

White Water Wash Meteorological Data

November 2009

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: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-07-2009
Printout Time: 10:58:32
Output File Name: WWWB1109.9

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	8.1	7.9	9.4	6.6	8.3	7.8	9.2	4.8	1.9	1.4	3.4	5.0	6.1	6.6	6.7	6.5	4.2	3.0	6.6	8.4	8.8	8.1	8.1	8.3	1.4	9.4	6.5
2	8.5	8.1	8.5	8.6	8.6	9.3	8.5	7.0	3.1	2.2	4.6	5.6	7.3	7.8	6.3	5.4	3.1	3.9	6.0	8.7	9.4	8.2	8.1	8.6	2.2	9.4	6.9
3	8.7	9.6	9.0	8.1	8.9	8.6	7.0	6.6	4.1	2.1	5.1	6.5	7.3	7.2	7.0	5.5	3.7	4.9	6.9	7.9	8.1	8.0	8.5	7.1	2.1	9.6	6.9
4	7.4	9.7	7.6	8.1	7.8	8.5	7.8	6.3	3.7	2.1	5.5	8.0	9.2	8.1	8.5	6.3	4.9	1.4	5.8	9.4	8.2	6.9	6.8	9.9	1.4	9.9	7.0
5	9.8	7.9	8.9	7.9	8.2	8.6	8.8	5.0	1.8	3.8	4.1	5.0	6.0	6.1	6.1	4.3	6.8	8.2	11.3	7.7	10.5	17.2	9.5	15.1	1.8	17.2	7.9
6	14.9	15.3	17.1	19.9	16.0	12.3	7.9	4.7	6.9	3.7	2.2	2.4	2.6	10.9	13.2	14.4	17.3	18.0	17.7	13.4	14.4	14.0	14.7	12.4	2.2	19.9	11.9
7	16.5	14.3	13.4	11.7	9.7	9.1	7.9	9.3	5.1	4.0	3.3	4.9	4.3	5.3	4.2	4.4	4.0	10.6	12.1	12.6	17.6	18.4	13.6	12.1	3.3	18.4	9.5
8	9.3	4.8	5.8	7.2	5.5	7.0	6.7	5.2	4.3	2.1	4.7	5.1	6.9	6.9	7.7	7.9	5.4	3.4	4.8	7.4	7.7	8.1	6.8	7.8	2.1	9.3	6.2
9	7.5	7.1	7.2	8.6	7.7	8.4	8.1	5.9	3.7	2.1	1.8	3.2	6.8	7.5	8.4	6.6	2.8	3.4	5.5	7.2	8.2	6.6	7.7	7.2	1.8	8.6	6.2
10	7.5	9.2	7.4	8.7	8.4	8.1	8.3	6.2	5.3	2.4	2.3	3.8	6.5	6.2	5.0	4.3	2.8	3.8	5.8	8.5	7.9	5.6	7.1	6.2	2.3	9.2	6.1
11	6.9	8.0	7.2	6.2	7.3	7.1	7.0	5.3	2.5	2.4	0.9	2.6	4.3	6.4	6.3	5.5	5.5	3.1	3.0	3.2	3.2	3.7	4.1	3.0	0.9	8.0	4.8
12	2.3	3.0	4.7	4.6	3.2	3.9	3.6	2.4	1.3	3.4	5.1	7.7	8.2	6.3	4.8	6.4	17.3	16.5	17.6	19.2	22.0	19.6	17.1	22.1	1.3	22.1	9.3
13	19.4	17.1	19.4	11.2	11.9	12.3	11.1	10.3	4.2	10.4	15.1	17.2	14.6	16.4	13.8	17.8	16.9	20.5	17.6	20.3	23.3	20.7	20.0	19.7	4.2	23.3	15.9
14	18.7	19.3	17.0	17.7	16.3	18.5	19.6	19.7	18.0	17.5	19.4	17.6	16.3	15.4	14.5	15.0	14.7	15.3	17.7	17.1	15.9	15.8	13.3	8.9	8.9	19.7	16.6
15	8.4	8.9	10.4	11.8	11.2	9.6	10.4	11.0	9.0	6.6	7.1	7.6	6.2	5.3	4.3	2.1	3.0	3.3	5.4	5.7	6.1	7.1	5.3	6.4	2.1	11.8	7.2
16	7.1	7.3	6.7	6.8	6.3	6.3	7.7	5.4	3.5	1.5	2.6	4.7	4.9	4.3	4.0	3.6	2.6	4.0	6.6	7.7	8.3	7.5	8.7	8.1	1.5	8.7	5.7
17	7.3	7.8	7.0	6.9	7.1	5.7	7.2	4.5	1.9	3.0	4.0	5.5	6.0	5.4	6.0	4.9	2.5	2.7	6.1	8.9	8.1	7.6	7.6	9.4	1.9	9.4	6.0
18	8.5	10.6	9.3	7.1	10.1	9.8	8.8	8.3	3.6	2.9	4.6	6.3	8.9	9.1	8.1	6.8	5.1	5.0	4.2	10.2	10.5	8.0	9.1	7.6	2.9	10.6	7.6
19	9.0	7.2	8.5	7.7	8.2	8.5	8.7	7.3	2.7	2.4	3.2	3.9	3.4	4.5	3.9	6.3	3.7	3.0	6.2	5.2	7.7	5.9	6.3	7.7	2.4	9.0	5.9
20	9.0	8.3	9.8	8.2	7.7	8.1	7.6	6.8	4.2	1.3	2.8	4.8	6.9	9.5	9.9	8.2	5.9	4.1	5.3	6.1	5.0	5.4	4.7	5.6	1.3	9.9	6.5
21	4.7	3.7	4.0	4.4	10.0	12.2	10.1	8.5	12.6	20.8	21.7	16.7	13.4	10.9	11.4	13.7	12.2	12.1	11.2	9.7	7.9	6.2	7.2	7.2	3.7	21.7	10.5
22	7.5	5.9	7.1	7.5	8.4	5.9	9.2	5.8	5.7	2.2	1.8	3.0	5.2	4.4	5.7	5.8	4.3	2.9	5.9	6.1	7.3	7.2	8.1	8.6	1.8	9.2	5.9
23	7.3	5.7	6.9	6.7	8.1	6.5	5.1	8.4	8.0	8.5	10.8	11.3	11.8	11.0	11.0	9.8	12.6	12.4	9.9	8.6	9.6	10.4	13.0	10.7	5.1	13.0	9.3
24	7.6	4.7	8.6	8.4	8.1	8.9	9.0	6.2	8.8	11.4	10.8	6.4	6.2	4.0	4.7	7.6	4.4	5.8	6.1	5.0	5.5	5.5	6.0	7.6	4.0	11.4	7.0
25	7.9	8.5	6.2	5.9	6.3	6.1	4.4	3.9	3.0	2.8	7.2	4.8	3.3	4.4	2.8	4.2	6.6	7.8	6.0	4.7	5.4	6.8	5.2	5.4	2.8	8.5	5.4
26	7.3	7.7	5.4	6.6	6.4	6.6	6.1	6.6	2.4	2.0	2.4	3.8	3.3	3.8	3.0	3.3	3.1	6.0	8.3	7.9	10.5	6.8	7.5	8.2	2.0	10.5	5.6
27	8.7	7.8	7.9	9.5	8.9	8.6	8.6	7.8	4.4	2.6	2.7	6.2	8.0	8.0	8.9	8.0	4.9	2.7	4.1	5.0	12.3	22.2	23.0	17.6	2.6	23.0	8.7
28	7.8	7.8	5.5	8.1	7.6	12.8	5.7	6.6	12.8	8.2	4.0	5.6	6.3	8.9	8.0	12.6	8.9	7.6	6.9	4.3	5.8	6.1	6.9	7.6	4.0	12.8	7.6
29	4.5	5.1	4.6	5.8	3.6	7.9	14.3	13.0	7.4	2.6	3.5	9.9	9.9	13.8	10.4	7.4	7.6	7.7	4.4	7.3	8.1	5.8	6.4	4.8	2.6	14.3	7.3
30	4.8	3.1	4.5	7.3	7.6	9.2	10.0	3.7	3.2	5.1	8.0	6.6	9.3	8.6	4.4	6.6	8.7	8.9	5.6	6.1	3.5	8.0	8.2	9.2	3.1	10.0	6.7
Min	2.3	3.0	4.0	4.4	3.2	3.9	3.6	2.4	1.3	1.3	0.9	2.4	2.6	3.8	2.8	2.1	2.5	1.4	3.0	3.2	3.2	3.7	4.1	3.0	0.9		
Max	19.4	19.3	19.4	19.9	16.3	18.5	19.6	19.7	18.0	20.8	21.7	17.6	16.3	16.4	14.5	17.8	17.3	20.5	17.7	20.3	23.3	22.2	23.0	22.1		23.3	
Avg	8.8	8.4	8.5	8.5	8.5	8.7	8.5	7.1	5.3	4.8	5.8	6.7	7.3	7.8	7.3	7.4	6.9	7.1	8.0	8.6	9.6	9.6	9.3	9.3			7.8

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 1.2

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

Site: White Water Wash (data subject to change)
 Month: November
 Year: 2009
 Time Zone: PST

Validation Level: B
 Printout Date: 12-07-2009
 Printout Time: 10:58:32
 Output File Name: WWWB1109.10

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	336	344	345	345	350	340	357	333	344	203	152	157	150	134	143	137	167	334	350	338	352	342	335	348	[NNW]
2	333	338	341	337	344	351	340	323	329	191	146	149	143	128	134	156	168	317	349	337	352	335	348	341	[NNW]
3	338	351	343	332	338	345	338	325	352	253	156	153	147	149	136	132	184	331	347	0	333	347	349	333	[NNW]
4	333	350	339	335	340	344	334	338	339	208	135	131	131	132	131	139	127	235	342	14	318	325	348	355	[NNW]
5	359	351	349	342	348	350	355	337	229	129	155	162	169	151	160	113	279	293	301	316	302	300	330	311	[NNW]
6	306	311	304	316	318	317	331	264	263	202	153	199	2	313	310	306	305	303	306	315	315	313	314	319	[NW]
7	316	308	320	326	355	354	336	292	227	195	176	170	164	153	174	157	125	288	293	313	314	307	299	325	[NW]
8	335	341	318	341	341	342	346	346	349	277	167	155	140	144	137	127	143	120	350	349	351	342	334	336	[NNW]
9	329	336	327	338	333	338	334	341	333	334	313	160	145	137	134	142	146	343	343	329	349	334	338	335	[NNW]
10	344	350	326	332	342	334	330	322	327	301	195	149	153	152	147	140	169	330	347	338	345	341	349	341	[NNW]
11	336	342	343	342	338	337	334	341	346	304	104	162	152	155	168	152	134	242	299	6	342	327	17	357	[NNW]
12	15	344	17	352	42	113	218	300	251	184	158	142	147	142	185	331	312	311	305	306	301	304	303	298	[WNW]
13	300	298	296	308	333	311	309	291	276	287	298	297	302	296	300	312	312	310	306	306	301	302	301	300	[WNW]
14	300	306	316	318	326	304	312	310	306	303	303	305	302	307	304	301	312	307	305	305	310	306	309	345	[NW]
15	341	347	336	317	313	320	314	336	13	34	28	26	66	130	154	148	23	359	335	314	344	356	331	333	[NNW]
16	338	347	332	344	329	342	343	348	335	319	180	137	137	155	155	167	158	329	357	336	336	342	339	345	[NNW]
17	350	341	331	335	325	324	336	338	268	149	141	145	138	141	150	159	171	327	356	348	343	333	341	1	[NNW]
18	358	354	348	348	349	348	350	352	333	168	143	139	144	141	132	138	149	148	277	312	307	342	347	352	[NNW]
19	2	355	359	334	337	330	336	337	319	299	301	299	247	285	190	201	299	339	341	323	352	330	331	343	[NNW]
20	327	344	341	339	331	338	336	331	318	250	163	149	142	148	146	146	159	122	3	7	333	22	341	342	[NNW]
21	356	2	347	2	264	289	279	276	295	303	295	297	296	296	299	298	303	315	329	314	313	5	358	342	[WNW]
22	341	347	350	340	344	333	359	345	327	284	194	184	154	130	159	137	147	133	5	359	3	4	358	351	[N]
23	345	346	346	347	330	1	349	354	19	14	32	27	23	22	16	22	20	349	312	328	350	350	17	352	[NNE]
24	356	321	335	327	324	10	28	5	17	34	21	29	6	97	89	39	21	18	333	329	341	349	3	356	[N]
25	349	351	351	348	307	329	332	356	329	183	36	4	345	295	86	311	315	13	322	301	338	319	307	309	[NW]
26	339	344	324	322	321	319	330	341	285	249	188	185	161	145	158	151	170	348	337	324	346	330	344	327	[NNW]
27	329	334	332	347	328	348	345	331	332	309	152	141	141	134	132	137	150	203	353	354	338	313	310	295	[NNW]
28	281	52	331	299	63	18	298	336	303	317	312	302	253	299	265	314	335	338	348	328	341	344	347	351	[NNW]
29	353	328	344	328	312	27	2	340	263	322	217	359	20	4	336	326	297	316	286	316	326	312	359	319	[NW]
30	298	276	290	290	355	344	360	172	170	360	30	64	47	29	288	356	18	355	328	313	286	333	351	348	[N]

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

Total Data Records Possible: 720

Total Valid Data Records: 720

Percent Data Recovery: 100.0

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 -940 Calibration
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 -960 Maintenance
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 -971 Local Interference
 -980 Power failure
 -990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2

Validation Level: B
Printout Date: 12-07-2009
Printout Time: 10:58:32
Output File Name: WWWB1109.10t

Processed using: TABLE.EXE version 1.2

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

Site: White Water Wash (data subject to change)
 Month: November
 Year: 2009
 Time Zone: PST

Validation Level: B
 Printout Date: 12-07-2009
 Printout Time: 10:58:32
 Output File Name: WWWB1109.11

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	7.7	7.2	7.0	7.9	10.5	9.7	11.9	9.3	11.8	26.3	23.9	19.3	20.0	17.7	15.0	11.4	9.5	23.1	8.1	4.1	6.4	3.7	3.3	5.6	3.3	26.3	11.7
2	3.8	5.2	5.4	4.2	4.5	6.4	4.0	5.9	10.5	23.1	16.2	18.2	16.0	13.3	15.0	11.4	5.6	29.6	8.6	2.8	6.7	8.2	6.8	5.4	2.8	29.6	9.9
3	5.4	7.1	4.1	5.4	4.8	6.1	6.9	6.2	8.9	28.1	13.8	12.1	13.7	11.4	11.4	12.6	16.5	11.8	7.0	5.9	5.2	5.0	7.9	9.0	4.1	28.1	9.4
4	9.0	4.6	7.2	5.4	6.6	4.8	7.3	6.9	13.4	21.1	13.8	9.8	12.5	13.6	10.5	10.5	8.3	41.5	14.4	5.7	15.4	13.5	7.6	6.7	4.6	41.5	11.3
5	6.6	8.3	7.1	7.2	7.7	7.3	7.4	15.3	16.3	16.1	18.1	23.6	18.4	16.2	17.5	26.5	13.8	14.8	9.2	48.6	8.1	7.4	12.2	8.7	6.6	48.6	14.3
6	12.6	19.3	12.7	9.3	21.8	18.0	13.6	22.8	24.1	32.8	57.0	58.3	36.3	30.3	11.3	8.8	8.2	7.7	7.0	7.9	7.2	7.4	6.9	7.3	6.9	58.3	18.7
7	7.9	15.0	10.6	11.2	9.0	12.4	17.5	12.9	21.0	14.8	23.0	17.8	29.2	21.5	23.9	12.5	27.2	10.8	8.3	7.8	6.5	7.1	8.3	9.8	6.5	29.2	14.4
8	11.4	19.5	16.4	17.0	9.3	7.1	5.0	9.8	11.3	27.0	15.4	19.4	17.9	14.5	12.8	11.9	8.0	41.2	26.0	8.7	6.8	3.9	11.5	5.6	3.9	41.2	14.1
9	6.2	6.1	5.9	7.3	5.8	5.6	5.7	6.5	11.8	14.0	42.7	52.2	17.9	15.9	17.3	12.2	7.8	45.6	5.4	4.3	10.1	5.9	6.4	5.0	4.3	52.2	13.5
10	4.9	4.8	5.8	5.5	4.7	8.3	4.1	4.8	7.1	24.8	32.9	35.1	23.2	20.1	17.7	17.3	7.6	39.6	8.0	7.7	6.4	8.5	8.0	10.3	4.1	39.6	13.2
11	8.1	8.2	7.1	9.6	5.8	5.2	7.5	8.5	13.1	28.0	55.9	33.6	16.8	12.0	12.6	9.7	14.2	57.2	30.7	33.2	52.0	31.5	37.9	38.2	5.2	57.2	22.3
12	27.9	39.7	15.1	19.8	51.7	53.3	31.2	50.9	25.9	19.5	21.0	14.5	15.0	15.1	16.5	25.8	18.0	9.5	8.1	9.1	9.9	10.9	9.7	8.8	8.1	53.3	22.0
13	7.6	11.1	10.7	19.9	11.3	9.5	15.0	26.7	31.8	21.1	12.6	11.3	11.7	11.8	13.1	8.9	10.5	9.6	8.4	7.8	7.7	8.2	7.7	8.4	7.6	31.8	12.6
14	8.1	7.5	8.2	7.5	8.7	8.5	7.6	7.3	8.6	8.7	8.0	9.1	8.8	9.1	9.5	10.4	11.7	7.5	7.0	7.4	6.9	7.1	7.4	13.8	6.9	13.8	8.5
15	12.5	21.3	14.4	6.3	6.9	7.8	6.5	13.8	22.7	44.0	21.9	35.0	30.7	33.7	25.3	28.3	32.7	15.3	12.5	12.4	12.5	9.1	11.9	10.6	6.3	44.0	18.7
16	9.2	6.8	8.9	6.6	10.7	12.0	6.8	9.1	8.9	33.0	61.3	22.9	21.9	25.9	17.1	14.2	19.9	11.1	7.4	5.5	3.8	5.2	6.3	5.2	3.8	61.3	14.1
17	6.0	7.9	6.7	9.3	7.2	10.0	5.5	7.4	13.1	16.6	15.4	17.0	16.6	17.5	12.6	12.6	7.6	34.4	7.2	7.8	8.0	7.8	5.9	6.0	5.5	34.4	11.1
18	7.8	6.4	7.5	7.4	7.2	6.6	8.0	6.9	15.4	30.1	13.6	16.4	11.7	13.5	10.4	9.9	11.8	27.9	34.5	17.2	11.4	12.9	10.4	10.0	6.4	34.5	13.1
19	7.3	9.4	10.9	21.0	14.1	15.9	14.0	12.0	24.6	34.7	51.8	58.0	55.3	34.7	65.5	13.2	17.8	39.0	14.8	18.4	7.0	9.9	10.8	7.3	7.0	65.5	23.6
20	5.3	6.7	7.2	4.5	8.9	5.3	8.9	6.4	7.5	24.6	37.0	22.7	16.9	15.0	12.4	12.2	9.1	28.8	14.6	18.5	18.7	17.5	48.5	30.8	4.5	48.5	16.2
21	21.3	13.9	46.8	44.4	15.7	11.4	16.8	15.9	21.3	10.7	9.4	10.1	15.9	15.0	12.2	7.5	6.7	15.4	9.4	9.5	11.2	10.4	11.6	6.5	6.5	46.8	15.4
22	10.9	9.5	6.0	5.8	10.3	17.0	8.9	14.3	12.9	38.5	43.0	36.2	21.6	23.3	16.1	10.5	8.7	10.6	21.0	21.9	5.5	7.7	8.4	10.1	5.5	43.0	15.8
23	11.4	23.4	14.1	19.0	11.9	20.9	16.8	10.8	9.7	12.3	12.2	14.9	14.9	13.1	10.9	10.1	10.3	12.1	11.6	15.2	20.6	12.6	10.6	19.3	9.7	23.4	14.1
24	18.2	22.3	16.6	13.5	13.8	10.1	9.3	22.9	12.0	10.8	10.8	23.0	27.3	62.2	54.7	12.9	20.0	27.0	10.2	24.9	13.6	17.4	12.0	14.4	9.3	62.2	20.0
25	11.4	10.6	11.1	17.6	23.4	18.7	16.5	48.5	40.5	29.5	42.7	49.5	47.8	43.7	38.8	30.6	10.1	5.0	9.6	18.6	12.2	16.9	25.8	17.0	5.0	49.5	24.8
26	13.8	6.0	10.2	7.8	8.6	8.9	11.8	14.7	19.5	29.0	32.3	20.3	24.2	23.8	26.0	16.4	25.9	7.4	5.9	14.9	5.6	7.7	5.9	5.9	5.6	32.3	14.7
27	5.8	7.6	6.7	8.4	6.0	6.6	7.9	5.8	7.4	16.9	24.2	15.0	15.7	14.1	11.0	12.2	19.4	68.9	26.0	30.3	9.7	9.1	9.2	15.3	5.8	68.9	15.0
28	42.7	20.8	54.6	24.1	37.7	13.6	23.3	13.7	14.2	24.0	25.6	35.9	23.7	24.4	26.2	9.2	12.4	13.4	15.0	35.7	12.5	15.8	18.5	15.9	9.2	54.6	23.0
29	16.3	36.0	37.4	17.3	68.8	44.5	10.3	11.4	21.2	66.3	72.5	22.8	19.4	16.9	16.1	19.3	13.9	11.9	42.3	18.7	14.3	17.6	19.7	32.4	10.3	72.5	27.8
30	56.3	57.9	62.2	24.1	11.8	9.1	13.0	34.8	25.4	46.7	19.8	34.0	19.7	19.1	40.5	34.8	12.5	19.2	39.0	32.4	38.6	11.4	7.9	9.3	7.9	62.2	28.3
Min	3.8	4.6	4.1	4.2	4.5	4.8	4.0	4.8	7.1	8.7	8.0	9.1	8.8	9.1	9.5	7.5	5.6	5.0	5.4	2.8	3.8	3.7	3.3	5.0	2.8		
Max	56.3	57.9	62.2	44.4	68.8	53.3	31.2	50.9	40.5	66.3	72.5	58.3	55.3	62.2	65.5	34.8	32.7	68.9	42.3	48.6	52.0	31.5	48.5	38.2		72.5	
Avg	12.8	14.3	14.8	12.5	14.2	12.7	11.0	14.7	16.4	25.8	28.3	25.6	21.4	20.6	20.0	14.8	13.5	23.2	14.6	15.4	12.0	10.6	12.2	12.0			16.4

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: November
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-07-2009
Printout Time: 10:58:33
Output File Name: WWWB1109.17

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	10.8	11.1	12.1	9.3	11.0	12.4	12.1	6.8	5.6	3.9	6.2	8.9	10.5	10.2	11.4	10.1	7.6	6.8	9.7	10.0	12.6	9.4	9.6	9.9	3.9	12.6	9.5
2	10.5	10.2	10.7	10.8	11.5	12.9	11.3	10.7	4.8	6.2	7.8	11.0	12.0	11.8	10.2	8.0	6.2	7.2	8.1	11.3	11.7	11.9	10.8	11.0	4.8	12.9	9.9
3	10.7	12.3	11.0	10.4	11.8	12.4	10.8	8.6	6.8	7.1	9.1	9.5	10.7	11.1	10.7	8.6	5.6	8.1	11.1	10.0	10.1	11.0	11.2	10.1	5.6	12.4	9.9
4	10.4	11.5	10.1	10.6	10.3	10.2	10.4	9.5	7.0	3.9	9.8	11.4	12.9	12.3	12.9	11.0	7.4	3.5	9.5	13.4	13.1	13.0	10.0	13.8	3.5	13.8	10.3
5	14.2	10.7	13.0	10.2	12.8	12.1	12.4	9.8	5.3	6.3	7.5	11.4	10.7	10.2	9.7	8.9	13.2	16.5	18.5	15.8	22.4	24.7	18.2	27.8	5.3	27.8	13.4
6	29.8	31.2	31.4	33.6	32.0	31.4	17.0	16.4	19.1	8.4	5.9	7.8	8.3	19.4	19.5	24.3	25.9	28.9	27.9	23.0	22.0	20.7	20.1	24.1	5.9	33.6	22.0
7	27.8	24.7	23.2	22.1	14.6	15.6	14.5	15.4	12.7	7.3	6.9	8.6	8.0	9.4	8.6	8.8	12.6	20.2	19.4	19.7	28.4	30.2	21.6	20.5	6.9	30.2	16.7
8	15.5	15.6	13.9	13.1	8.2	9.2	8.0	8.5	5.9	5.0	8.0	9.9	11.1	11.5	11.3	11.7	9.9	6.4	8.2	10.2	9.8	10.0	10.7	11.3	5.0	15.6	10.1
9	9.4	9.0	9.4	11.0	9.0	10.3	11.4	10.0	7.3	4.4	4.5	9.6	12.9	15.6	13.7	10.6	5.4	6.3	7.0	10.1	10.6	8.4	9.4	8.8	4.4	15.6	9.3
10	9.3	11.3	9.2	10.7	11.0	10.4	10.7	8.2	8.0	4.7	6.4	9.4	11.8	12.1	9.4	8.0	4.9	6.4	7.7	11.0	11.0	8.1	9.4	9.3	4.7	12.1	9.1
11	8.4	10.0	10.0	8.8	9.3	9.4	9.4	10.0	4.2	4.9	3.8	5.8	10.3	10.7	9.5	8.6	9.1	6.9	7.4	6.9	8.0	8.1	8.0	7.0	3.8	10.7	8.1
12	8.6	9.4	9.6	9.9	8.3	6.9	5.6	6.6	4.3	8.4	10.4	12.4	14.0	10.4	10.0	20.0	34.2	27.5	34.7	33.7	34.1	35.6	32.6	36.1	4.3	36.1	17.6
13	32.4	30.8	31.9	21.3	21.6	22.3	23.5	24.1	11.2	22.3	25.4	25.2	24.9	28.7	24.0	29.7	28.5	35.1	29.0	31.2	38.1	32.1	31.5	30.4	11.2	38.1	27.3
14	29.2	29.1	28.1	28.8	25.7	28.4	29.7	28.8	27.0	27.0	26.3	26.5	22.0	21.5	22.1	22.5	23.0	26.8	24.7	25.5	23.8	25.1	21.2	15.4	15.4	29.7	25.3
15	11.9	16.6	15.9	17.4	14.3	13.7	13.5	18.1	22.8	20.5	16.4	17.8	13.1	11.6	8.5	9.1	7.1	6.4	9.8	8.9	9.6	10.1	8.2	8.8	6.4	22.8	12.9
16	8.3	9.9	9.4	8.9	9.9	9.5	9.1	8.6	5.3	4.4	8.7	8.8	9.9	9.1	7.3	6.1	3.9	6.6	8.8	9.3	10.0	9.6	12.1	11.9	3.9	12.1	8.6
17	11.5	10.4	9.4	10.3	9.0	8.1	9.9	6.8	3.2	6.2	6.6	9.4	10.4	9.6	10.0	7.9	4.7	5.2	8.1	11.9	10.7	12.6	12.7	11.8	3.2	12.7	9.0
18	12.9	14.0	14.0	11.6	13.7	12.4	12.7	11.5	9.8	6.9	7.9	11.5	15.1	14.1	11.8	9.9	9.3	10.5	10.0	20.6	19.3	13.2	14.5	12.8	6.9	20.6	12.5
19	11.9	10.4	13.1	14.3	13.1	13.6	12.7	11.0	5.6	6.1	12.6	8.0	8.6	9.8	9.4	9.8	7.2	7.2	10.4	7.8	10.4	7.8	8.1	10.2	5.6	14.3	10.0
20	11.0	10.0	12.7	10.4	10.0	10.7	10.4	9.2	7.5	3.3	6.0	10.3	13.0	14.9	15.7	12.9	9.3	9.4	10.4	9.1	9.6	8.6	10.4	12.4	3.3	15.7	10.3
21	8.8	8.4	8.3	13.0	20.2	23.7	19.9	21.7	33.5	31.9	33.6	26.6	22.3	21.0	18.3	20.6	18.7	18.3	17.8	16.7	13.7	9.6	11.8	9.0	8.3	33.6	18.6
22	9.4	8.9	9.1	10.1	13.2	12.4	11.9	12.0	9.8	6.5	4.4	7.8	9.6	9.1	9.1	8.7	7.5	6.1	9.6	9.3	10.7	10.5	11.1	13.9	4.4	13.9	9.6
23	12.5	8.9	10.4	11.3	11.5	10.7	9.7	12.7	14.0	15.2	19.3	21.5	21.5	21.5	21.2	18.5	21.5	23.7	14.3	16.1	19.4	23.9	21.0	20.6	8.9	23.9	16.7
24	21.5	11.5	18.0	15.9	12.8	13.3	15.6	17.2	17.6	18.0	19.1	14.3	14.0	11.9	14.0	14.0	10.1	10.4	9.6	8.4	8.2	10.2	10.3	11.9	8.2	21.5	13.7
25	11.5	11.8	9.7	14.2	9.9	10.8	7.7	9.4	8.7	8.1	15.0	10.8	10.8	10.3	6.9	9.9	8.6	10.4	8.9	8.1	7.0	10.4	9.8	9.0	6.9	15.0	9.9
26	10.6	10.2	7.8	8.6	8.8	9.3	10.2	10.7	6.0	6.6	5.4	6.9	7.5	8.7	9.4	6.1	5.3	9.6	11.5	12.1	12.2	10.1	9.4	10.5	5.3	12.2	8.9
27	11.0	10.4	10.9	12.1	11.8	11.3	11.4	11.4	8.0	5.8	6.4	10.4	12.8	12.4	13.2	12.8	9.1	6.3	12.4	11.6	25.3	37.0	35.2	33.3	5.8	37.0	14.3
28	21.8	20.0	17.8	18.7	16.8	25.5	15.6	13.6	23.8	19.7	8.3	14.6	17.9	18.9	20.4	25.2	18.0	15.5	12.1	7.1	8.5	11.5	12.1	15.3	7.1	25.5	16.6
29	10.5	14.8	12.1	10.9	10.2	21.8	24.6	25.2	16.0	14.0	17.5	24.4	25.1	28.7	22.9	17.3	14.3	16.1	11.0	12.4	16.1	15.1	11.9	19.4	10.2	28.7	17.2
30	13.7	12.5	12.2	15.6	12.9	16.3	18.6	10.9	10.8	17.8	15.7	15.7	21.3	18.2	10.2	15.1	22.6	16.5	12.7	12.1	8.0	12.4	11.5	13.0	8.0	22.6	14.4
Min	8.3	8.4	7.8	8.6	8.2	6.9	5.6	6.6	3.2	3.3	3.8	5.8	7.5	8.7	6.9	6.1	3.9	3.5	7.0	6.9	7.0	7.8	8.0	7.0	3.2		
Max	32.4	31.2	31.9	33.6	32.0	31.4	29.7	28.8	33.5	31.9	33.6	26.6	25.1	28.7	24.0	29.7	34.2	35.1	34.7	33.7	38.1	37.0	35.2	36.1		38.1	
Avg	14.2	13.8	13.8	13.8	13.2	14.2	13.4	12.8	11.1	10.4	11.4	12.9	13.8	14.2	13.0	13.1	12.4	12.8	13.3	13.8	15.1	15.4	14.5	15.3			13.4

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: November
Year: 2009
Time Zone: PST

Validation Level: B
Printout Date: 12-07-2009
Printout Time: 10:58:32
Output File Name: WWWB1109.7

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	13.1	13.4	13.0	13.3	13.3	13.3	13.2	12.9	12.9	13.5	13.1	12.9	13.0	13.1	12.9	13.0	13.0	13.1	13.0	13.0	13.1	13.1	12.9	13.5	13.1
2	13.1	13.9	13.2	13.0	13.2	13.6	13.0	13.0	13.5	13.9	12.9	12.9	13.1	13.0	13.1	13.1	12.9	13.0	13.1	13.0	13.0	13.1	13.4	13.0	12.9	13.9	13.2
3	13.1	13.0	13.1	13.1	13.2	13.1	13.0	12.9	13.1	13.1	13.2	13.0	13.1	13.0	12.9	12.9	13.1	13.0	13.1	13.4	13.0	13.7	13.0	13.0	12.9	13.7	13.1
4	13.8	13.0	13.0	13.3	13.1	13.7	13.0	13.0	13.4	13.0	12.9	13.2	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.8	13.1
5	13.1	13.9	13.1	13.0	13.2	13.1	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.2	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.8	13.9	13.7	12.9	13.9	13.2
6	13.1	13.0	13.4	13.0	13.4	13.0	13.0	13.0	13.0	13.4	13.6	13.4	13.1	12.9	13.1	13.0	13.8	13.1	13.1	13.1	13.9	13.6	13.0	13.1	12.9	13.9	13.2
7	13.1	13.0	13.1	13.1	13.5	13.8	13.0	13.2	13.0	13.1	13.0	13.2	13.2	13.2	13.4	13.0	13.3	13.7	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.8	13.2
8	13.2	13.1	13.1	13.1	13.1	13.0	13.3	13.2	13.1	13.3	13.3	13.0	12.9	13.0	12.9	13.0	13.3	13.1	13.1	13.8	13.1	13.1	13.1	13.1	12.9	13.8	13.2
9	13.2	13.2	13.1	13.1	13.4	13.5	13.4	13.0	13.1	12.9	13.1	13.0	13.0	13.2	13.0	13.2	13.3	13.1	13.1	13.0	13.1	13.1	13.1	13.2	12.9	13.5	13.1
10	13.1	13.2	13.2	13.3	13.1	13.3	12.9	13.1	13.4	13.0	13.1	13.1	13.1	13.0	12.9	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	13.4	13.1
11	13.1	13.1	13.9	13.2	13.0	13.2	13.5	13.1	13.6	13.0	13.3	12.9	12.9	13.1	13.0	12.9	13.9	13.9	13.1	13.0	13.1	13.0	13.1	13.1	12.9	13.9	13.2
12	13.1	13.1	13.2	13.2	13.2	13.1	13.4	13.6	13.0	13.3	13.4	13.8	13.1	13.5	12.9	13.1	12.9	13.2	13.1	13.8	13.1	13.1	13.1	13.1	12.9	13.8	13.2
13	13.2	13.2	13.2	13.0	13.2	13.2	13.1	13.0	13.1	13.6	13.1	13.6	12.9	13.3	13.0	13.0	13.1	13.1	13.2	13.4	13.2	13.1	13.1	13.0	12.9	13.6	13.2
14	13.3	13.2	13.3	13.3	13.3	13.3	12.9	12.9	13.2	13.6	13.5	14.7	12.9	13.3	13.1	13.0	13.3	13.2	13.8	12.9	13.1	13.1	13.1	13.1	12.9	14.7	13.3
15	13.9	13.2	13.3	13.3	13.2	13.4	14.2	13.0	13.0	14.8	12.9	13.3	13.1	13.1	12.9	12.9	13.7	13.1	13.1	13.2	13.2	13.2	14.1	13.1	12.9	14.8	13.3
16	13.0	13.1	15.0	13.6	12.9	13.6	12.9	13.3	13.1	13.0	12.9	12.9	13.2	13.3	12.9	12.9	13.3	13.2	13.1	13.2	13.1	13.2	13.2	13.2	12.9	15.0	13.2
17	13.0	13.3	13.4	13.4	12.9	13.2	13.0	13.0	13.4	13.4	13.4	13.9	13.2	13.1	13.4	13.1	13.0	13.8	13.1	13.1	13.0	13.1	13.1	13.2	12.9	13.9	13.2
18	13.2	13.0	13.3	13.3	13.3	13.2	13.2	13.1	13.4	13.1	13.0	13.3	13.2	13.1	13.1	13.1	13.1	13.1	13.8	13.1	13.1	13.1	13.1	12.9	12.9	13.8	13.2
19	13.2	13.1	13.8	13.3	13.2	13.0	13.8	13.4	13.9	13.1	13.4	12.9	13.2	13.1	13.1	13.1	13.9	13.0	13.3	13.0	13.0	13.1	13.1	13.0	12.9	13.9	13.3
20	13.9	13.2	13.1	13.3	13.3	13.7	13.3	13.8	13.9	13.1	13.4	13.1	13.9	13.1	13.0	12.9	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.2	12.9	13.9	13.3
21	13.1	13.6	13.3	13.2	13.3	13.1	13.2	13.3	13.9	13.8	13.6	13.3	13.3	13.2	13.1	13.9	13.1	13.1	13.1	13.2	13.0	13.1	13.8	13.2	13.0	13.9	13.3
22	13.1	13.2	13.3	13.0	13.0	13.0	13.1	13.4	13.4	13.0	13.3	13.3	13.1	13.4	13.2	13.7	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.2	13.0	13.7	13.2
23	13.1	13.2	13.1	13.2	13.8	13.4	13.6	13.0	12.9	13.4	13.6	12.9	13.0	12.9	13.1	13.0	13.0	13.1	13.0	13.5	13.1	13.1	13.1	13.2	12.9	13.8	13.2
24	13.2	13.1	13.8	13.2	13.2	13.3	13.2	13.3	13.7	13.4	13.1	13.7	13.1	13.2	13.2	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.0	13.8	13.2
25	13.9	13.7	13.1	13.2	13.2	13.3	13.3	13.6	13.2	13.9	13.6	13.3	13.0	13.2	13.1	13.9	13.2	13.1	13.1	13.0	13.1	13.1	13.6	13.1	13.0	13.9	13.3
26	13.6	13.2	13.3	13.8	13.3	13.1	13.0	12.9	13.3	12.9	13.0	13.3	13.2	13.1	13.1	13.0	13.1	13.1	13.1	13.0	13.3	13.0	13.8	13.8	12.9	13.8	13.2
27	13.0	13.3	13.3	13.3	13.0	13.4	13.1	12.9	13.0	12.9	13.3	13.1	13.2	13.1	13.1	12.9	13.1	13.0	13.1	13.1	13.0	13.1	13.1	13.1	12.9	13.4	13.1
28	13.0	13.2	13.2	13.2	13.2	13.2	13.3	13.3	13.1	12.9	13.2	13.4	13.3	13.3	13.4	13.1	13.4	13.4	13.3	13.0	13.4	13.3	13.8	13.7	12.9	13.8	13.3
29	12.9	13.5	12.9	13.3	13.2	13.1	13.2	12.9	12.9	13.4	13.0	13.0	13.2	13.3	13.2	12.9	13.3	13.3	13.2	13.1	13.1	13.1	13.2	13.5	12.9	13.5	13.2
30	13.1	13.2	13.2	13.2	13.2	13.1	13.2	13.3	12.9	13.4	12.9	13.3	13.0	13.0	13.0	13.6	13.4	13.1	13.0	13.0	13.0	13.1	13.1	13.0	12.9	13.6	13.1
Min	12.9	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	13.0	13.0	12.9	13.0	13.0	13.0	12.9	12.9		
Max	13.9	13.9	15.0	13.8	13.8	13.8	14.2	13.8	13.9	14.8	13.6	14.7	13.9	13.5	13.4	13.9	13.9	13.9	13.8	13.8	13.9	13.8	14.1	13.8		15.0	
Avg	13.2	13.2	13.3	13.2	13.2	13.3	13.2	13.1	13.2	13.3	13.2	13.3	13.1	13.1	13.1	13.1	13.2	13.2	13.1	13.1	13.1	13.2	13.3	13.2			13.2

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