

White Water Wash Meteorological Data

November 2006

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: 2006
Time Zone: PST

Validation Level: B
Printout Date: 01-10-2007
Printout Time: 08:10:37
Output File Name: WWWB1106.9

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	17.0	19.5	21.2	17.0	11.2	9.6	9.3	7.1	4.4	2.4	3.3	5.7	6.5	8.1	7.0	5.2	3.5	3.3	6.7	8.1	7.9	8.5	8.8	7.5	2.4	21.2	8.7
2	7.6	7.1	7.9	8.0	9.3	9.6	9.2	8.3	5.0	2.7	2.8	5.8	6.9	8.6	8.5	8.0	6.0	3.7	3.6	5.9	7.0	8.7	9.1	8.1	2.7	9.6	7.0
3	9.6	9.3	8.3	9.1	8.3	9.6	8.8	7.0	10.6	7.0	5.2	4.5	3.6	5.7	5.3	4.1	7.7	15.9	17.1	15.7	15.9	16.0	16.6	14.6	3.6	17.1	9.8
4	13.1	15.9	17.6	17.7	12.2	10.3	7.7	7.2	6.0	7.4	9.0	9.4	10.3	13.4	10.8	10.1	9.9	4.6	3.4	2.7	3.6	3.5	4.1	6.4	2.7	17.7	9.0
5	7.4	7.1	8.0	7.9	8.1	9.2	8.7	5.8	3.6	5.9	7.1	7.5	8.1	7.0	6.7	6.1	6.4	3.1	4.0	5.4	7.5	6.4	8.0	7.1	3.1	9.2	6.8
6	8.9	9.0	9.1	8.8	6.7	6.7	7.4	5.8	6.2	11.7	10.1	4.1	3.9	5.6	6.4	4.2	4.6	6.5	5.8	4.1	4.8	4.8	6.0	6.4	3.9	11.7	6.6
7	4.9	7.8	7.9	7.8	6.5	7.0	5.6	6.2	3.7	3.9	7.0	7.7	6.7	7.0	7.6	7.9	7.0	3.8	5.3	7.4	6.6	9.3	7.7	8.8	3.7	9.3	6.7
8	8.4	9.6	10.2	9.7	9.0	8.2	8.0	6.1	6.8	7.4	9.5	11.6	10.8	10.6	9.9	10.3	7.5	5.5	3.7	4.4	8.5	7.7	15.8	16.5	3.7	16.5	9.0
9	9.1	4.4	4.0	3.1	3.7	4.0	3.5	3.8	3.4	5.3	10.1	22.0	20.4	18.2	17.7	17.8	21.1	22.2	22.3	24.2	20.8	18.6	19.5	21.2	3.1	24.2	13.4
10	15.1	11.5	6.8	8.2	8.9	8.9	6.6	7.1	6.6	6.2	5.3	6.4	6.8	6.5	7.8	6.8	3.6	3.4	7.5	8.3	8.9	7.5	6.7	7.0	3.4	15.1	7.4
11	9.1	9.6	8.0	8.0	7.7	7.5	6.9	4.8	3.0	1.9	3.4	8.4	10.4	8.7	7.7	6.7	15.9	24.0	27.8	27.1	25.4	25.3	28.4	24.6	1.9	28.4	12.9
12	22.2	16.0	9.8	8.3	10.0	7.4	6.4	6.2	8.5	13.3	14.6	13.9	7.0	7.6	7.2	8.3	7.1	7.2	7.1	8.8	8.2	7.6	5.4	3.8	3.8	22.2	9.3
13	5.9	8.0	7.3	6.0	6.0	5.8	6.7	5.4	2.6	3.6	6.5	9.1	10.5	12.5	11.1	10.2	7.0	6.0	3.5	2.7	3.7	3.1	2.2	4.2	2.2	12.5	6.2
14	4.5	5.2	4.7	5.5	3.7	2.9	7.7	5.8	6.1	7.5	8.0	12.8	19.3	20.2	17.1	16.2	17.0	16.8	15.9	12.9	8.9	9.5	8.0	7.7	2.9	20.2	10.2
15	7.8	7.7	6.9	5.7	6.2	6.2	7.0	4.0	3.0	3.6	5.1	5.5	6.1	6.4	6.1	6.6	4.2	3.1	7.3	6.9	8.4	10.3	7.9	8.1	3.0	10.3	6.3
16	6.4	8.9	8.0	8.2	7.8	8.0	7.8	5.9	4.3	3.9	2.8	4.0	5.1	5.9	5.5	5.8	4.4	3.2	5.2	6.6	7.9	7.6	8.1	7.5	2.8	8.9	6.2
17	7.2	8.1	7.9	7.8	8.9	8.7	8.6	5.0	3.3	3.0	6.9	8.6	8.1	6.6	5.9	5.7	4.1	1.7	4.6	6.8	7.3	7.5	8.0	7.7	1.7	8.9	6.6
18	8.1	8.8	8.8	8.2	5.8	6.9	8.9	7.2	5.2	4.8	6.0	6.7	7.2	7.3	8.5	7.3	5.5	2.7	3.8	5.9	6.3	7.1	8.4	7.1	2.7	8.9	6.8
19	5.8	8.9	8.8	6.5	7.8	5.4	6.0	7.3	4.0	4.7	6.4	6.9	7.7	8.3	7.9	7.6	5.3	5.9	7.5	7.3	7.7	6.6	5.9	7.3	4.0	8.9	6.8
20	8.6	7.0	8.2	8.9	7.5	8.2	9.2	6.6	4.7	1.9	4.7	6.1	8.1	8.4	8.4	5.9	4.6	2.8	6.6	7.6	8.2	9.0	7.1	8.5	1.9	9.2	6.9
21	8.0	7.2	7.0	7.6	8.2	8.2	7.4	6.5	5.7	5.0	8.1	7.7	8.3	8.7	7.5	5.6	3.1	1.5	5.9	6.3	6.4	5.6	6.8	6.7	1.5	8.7	6.6
22	6.3	7.9	7.7	7.6	8.0	8.0	7.6	2.8	1.5	1.8	2.8	4.5	6.0	7.2	7.7	6.7	5.5	5.5	2.6	2.9	3.0	4.4	4.4	3.4	1.5	8.0	5.2
23	3.6	3.0	3.4	2.9	1.5	3.1	2.7	1.8	5.9	3.1	3.7	3.3	7.7	5.8	4.4	2.6	6.4	15.5	16.0	14.1	16.7	15.9	13.9	14.7	1.5	16.7	7.1
24	13.1	6.3	6.6	10.3	9.4	7.7	5.2	10.9	13.7	16.4	15.8	12.4	6.3	6.7	12.2	17.3	18.1	20.0	20.5	20.4	22.9	21.6	22.1	18.2	5.2	22.9	13.9
25	18.7	24.3	22.3	21.7	19.2	20.4	21.1	22.7	25.0	27.4	27.5	25.9	26.5	28.1	26.4	22.6	20.9	20.1	20.9	20.1	20.4	20.5	20.1	19.6	18.7	28.1	22.6
26	19.7	19.6	19.1	19.1	19.9	17.2	13.1	14.4	15.9	18.1	16.2	18.3	14.5	10.5	14.0	15.9	16.9	16.1	15.4	16.4	16.1	19.6	21.6	22.7	10.5	22.7	17.1
27	19.9	10.7	6.5	13.6	11.3	9.7	5.5	9.0	8.3	7.7	5.6	5.9	6.4	7.0	15.5	11.9	13.5	16.7	15.9	9.0	3.7	7.3	3.6	5.9	3.6	19.9	9.6
28	5.2	4.4	5.5	2.7	2.1	3.6	4.7	3.2	3.8	3.6	17.0	24.3	25.1	25.7	26.5	26.0	26.4	25.3	22.3	22.9	25.6	25.5	22.9	24.5	2.1	26.5	15.8
29	19.2	16.2	12.8	9.8	7.6	3.6	4.4	7.7	5.4	10.7	10.5	11.0	14.2	8.4	6.6	5.7	7.7	6.0	11.6	8.5	7.3	3.0	2.0	8.1	2.0	19.2	8.7
30	6.4	6.8	6.6	5.5	4.9	6.7	6.8	4.1	1.2	3.7	6.0	8.2	7.4	7.9	7.0	6.5	4.0	2.1	4.9	5.9	7.0	7.1	7.5	7.3	1.2	8.2	5.9
Min	3.6	3.0	3.4	2.7	1.5	2.9	2.7	1.8	1.2	1.8	2.8	3.3	3.6	5.6	4.4	2.6	3.1	1.5	2.6	2.7	3.0	3.0	2.0	3.4	1.2		
Max	22.2	24.3	22.3	21.7	19.9	20.4	21.1	22.7	25.0	27.4	27.5	25.9	26.5	28.1	26.5	26.0	26.4	25.3	27.8	27.1	25.6	25.5	28.4	24.6		28.4	
Avg	10.2	9.9	9.2	9.0	8.2	7.9	7.6	6.9	6.2	6.9	8.2	9.6	9.9	9.9	10.0	9.4	9.2	9.1	10.2	10.2	10.4	10.5	10.6	10.7			9.2

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

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

Site: White Water Wash (data subject to change)
 Month: November
 Year: 2006
 Time Zone: PST

Validation Level: B
 Printout Date: 01-10-2007
 Printout Time: 08:10:38
 Output File Name: WWWB1106.10

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	315	307	300	308	318	330	340	346	337	198	139	154	131	137	134	145	160	338	340	338	337	332	342	337	[NNW]
2	333	321	339	323	345	344	340	331	339	259	193	163	151	138	144	135	128	146	274	7	355	1	350	336	[NNW]
3	339	335	338	5	339	349	347	313	281	230	157	172	195	167	163	130	292	295	296	297	301	304	297	312	[NNW]
4	308	316	309	296	304	299	326	348	356	52	28	25	30	25	26	17	37	52	227	221	252	266	323	336	[NW]
5	335	326	337	332	326	332	341	326	2	180	176	178	45	48	182	159	186	135	320	335	332	337	347	336	[NNW]
6	338	335	319	328	331	334	325	314	310	22	16	314	199	224	223	197	351	350	357	285	329	306	321	310	[NW]
7	305	347	333	348	312	319	332	326	340	225	158	141	145	142	143	135	138	180	351	2	335	342	338	349	[NNW]
8	340	342	349	344	351	349	346	342	97	144	141	137	138	131	137	144	155	185	231	341	301	275	295	298	[NNW]
9	278	268	275	154	245	78	223	269	174	174	281	292	296	296	299	298	299	300	298	300	305	305	307	304	[NNW]
10	304	302	338	306	317	334	321	304	308	316	306	211	183	164	163	149	116	163	330	311	321	331	334	337	[NW]
11	328	353	324	333	334	340	338	328	313	238	153	140	140	142	145	134	302	313	301	301	298	294	301	310	[NNW]
12	306	298	306	323	310	301	286	279	1	21	25	26	318	342	39	36	24	25	319	304	311	320	333	339	[NW]
13	333	359	327	319	344	343	321	343	349	197	145	129	134	125	130	134	149	154	142	319	235	186	168	240	[SE]
14	215	209	200	203	125	89	109	182	182	230	220	267	283	283	289	295	300	305	306	306	327	357	350	358	[NNW]
15	315	338	340	326	346	339	317	311	185	226	187	151	171	157	144	123	126	316	3	322	333	330	326	339	[NNW]
16	341	347	335	332	338	335	329	328	311	289	184	148	150	144	144	156	142	320	332	342	346	343	330	335	[NNW]
17	340	329	332	327	338	331	337	314	325	42	135	123	129	137	144	134	149	94	345	341	345	329	338	334	[NNW]
18	341	359	350	345	329	346	352	332	318	260	166	130	138	140	134	141	151	198	334	351	345	334	345	333	[NNW]
19	323	338	351	322	340	333	343	358	226	125	133	137	139	141	134	115	160	335	333	331	334	324	327	310	[NNW]
20	341	339	324	336	326	328	349	330	310	53	144	145	126	127	119	151	174	310	360	347	346	340	339	322	[NNW]
21	325	323	338	336	336	329	336	321	295	150	121	132	132	138	137	133	159	160	348	354	3	2	352	4	[NNW]
22	335	350	344	351	340	327	334	341	140	174	128	152	141	134	131	145	164	160	184	348	344	17	2	344	[NNW]
23	349	337	345	264	310	233	188	266	267	175	190	243	186	148	136	151	238	297	302	310	309	306	309	304	[NW]
24	306	341	329	324	314	327	354	314	302	308	302	298	288	316	304	299	300	300	302	302	299	299	298	301	[NNW]
25	303	298	296	294	291	296	301	304	303	298	296	292	294	298	299	294	294	294	298	301	303	300	302	298	[NNW]
26	299	300	300	294	295	295	284	288	290	294	298	299	301	296	299	301	303	305	304	304	302	304	309	304	[NNW]
27	302	311	307	312	282	280	255	325	270	299	215	305	284	18	312	297	311	298	296	286	338	320	297	145	[NNW]
28	211	185	165	279	38	345	222	272	162	227	295	302	302	304	299	299	299	303	309	312	304	304	308	313	[NNW]
29	312	314	323	319	315	338	356	42	51	70	2	46	10	100	360	265	61	313	344	345	329	340	248	359	[NW]
30	327	25	341	319	339	347	346	320	251	108	121	139	140	128	120	128	127	161	355	353	339	331	331	339	[NNW]

Prev [NNW] [NNW] [NNW] [NW] [NNW] [NNW] [NNW] [NW] [NW] [SW] [SE] [SE] [SE] [SE] [SE] [SE] [SSE] [NW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW] [NNW]

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Missing Data Codes

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Processed using: TABLE.EXE version 1.2

Validation Level: B
Printout Date: 01-10-2007
Printout Time: 08:10:38
Output File Name: WWWB1106.10t

Processed using: TABLEFXE version 1.2

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

Site: White Water Wash (data subject to change)
Month: November
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 01-10-2007
Printout Time: 08:10:39
Output File Name: WWWB1106.11

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	7.2	7.5	7.2	7.0	8.3	7.2	6.9	7.3	14.3	28.1	26.2	18.6	17.6	14.1	14.7	15.9	5.6	50.0	6.9	5.2	11.8	5.1	6.9	7.7	5.1	50.0	12.8
2	7.0	3.9	4.0	6.4	6.5	5.6	5.7	5.1	11.7	32.3	48.2	17.7	16.7	15.6	12.7	10.2	8.0	46.7	31.0	8.1	9.1	6.5	6.6	9.4	3.9	48.2	13.9
3	8.9	12.4	16.1	7.3	13.1	8.3	10.2	39.6	45.0	19.9	21.0	31.0	27.1	14.8	12.6	13.9	29.0	9.4	7.9	8.1	7.8	9.7	10.4	12.5	7.3	45.0	16.5
4	9.4	9.9	8.6	8.1	8.0	14.3	13.7	15.2	48.9	57.6	53.9	21.6	17.6	13.9	17.1	14.3	13.2	38.1	46.0	66.7	23.7	21.8	36.9	11.8	8.0	66.7	24.6
5	13.0	11.0	8.6	11.6	12.1	7.4	7.1	9.0	63.1	9.9	17.4	31.5	41.3	42.2	28.2	46.0	8.8	40.9	16.0	11.6	7.0	20.3	9.9	6.4	6.4	63.1	20.0
6	8.2	10.3	11.2	7.8	15.9	41.5	28.2	32.5	23.2	14.2	15.5	45.2	62.1	25.6	23.7	43.8	21.3	18.0	11.6	41.2	19.8	23.6	17.2	15.1	7.8	62.1	24.0
7	13.0	8.5	10.4	8.8	12.9	10.3	9.3	8.2	13.1	42.1	21.5	24.0	20.9	16.0	14.1	10.2	7.9	32.0	9.9	4.7	7.6	4.9	8.5	7.2	4.7	42.1	13.6
8	6.0	7.1	7.0	5.4	5.1	6.4	6.7	13.8	20.4	11.2	12.8	10.4	11.3	11.9	12.3	10.1	14.1	16.1	32.2	10.2	13.7	16.0	11.8	10.1	5.1	32.2	11.7
9	15.4	34.3	31.6	38.9	65.2	68.1	40.9	46.0	22.3	20.9	39.6	11.9	10.0	10.3	8.1	6.8	7.3	7.6	7.6	7.1	7.1	7.0	6.8	7.2	6.8	68.1	22.0
10	7.6	8.8	22.8	15.3	12.5	9.3	9.0	5.1	9.5	20.2	30.4	20.9	34.1	22.1	12.1	8.9	7.9	26.7	7.9	4.5	6.4	7.0	6.3	7.9	4.5	34.1	13.5
11	8.5	10.3	9.7	9.4	9.3	9.6	17.4	12.9	23.5	54.5	40.5	12.5	11.7	12.8	13.2	25.2	48.3	7.8	7.9	7.3	7.8	7.9	7.7	9.1	7.3	54.5	16.0
12	6.8	9.8	16.0	20.1	26.7	33.2	31.6	22.1	39.8	17.1	10.8	11.1	41.6	27.6	35.4	15.8	10.8	19.5	10.0	5.8	10.1	17.0	15.9	25.5	5.8	41.6	20.0
13	10.0	9.1	11.1	13.5	12.3	16.8	12.2	18.0	29.6	39.0	16.7	12.6	14.4	10.7	10.5	10.3	14.3	23.4	45.8	57.3	73.1	56.8	83.1	60.7	9.1	83.1	27.6
14	44.0	49.3	52.3	54.4	63.9	69.8	29.4	48.0	49.7	46.4	51.0	22.9	13.6	11.1	10.2	8.5	7.9	7.8	6.8	7.9	18.6	11.5	12.7	9.4	6.8	69.8	29.5
15	6.6	10.9	14.8	9.0	14.3	17.0	13.5	32.6	52.1	22.1	18.3	23.0	14.9	18.8	13.6	9.5	10.4	14.3	5.3	11.6	4.0	5.0	4.8	8.5	4.0	52.1	14.8
16	4.1	4.7	5.8	5.1	4.1	4.7	4.9	5.8	7.0	15.4	37.5	24.0	20.9	18.5	15.1	9.9	5.1	34.2	12.7	9.7	10.9	8.3	6.7	11.0	4.1	37.5	11.9
17	11.3	7.9	6.3	4.5	7.8	7.6	9.1	13.8	11.2	39.3	12.8	12.6	14.7	15.1	13.9	10.8	5.7	46.0	13.8	4.4	5.9	6.9	7.7	8.7	4.4	46.0	12.4
18	7.8	7.5	8.8	8.2	9.1	6.4	5.8	6.4	12.5	49.5	22.7	14.7	15.3	12.3	10.2	9.1	7.7	23.2	37.0	7.4	5.5	6.4	5.7	9.0	5.5	49.5	12.8
19	13.3	5.0	6.2	10.7	6.7	8.6	9.3	7.9	45.0	14.9	14.5	16.7	15.2	13.4	11.9	8.4	29.6	8.2	8.4	6.2	8.6	10.5	8.2	5.7	5.0	45.0	12.2
20	3.9	6.5	6.4	4.9	5.9	6.7	6.6	9.8	9.4	26.1	17.2	11.9	13.7	14.8	13.1	15.6	6.0	44.1	5.5	9.1	7.5	5.8	4.9	6.1	3.9	44.1	10.9
21	7.4	13.4	11.4	12.1	16.0	8.5	7.4	9.1	12.4	27.1	11.5	11.5	14.7	13.4	13.6	12.0	34.3	63.3	7.0	19.5	9.8	13.0	8.6	11.4	7.0	63.3	15.4
22	11.0	8.8	16.9	15.3	17.7	10.4	9.0	60.9	45.2	32.6	20.5	17.5	15.7	13.9	13.2	12.3	10.5	14.8	38.6	28.3	26.7	8.1	9.8	16.8	8.1	60.9	19.8
23	17.3	33.0	23.4	49.3	48.6	48.6	62.3	49.5	20.8	18.6	17.6	38.8	12.5	11.5	11.4	32.1	31.4	7.6	6.8	7.6	6.7	7.0	6.7	6.9	6.7	62.3	24.0
24	6.7	19.1	13.8	10.5	7.2	13.4	9.9	11.1	7.0	7.7	8.1	10.5	38.2	36.8	11.1	8.6	8.0	7.9	7.8	7.3	6.9	7.5	7.7	7.5	6.7	38.2	11.7
25	7.9	8.5	8.2	8.9	9.1	8.9	7.9	7.8	7.9	8.7	7.5	8.3	8.1	9.4	8.3	8.0	8.4	7.8	7.3	7.9	7.6	7.9	7.9	8.8	7.3	9.4	8.2
26	9.0	8.1	8.6	8.8	9.1	8.6	10.6	10.2	8.8	10.0	11.6	11.7	13.7	19.0	13.6	10.5	8.6	9.8	11.2	12.0	13.1	8.7	8.2	8.7	8.1	19.0	10.5
27	22.6	25.0	35.7	15.9	25.1	33.6	53.3	24.4	29.0	26.8	38.5	37.1	37.2	53.3	12.8	22.0	32.2	14.0	17.0	35.4	62.5	44.6	56.9	55.7	12.8	62.5	33.8
28	42.5	55.0	73.6	50.1	64.2	35.0	41.4	38.3	14.1	56.3	18.6	11.2	11.6	10.5	9.0	8.8	8.3	9.1	10.9	8.4	8.1	8.5	8.4	8.4	8.1	73.6	25.4
29	8.2	10.2	12.8	11.8	23.8	43.6	42.8	14.9	27.5	35.9	21.0	50.0	34.0	49.7	64.1	79.6	28.0	64.0	19.8	26.0	49.3	74.2	32.6	14.0	8.2	79.6	34.9
30	52.8	11.6	17.7	18.5	43.8	15.5	21.8	13.9	43.3	24.3	15.1	15.1	17.7	16.2	13.1	13.8	7.2	34.4	12.5	11.2	5.2	8.7	5.1	4.4	4.4	52.8	18.4
Min	3.9	3.9	4.0	4.5	4.1	4.7	4.9	5.1	7.0	7.7	7.5	8.3	8.1	9.4	8.1	6.8	5.1	7.6	5.3	4.4	4.0	4.9	4.8	4.4	3.9		
Max	52.8	55.0	73.6	54.4	65.2	69.8	62.3	60.9	63.1	57.6	53.9	50.0	62.1	53.3	64.1	79.6	48.3	64.0	46.0	66.7	73.1	74.2	83.1	60.7	83.1		
Avg	13.3	14.2	16.2	15.2	19.5	19.5	18.1	20.0	25.6	27.6	23.3	20.2	21.3	19.2	15.8	17.0	14.9	24.9	15.6	15.3	15.4	14.9	14.4	13.1			18.1

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

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

Site: White Water Wash (data subject to change)
Month: November
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 01-10-2007
Printout Time: 08:10:42
Output File Name: WWWB1106.17

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	27.1	29.6	31.6	26.4	20.9	15.1	13.2	11.6	7.8	6.6	7.4	10.4	12.1	14.8	11.3	9.5	5.3	6.6	9.2	11.9	10.8	11.3	11.0	9.6	5.3	31.6	13.8
2	9.4	10.4	10.8	10.1	11.6	13.1	12.8	12.4	8.9	6.2	6.3	10.5	10.9	14.0	12.4	12.5	10.7	7.1	6.2	8.6	9.4	12.1	14.0	13.1	6.2	14.0	10.6
3	16.1	15.6	15.0	13.4	15.1	13.4	15.1	17.7	23.3	11.0	9.2	9.9	9.0	9.8	8.8	6.7	19.7	26.5	25.2	24.0	26.3	29.5	27.1	25.3	6.7	29.5	17.2
4	25.8	26.3	27.5	31.6	19.1	19.0	12.1	10.0	10.5	17.5	18.6	19.1	21.5	24.4	19.6	16.7	19.9	13.4	7.8	6.6	6.4	6.6	8.7	9.9	6.4	31.6	16.6
5	10.7	11.1	11.5	11.3	12.6	13.7	11.3	10.0	11.5	10.5	11.0	11.9	18.1	14.5	10.4	12.6	11.0	7.2	6.9	7.8	9.7	13.1	11.3	10.3	6.9	18.1	11.3
6	12.6	13.4	13.1	13.4	10.0	15.3	12.2	9.2	11.8	20.5	17.4	12.4	11.3	11.3	11.8	10.3	9.2	13.2	10.0	8.3	9.2	9.4	9.6	9.6	8.3	20.5	11.9
7	7.6	12.2	10.1	10.2	8.7	9.6	8.7	9.1	6.9	13.4	12.9	14.5	11.3	10.7	10.4	12.6	11.5	6.8	8.6	8.9	9.0	11.5	11.6	14.0	6.8	14.5	10.5
8	11.4	13.1	13.7	12.4	11.5	12.6	10.9	9.8	12.4	11.3	13.2	17.3	17.2	15.3	13.9	15.6	11.6	10.2	7.3	8.2	15.1	19.7	28.4	29.7	7.3	29.7	14.2
9	17.7	9.9	14.8	6.9	8.9	8.8	13.0	6.6	7.5	8.0	23.5	35.7	30.1	28.6	26.2	27.0	32.6	34.3	35.3	34.6	31.6	28.6	30.7	29.7	6.6	35.7	22.1
10	22.3	17.8	11.4	14.0	12.9	12.9	9.3	9.4	10.4	10.2	9.5	11.3	11.3	10.3	10.4	10.2	5.6	5.0	10.7	10.7	11.4	9.1	10.2	9.1	5.0	22.3	11.1
11	11.2	12.9	11.3	11.1	12.6	11.6	10.1	9.4	6.6	5.1	8.3	13.7	15.6	13.2	12.8	11.7	34.3	38.7	40.5	39.2	37.2	37.7	42.4	40.3	5.1	42.4	20.3
12	34.6	25.9	16.5	13.4	17.6	14.2	14.0	13.5	26.7	25.4	23.3	21.9	18.9	17.1	15.2	15.6	12.2	12.1	13.0	11.8	12.2	12.4	8.8	9.1	8.8	34.6	16.9
13	10.1	10.3	10.4	9.8	8.4	7.8	9.9	8.1	6.2	7.5	12.8	14.0	18.3	18.4	18.2	15.9	13.6	11.8	10.7	7.2	9.9	6.7	6.4	9.6	6.2	18.4	10.9
14	11.0	11.0	12.4	11.2	8.3	8.0	12.9	12.7	17.7	20.2	21.5	31.5	31.6	35.7	25.8	24.3	26.4	23.8	22.1	20.9	15.6	14.6	12.9	10.2	8.0	35.7	18.4
15	11.9	12.1	12.3	8.8	10.5	9.6	9.9	8.2	8.0	9.3	9.9	10.7	10.1	10.4	9.6	7.8	7.4	9.2	9.6	12.4	13.7	10.8	12.2	7.4	13.7	10.1	
16	7.9	12.1	11.6	11.8	10.2	10.6	10.4	8.0	6.1	7.0	5.8	6.9	8.7	9.3	9.1	8.0	6.0	5.8	6.9	8.0	12.0	10.5	11.4	11.3	5.8	12.1	9.0
17	10.6	10.4	12.9	10.7	13.1	12.6	12.6	7.7	4.9	9.1	11.3	12.0	12.1	10.0	8.6	8.1	7.5	4.9	7.1	9.1	9.6	10.2	10.4	11.2	4.9	13.1	9.9
18	10.4	13.4	11.4	11.7	9.9	11.0	12.2	9.4	8.3	10.5	11.8	9.4	10.0	11.2	12.7	10.4	9.2	5.8	7.4	7.4	7.7	10.2	10.5	10.8	5.8	13.4	10.1
19	8.5	11.3	11.1	10.7	10.9	7.7	8.9	11.4	8.3	10.1	10.2	11.3	10.7	11.7	10.5	10.4	10.7	7.9	10.7	10.8	11.9	9.0	8.0	9.4	7.7	11.9	10.1
20	12.2	10.7	11.3	11.3	9.3	11.6	12.1	10.2	7.9	6.6	8.0	9.4	14.3	13.1	14.4	11.5	7.2	5.5	8.5	10.2	10.8	11.0	9.3	10.7	5.5	14.4	10.3
21	10.3	12.0	9.9	10.1	13.7	11.7	10.2	9.4	8.8	11.0	11.4	11.8	13.3	14.0	11.9	10.5	6.6	3.9	7.6	9.9	8.6	8.6	9.1	9.5	3.9	14.0	10.2
22	10.7	10.6	12.8	11.0	12.4	12.1	10.1	7.5	3.5	4.9	6.9	8.3	10.4	11.3	11.7	11.1	8.8	9.0	4.5	8.0	7.0	9.3	8.0	7.2	3.5	12.8	9.0
23	7.6	7.1	8.0	8.3	5.1	7.9	8.3	4.7	15.5	7.2	6.3	10.9	11.8	9.0	8.6	7.4	16.8	22.5	22.6	21.8	25.4	22.6	19.7	21.7	4.7	25.4	12.8
24	21.0	16.7	13.7	17.2	14.8	12.6	8.6	17.8	21.4	23.8	21.5	19.4	16.1	16.9	22.4	27.0	27.4	28.3	32.2	30.5	33.5	29.7	33.0	27.3	8.6	33.5	22.2
25	33.9	35.9	32.8	33.4	31.3	34.2	31.8	35.1	38.5	40.5	39.2	38.5	38.8	43.6	41.9	33.3	32.7	31.6	31.9	31.9	31.6	30.8	30.9	33.6	30.8	43.6	34.9
26	30.6	31.3	31.0	32.1	29.8	27.4	22.3	24.7	25.5	27.8	27.9	28.6	26.8	21.3	25.8	28.2	28.4	27.0	27.6	29.8	27.0	29.4	33.5	34.6	21.3	34.6	28.3
27	34.6	26.9	25.1	25.9	31.1	27.5	9.6	22.8	21.1	17.9	14.0	20.9	20.3	22.7	29.7	30.1	32.7	36.8	32.6	23.8	21.9	21.0	13.6	12.1	9.6	36.8	23.9
28	8.8	11.0	11.2	9.4	6.9	10.2	9.6	7.5	6.8	21.7	30.9	38.8	39.5	47.9	43.3	39.7	41.4	46.5	36.2	37.8	38.4	37.7	36.2	39.5	6.8	47.9	27.4
29	30.9	28.3	22.1	21.4	15.9	10.2	11.4	15.9	19.6	33.1	23.6	30.0	33.4	22.0	18.9	23.0	25.6	18.3	23.6	22.1	24.0	7.6	4.3	14.8	4.3	33.4	20.8
30	13.1	10.4	10.2	8.4	9.2	9.6	10.3	7.7	2.9	8.1	9.5	14.6	12.3	13.8	11.8	11.3	6.8	5.2	7.8	7.7	8.6	8.4	9.9	9.6	2.9	14.6	9.5
Min	7.6	7.1	8.0	6.9	5.1	7.7	8.3	4.7	2.9	4.9	5.8	6.9	8.7	9.0	8.6	6.7	5.3	3.9	4.5	6.6	6.4	6.6	4.3	7.2	2.9		
Max	34.6	35.9	32.8	33.4	31.3	34.2	31.8	35.1	38.5	40.5	39.2	38.8	39.5	47.9	43.3	39.7	41.4	46.5	40.5	39.2	38.4	37.7	42.4	40.3		47.9	
Avg	16.4	16.0	15.2	14.6	13.7	13.4	12.1	11.9	12.5	14.0	14.7	17.2	17.5	17.5	16.6	16.0	16.6	16.1	16.3	16.2	16.8	16.4	16.4	16.8			15.5

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

Variable: Battery Voltage
Units: volts
Channel: 7

Site: White Water Wash (data subject to change)
Month: November
Year: 2006
Time Zone: PST

Validation Level: B
Printout Date: 01-10-2007
Printout Time: 08:10:36
Output File Name: WWWB1106.7

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

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.2