

White Water Wash Meteorological Data

April 2011

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: April
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 05-10-2011
Printout Time: 14:48:00
Output File Name: WWWB0411.9

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	7.8	9.1	8.8	7.9	8.4	8.9	7.7	5.4	7.2	2.7	2.1	4.6	6.3	4.3	5.0	16.8	19.4	18.4	17.3	18.1	16.5	21.6	19.7	21.7	2.1	21.7	11.1
2	21.6	15.0	7.3	3.9	6.6	6.6	8.7	19.9	20.4	16.8	17.6	20.2	22.5	20.7	21.1	22.3	28.3	25.5	26.4	28.9	27.1	30.0	31.8	28.8	3.9	31.8	19.9
3	31.9	30.3	33.8	32.8	30.7	30.4	30.5	30.7	29.4	25.4	27.6	28.2	27.8	29.6	31.1	30.7	30.4	29.1	26.4	24.7	23.7	23.6	23.0	22.4	22.4	33.8	28.5
4	20.1	16.8	12.1	7.8	7.9	9.0	10.1	10.0	5.3	3.5	4.1	3.8	4.7	5.2	4.9	3.8	4.1	5.3	4.1	5.8	6.3	7.8	7.1	7.1	3.5	20.1	7.4
5	8.8	6.7	8.1	8.5	7.7	7.5	7.4	5.5	4.3	2.6	6.8	7.4	7.6	5.1	4.3	6.3	5.9	12.0	22.8	22.3	21.7	20.9	22.4	17.9	2.6	22.8	10.4
6	13.6	11.6	14.3	21.9	19.8	16.8	21.5	22.3	18.4	10.9	19.8	11.4	17.9	16.8	12.8	10.8	7.5	3.5	4.3	10.0	12.9	14.1	19.2	22.0	3.5	22.3	14.7
7	23.6	22.0	21.2	27.9	27.7	26.5	23.5	16.2	21.5	16.7	9.8	12.6	12.4	14.6	11.8	10.2	17.7	20.4	12.9	11.4	11.8	12.7	17.7	20.7	9.8	27.9	17.6
8	21.3	17.6	17.0	21.1	15.6	18.6	20.0	17.7	16.4	10.3	11.2	8.8	21.2	17.0	18.7	17.4	15.1	19.3	18.3	21.5	18.8	15.2	12.7	10.4	8.8	21.5	16.7
9	12.7	13.9	14.9	14.5	16.4	15.4	15.0	18.1	19.3	13.7	12.3	17.1	23.4	21.2	20.7	19.8	20.5	21.7	26.5	22.8	23.0	23.2	19.1	17.9	12.3	26.5	18.5
10	19.1	19.6	18.9	16.9	17.7	14.2	13.5	14.7	9.8	5.7	3.0	4.0	6.7	5.9	4.6	5.3	2.7	2.3	4.5	8.1	7.5	11.4	10.4	9.1	2.3	19.6	9.8
11	7.3	8.5	7.3	5.9	7.6	6.4	4.6	4.6	3.2	3.2	5.0	4.6	4.5	4.7	4.6	3.7	2.0	6.8	13.4	15.4	14.9	16.1	16.6	17.9	2.0	17.9	7.9
12	13.7	11.0	13.4	12.2	15.9	16.0	17.9	14.2	15.6	17.1	12.9	9.5	9.6	13.2	20.1	24.4	24.8	26.7	27.2	27.4	27.6	26.1	25.0	25.8	9.5	27.6	18.6
13	27.9	29.6	27.0	28.1	27.3	27.3	27.6	26.3	27.3	27.3	30.7	26.2	29.7	34.4	38.3	37.2	33.4	25.1	28.5	30.9	31.9	29.8	26.3	25.3	25.1	38.3	29.3
14	21.0	18.8	17.4	11.8	10.0	12.7	14.4	11.1	7.6	4.6	3.4	4.2	5.7	5.2	4.9	5.4	5.1	5.3	5.9	5.5	7.1	8.5	6.4	5.3	3.4	21.0	8.6
15	8.0	7.4	7.6	9.2	7.4	7.4	5.9	2.6	1.7	2.5	4.4	5.7	6.6	5.3	6.4	5.5	5.7	5.1	2.8	6.9	6.0	4.8	6.3	7.1	1.7	9.2	5.8
16	6.8	6.6	6.2	6.1	7.0	7.1	5.8	3.9	2.0	1.9	3.3	4.2	6.0	5.9	5.6	5.1	4.5	4.7	3.1	6.1	10.4	9.9	13.9	16.7	1.9	16.7	6.4
17	13.8	13.2	8.0	8.0	9.2	9.2	10.4	14.5	14.6	11.1	15.8	12.6	16.8	17.5	18.4	23.3	27.0	26.1	29.8	29.6	25.3	23.9	25.6	25.4	8.0	29.8	17.9
18	26.4	30.1	27.4	30.1	26.3	19.7	21.5	19.2	19.6	17.1	20.6	30.7	32.0	32.9	35.1	38.5	37.7	33.6	29.0	31.9	33.8	36.0	35.2	28.4	17.1	38.5	28.9
19	27.6	35.0	32.3	32.1	29.5	28.3	28.7	29.3	26.4	22.0	20.1	17.6	20.0	24.0	25.8	27.9	28.8	29.8	26.1	25.0	28.0	27.5	25.7	26.0	17.6	35.0	26.8
20	22.7	22.7	28.0	27.0	25.8	24.4	24.5	25.6	28.2	28.4	17.1	25.1	28.6	28.0	21.3	29.1	32.8	32.8	35.5	32.0	31.5	29.3	32.8	33.8	17.1	35.5	27.8
21	32.7	33.3	26.6	22.8	26.9	21.8	20.5	21.4	26.0	30.1	34.2	35.2	36.0	35.8	35.6	31.4	32.0	29.5	26.2	21.9	24.7	28.8	29.0	31.7	20.5	36.0	28.9
22	34.7	32.3	34.5	31.2	28.5	27.1	28.3	30.3	28.5	22.2	22.2	24.8	28.3	28.3	28.3	28.4	27.6	29.0	30.8	29.1	31.5	31.0	29.7	34.2	22.2	34.7	29.2
23	33.8	29.7	26.6	26.2	28.3	30.9	30.2	29.6	27.6	29.5	31.8	32.9	32.2	33.3	31.4	31.3	31.1	31.0	29.8	28.2	28.0	27.3	30.3	28.0	26.2	33.8	30.0
24	27.5	24.0	22.1	24.2	20.7	22.0	13.1	8.1	20.2	24.1	25.2	29.4	31.0	37.4	36.5	36.2	37.5	39.5	37.6	37.5	37.1	29.9	32.8	30.9	8.1	39.5	28.5
25	30.8	28.2	26.3	25.0	23.8	20.7	21.7	20.7	17.4	15.2	11.6	6.4	6.6	11.6	4.8	13.3	26.7	27.7	34.8	36.9	34.6	34.5	31.7	31.8	4.8	36.9	22.6
26	28.8	30.5	26.4	30.7	28.2	26.8	27.6	28.1	25.6	20.8	14.1	10.5	6.7	8.6	11.8	15.9	20.4	20.0	19.6	21.3	21.3	19.4	16.7	11.7	6.7	30.7	20.5
27	11.2	12.8	5.2	6.4	6.9	7.8	6.0	3.5	2.5	5.5	6.8	6.7	6.7	5.8	5.4	5.7	4.8	5.4	6.0	4.4	5.3	7.1	7.6	7.9	2.5	12.8	6.4
28	8.8	7.0	7.6	6.2	6.6	5.0	4.3	1.9	2.5	6.7	7.8	6.9	4.1	8.1	23.0	24.6	28.7	31.9	28.9	24.9	25.4	25.9	26.2	25.4	1.9	31.9	14.5
29	25.6	25.6	26.3	26.6	24.4	27.6	28.7	28.0	27.2	26.1	26.8	26.1	24.8	26.7	24.0	24.3	25.2	24.2	24.7	23.9	20.9	18.3	13.4	9.4	9.4	28.7	24.1
30	6.7	4.2	9.4	8.5	4.7	4.7	6.3	7.2	10.1	11.5	17.0	17.1	14.3	13.9	14.8	16.4	15.2	14.1	9.4	10.6	7.2	7.1	8.0	7.0	4.2	17.1	10.2
Min	6.7	4.2	5.2	3.9	4.7	4.7	4.3	1.9	1.7	1.9	2.1	3.8	4.1	4.3	4.3	3.7	2.0	2.3	2.8	4.4	5.3	4.8	6.3	5.3	1.7		
Max	34.7	35.0	34.5	32.8	30.7	30.9	30.5	30.7	29.4	30.1	34.2	35.2	36.0	37.4	38.3	38.5	37.7	39.5	37.6	37.5	37.1	36.0	35.2	34.2		39.5	
Avg	19.9	19.1	18.1	18.1	17.5	16.9	16.9	16.4	16.2	14.5	14.8	15.1	16.7	17.4	17.7	19.0	20.1	20.2	20.4	20.8	20.7	20.7	20.8	20.2			18.3

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: Unit Vector Wind Direction
 Units: degrees
 Channel: 10

Site: White Water Wash (data subject to change)
 Month: April
 Year: 2011
 Time Zone: PST

Validation Level: B
 Printout Date: 05-10-2011
 Printout Time: 14:48:02
 Output File Name: WWWB0411.10

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	329	342	344	348	348	345	328	318	293	264	221	154	152	165	226	300	302	302	304	299	300	300	304	295	[WNW]
2	294	283	262	262	257	237	289	299	297	290	297	300	299	300	306	309	299	301	303	300	302	305	309	306	[WNW]
3	305	302	299	295	295	297	295	296	296	298	299	297	299	301	299	300	301	301	306	305	303	304	304	305	[WNW]
4	304	304	324	341	337	317	298	277	295	319	47	14	147	172	165	167	172	147	121	50	347	355	340	328	[NW]
5	339	328	348	346	340	332	344	334	345	205	146	151	156	118	107	141	81	328	302	298	299	306	301	302	[NNW]
6	269	302	295	295	294	310	308	316	352	353	291	275	299	300	305	291	276	212	5	311	304	303	292	293	[WNW]
7	299	295	289	288	296	305	310	288	302	310	318	355	9	329	345	114	304	321	75	55	333	327	327	308	[NW]
8	305	304	306	305	314	301	305	303	305	306	317	301	296	301	305	307	305	306	308	303	298	287	290	279	[NW]
9	308	293	315	304	305	302	304	301	295	298	301	304	307	317	308	305	302	303	299	305	304	305	306	305	[WNW]
10	307	304	307	302	308	321	319	307	308	305	332	167	171	175	153	102	179	141	84	90	336	305	310	319	[NW]
11	341	350	353	332	344	342	341	331	296	177	160	169	139	152	173	161	156	212	296	297	295	301	299	300	[WNW]
12	293	299	323	315	299	303	303	292	288	289	288	280	275	319	308	306	307	304	303	301	298	298	299	298	[WNW]
13	300	299	297	300	296	291	290	288	295	300	296	303	307	307	304	297	298	315	306	304	303	300	298	296	[WNW]
14	293	297	297	324	324	301	304	303	315	331	89	332	186	193	200	351	342	360	12	311	315	305	319	338	[NW]
15	350	323	338	340	335	329	343	317	312	227	189	198	190	208	171	197	196	222	222	310	332	317	328	335	[NNW]
16	344	325	320	324	322	333	337	323	285	195	165	192	168	145	140	158	152	143	107	327	316	291	297	301	[NW]
17	316	313	333	351	345	340	281	294	298	297	298	298	304	307	306	305	305	308	297	299	297	305	303	299	[WNW]
18	293	294	303	309	309	299	301	296	294	297	300	298	294	289	294	295	299	295	291	303	304	303	299	298	[WNW]
19	299	299	299	301	302	299	301	298	300	299	301	302	302	300	300	299	300	300	304	306	299	300	296	297	[WNW]
20	302	302	299	300	297	302	305	309	302	299	289	295	295	302	300	290	297	300	300	303	295	301	295	293	[WNW]
21	293	294	294	285	289	291	289	297	299	300	299	301	298	294	294	298	297	292	294	301	312	291	307	315	[WNW]
22	323	322	312	308	306	299	302	300	297	303	297	294	299	297	299	297	299	300	302	301	292	304	302	302	[WNW]
23	305	301	300	297	310	307	311	314	306	299	298	300	302	299	297	296	295	300	293	300	299	292	288	297	[WNW]
24	297	305	310	310	289	285	311	276	318	306	303	298	296	293	297	303	307	303	299	296	297	303	308	307	[WNW]
25	298	302	297	297	298	299	297	301	303	303	292	294	256	290	136	251	297	304	301	298	298	303	309	312	[WNW]
26	310	306	315	305	300	305	299	296	300	299	302	285	293	292	297	295	292	299	303	306	307	310	319	324	[WNW]
27	308	308	346	356	338	0	359	343	149	146	149	148	148	125	147	138	159	124	115	110	354	5	347	335	[SSE]
28	348	335	330	330	335	333	346	336	172	166	148	140	162	158	304	308	318	319	311	310	306	304	301	299	[NNW]
29	298	299	308	324	321	311	315	310	301	295	299	296	302	303	303	301	299	299	301	302	318	313	312	327	[WNW]
30	306	243	4	20	199	307	350	24	1	35	19	17	19	26	12	20	15	13	1	339	312	0	354	331	[NNE]

Prev [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

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Validation Level:  B
Printout Date:    05-10-2011
Printout Time:    14:48:02
Output File Name: WWWB0411.10t
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Processed using: TABLE.EXE version 1.2

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

Site: White Water Wash (data subject to change)
Month: April
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 05-10-2011
Printout Time: 14:48:03
Output File Name: WWWB0411.11

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	8.2	8.3	9.2	8.3	5.0	5.1	8.5	10.0	9.8	30.1	43.4	29.5	30.3	59.1	34.4	11.0	8.9	8.4	10.3	9.5	9.3	9.6	13.0	10.4	5.0	59.1	16.2
2	10.0	15.7	39.3	39.5	30.9	44.3	22.9	9.4	9.2	10.1	11.9	10.1	10.6	11.1	11.9	15.7	11.4	12.4	11.7	11.8	12.6	10.6	10.6	11.0	9.2	44.3	16.4
3	8.4	9.2	8.9	8.3	9.2	8.4	9.0	9.3	9.3	12.7	11.1	10.5	9.6	9.1	8.1	8.8	8.6	8.5	7.5	7.4	7.8	7.5	7.3	7.2	7.2	12.7	8.8
4	7.4	7.0	14.9	13.1	10.3	11.7	9.5	9.3	19.9	40.5	79.6	57.3	48.5	31.2	36.6	33.2	27.2	11.4	12.0	29.7	13.0	6.0	6.6	7.4	6.0	79.6	22.6
5	6.0	11.6	7.7	4.7	9.6	4.8	8.1	11.0	13.4	38.6	20.8	20.5	20.8	31.8	32.2	23.5	50.6	41.2	8.8	9.4	9.2	12.9	9.7	10.5	4.7	50.6	17.4
6	23.9	18.8	11.9	8.8	9.4	9.1	8.6	8.4	13.7	15.3	11.9	20.1	10.5	7.2	8.8	14.7	31.9	61.3	25.5	13.5	12.7	15.6	14.6	12.9	7.2	61.3	16.2
7	9.8	11.8	10.3	8.5	8.3	10.3	12.8	26.6	14.3	20.8	30.0	35.8	30.1	22.6	49.8	55.3	39.9	23.2	29.6	30.9	37.1	28.4	18.6	23.4	8.3	55.3	24.5
8	15.8	18.4	17.1	11.7	32.8	14.8	10.9	15.4	14.6	43.1	33.9	39.4	11.6	15.8	12.6	14.9	10.0	8.9	10.3	9.1	10.1	12.1	16.0	10.0	8.9	43.1	17.1
9	11.8	10.6	13.0	12.5	8.8	11.5	9.1	9.1	8.9	16.8	26.0	20.7	9.3	9.9	9.3	9.6	9.3	8.7	7.9	8.9	8.8	8.5	8.1	9.8	7.9	26.0	11.1
10	9.3	8.7	9.2	9.1	9.5	10.1	8.4	8.4	12.3	29.7	65.6	48.0	40.7	35.1	51.1	33.5	55.1	40.1	30.6	13.1	15.1	7.7	7.2	8.3	7.2	65.6	23.6
11	8.9	6.3	6.4	8.6	3.7	6.4	6.1	8.5	24.8	37.9	35.3	39.9	38.3	41.0	38.2	55.0	65.2	38.5	8.0	9.4	8.6	8.2	10.1	9.1	3.7	65.2	21.8
12	11.6	13.2	14.4	13.1	10.4	11.5	10.9	15.1	15.4	11.9	21.2	42.2	39.0	23.1	14.2	11.1	9.3	8.9	7.9	8.7	8.8	9.6	10.4	9.8	7.9	42.2	14.6
13	9.3	11.2	12.3	10.7	9.7	10.4	9.2	11.1	9.6	9.3	11.4	12.8	12.2	9.1	7.4	7.9	7.7	10.3	9.8	8.9	8.5	8.2	9.7	8.6	7.4	12.8	9.8
14	9.0	9.0	8.6	24.1	13.9	9.0	8.4	8.3	15.7	34.7	64.8	57.6	41.5	46.2	34.0	49.2	23.8	17.2	6.7	14.6	13.4	10.7	18.3	14.9	6.7	64.8	23.1
15	9.9	8.6	11.4	7.6	12.9	12.2	16.5	30.9	41.0	51.5	58.4	44.5	35.0	46.6	28.9	23.5	15.3	9.3	17.5	9.1	10.0	14.4	14.9	8.9	7.6	58.4	22.4
16	8.6	6.4	5.9	7.7	7.7	8.6	7.4	17.0	28.0	60.1	37.9	37.8	32.2	34.3	37.3	26.4	20.4	10.5	39.7	49.7	16.2	11.5	9.4	8.3	5.9	60.1	22.0
17	9.3	14.0	14.9	16.4	14.1	17.6	19.4	12.8	11.1	17.8	14.0	23.3	16.1	15.2	15.2	12.0	10.4	9.3	8.5	9.1	10.1	10.2	11.5	10.6	8.5	23.3	13.5
18	11.1	9.9	9.9	8.7	11.9	15.0	11.4	11.4	11.1	12.4	10.2	9.2	10.8	9.9	9.3	8.0	7.9	9.1	9.4	8.8	8.0	7.5	7.6	10.1	7.5	15.0	9.9
19	10.1	8.7	9.4	8.5	9.0	8.4	8.8	8.5	8.4	8.7	9.9	12.4	10.6	9.7	8.8	9.6	8.5	9.1	10.6	11.8	9.7	11.1	11.1	8.9	8.4	12.4	9.6
20	10.9	9.8	10.0	8.8	8.6	8.5	8.2	8.7	8.4	8.5	15.7	9.5	10.1	10.1	13.6	8.3	7.5	7.9	6.9	7.8	8.1	8.2	8.4	8.0	6.9	15.7	9.2
21	7.7	8.4	9.7	10.7	9.7	13.8	15.6	14.3	12.8	8.8	8.7	8.8	8.3	8.1	7.8	8.4	8.2	8.2	9.7	9.9	11.0	9.4	9.8	8.7	7.7	15.6	9.9
22	7.0	8.6	7.9	7.9	8.7	9.3	8.8	8.7	8.2	10.1	9.2	9.1	8.7	9.2	8.6	8.5	9.0	8.4	10.0	10.4	9.4	8.2	9.4	7.7	7.0	10.4	8.8
23	7.4	8.1	8.5	9.2	7.6	8.1	7.8	8.0	8.6	8.3	8.3	8.8	8.4	8.0	7.9	8.5	8.0	7.8	7.6	7.4	7.5	8.1	8.4	9.2	7.4	9.2	8.2
24	8.9	11.8	10.7	11.6	11.4	11.4	43.0	59.9	15.0	13.7	12.6	11.1	9.8	8.7	8.3	8.6	8.8	8.9	8.9	8.5	8.9	11.6	8.4	8.9	8.3	59.9	13.7
25	8.4	8.5	8.4	8.0	8.2	7.9	8.8	8.2	8.8	11.1	16.6	35.1	47.6	33.7	34.8	38.3	9.0	9.9	7.8	7.6	7.6	8.4	8.1	8.6	7.6	47.6	15.0
26	9.3	8.9	11.7	9.4	11.2	10.0	9.4	8.2	7.7	9.0	12.8	16.6	38.7	35.8	15.2	11.9	10.1	8.1	8.4	9.2	8.3	8.1	8.0	7.7	7.7	38.7	12.2
27	7.3	7.3	14.7	6.0	4.5	6.7	7.8	18.4	40.9	20.4	22.8	25.8	32.8	36.8	25.2	27.8	25.8	13.5	6.7	26.9	21.5	5.2	6.7	6.7	4.5	40.9	17.4
28	6.1	6.5	9.5	10.9	10.3	11.8	12.9	25.4	55.6	15.4	19.0	27.7	43.6	50.3	11.2	9.1	8.8	8.2	8.5	10.5	12.8	11.0	8.8	9.4	6.1	55.6	16.8
29	8.6	9.3	9.6	10.7	10.9	11.6	9.7	9.7	9.2	9.2	9.2	10.0	10.5	8.7	9.1	9.2	7.9	8.2	8.9	10.9	12.9	12.7	10.1	16.6	7.9	16.6	10.1
30	41.4	59.2	28.1	36.6	49.0	60.0	56.6	32.9	27.2	25.4	15.6	12.8	16.8	15.5	17.4	13.6	14.3	12.8	12.2	9.2	13.4	12.5	13.3	17.3	9.2	60.0	25.5
Min	6.0	6.3	5.9	4.7	3.7	4.8	6.1	8.0	7.7	8.3	8.3	8.8	8.3	7.2	7.4	7.9	7.5	7.8	6.7	7.4	7.5	5.2	6.6	6.7	3.7		
Max	41.4	59.2	39.3	39.5	49.0	60.0	56.6	59.9	55.6	60.1	79.6	57.6	48.5	59.1	51.1	55.3	65.2	61.3	39.7	49.7	37.1	28.4	18.6	23.4		79.6	
Avg	10.7	11.8	12.1	12.0	12.2	12.9	13.1	14.8	16.4	21.4	24.9	24.9	23.1	23.1	20.2	19.2	18.0	14.9	12.3	13.1	11.7	10.5	10.5	10.3			15.6

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

Site: White Water Wash (data subject to change)
Month: April
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 05-10-2011
Printout Time: 14:48:09
Output File Name: WWWB0411.17

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	11.5	12.0	13.5	11.0	11.0	12.3	10.7	13.0	13.9	6.7	7.6	11.7	16.8	10.3	19.4	28.6	29.2	30.4	30.4	28.3	28.1	34.6	36.7	37.1	6.7	37.1	19.4
2	34.8	31.1	25.6	15.6	20.8	18.9	23.4	33.8	35.7	28.0	29.1	33.4	36.1	32.2	37.2	45.7	54.6	49.5	46.5	51.1	47.6	54.6	51.4	46.4	15.6	54.6	36.8
3	48.1	50.6	53.6	49.5	46.5	46.0	47.0	50.2	46.7	44.0	43.9	45.1	45.1	45.5	44.5	46.7	46.1	45.2	41.9	36.0	35.7	35.0	33.9	32.6	32.6	53.6	44.1
4	30.5	25.6	22.9	12.2	11.8	14.8	18.0	15.6	9.9	8.6	13.1	10.3	9.4	11.8	11.5	7.7	8.2	9.5	7.4	9.3	10.2	9.9	9.9	10.7	7.4	30.5	12.9
5	11.5	10.4	9.9	10.9	11.8	10.7	9.6	8.9	6.8	9.4	11.9	14.4	15.7	12.6	11.8	12.1	18.6	33.2	36.0	39.6	33.5	37.4	37.6	28.8	6.8	39.6	18.5
6	30.4	27.6	26.7	35.7	35.0	28.3	35.1	35.2	37.3	21.3	38.2	24.6	31.0	24.8	22.1	21.7	19.6	10.6	10.1	20.1	25.2	23.9	40.3	37.6	10.1	40.3	27.6
7	39.6	39.4	40.1	45.1	46.3	49.7	40.0	35.8	37.7	33.1	25.0	41.4	27.3	33.8	29.1	25.7	42.2	39.5	26.5	29.7	33.6	33.5	50.1	50.6	25.0	50.6	37.3
8	49.8	37.6	44.6	38.4	34.1	37.5	33.8	31.9	31.7	25.1	25.4	22.9	39.2	32.0	42.7	36.2	27.5	35.1	31.9	35.1	34.0	29.8	27.8	24.0	22.9	49.8	33.7
9	22.7	27.5	25.5	30.5	27.0	25.4	23.2	29.7	30.3	22.4	24.1	32.9	34.3	31.9	33.4	32.5	32.4	35.9	43.0	37.5	37.4	38.0	32.4	28.1	22.4	43.0	30.7
10	29.7	30.5	29.5	28.2	31.4	24.0	21.6	23.0	15.8	11.4	9.4	9.9	13.9	12.9	11.5	12.3	7.2	4.9	12.4	15.9	14.2	18.6	17.0	15.2	4.9	31.4	17.5
11	10.2	11.0	9.5	8.8	9.2	8.9	8.1	7.3	5.8	8.5	9.4	10.7	10.1	10.4	10.9	8.0	7.1	20.8	21.2	26.7	25.6	26.4	28.2	29.2	5.8	29.2	13.8
12	25.7	20.4	25.1	22.9	27.5	27.0	30.0	27.1	26.7	28.5	27.6	25.2	27.5	34.3	33.7	36.8	37.8	42.2	42.2	41.4	44.0	44.7	42.0	41.3	20.4	44.7	32.6
13	46.0	50.0	47.9	46.1	44.7	42.9	45.2	42.7	43.2	43.0	48.9	41.9	49.7	55.4	54.4	56.2	49.0	40.7	47.6	49.8	48.9	46.6	40.3	40.5	40.3	56.2	46.7
14	34.6	32.1	26.2	23.6	19.4	19.3	23.2	18.0	13.1	10.7	10.2	11.0	15.3	13.6	11.1	10.6	12.0	9.9	8.4	9.0	13.0	11.8	11.5	10.1	8.4	34.6	15.7
15	10.9	9.8	10.7	11.5	11.0	11.1	9.8	5.8	4.5	6.3	10.3	15.3	12.9	15.1	12.4	10.2	10.1	9.3	7.6	11.0	11.1	6.3	9.9	9.6	4.5	15.3	10.1
16	9.1	8.8	7.7	8.2	8.3	10.2	8.5	6.9	4.2	5.3	7.1	14.0	13.0	12.1	11.6	10.9	9.8	7.4	8.2	14.1	19.2	16.1	24.3	26.7	4.2	26.7	11.3
17	24.2	23.5	17.4	16.4	13.7	15.7	23.8	23.8	24.0	26.4	26.3	26.6	29.5	30.4	32.7	40.5	43.2	40.8	47.5	49.4	41.9	39.0	47.2	42.6	13.7	49.4	31.1
18	43.8	48.9	45.2	45.4	41.9	39.0	37.6	33.5	32.3	27.9	32.8	55.1	50.8	53.0	57.2	56.0	54.8	51.3	48.8	51.4	52.0	53.3	53.6	48.3	27.9	57.2	46.4
19	44.0	54.9	50.3	52.5	47.6	43.2	43.8	44.1	40.7	34.2	32.1	26.3	30.4	38.4	38.7	43.1	43.5	45.2	41.1	40.3	44.7	43.9	46.5	37.8	26.3	54.9	42.0
20	39.0	36.0	46.0	44.3	38.7	37.4	37.3	37.9	45.9	43.7	34.1	38.3	44.9	44.7	36.2	46.0	47.0	48.8	49.3	47.9	46.5	44.6	47.1	50.0	34.1	50.0	43.0
21	49.6	52.1	43.3	40.9	41.7	38.9	39.9	44.0	46.6	48.3	53.9	57.4	54.1	58.5	51.9	46.4	46.5	46.5	41.1	41.0	40.1	45.1	47.4	47.2	38.9	58.5	46.8
22	47.9	47.6	49.6	49.5	42.7	42.9	42.2	46.6	44.1	34.5	37.4	38.0	43.3	46.5	42.8	40.5	43.7	44.4	46.9	49.5	49.2	52.0	47.3	51.9	34.5	52.0	45.0
23	51.6	44.7	41.3	40.5	46.1	47.9	45.4	42.9	41.8	45.4	46.8	49.5	47.3	49.4	46.6	45.1	45.7	44.9	43.5	41.0	38.9	42.3	50.3	43.3	38.9	51.6	45.1
24	43.5	41.2	40.3	40.8	37.8	40.2	36.5	28.9	38.6	41.4	39.7	47.5	50.3	56.3	53.4	55.5	56.0	61.5	59.0	58.7	59.1	56.5	49.7	50.0	28.9	61.5	47.6
25	47.8	43.0	39.7	38.7	37.2	31.4	34.9	33.5	26.7	25.5	21.7	18.3	21.0	28.9	11.8	36.4	42.0	53.7	50.3	55.0	51.3	57.4	48.2	51.9	11.8	57.4	37.8
26	46.6	47.5	43.6	50.0	45.5	41.7	40.5	41.1	37.2	31.4	25.1	20.8	15.4	19.2	21.3	24.9	30.1	29.5	32.7	31.5	30.8	28.3	24.4	19.6	15.4	50.0	32.5
27	17.8	21.0	9.1	9.5	9.5	9.4	9.2	6.4	8.0	11.8	16.0	14.5	15.6	14.5	13.4	11.6	10.0	9.5	10.0	8.3	9.7	9.3	12.2	13.4	6.4	21.0	11.7
28	11.0	9.7	10.3	8.8	9.9	8.6	7.5	4.0	7.6	12.1	13.8	14.6	11.2	28.5	37.1	36.8	41.9	50.3	49.1	43.0	47.1	48.6	40.9	39.9	4.0	50.3	24.7
29	40.4	49.7	40.8	42.1	45.5	44.4	44.9	41.6	40.8	38.7	39.3	38.2	39.8	38.1	34.6	34.5	36.8	34.9	38.3	42.5	38.8	30.6	27.9	17.7	17.7	49.7	38.4
30	16.7	15.8	24.1	22.1	16.2	17.7	22.4	18.7	26.2	29.9	31.6	31.9	26.2	27.3	30.5	28.4	27.2	27.6	18.0	20.0	11.0	9.9	11.5	15.3	9.9	31.9	21.9
Min	9.1	8.8	7.7	8.2	8.3	8.6	7.5	4.0	4.2	5.3	7.1	9.9	9.4	10.3	10.9	7.7	7.1	4.9	7.4	8.3	9.7	6.3	9.9	9.6	4.0		
Max	51.6	54.9	53.6	52.5	47.6	49.7	47.0	50.2	46.7	48.3	53.9	57.4	54.1	58.5	57.2	56.2	56.0	61.5	59.0	58.7	59.1	57.4	53.6	51.9		61.5	
Avg	32.3	32.0	30.7	30.0	29.0	28.2	28.4	27.7	27.5	25.4	26.4	28.1	29.2	30.7	30.2	31.6	32.7	33.8	33.2	34.5	34.1	34.3	34.9	33.2			30.8

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: Battery Voltage
Units: volts
Channel: 7

Site: White Water Wash (data subject to change)
Month: April
Year: 2011
Time Zone: PST

Validation Level: B
Printout Date: 05-10-2011
Printout Time: 14:47:58
Output File Name: WWWB0411.7

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	13.7	13.2	13.2	13.2	13.0	13.1	13.3	13.1	13.2	13.1	13.1	12.9	13.0	13.2	13.0	13.4	13.6	13.6	13.0	12.9	13.1	13.0	13.0	12.9	13.7	13.2
2	13.0	13.0	13.0	13.4	13.1	13.0	13.1	13.1	13.2	13.1	13.1	13.2	13.1	13.0	13.1	12.9	13.1	13.1	13.5	13.1	13.0	13.0	13.7	13.3	12.9	13.7	13.1
3	13.1	13.3	13.9	13.1	14.2	13.1	13.0	13.3	13.1	14.1	12.9	12.9	13.0	13.0	13.0	13.0	13.7	13.0	13.0	12.9	13.2	14.6	13.8	13.0	12.9	14.6	13.3
4	13.4	14.8	13.1	13.4	13.9	12.9	13.0	12.9	12.9	13.0	13.6	13.0	13.6	13.3	13.2	13.0	13.1	13.1	13.3	13.1	13.2	13.1	13.0	13.1	12.9	14.8	13.3
5	13.8	13.0	13.0	12.9	13.0	13.4	13.1	12.9	13.4	13.0	13.3	13.2	13.0	13.1	13.1	13.1	13.2	13.1	13.6	13.1	13.1	13.2	13.1	13.1	12.9	13.8	13.2
6	13.6	13.2	12.9	13.4	13.2	13.3	13.4	13.1	13.4	13.0	13.4	13.4	13.2	13.7	13.8	13.9	13.4	13.3	13.7	13.4	13.3	13.3	14.9	13.1	12.9	14.9	13.4
7	13.4	12.9	13.0	13.0	13.8	13.0	12.9	13.1	12.9	13.1	12.9	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.3	13.3	13.4	13.1	12.9	13.0	12.9	13.8	13.1
8	12.9	13.0	13.0	13.5	13.1	14.8	13.0	13.0	13.4	12.9	13.1	13.1	13.4	13.3	12.9	12.9	13.0	13.5	13.0	13.4	13.2	12.9	13.3	13.1	12.9	14.8	13.2
9	13.1	15.5	12.9	13.4	14.8	12.9	13.4	12.9	13.0	13.1	13.6	12.9	13.2	13.0	13.0	13.2	13.0	13.5	13.1	13.1	13.5	13.2	13.0	13.6	12.9	15.5	13.3
10	13.3	13.3	13.1	13.6	13.0	13.0	13.0	13.1	12.9	12.9	13.3	13.2	13.1	12.9	13.0	13.0	13.0	13.3	13.2	13.2	13.2	13.2	13.2	13.1	12.9	13.6	13.1
11	13.5	13.5	13.6	13.0	12.9	13.0	13.0	13.4	13.4	12.9	13.1	12.9	13.1	13.0	13.9	13.2	13.0	13.1	14.2	13.1	13.1	13.0	13.0	13.2	12.9	14.2	13.2
12	13.6	13.2	13.3	13.2	14.5	13.5	13.1	13.0	13.0	13.3	12.9	13.0	13.4	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.3	12.9	14.5	13.2
13	13.1	13.3	13.5	13.2	13.3	12.9	13.0	13.0	13.1	13.1	13.1	12.9	12.9	12.9	12.9	13.0	14.6	13.3	13.0	12.9	13.2	14.5	13.0	13.9	12.9	14.6	13.2
14	13.1	13.5	13.0	13.0	13.0	12.9	13.0	13.4	13.0	13.0	13.5	13.6	12.9	13.0	13.2	13.1	13.1	13.9	14.4	13.0	13.1	12.9	13.1	13.0	12.9	14.4	13.2
15	13.3	13.2	13.2	13.4	13.8	13.3	13.0	13.1	13.8	13.1	13.3	13.2	13.1	13.1	13.1	13.3	13.0	13.0	13.1	13.0	13.1	13.1	13.1	13.2	13.0	13.8	13.2
16	13.5	13.6	13.6	13.5	13.0	13.0	13.1	12.9	13.0	13.3	13.0	13.1	13.0	13.1	13.1	13.0	13.0	13.1	13.0	13.1	13.0	13.1	13.1	13.1	12.9	13.6	13.1
17	13.1	13.1	13.1	13.3	13.1	13.2	13.1	13.2	13.1	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.0	13.0	13.1	13.1	13.1	13.1	13.0	13.1	13.0	13.3	13.1
18	13.1	13.2	13.2	13.6	13.2	13.1	13.1	13.2	13.3	13.3	13.3	13.2	13.3	13.2	13.1	13.2	13.1	13.2	13.4	13.3	13.1	13.0	13.5	13.4	13.0	13.6	13.2
19	13.9	13.0	13.1	13.1	13.0	13.3	13.0	13.0	13.1	13.0	13.1	12.9	13.7	13.3	13.7	13.0	13.0	13.2	13.2	14.1	13.0	13.2	13.3	13.0	12.9	14.1	13.2
20	13.3	13.1	13.5	13.1	14.9	13.0	14.3	13.1	12.9	13.5	12.9	12.9	13.3	13.0	13.0	13.2	13.2	13.2	13.2	13.1	13.3	13.4	13.4	13.9	12.9	14.9	13.3
21	13.0	12.9	13.0	12.9	13.0	13.1	13.0	13.7	13.0	12.9	13.3	13.0	13.3	13.9	13.9	13.2	13.0	13.2	13.2	13.6	13.2	13.2	13.2	13.0	12.9	13.9	13.2
22	13.3	13.1	13.4	13.3	13.2	13.1	13.2	12.9	13.1	13.6	13.4	13.0	12.9	12.9	12.9	13.0	12.9	13.2	12.9	13.2	13.2	15.1	13.0	13.2	12.9	15.1	13.2
23	13.6	13.0	14.5	13.4	13.0	13.5	13.2	12.9	12.9	13.2	13.5	13.3	13.2	13.3	12.9	13.0	13.0	13.1	13.0	13.0	12.9	13.3	13.0	13.4	12.9	14.5	13.2
24	13.0	12.9	13.6	13.3	13.2	12.9	12.9	13.9	12.9	13.7	13.3	13.0	13.0	13.0	14.4	12.9	13.0	13.4	12.9	14.5	13.6	12.9	13.3	13.2	12.9	14.5	13.3
25	12.9	13.6	13.8	13.4	13.1	13.5	12.9	13.0	13.0	13.0	12.9	12.9	13.0	13.3	13.2	13.1	13.4	13.2	13.1	13.0	13.2	13.2	13.7	13.2	12.9	13.8	13.2
26	13.0	13.3	13.3	13.3	13.5	13.2	12.9	12.9	12.9	14.4	13.0	12.9	13.3	13.1	13.2	13.1	13.1	13.1	13.0	13.1	13.1	13.0	13.1	13.5	12.9	14.4	13.2
27	13.3	13.3	13.6	13.7	13.3	13.1	12.9	13.0	13.1	13.4	13.3	13.2	13.1	13.1	13.1	13.1	13.1	13.4	13.1	13.1	13.8	13.1	13.2	13.1	12.9	13.8	13.2
28	13.8	13.0	13.1	13.0	13.0	13.3	13.2	13.4	13.3	13.1	13.2	13.1	13.1	13.0	13.9	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.2	12.9	13.9	13.2
29	13.8	13.5	13.0	13.4	13.0	13.5	13.3	13.4	12.9	12.9	13.1	13.3	12.9	13.1	13.1	13.8	13.1	13.2	13.1	14.1	13.0	13.2	13.3	13.3	12.9	14.1	13.3
30	13.2	13.1	15.0	14.4	12.9	13.0	13.0	13.6	13.2	12.9	13.2	13.0	12.9	13.0	12.9	13.1	12.9	13.1	13.0	13.5	13.1	13.0	13.3	13.2	12.9	15.0	13.2
Min	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	12.9	12.9	12.9	12.9	12.9	13.0	12.9		
Max	13.9	15.5	15.0	14.4	14.9	14.8	14.3	13.9	13.8	14.4	13.6	13.6	13.7	13.9	14.4	13.9	14.6	13.9	14.4	14.5	13.8	15.1	14.9	13.9		15.5	
Avg	13.3	13.3	13.3	13.3	13.4	13.2	13.1	13.2	13.1	13.2	13.2	13.1	13.1	13.1	13.2	13.1	13.2	13.2	13.2	13.2	13.2	13.3	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