

White Water Wash Meteorological Data

April 2005

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 9

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

Validation Level: B
Printout Date: 09-30-2005
Printout Time: 10:47:06
Output File Name: WWWB0405.9

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	7.0	7.4	5.7	6.9	7.0	7.9	6.2	2.1	3.3	9.6	8.1	8.7	9.7	8.2	7.4	6.8	5.3	4.1	4.2	6.2	7.9	8.6	5.0	5.8	2.1	9.7	6.6
2	6.6	8.7	8.6	9.2	7.8	9.3	5.5	5.7	3.1	1.9	3.8	6.2	6.2	6.2	4.8	7.2	7.2	6.5	4.0	6.4	12.7	14.4	14.3	9.9	1.9	14.4	7.3
3	15.5	10.4	9.0	6.2	2.9	6.4	6.0	4.2	10.0	5.3	9.4	11.2	19.7	23.0	27.0	27.1	23.0	24.1	23.6	21.0	23.3	28.0	32.4	29.9	2.9	32.4	16.6
4	28.6	25.1	16.0	5.3	5.8	10.7	5.4	6.4	33.9	38.5	34.0	33.6	29.0	28.7	27.1	28.5	24.4	22.1	20.6	20.9	19.5	19.8	19.9	18.0	5.3	38.5	21.7
5	15.1	10.1	5.8	5.8	6.5	6.8	4.9	2.9	2.9	4.9	6.4	5.9	5.0	5.7	5.1	4.2	4.0	2.9	1.1	5.6	8.1	8.4	7.4	5.1	1.1	15.1	5.9
6	5.3	7.0	5.8	6.0	6.2	7.3	4.8	1.7	1.5	5.0	7.9	7.0	8.2	8.0	8.3	6.5	7.5	5.8	3.2	4.3	7.3	9.5	8.8	8.9	1.5	9.5	6.3
7	8.4	5.1	6.1	7.7	7.6	8.9	5.9	3.8	4.3	5.5	8.5	17.4	20.8	21.1	17.1	19.8	26.7	25.0	22.7	15.9	20.7	30.4	24.8	23.8	3.8	30.4	14.9
8	27.7	28.2	34.6	31.9	26.3	26.9	28.0	26.8	22.5	17.2	17.9	18.5	8.5	6.8	12.6	34.1	37.4	34.8	27.8	25.1	12.9	8.7	8.6	21.0	6.8	37.4	22.7
9	22.0	25.7	33.2	28.3	29.5	24.4	23.6	28.3	24.5	29.6	31.5	31.1	28.5	28.9	26.4	27.1	26.1	24.1	22.9	21.8	24.3	23.3	21.5	24.1	21.5	33.2	26.3
10	20.1	21.4	19.7	18.6	13.8	13.3	4.5	6.8	9.8	18.4	16.8	13.2	8.8	6.8	4.8	5.0	2.9	3.3	14.4	17.0	16.8	14.5	9.8	9.7	2.9	21.4	12.1
11	9.7	7.3	7.3	9.5	10.5	11.0	6.9	5.4	4.9	5.3	5.6	5.9	7.0	6.0	3.6	5.0	13.4	13.3	16.9	14.7	14.3	13.6	13.9	13.0	3.6	16.9	9.3
12	11.6	9.8	8.5	8.2	9.1	8.8	7.1	5.4	4.4	4.7	7.2	5.8	7.8	9.1	8.5	7.5	6.1	6.1	4.5	10.5	16.0	16.6	13.2	12.0	4.4	16.6	8.7
13	11.5	10.2	9.2	9.3	9.0	9.5	14.7	17.8	6.4	14.4	9.7	12.0	8.1	13.1	14.1	16.2	21.0	24.9	26.3	27.2	26.2	25.0	23.9	22.4	6.4	27.2	15.9
14	24.1	23.2	22.8	24.2	21.6	18.5	17.5	13.8	9.3	9.1	7.0	6.7	5.3	5.9	7.8	6.7	5.7	8.2	7.2	8.7	10.9	11.6	11.4	8.6	5.3	24.2	12.3
15	4.2	6.0	7.1	6.8	8.0	5.5	3.5	1.1	1.6	3.1	4.1	6.1	6.5	5.4	5.2	6.2	6.4	5.1	4.4	9.2	12.1	7.7	6.7	6.2	1.1	12.1	5.8
16	7.8	7.4	7.7	7.8	7.0	6.6	6.2	3.9	2.3	4.5	8.6	9.5	8.7	9.9	9.9	10.1	8.8	5.9	6.9	15.6	14.7	16.2	16.6	13.9	2.3	16.6	9.0
17	13.2	13.2	12.1	12.4	12.2	11.8	8.6	8.3	9.0	7.8	8.1	6.9	7.7	6.1	12.4	20.4	23.6	22.4	19.7	24.2	24.6	22.9	26.7	30.6	6.1	30.6	15.2
18	30.7	28.6	19.9	20.4	22.1	24.7	25.9	24.0	26.1	24.1	23.0	24.1	26.7	27.9	30.1	35.7	33.5	32.7	33.9	33.9	32.3	32.1	32.4	33.0	19.9	35.7	28.2
19	34.2	32.3	28.1	24.5	24.1	20.8	11.4	16.5	18.7	23.5	24.5	24.2	24.8	22.3	24.3	25.6	25.6	25.0	24.9	25.0	25.1	24.4	26.1	26.1	11.4	34.2	24.3
20	24.3	23.9	24.4	26.9	25.3	19.3	17.5	18.7	13.6	5.0	5.6	5.1	4.5	5.4	7.9	10.9	13.9	16.5	16.8	16.3	17.3	17.9	16.0	14.6	4.5	26.9	15.3
21	10.9	9.5	8.0	7.1	7.3	6.3	5.7	4.2	2.2	3.0	6.9	8.7	7.9	7.9	7.6	8.5	8.6	8.6	6.4	4.7	8.9	8.3	5.8	7.0	2.2	10.9	7.1
22	6.3	8.2	7.4	6.6	6.5	8.1	5.8	4.7	2.7	3.6	3.9	4.6	4.7	5.8	15.8	29.7	29.1	19.9	11.9	14.7	17.6	16.7	12.5	12.9	2.7	29.7	10.8
23	8.3	2.1	2.4	5.2	7.2	7.4	5.9	4.1	2.2	3.2	4.2	4.0	4.9	3.3	5.6	11.5	21.8	28.1	22.4	18.2	25.0	22.8	20.1	20.2	2.1	28.1	10.8
24	14.1	20.0	26.4	27.3	23.7	19.5	18.1	8.6	10.3	10.7	11.1	18.3	15.4	21.7	26.3	21.0	20.3	24.4	25.2	25.3	23.0	25.8	30.5	27.1	8.6	30.5	20.6
25	27.4	28.0	27.3	28.7	23.4	17.6	19.7	22.0	24.1	23.4	20.1	19.3	15.3	17.3	21.2	26.4	28.0	27.8	27.0	26.5	27.6	25.0	24.1	22.3	15.3	28.7	23.7
26	20.9	19.1	20.5	18.0	15.4	17.0	15.4	11.1	3.0	3.0	7.1	11.1	11.2	10.9	9.4	10.5	10.2	6.4	14.9	21.0	21.1	20.2	20.0	21.6	3.0	21.6	14.1
27	21.1	21.2	22.9	26.4	27.3	26.1	25.3	21.4	22.7	26.0	28.5	27.8	29.1	28.4	29.9	26.7	29.1	26.7	27.4	26.6	28.5	23.1	23.8	26.2	21.1	29.9	25.9
28	25.6	24.2	18.5	19.0	8.8	10.5	5.0	3.5	7.6	10.5	5.3	7.3	9.0	18.8	21.1	20.7	21.0	23.7	25.0	22.0	14.9	18.7	14.9	11.9	3.5	25.6	15.3
29	13.1	8.9	14.7	18.5	22.2	20.7	22.7	25.3	23.2	22.1	16.8	22.1	23.1	21.2	24.5	28.1	29.0	27.1	27.3	27.8	23.2	19.4	21.6	20.2	8.9	29.0	21.8
30	20.0	17.3	13.6	15.3	12.7	14.1	13.4	12.0	6.5	3.7	4.2	5.0	4.6	12.0	15.8	17.6	20.3	24.0	24.0	24.6	24.4	24.0	26.4	22.1	3.7	26.4	15.7
Min	4.2	2.1	2.4	5.2	2.9	5.5	3.5	1.1	1.5	1.9	3.8	4.0	4.5	3.3	3.6	4.2	2.9	2.9	1.1	4.3	7.3	7.7	5.0	5.1	1.1		
Max	34.2	32.3	34.6	31.9	29.5	26.9	28.0	28.3	33.9	38.5	34.0	33.6	29.1	28.9	30.1	35.7	37.4	34.8	33.9	33.9	32.3	32.1	32.4	33.0		38.5	
Avg	16.5	15.6	15.1	14.9	13.9	13.5	11.7	10.7	10.6	11.5	11.8	12.9	12.6	13.4	14.7	17.0	18.0	17.6	17.2	18.0	18.7	18.6	18.0	17.6			15.0

Total Data Records Possible: 720
Total Valid Data Records: 720
Percent Data Recovery: 100.0

Missing Data Codes

-910 No data collected - system not set up
-920 Instrument Malfunction
-930 Data Logger Malfunction
-940 Calibration
-950 Audit
-960 Maintenance
-970 Data invalid - Does not meet consistency or an obvious problem
-971 Local Interference
-980 Power failure
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.1

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

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

Validation Level: B
 Printout Date: 09-30-2005
 Printout Time: 10:47:06
 Output File Name: WWWB0405.10

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	353	334	328	331	334	327	328	300	151	138	156	158	161	161	132	138	143	147	301	333	329	330	330	331	[NNW]
2	328	345	327	338	351	333	314	311	299	261	156	150	158	147	141	137	142	127	100	262	300	301	294	276	[NNW]
3	297	278	277	286	273	298	285	238	280	241	271	274	301	304	306	305	308	308	307	306	303	304	304	310	[NW]
4	307	307	291	257	288	291	275	263	317	312	308	303	303	305	306	305	305	302	305	306	307	306	307	311	[NW]
5	307	337	330	331	334	315	339	322	200	149	166	181	207	160	180	188	166	185	140	339	332	353	356	333	[NNW]
6	321	328	310	320	302	331	318	303	209	151	141	154	151	140	134	135	138	130	134	1	355	355	340	352	[SE]
7	359	347	316	342	358	357	348	227	190	151	281	305	306	314	312	312	304	300	300	298	304	302	305	301	[NW]
8	303	317	307	304	312	314	305	299	298	297	295	298	247	189	240	295	300	308	309	311	329	93	318	297	[NW]
9	305	327	314	308	305	308	319	305	301	306	300	299	301	302	304	300	301	299	298	301	304	301	294	295	[WNW]
10	300	301	306	304	305	302	314	282	355	17	21	35	173	228	16	40	232	185	299	309	313	316	333	336	[NW]
11	337	357	354	357	354	350	347	296	202	155	160	158	173	152	198	267	305	305	300	290	294	304	315	318	[NW]
12	322	355	357	2	358	1	358	357	242	173	154	150	141	145	151	140	140	131	80	324	302	301	304	311	[N]
13	319	329	316	340	338	335	323	296	239	294	270	303	316	315	307	308	311	309	306	303	305	302	302	299	[NW]
14	305	312	316	305	309	309	304	303	322	339	327	352	340	357	331	341	328	357	338	314	306	307	302	305	[NW]
15	339	341	342	344	346	331	323	277	240	188	148	176	157	154	159	152	138	132	182	314	322	349	346	342	[NNW]
16	334	331	327	324	329	323	314	312	294	149	151	144	144	144	142	144	143	133	347	302	296	298	300	310	[SE]
17	336	328	329	341	333	333	310	159	129	135	136	134	151	142	294	308	307	310	308	303	305	303	302	301	[NW]
18	300	303	293	298	303	301	300	301	303	302	301	300	301	307	303	300	299	301	301	300	300	297	297	297	[WNW]
19	301	304	302	310	320	318	302	301	317	309	302	299	304	307	310	308	307	306	309	309	311	319	311	310	[NW]
20	320	318	321	312	309	317	318	317	301	296	289	235	236	210	290	299	293	301	304	309	305	302	303	311	[NW]
21	319	332	342	351	337	330	340	348	244	159	162	150	149	148	155	136	144	131	122	92	338	342	347	341	[NNW]
22	328	344	343	337	329	353	340	358	302	162	145	138	125	151	311	301	301	304	343	318	324	318	316	324	[NW]
23	328	278	316	339	352	350	0	331	31	275	183	148	169	182	211	269	309	306	315	290	315	310	303	299	[NW]
24	287	306	306	305	319	316	312	284	310	317	318	307	324	307	309	308	302	322	325	327	325	317	307	299	[NW]
25	304	304	306	301	299	300	302	300	300	302	305	306	306	304	304	301	301	302	301	304	305	305	308	305	[WNW]
26	306	311	312	309	311	305	310	311	280	191	154	150	149	143	144	142	140	114	311	303	301	301	302	301	[NW]
27	298	303	302	304	302	300	300	293	299	300	301	303	304	302	301	303	309	306	297	307	303	299	307	311	[WNW]
28	301	307	312	306	314	306	319	309	307	280	209	357	312	313	312	313	312	320	322	312	280	310	303	310	[NW]
29	305	295	291	300	305	302	306	299	298	300	301	304	302	305	303	303	306	304	301	298	306	313	311	317	[WNW]
30	315	309	325	322	303	306	311	302	304	243	162	140	143	318	306	306	302	304	304	305	309	307	302	310	[NW]

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

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Missing Data Codes

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- 950 Audit
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- 980 Power failure
- 990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.1

Validation Level: B
Printout Date: 09-30-2005
Printout Time: 10:47:06
Output File Name: WWWB0405.10t

Processed using: TABIE.FXF version 1.1

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

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

Validation Level: B
 Printout Date: 09-30-2005
 Printout Time: 10:47:07
 Output File Name: WWWB0405.11

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	12.6	6.7	13.1	8.9	3.5	6.0	6.4	36.1	21.0	13.2	16.7	22.8	18.8	24.0	24.5	19.4	21.5	10.0	20.9	10.1	5.6	7.8	7.1	7.5	3.5	36.1	14.3
2	5.2	7.5	11.6	10.4	8.1	7.6	11.9	8.5	28.6	49.7	39.7	23.3	33.9	27.7	43.5	18.4	11.6	9.1	30.1	25.1	14.4	8.6	8.5	11.9	5.2	49.7	18.9
3	9.8	11.6	10.1	34.5	44.2	31.1	33.3	28.2	22.4	39.0	35.3	28.3	11.9	11.8	13.4	10.9	16.5	11.6	13.0	13.8	9.6	8.1	8.8	14.9	8.1	44.2	19.7
4	9.6	11.4	18.3	51.5	35.0	37.5	42.8	47.2	15.4	8.7	8.7	7.9	8.7	9.1	9.2	8.3	7.9	7.5	7.9	7.3	8.4	7.9	7.7	7.1	7.1	51.5	16.3
5	7.8	9.3	12.1	8.7	9.5	10.4	10.2	20.6	23.3	21.0	23.7	27.3	64.6	40.3	28.2	44.7	30.8	15.5	17.1	27.1	8.2	11.9	7.6	8.4	7.6	64.6	20.3
6	13.4	12.7	10.9	6.2	8.9	9.2	11.7	38.0	30.3	22.5	18.9	22.1	19.6	23.2	16.0	25.9	11.3	9.9	17.9	23.9	7.9	7.6	10.3	7.8	6.2	38.0	16.1
7	7.7	18.3	23.8	12.3	15.8	11.0	21.8	20.3	18.7	19.0	50.1	13.3	13.8	20.1	20.6	33.0	17.0	13.4	16.7	16.9	15.3	10.3	10.1	13.7	7.7	50.1	18.0
8	10.2	8.3	7.3	7.6	8.0	8.1	7.7	8.7	9.5	11.2	13.7	13.1	39.9	29.6	48.3	10.4	7.7	8.2	11.5	15.5	46.6	32.1	30.7	38.0	7.3	48.3	18.0
9	13.9	18.2	7.2	8.2	7.5	8.5	8.9	7.9	9.5	8.2	7.5	8.4	8.9	8.4	8.3	8.2	7.4	7.4	7.5	7.1	7.2	7.5	7.4	7.7	7.1	18.2	8.6
10	8.6	7.9	7.1	6.8	9.6	10.2	57.9	37.0	37.3	13.3	12.6	20.6	65.0	39.6	50.3	39.2	47.5	45.7	14.6	7.3	8.3	7.5	10.3	7.2	6.8	65.0	23.8
11	8.4	12.9	10.2	8.7	8.2	5.9	9.9	16.1	13.3	16.4	26.0	30.8	26.3	35.8	69.4	55.3	13.8	11.3	9.8	9.1	10.3	7.8	6.6	7.2	5.9	69.4	17.9
12	8.6	9.5	9.2	6.8	9.2	6.7	8.0	14.4	21.8	25.6	19.0	32.5	18.9	18.5	21.4	18.4	19.7	10.0	20.2	23.8	7.2	7.2	8.1	10.6	6.7	32.5	14.8
13	9.6	16.2	12.9	16.1	12.7	11.5	12.9	10.8	32.3	12.8	22.6	22.8	36.8	19.5	20.4	14.0	14.2	13.7	9.0	8.6	8.2	7.7	9.1	10.0	7.7	36.8	15.2
14	10.1	10.1	8.5	8.1	7.6	6.9	7.3	8.1	31.3	18.2	32.2	37.3	59.6	64.0	24.8	29.9	20.3	10.1	10.7	6.3	5.8	6.4	5.7	7.7	5.7	64.0	18.2
15	15.9	12.8	5.8	6.3	5.1	7.0	13.3	24.5	53.4	62.8	44.7	27.4	23.7	40.9	44.6	26.1	16.0	8.6	23.5	23.5	9.8	8.0	8.9	6.4	5.1	62.8	21.6
16	3.2	4.5	5.2	3.6	6.5	4.6	6.5	8.8	25.8	32.2	14.6	16.9	18.9	19.7	14.6	12.8	10.8	10.2	29.9	8.2	9.9	7.8	8.7	10.8	3.2	32.2	12.3
17	12.8	8.8	11.2	8.0	8.9	8.2	9.7	18.8	13.8	16.6	17.7	25.4	20.0	31.4	39.7	11.7	9.7	12.9	14.5	10.0	8.6	8.8	8.6	8.6	8.0	39.7	14.4
18	8.2	9.4	14.7	11.6	8.9	8.3	8.9	7.8	7.8	8.5	9.1	9.2	9.3	11.4	10.5	9.1	10.1	11.1	8.8	9.8	9.5	10.1	9.4	9.7	7.8	14.7	9.6
19	9.8	10.1	13.7	11.6	12.9	16.0	33.6	19.7	20.2	16.0	12.9	9.4	10.7	10.6	9.3	8.9	7.8	8.1	8.4	9.4	10.3	8.3	7.7	8.1	7.7	33.6	12.2
20	8.8	8.0	8.2	7.3	7.8	8.0	8.8	9.3	13.5	40.4	39.3	43.5	54.5	58.0	49.8	19.6	11.8	8.9	9.1	8.4	7.1	6.6	6.8	7.6	6.6	58.0	18.8
21	8.2	6.6	5.5	8.5	5.7	6.5	8.1	13.6	40.5	47.2	25.5	21.1	22.9	20.6	18.8	19.0	15.4	11.2	7.6	22.7	8.4	6.5	7.9	9.0	5.5	47.2	15.3
22	17.2	10.0	10.9	8.0	12.8	8.5	7.5	13.1	19.2	26.3	19.3	16.2	31.7	19.5	37.0	7.9	7.8	9.9	11.9	8.8	7.9	7.3	8.0	7.7	7.3	37.0	13.9
23	24.5	33.7	26.6	14.5	6.5	8.1	11.0	18.6	57.0	52.1	40.2	29.8	28.8	29.8	36.9	38.9	15.8	8.0	11.1	26.5	13.1	9.0	11.1	13.0	6.5	57.0	23.5
24	19.6	16.5	10.1	8.5	10.1	12.6	10.0	31.0	25.7	32.3	27.1	17.5	22.0	14.9	13.9	17.7	28.5	14.1	13.1	11.9	15.1	9.3	7.6	8.0	7.6	32.3	16.6
25	7.4	7.5	7.5	7.5	7.5	10.0	9.3	8.9	8.9	8.7	10.2	11.5	13.4	12.2	10.5	8.3	7.5	7.8	7.8	8.2	7.6	8.1	7.4	7.7	7.4	13.4	8.8
26	7.7	7.7	7.1	7.1	7.3	7.0	7.5	10.0	40.0	40.9	20.3	13.5	15.6	16.3	17.7	12.4	11.8	13.9	17.2	8.0	7.6	7.3	7.7	7.5	7.0	40.9	13.3
27	7.6	7.9	7.2	7.6	7.6	7.6	7.9	8.9	10.1	8.9	9.4	11.9	10.6	10.8	10.4	15.2	10.3	9.9	10.4	11.9	9.1	14.3	10.6	9.5	7.2	15.2	9.8
28	9.3	14.4	14.2	11.8	30.2	10.9	18.9	23.8	18.7	30.3	35.8	38.5	37.7	18.2	12.0	14.3	14.9	11.6	9.3	9.1	29.5	12.2	14.0	19.0	9.1	38.5	19.1
29	21.3	38.2	24.2	8.8	8.8	11.3	8.3	8.8	9.4	8.7	13.3	10.9	9.3	10.0	9.1	8.2	8.8	8.2	7.9	8.0	8.3	10.2	8.6	8.4	7.9	38.2	11.5
30	8.9	8.5	8.3	8.7	9.1	7.5	7.4	9.9	29.5	31.5	48.2	50.9	50.9	33.0	17.0	12.6	10.9	9.4	9.2	9.9	11.2	10.4	8.3	12.3	7.4	50.9	17.6
Min	3.2	4.5	5.2	3.6	3.5	4.6	6.4	7.8	7.8	8.2	7.5	7.9	8.7	8.4	8.3	7.9	7.4	7.4	7.5	6.3	5.6	6.4	5.7	6.4	3.2		
Max	24.5	38.2	26.6	51.5	44.2	37.5	57.9	47.2	57.0	62.8	50.1	50.9	65.0	64.0	69.4	55.3	47.5	45.7	30.1	27.1	46.6	32.1	30.7	38.0	69.4		
Avg	10.9	12.2	11.4	11.1	11.4	10.4	14.3	17.9	23.6	24.7	23.8	22.1	26.9	24.3	25.0	19.3	14.8	11.6	13.6	13.2	11.2	9.4	9.3	10.4			16.0

Total Data Records Possible: 720
 Total Valid Data Records: 720
 Percent Data Recovery: 100.0

Missing Data Codes

 -910 No data collected - system not set up
 -920 Instrument Malfunction
 -930 Data Logger Malfunction
 -940 Calibration
 -950 Audit
 -960 Maintenance
 -970 Data invalid - Does not meet consistency or an obvious problem
 -971 Local Interference
 -980 Power failure
 -990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.1

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

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

Validation Level: B
Printout Date: 09-30-2005
Printout Time: 10:47:18
Output File Name: WWWB0405.17

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	9.3	8.8	9.7	8.9	8.3	10.2	9.6	4.0	9.8	16.3	14.9	16.5	17.0	21.3	13.6	12.4	10.6	9.5	6.4	8.8	11.5	12.6	7.2	8.0	4.0	21.3	11.1
2	8.5	11.3	12.2	11.4	11.3	12.2	12.7	7.9	6.0	5.6	11.2	11.4	12.3	13.2	12.7	12.2	12.3	10.2	8.2	14.5	21.7	25.4	27.2	20.0	5.6	27.2	13.0
3	27.5	26.0	18.0	19.8	8.8	14.4	20.5	10.2	18.0	15.3	22.9	27.6	33.2	42.6	43.7	48.4	40.5	44.8	40.4	38.4	39.5	47.0	48.6	53.6	8.8	53.6	31.2
4	48.0	44.9	40.8	12.4	20.8	34.8	17.2	24.8	58.2	58.3	52.3	47.5	40.3	41.9	40.3	46.4	34.6	34.9	34.0	32.7	29.1	29.5	29.1	27.0	12.4	58.3	36.7
5	24.6	17.8	12.3	9.2	10.2	8.5	8.4	5.4	5.7	10.5	13.2	11.1	14.8	13.2	11.2	10.4	8.6	6.6	2.6	9.1	11.4	11.3	10.0	9.5	2.6	24.6	10.7
6	9.7	9.6	9.4	7.3	8.1	10.1	8.0	3.9	4.6	11.3	15.1	14.2	16.6	15.1	17.3	13.7	12.0	9.4	6.6	11.0	11.5	11.5	12.4	14.2	3.9	17.3	11.0
7	11.0	9.1	13.2	15.4	12.2	13.9	12.6	7.2	8.7	9.6	21.9	28.8	35.3	39.1	34.9	45.1	50.6	50.0	39.3	34.3	43.1	48.8	47.5	48.4	7.2	50.6	28.3
8	46.8	46.7	52.0	45.2	42.0	41.4	42.2	41.1	36.5	29.5	30.0	32.4	25.6	14.9	47.5	53.2	54.2	52.8	53.6	45.4	40.3	25.5	30.1	51.1	14.9	54.2	40.8
9	43.2	42.1	53.7	46.4	44.2	41.0	40.5	44.3	42.0	42.2	43.1	45.9	39.4	41.9	37.3	37.6	37.1	35.2	33.0	32.7	33.8	34.1	33.5	35.3	32.7	53.7	40.0
10	32.8	32.0	29.0	27.4	21.5	22.1	13.4	14.4	24.5	30.3	33.8	25.4	23.6	14.3	12.5	13.1	8.4	8.6	27.8	26.0	23.9	23.0	18.8	15.0	8.4	33.8	21.7
11	13.8	10.7	11.0	12.4	15.0	15.6	12.6	10.7	9.2	9.1	11.0	15.6	14.3	15.4	12.6	13.4	22.8	22.6	29.3	24.7	25.4	21.9	19.7	20.0	9.1	29.3	16.2
12	17.9	14.4	13.8	11.7	13.4	13.1	10.8	9.9	11.1	11.0	12.1	10.9	16.9	15.5	14.8	16.1	9.4	9.2	10.3	20.9	24.2	24.9	21.3	22.3	9.2	24.9	14.8
13	22.7	19.9	20.4	18.4	19.4	16.2	31.8	27.8	20.6	25.5	19.2	24.0	19.7	27.3	27.2	29.1	36.2	41.6	43.9	40.7	41.9	38.8	38.3	39.2	16.2	43.9	28.7
14	36.5	39.4	39.5	37.7	31.4	29.1	24.5	20.6	17.0	16.9	14.5	15.6	13.1	15.9	16.6	14.8	11.3	12.9	11.0	13.2	15.3	16.4	16.9	14.0	11.0	39.5	20.6
15	9.1	8.7	8.8	8.2	9.8	8.4	6.1	2.6	5.3	6.9	9.2	14.1	14.0	11.6	10.7	12.2	11.5	8.8	6.7	21.0	20.2	14.0	8.8	9.0	2.6	21.0	10.2
16	10.1	9.1	9.8	9.2	8.4	8.1	7.5	6.4	5.0	9.5	14.7	14.8	14.8	15.9	18.0	15.4	14.0	10.9	18.6	25.9	24.3	24.3	26.8	22.6	5.0	26.8	14.3
17	22.0	20.2	20.7	18.0	18.3	17.7	15.8	19.7	15.4	15.2	14.1	13.7	16.9	12.6	29.3	32.6	36.4	36.4	35.0	38.5	36.8	34.4	40.7	47.9	12.6	47.9	25.3
18	49.3	43.7	37.6	35.4	33.9	42.0	43.1	36.8	40.8	39.8	36.2	38.3	40.7	44.2	46.8	55.4	53.8	55.7	56.5	55.2	55.5	60.2	52.3	55.0	33.9	60.2	46.2
19	53.1	57.9	52.7	43.0	41.5	40.7	33.1	38.8	41.9	44.9	40.0	38.5	40.4	36.1	35.8	36.8	37.1	39.8	39.5	39.2	39.3	35.6	38.9	39.6	33.1	57.9	41.0
20	38.6	35.7	40.6	38.3	39.1	27.9	26.2	27.5	24.0	15.8	13.1	10.7	10.2	14.5	20.5	19.1	23.9	24.5	26.5	24.1	25.9	24.9	23.7	22.1	10.2	40.6	24.9
21	17.9	17.0	11.3	8.8	9.6	8.8	9.2	6.8	5.3	8.8	15.3	19.4	14.9	15.8	16.4	16.1	13.1	13.2	10.2	9.9	14.0	11.9	10.2	9.3	5.3	19.4	12.2
22	8.3	11.2	12.0	9.6	10.1	10.4	10.7	7.0	5.8	7.2	6.7	7.4	10.0	11.5	34.8	46.5	45.4	34.7	21.5	24.3	27.2	25.3	24.8	20.1	5.8	46.5	18.0
23	18.0	5.8	5.8	7.4	9.6	10.0	9.1	7.5	6.8	8.0	9.6	9.6	9.3	7.0	17.5	30.0	39.6	46.0	40.8	38.2	42.2	41.6	37.5	37.4	5.8	46.0	20.6
24	33.4	38.7	44.9	43.5	38.1	32.4	30.8	25.4	27.3	26.7	35.4	37.6	34.8	42.8	49.4	37.8	42.8	40.3	44.3	42.2	40.3	41.3	45.2	45.7	25.4	49.4	38.4
25	39.5	43.8	41.9	40.8	36.4	28.5	34.3	35.4	35.9	34.9	33.0	30.3	29.0	27.5	34.8	37.1	41.7	40.3	40.7	38.6	39.5	39.5	35.7	33.3	27.5	43.8	36.4
26	29.2	28.1	30.0	26.3	23.2	24.7	23.0	20.4	7.3	8.8	15.7	18.8	20.2	17.9	19.2	17.1	16.4	11.5	28.9	31.4	31.7	30.6	30.2	34.2	7.3	34.2	22.7
27	29.7	32.3	37.8	40.4	40.7	37.5	37.5	35.7	36.2	38.4	43.3	43.3	46.3	45.3	52.4	46.0	52.0	44.0	49.7	43.7	45.2	41.7	41.7	44.1	29.7	52.4	41.9
28	46.2	46.8	38.6	37.3	21.3	22.5	12.4	7.5	16.0	22.1	12.8	22.2	33.8	31.8	33.6	34.0	33.4	42.4	41.1	37.7	40.3	32.5	29.6	29.5	7.5	46.8	30.2
29	30.4	24.0	31.5	33.5	38.1	31.9	34.1	39.5	39.5	32.6	30.7	34.1	36.2	33.3	38.1	42.3	42.8	40.1	42.7	43.0	36.3	29.7	32.4	30.5	24.0	43.0	35.3
30	31.4	28.0	21.6	22.5	22.3	21.2	18.3	18.5	14.0	8.0	10.4	11.5	12.7	28.6	27.1	28.9	36.8	38.6	41.3	41.2	40.6	38.1	39.2	36.3	8.0	41.3	26.5
Min	8.3	5.8	5.8	7.3	8.1	8.1	6.1	2.6	4.6	5.6	6.7	7.4	9.3	7.0	10.7	10.4	8.4	6.6	2.6	8.8	11.4	11.3	7.2	8.0	2.6		
Max	53.1	57.9	53.7	46.4	44.2	42.0	43.1	44.3	58.2	58.3	52.3	47.5	46.3	45.3	52.4	55.4	54.2	55.7	56.5	55.2	55.5	60.2	52.3	55.0		60.2	
Avg	27.3	26.1	26.0	23.5	22.2	21.8	20.5	18.9	20.0	20.6	21.8	23.0	23.5	24.3	27.6	29.1	29.6	29.2	29.7	30.2	31.1	29.9	29.3	29.8			25.6

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 1.1

Variable: Battery Voltage
Units: volts
Channel: 7

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

Validation Level: B
Printout Date: 09-30-2005
Printout Time: 10:47:04
Output File Name: WWWB0405.7

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

Total Data Records Possible: 720
Total Valid Data Records: 720
Percent Data Recovery: 100.0

Missing Data Codes

-910 No data collected - system not set up
-920 Instrument Malfunction
-930 Data Logger Malfunction
-940 Calibration
-950 Audit
-960 Maintenance
-970 Data invalid - Does not meet consistency or an obvious problem
-971 Local Interference
-980 Power failure
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.1