7.3	8.0	5.4	5.1	5.4	6.6	5.7	8.2	7.5	15.3	24.5	22.8	21.8	23.3	21.6	20.8	22.1	22.3	5.1	28.5	16.1
3	20.0	19.8	18.5	16.7	15.6	16.0	14.4	4.7	5.5	5.1	6.0	5.9	6.7	4.9	10.4	7.9	13.8	18.4	23.8	25.0	21.0	14.3	15.2	14.4	4.7	25.0	13.5
4	10.0	6.2	8.1	5.0	2.7	3.4	1.5	3.5	4.6	5.0	6.4	8.1	8.0	6.3	18.2	21.0	24.0	25.2	23.5	21.8	22.0	22.8	19.1	19.9	1.5	25.2	12.3
5	15.4	9.3	12.7	16.2	8.7	9.9	4.4	3.5	3.1	6.6	11.4	23.4	30.7	30.9	30.8	29.5	27.3	23.0	27.9	30.5	28.1	26.4	25.3	32.3	3.1	32.3	19.5
6	31.7	34.7	33.2	32.4	28.0	28.9	33.1	32.5	34.1	36.2	36.3	36.0	37.0	35.2	33.2	35.7	36.7	36.9	32.4	30.4	33.9	34.3	35.0	29.8	28.0	37.0	33.6
7	29.2	27.7	26.8	21.6	19.4	19.8	18.0	13.5	8.0	5.5	5.6	4.7	5.2	5.8	4.7	5.5	5.4	5.1	19.4	22.8	22.3	21.9	23.6	23.2	4.7	29.2	15.2
8	22.9	22.6	21.5	17.8	17.5	15.8	15.2	9.9	2.6	4.7	8.5	11.3	11.1	10.9	9.3	7.9	5.5	22.7	24.3	25.3	26.3	23.2	23.5	24.2	2.6	26.3	16.0
9	24.3	25.1	24.2	21.9	18.7	16.5	16.3	11.9	3.6	3.5	6.6	9.8	9.4	7.2	7.7	6.7	7.7	19.6	21.6	20.5	21.4	19.8	20.0	18.1	3.5	25.1	15.1
10	13.4	10.5	7.9	6.6	5.4	3.8	2.8	1.3	3.9	5.8	6.8	6.7	9.2	11.4	10.3	11.6	13.9	10.3	8.3	8.5	16.1	19.7	19.1	12.3	1.3	19.7	9.4
11	10.6	8.6	7.4	5.3	7.3	10.6	6.3	2.8	5.5	6.2	6.0	6.5	7.3	7.9	6.5	10.9	16.1	19.2	22.9	24.2	22.6	23.7	22.1	15.9	2.8	24.2	11.8
12	14.0	7.8	8.9	9.1	7.3	7.1	5.7	2.1	4.9	6.4	7.8	10.2	11.4	11.2	10.3	11.0	11.5	9.3	7.2	4.2	4.4	9.1	9.2	8.1	2.1	14.0	8.3
13	8.4	7.1	7.6	6.7	7.4	6.1	3.6	1.0	6.0	5.4	7.3	7.2	10.2	9.1	8.5	9.4	10.1	8.6	5.5	10.9	16.2	16.7	12.2	17.1	1.0	17.1	8.7
14	15.6	11.4	9.7	7.3	8.8	8.4	8.0	6.1	5.1	7.9	8.4	8.1	11.4	11.4	12.5	10.8	14.0	22.6	24.9	23.5	25.1	23.7	23.3	24.0	5.1	25.1	13.8
15	22.6	22.9	21.7	24.3	20.4	18.6	18.0	10.8	6.4	5.3	17.7	24.1	23.8	25.5	26.5	26.1	26.3	27.4	28.5	27.0	28.1	27.0	29.2	28.6	5.3	29.2	22.4
16	27.2	30.3	27.8	25.9	26.0	21.6	6.5	9.9	18.5	20.8	22.3	24.5	21.4	21.8	22.4	23.6	27.7	31.5	30.0	29.9	30.0	26.7	24.7	21.7	6.5	31.5	23.9
17	19.9	5.1	4.1	3.0	4.5	14.1	14.1	13.7	7.2	5.3	6.5	17.7	23.1	26.6	27.6	28.3	28.0	31.0	32.6	31.6	30.4	30.8	29.0	24.8	3.0	32.6	19.1
18	20.7	20.4	21.9	19.6	20.0	14.7	5.1	5.8	4.7	6.3	4.6	10.2	13.7	21.4	24.1	25.4	26.7	25.1	21.5	26.5	26.8	27.5	25.0	22.3	4.6	27.5	18.3
19	21.0	20.2	9.3	3.6	4.4	4.9	3.5	4.8	7.0	8.7	9.1	8.9	8.9	6.6	7.0	7.3	18.4	21.0	21.1	18.2	22.6	23.5	22.1	19.3	3.5	23.5	12.6
20	18.4	8.9	9.6	15.4	11.5	12.8	2.3	4.2	5.0	10.8	12.1	18.9	21.3	22.4	24.9	25.7	26.4	27.5	28.4	28.4	27.6	24.8	23.4	21.3	2.3	28.4	18.0
21	19.4	20.9	20.5	20.7	16.2	15.9	20.4	20.6	21.6	20.2	18.4	19.1	18.7	22.3	23.5	25.8	26.8	28.1	29.9	29.5	28.6	27.5	23.9	23.9	15.9	29.9	22.6
22	23.2	21.1	20.2	16.8	19.1	14.2	10.1	5.9	8.5	11.2	4.7	5.8	6.6	7.2	10.8	9.4	14.0	19.0	20.6	22.8	22.9	20.1	17.4	10.9	4.7	23.2	14.3
23	6.8	7.6	4.3	5.3	7.8	4.1	6.5	10.0	8.8	7.6	7.6	7.6	9.5	9.7	8.4	7.7	10.4	20.6	24.5	26.0	25.0	24.0	22.7	22.1	4.1	26.0	12.3
24	22.0	17.8	8.0	11.4	9.1	4.2	3.9	5.3	5.0	4.7	7.6	7.8	5.1	10.4	20.9	23.9	25.9	24.1	28.4	29.2	29.3	31.0	28.0	25.0	3.9	31.0	16.2
25	5.3	15.9	19.8	12.4	6.5	5.0	4.1	4.7	6.6	5.7	6.4	5.7	4.5	12.2	14.0	13.7	19.4	22.8	23.8	24.3	25.7	25.1	22.6	23.0	4.1	25.7	13.7
26	22.7	20.7	21.8	21.2	13.6	19.3	18.0	11.9	10.5	5.7	13.9	11.0	12.0	14.7	16.9	17.6	21.0	26.7	26.1	28.3	28.4	27.2	26.1	24.9	5.7	28.4	19.2
27	26.1	17.2	23.1	14.6	13.6	17.4	7.5	11.8	10.0	5.0	5.3	6.0	12.2	14.9	15.2	14.9	20.6	25.2	28.1	29.4	27.1	27.7	27.8	24.2	5.0	29.4	17.7
28	23.7	23.8	19.6	17.9	6.1	20.3	20.2	19.4	15.2	10.6	9.7	11.8	15.6	18.7	19.9	22.0	22.9	25.8	28.2	30.1	29.9	29.9	26.9	23.7	6.1	30.1	20.5
29	19.3	14.3	13.1	17.6	14.8	18.8	9.1	4.9	5.8	3.8	6.3	6.1	5.4	4.7	9.6	14.2	19.7	20.6	21.5	21.8	26.8	26.2	26.3	25.5	3.8	26.8	14.8
30	20.8	20.1	20.0	18.1	18.2	10.6	3.3	3.7	5.3	4.2	6.3	6.3	6.2	8.2	12.6	20.1	23.3	23.6	23.5	27.7	27.3	24.7	22.2	19.7	3.3	27.7	15.7
Min	5.3	5.1	4.1	3.0	2.7	3.4	1.5	1.0	2.6	3.5	4.6	4.7	4.5	4.7	4.7	5.5	5.4	5.1	5.5	4.2	4.4	9.1	9.2	8.1	1.0		
Max	31.7	34.7	33.2	32.4	28.0	28.9	33.1	32.5	34.1	36.2	36.3	36.0	37.0	35.2	33.2	35.7	36.7	36.9	32.6	31.6	33.9	34.3	35.0	32.3		37.0	
Avg	19.8	17.9	16.7	15.3	13.3	13.5	10.5	9.1	8.7	8.8	10.2	11.8	13.0	14.2	15.7	17.0	19.7	22.3	23.5	24.3	24.8	24.3	23.2	21.7			16.6

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: June
 Year: 2007
 Time Zone: PST

Validation Level: B
 Printout Date: 01-22-2008
 Printout Time: 14:44:41
 Output File Name: WWWB0607.10

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	296	297	297	301	301	298	296	296	294	297	297	296	298	296	294	294	297	298	299	296	296	294	290	291	[WNW]
2	293	295	293	312	316	313	265	245	200	223	269	271	187	283	311	296	297	297	298	299	298	302	309	307	[WNW]
3	307	304	307	313	312	310	294	216	183	143	149	140	143	121	301	312	305	303	297	299	298	296	313	312	[NW]
4	308	326	353	333	179	339	344	134	144	158	149	143	145	174	295	300	302	306	306	306	308	304	290	308	[NW]
5	292	270	271	278	250	234	167	153	98	158	247	291	301	308	308	305	306	307	309	298	298	305	318	312	[NW]
6	305	302	298	303	306	312	309	307	306	302	299	302	305	305	301	299	298	296	295	302	310	312	305	303	[WNW]
7	301	299	295	303	304	300	297	289	282	268	8	97	91	134	337	144	143	132	293	299	298	297	298	298	[WNW]
8	304	308	303	301	304	300	295	295	340	161	147	130	137	134	134	139	128	299	295	298	298	299	298	304	[WNW]
9	299	298	298	298	298	291	292	297	242	167	147	133	122	129	141	133	145	297	296	296	297	299	303	309	[WNW]
10	323	313	324	326	45	69	305	311	150	149	148	154	137	124	139	130	124	112	111	226	301	300	303	318	[NW]
11	340	347	343	334	299	294	235	92	142	139	149	129	131	124	106	337	298	304	300	298	298	294	292	293	[WNW]
12	306	335	311	308	328	329	321	30	108	121	118	133	148	134	129	116	116	124	126	132	324	314	326	346	[NW]
13	342	349	354	348	349	329	5	93	142	135	144	142	144	135	138	128	127	129	132	303	295	291	289	311	[SE]
14	319	328	345	352	344	350	350	333	187	129	153	137	149	133	123	126	8	299	296	300	301	299	296	297	[WNW]
15	295	293	288	288	299	296	281	256	195	170	290	301	301	299	303	298	300	301	299	299	298	293	294	295	[WNW]
16	291	293	289	286	289	282	226	252	294	292	291	294	294	296	295	293	296	294	292	293	292	292	293	289	[WNW]
17	288	208	219	234	278	290	271	268	228	189	176	275	294	293	296	296	300	299	296	293	293	295	290	290	[WNW]
18	286	287	292	290	294	283	209	219	202	291	281	296	298	300	298	295	294	296	301	299	297	297	298	294	[WNW]
19	290	280	251	255	276	290	189	175	143	137	119	131	137	115	164	178	304	302	305	304	301	296	292	286	[WNW]
20	288	305	293	275	276	270	219	190	173	273	314	305	297	301	300	300	297	298	296	295	294	293	296	293	[WNW]
21	303	316	309	305	295	289	291	289	291	286	288	294	297	297	299	296	297	298	299	297	295	294	299	300	[WNW]
22	306	309	312	320	312	316	292	242	275	300	294	160	152	121	126	128	299	300	294	293	296	295	292	302	[WNW]
23	341	6	353	321	350	340	100	126	126	130	130	140	145	146	145	143	241	300	299	295	296	296	297	297	[SE]
24	294	293	258	275	273	245	169	173	152	128	147	152	151	269	308	306	305	307	305	303	299	296	291	287	[WNW]
25	247	309	298	263	286	255	235	213	252	181	168	155	203	291	304	308	306	302	300	298	298	296	297	296	[WNW]
26	297	291	290	293	289	301	290	264	272	207	290	310	297	315	302	313	309	300	300	297	298	299	300	301	[WNW]
27	293	274	290	269	276	281	237	267	280	245	202	178	308	300	307	304	300	299	300	296	297	297	295	297	[WNW]
28	301	305	301	293	266	301	300	288	284	291	292	304	310	303	300	301	301	299	298	295	294	294	295	297	[WNW]
29	295	296	283	285	278	287	269	192	158	148	136	142	162	258	321	318	303	296	300	301	299	298	298	297	[WNW]
30	304	300	309	317	301	281	196	190	158	150	155	153	143	268	306	303	298	297	301	297	297	297	296	304	[WNW]

Prev [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [SE] [SSE] [SSE] [SE] [SE] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [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 1.2

Validation Level: B
Printout Date: 01-22-2008
Printout Time: 14:44:41
Output File Name: WWWB0607.10t

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

3

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

Site: White Water Wash (data subject to change)
 Month: June
 Year: 2007
 Time Zone: PST

Validation Level: B
 Printout Date: 01-22-2008
 Printout Time: 14:44:41
 Output File Name: WWWB0607.11

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	7.3	7.6	8.3	8.9	7.5	7.2	7.7	7.5	8.1	8.0	7.6	9.2	10.6	11.4	13.1	9.7	8.6	8.8	8.6	7.4	7.1	7.4	8.0	7.4	7.1	13.1	8.5
2	7.3	7.4	7.9	10.6	10.0	11.0	24.7	20.3	19.3	37.0	52.6	44.1	53.1	52.0	48.0	37.2	9.2	9.1	8.6	7.8	8.1	7.3	7.6	7.3	7.3	53.1	21.1
3	7.5	8.1	7.4	7.7	8.9	7.6	12.9	12.6	19.0	36.9	22.5	28.6	21.9	49.8	31.6	35.3	20.2	12.4	9.9	9.7	9.6	9.9	10.9	8.6	7.4	49.8	17.1
4	12.3	11.0	11.7	23.3	46.9	14.4	57.4	21.4	25.0	17.7	18.5	16.9	18.3	47.2	17.1	14.5	11.0	11.4	10.8	10.9	9.1	10.0	18.0	12.2	9.1	57.4	19.5
5	16.3	25.1	18.2	17.3	25.0	19.5	32.0	36.4	41.4	20.3	27.6	20.6	10.3	11.5	13.5	12.6	15.1	25.5	15.5	10.9	11.0	10.9	12.6	8.6	8.6	41.4	19.1
6	12.3	8.6	11.5	8.2	8.0	8.8	7.3	8.2	8.7	8.4	8.9	8.5	8.2	8.2	8.7	8.4	7.7	8.0	8.1	8.6	7.0	7.0	7.2	10.4	7.0	12.3	8.5
7	7.9	7.4	7.9	8.3	8.3	7.6	7.3	8.8	21.1	46.3	46.2	49.2	51.3	54.9	57.3	32.9	24.3	15.4	26.5	8.2	8.4	7.6	7.5	7.2	7.2	57.3	22.0
8	7.1	6.7	7.0	7.2	7.1	6.8	6.8	10.5	52.6	32.0	18.8	18.3	16.5	19.2	18.5	22.8	47.0	8.5	7.4	7.4	7.8	7.5	7.0	6.9	6.7	52.6	14.9
9	6.8	7.1	7.1	7.2	7.8	7.3	7.4	10.3	32.0	47.6	21.2	14.3	16.4	26.4	17.5	18.0	33.7	8.8	8.1	8.3	7.8	7.5	7.2	7.0	6.8	47.6	14.3
10	8.1	7.9	8.2	8.0	16.8	21.3	13.7	58.6	36.0	19.6	21.5	21.9	17.6	15.8	14.4	14.0	10.4	11.5	13.6	26.1	8.3	7.1	7.3	12.9	7.1	58.6	16.7
11	15.2	9.9	14.6	14.2	11.0	8.5	21.5	21.3	30.6	24.3	23.6	26.6	31.7	26.8	35.7	41.2	19.7	11.8	9.7	7.3	7.6	6.9	7.5	10.2	6.9	41.2	18.2
12	7.5	17.8	10.9	10.5	7.4	14.9	12.3	40.5	27.5	27.1	20.5	17.1	14.9	13.7	16.2	12.0	10.4	10.9	8.4	22.5	11.8	8.9	13.6	11.6	7.4	40.5	15.4
13	9.1	11.4	6.7	6.9	19.7	14.0	13.9	22.6	14.9	20.0	15.0	19.5	14.6	18.1	17.5	15.1	13.7	10.9	9.3	23.6	7.8	11.2	8.8	8.1	6.7	23.6	13.9
14	7.9	11.3	10.5	9.2	9.3	6.9	7.8	15.4	16.5	16.8	15.5	18.6	16.0	13.4	12.3	14.5	31.6	9.7	9.6	11.6	9.6	10.4	8.4	8.5	6.9	31.6	12.6
15	8.7	10.0	9.6	10.0	10.7	10.6	16.8	24.5	22.8	27.8	29.0	11.4	11.4	12.0	10.4	12.5	14.5	11.0	10.2	11.2	9.3	9.9	8.2	8.7	8.2	29.0	13.4
16	10.3	11.0	11.2	10.0	11.4	14.5	33.9	29.0	15.4	12.0	11.5	10.6	14.3	16.9	12.6	14.0	10.1	9.4	8.3	8.5	8.4	8.9	10.4	11.7	8.3	33.9	13.1
17	11.8	57.3	57.0	62.4	34.0	12.2	17.1	15.9	29.0	47.7	36.1	35.5	16.3	11.5	10.8	10.9	10.9	11.2	8.6	8.6	10.4	8.8	8.3	8.9	8.3	62.4	22.6
18	9.9	8.4	8.4	9.7	9.0	19.3	25.0	27.7	42.3	20.4	61.9	32.4	26.6	12.9	10.5	8.6	8.2	8.8	15.9	10.7	9.8	7.8	10.2	8.8	7.8	61.9	17.2
19	9.3	9.0	26.4	36.7	34.0	31.1	31.2	11.4	12.4	12.9	17.0	20.0	17.4	29.6	23.6	46.2	24.0	17.6	15.5	15.4	8.1	10.0	8.6	9.7	8.1	46.2	19.9
20	9.4	25.3	24.5	15.3	22.1	20.1	29.5	26.4	41.3	45.6	21.0	20.9	15.1	13.9	14.0	10.1	10.9	10.2	8.1	8.5	7.7	8.4	9.0	9.3	7.7	45.6	17.8
21	10.5	9.8	9.1	9.8	10.4	11.6	9.3	9.5	9.6	10.7	12.9	14.1	12.1	12.4	11.2	8.0	8.5	8.2	8.3	7.5	7.5	7.6	8.4	7.6	7.5	14.1	9.8
22	8.3	7.6	8.1	8.3	8.1	9.4	12.4	20.9	24.2	16.4	57.1	48.7	25.8	30.2	18.0	16.7	30.3	10.1	8.2	8.0	8.1	7.4	8.2	17.2	7.4	57.1	17.4
23	24.6	10.8	24.6	19.3	8.8	36.0	22.9	10.4	15.9	19.7	23.8	18.4	17.5	17.0	18.3	22.9	37.6	13.4	8.2	7.9	8.6	8.4	7.8	8.4	7.8	37.6	17.1
24	7.6	9.7	18.7	13.7	16.7	44.6	35.9	10.7	19.4	29.7	15.3	18.6	34.1	53.0	16.3	13.7	12.3	15.0	9.1	9.3	8.9	9.7	9.0	11.4	7.6	53.0	18.4
25	32.7	15.8	12.4	16.2	32.2	26.8	17.9	23.7	29.9	43.1	20.9	35.7	65.6	38.9	19.0	22.5	12.5	9.4	8.0	8.7	8.9	7.7	7.9	7.3	7.3	65.6	21.8
26	7.4	7.8	8.0	8.2	13.2	11.0	9.7	28.1	26.0	25.6	23.9	30.4	29.2	22.4	18.2	22.1	14.8	8.6	8.2	8.9	8.8	9.5	12.1	12.1	7.4	30.4	15.6
27	9.1	15.4	8.5	16.0	11.3	11.6	23.4	15.1	19.4	43.7	28.2	32.0	41.1	21.5	20.7	22.1	12.9	9.3	8.5	8.0	8.5	8.0	7.8	9.1	7.8	43.7	17.1
28	10.4	7.9	8.8	8.8	30.4	9.6	11.2	8.9	13.6	25.4	33.7	28.1	20.3	16.4	14.4	11.0	10.5	8.4	8.2	8.6	7.5	8.1	8.3	8.1	7.5	33.7	13.6
29	9.5	10.0	11.4	8.1	9.8	8.2	20.5	17.0	13.1	34.1	30.0	21.0	33.3	53.9	46.3	24.4	13.3	11.4	12.5	10.6	8.4	7.8	8.1	8.4	7.8	53.9	18.0
30	9.1	8.0	8.1	9.3	9.8	27.1	17.1	20.3	11.3	25.1	21.9	23.4	21.9	52.3	24.6	15.9	10.8	9.4	10.9	9.1	8.0	8.8	8.4	9.2	8.0	52.3	15.8
Min	6.8	6.7	6.7	6.9	7.1	6.8	6.8	7.5	8.1	8.0	7.6	8.5	8.2	8.2	8.7	8.0	7.7	8.0	7.4	7.3	7.0	6.9	7.0	6.9	6.7		
Max	32.7	57.3	57.0	62.4	46.9	44.6	57.4	58.6	52.6	47.7	61.9	49.2	65.6	54.9	57.3	46.2	47.0	25.5	26.5	26.1	11.8	11.2	18.0	17.2		65.6	
Avg	10.7	12.4	13.1	13.6	15.5	15.3	18.9	19.8	23.3	26.7	25.5	23.8	23.4	26.1	20.3	19.0	16.8	11.1	10.4	10.7	8.6	8.5	9.1	9.4		16.3	

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: June
Year: 2007
Time Zone: PST

Validation Level: B
Printout Date: 01-22-2008
Printout Time: 14:44:43
Output File Name: WWWB0607.17

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	44.0	45.4	40.0	39.9	34.6	39.7	38.1	36.0	31.4	31.4	33.2	26.7	29.2	27.5	30.3	31.0	35.1	34.6	37.8	37.0	38.7	43.7	44.0	42.8	26.7	45.4	36.3
2	40.5	43.8	35.3	30.0	26.2	24.6	22.0	18.6	10.6	15.6	16.6	17.6	16.3	24.0	18.7	30.8	36.2	33.2	36.7	37.3	34.5	29.7	33.7	32.7	10.6	43.8	27.7
3	29.2	29.4	27.8	25.6	25.3	24.0	22.8	7.4	10.9	11.3	11.3	11.3	13.6	12.1	25.4	21.9	27.3	32.9	38.5	38.9	33.5	25.4	23.9	23.0	7.4	38.9	23.0
4	18.0	12.2	12.9	9.5	7.2	5.9	5.8	8.2	8.6	8.8	11.7	12.3	14.2	26.9	34.5	38.9	39.6	38.2	38.2	38.8	34.6	35.3	34.0	32.0	5.8	39.6	21.9
5	33.2	23.5	27.5	33.6	21.5	22.3	9.7	8.5	9.0	12.9	33.5	46.3	48.1	50.5	50.6	52.0	46.1	46.1	55.1	48.2	47.9	41.7	40.3	56.2	8.5	56.2	36.0
6	56.3	56.8	55.0	51.2	44.2	41.7	48.3	48.8	50.8	52.2	51.4	50.6	52.3	49.2	48.4	52.2	52.4	53.0	47.9	44.8	47.9	46.6	49.5	45.2	41.7	56.8	49.9
7	42.5	42.4	39.0	30.3	28.4	27.7	25.2	20.4	15.7	17.3	19.1	13.3	13.1	13.9	21.9	12.4	12.0	9.1	32.8	33.8	36.4	34.0	32.6	32.2	9.1	42.5	25.2
8	33.0	30.5	30.3	26.0	24.6	22.4	21.9	16.7	7.3	11.0	18.0	19.4	19.4	18.3	17.3	14.3	12.1	31.2	35.7	37.0	37.7	33.2	32.3	32.6	7.3	37.7	24.2
9	32.7	33.7	34.7	29.6	28.1	25.9	24.8	19.8	12.4	9.6	12.9	16.0	19.9	13.9	14.4	12.8	28.1	28.3	31.6	31.0	32.5	28.4	28.4	28.7	9.6	34.7	24.1
10	25.4	15.3	12.1	10.3	9.6	8.0	5.1	3.9	8.4	11.4	12.3	12.7	16.5	19.5	18.0	19.9	20.9	17.1	13.6	22.6	25.6	29.7	27.9	19.5	3.9	29.7	16.1
11	20.0	13.5	11.9	12.2	14.4	16.9	13.5	8.2	10.4	11.3	11.8	13.0	15.9	15.6	15.0	28.6	29.5	32.4	32.4	33.8	32.2	33.6	35.2	25.5	8.2	35.2	20.3
12	21.3	18.5	16.1	16.9	10.8	12.2	9.5	4.5	9.4	11.8	16.9	16.4	17.2	17.0	17.5	16.1	17.1	16.3	11.6	9.1	10.5	15.7	15.4	15.2	4.5	21.3	14.3
13	14.0	11.1	10.6	9.0	11.6	8.7	6.8	3.9	10.4	11.0	12.1	11.9	16.4	16.2	14.8	16.1	18.3	13.1	10.4	20.3	22.8	28.2	22.6	27.8	3.9	28.2	14.5
14	26.7	20.1	15.5	12.5	13.7	11.3	11.3	11.0	8.4	12.8	12.8	14.3	19.0	17.8	18.9	18.6	33.3	35.7	37.8	40.0	40.0	43.3	39.0	36.2	8.4	43.3	22.9
15	36.4	37.6	37.0	40.8	33.8	33.9	33.8	21.4	15.1	12.4	32.9	35.8	34.2	37.9	38.4	41.3	43.8	44.1	45.2	45.8	41.1	39.5	43.5	44.5	12.4	45.8	36.3
16	45.4	47.1	47.9	42.1	40.6	37.7	21.9	23.1	29.7	33.5	33.4	37.4	34.8	34.5	41.2	37.8	45.2	47.7	47.1	45.3	45.9	42.8	38.6	35.2	21.9	47.9	39.0
17	31.7	13.4	8.5	12.7	15.2	25.4	26.8	25.5	26.0	20.1	12.7	43.4	38.8	40.3	41.1	47.3	44.3	47.5	47.1	45.2	48.6	44.6	44.9	38.4	8.5	48.6	32.9
18	34.1	33.0	33.0	31.1	31.6	29.7	14.2	14.3	16.3	17.0	13.8	21.2	25.7	32.4	36.5	35.9	38.8	38.2	39.9	46.2	48.1	40.8	37.3	35.4	13.8	48.1	31.0
19	33.9	36.7	24.3	12.9	12.9	11.9	5.5	8.0	12.6	14.3	15.9	15.8	16.0	14.5	13.6	27.5	29.3	37.6	37.0	31.3	32.2	40.1	34.7	30.2	5.5	40.1	22.8
20	30.0	21.4	31.3	30.0	22.9	27.8	6.6	13.0	13.8	28.7	24.8	36.5	36.1	41.4	39.8	40.5	40.3	42.7	41.5	42.0	41.8	36.9	34.8	32.0	6.6	42.7	31.5
21	32.5	32.1	31.6	31.1	29.8	29.2	31.0	31.4	31.9	30.0	29.1	30.7	30.0	32.9	34.5	35.2	37.3	40.3	43.8	41.9	40.2	39.7	35.0	34.1	29.1	43.8	34.0
22	32.7	32.3	31.3	25.8	27.5	26.0	20.2	14.2	17.3	18.5	17.0	11.8	12.5	14.5	18.6	15.6	31.5	30.4	29.5	33.5	33.9	30.1	26.6	24.6	11.8	33.9	24.0
23	14.3	12.3	14.8	9.4	9.7	8.8	14.9	14.8	14.8	13.4	14.8	14.3	16.4	17.0	15.0	20.2	27.0	36.6	36.2	38.9	38.4	35.7	33.3	33.4	8.8	38.9	21.0
24	32.2	28.4	25.1	20.1	17.8	18.4	7.0	8.6	9.1	11.0	12.1	12.6	11.5	31.6	35.7	38.7	44.1	39.5	45.4	43.8	44.4	48.1	47.9	40.5	7.0	48.1	28.1
25	26.7	32.4	32.4	30.2	17.5	15.9	10.7	12.7	14.0	13.2	12.4	11.4	10.7	25.8	24.4	24.9	33.1	36.1	36.2	35.5	38.4	37.6	33.3	32.7	10.7	38.4	24.9
26	33.8	30.3	31.9	33.3	24.8	29.5	29.2	24.5	20.8	14.3	25.0	22.2	25.4	31.8	33.8	30.1	37.2	37.8	39.1	39.7	40.8	42.3	44.1	44.3	14.3	44.3	31.9
27	38.5	31.4	34.9	33.0	23.6	29.5	20.6	24.3	21.7	12.7	10.7	15.0	25.3	26.5	25.6	27.3	32.2	41.9	44.1	43.3	41.2	41.9	39.2	35.6	10.7	44.1	30.0
28	38.1	34.3	30.3	28.8	20.0	33.0	30.6	28.9	26.5	20.3	20.1	24.0	27.8	29.1	31.0	33.3	35.4	37.5	40.2	45.5	43.5	43.7	40.3	38.3	20.0	45.5	32.5
29	29.2	22.2	23.8	29.4	23.8	29.6	23.5	11.2	10.6	7.4	11.2	12.0	13.7	14.3	25.8	24.7	30.5	37.5	33.4	35.2	37.5	38.2	41.3	38.3	7.4	41.3	25.2
30	32.5	30.4	29.2	28.4	29.5	26.2	7.0	6.6	8.7	10.2	11.3	12.1	12.1	20.9	28.4	32.7	35.1	39.0	37.8	43.8	40.2	41.1	36.8	32.4	6.6	43.8	26.3
Min	14.0	11.1	8.5	9.0	7.2	5.9	5.1	3.9	7.3	7.4	10.7	11.3	10.7	12.1	13.6	12.4	12.0	9.1	10.4	9.1	10.5	15.7	15.4	15.2	3.9		
Max	56.3	56.8	55.0	51.2	44.2	41.7	48.3	48.8	50.8	52.2	51.4	50.6	52.3	50.5	50.6	52.2	52.4	53.0	55.1	48.2	48.6	48.1	49.5	56.2		56.8	
Avg	32.0	29.0	27.9	25.8	22.7	23.5	18.9	16.6	16.4	16.9	19.0	21.3	22.7	25.6	27.6	29.3	33.1	35.2	36.8	37.7	37.7	37.1	35.7	34.0			27.6

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: June
Year: 2007
Time Zone: PST

Validation Level: B
Printout Date: 01-22-2008
Printout Time: 14:44:40
Output File Name: WWWB0607.7

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