

# White Water Wash Meteorological Data

August 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: August  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 10-13-2009  
Printout Time: 15:54:04  
Output File Name: WWWB0809.9

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	18.6	17.4	19.4	20.5	20.8	18.0	18.2	16.0	6.9	7.4	7.5	7.7	3.6	6.1	4.4	15.0	19.9	21.8	19.5	22.9	23.6	23.7	22.6	21.0	3.6	23.7	15.9
2	19.5	24.5	25.6	22.8	19.6	20.3	21.8	20.4	19.6	19.2	19.7	17.1	15.7	17.3	21.3	23.3	25.7	24.4	22.9	21.6	21.2	22.3	18.4	18.2	15.7	25.7	20.9
3	20.9	19.5	23.0	22.8	21.0	17.1	15.7	19.3	22.8	21.5	12.1	9.2	18.8	18.1	20.1	23.0	21.8	21.5	21.2	21.2	20.9	18.8	17.9	19.8	9.2	23.0	19.5
4	20.3	18.5	17.7	17.3	13.8	7.4	5.1	4.4	2.9	2.6	4.0	2.8	5.5	6.4	6.7	6.1	18.5	21.5	21.6	23.2	22.6	23.5	23.3	24.6	2.6	24.6	13.3
5	20.5	21.7	19.9	18.9	16.6	18.9	20.8	20.0	20.8	21.8	20.4	21.7	24.9	26.4	27.6	23.6	26.6	29.3	26.8	26.2	23.7	19.1	19.9	19.1	16.6	29.3	22.3
6	20.8	21.7	21.8	21.1	17.7	23.0	22.0	22.1	27.0	27.9	27.7	-960	-960	-960	27.6	26.3	28.1	28.0	25.1	28.2	24.7	21.8	22.2	20.7	17.7	28.2	24.1
7	26.4	28.7	26.5	27.5	29.2	26.0	22.0	20.1	19.4	15.1	22.0	27.7	27.6	28.9	25.4	23.5	25.9	26.1	27.0	30.2	31.0	29.5	27.9	26.1	15.1	31.0	25.8
8	23.5	22.6	20.5	19.3	20.4	25.3	25.4	20.9	16.6	5.6	4.2	3.8	5.2	5.5	4.6	11.9	19.4	22.6	25.7	24.9	25.1	24.7	25.1	22.8	3.8	25.7	17.7
9	21.8	22.0	21.2	19.3	15.5	10.5	9.1	9.9	6.3	3.2	6.2	10.5	10.7	9.8	10.0	10.6	9.2	7.2	17.7	18.6	18.8	17.1	16.5	15.8	3.2	22.0	13.2
10	15.9	14.3	10.5	11.0	10.1	4.6	2.8	3.6	5.6	5.0	6.6	8.9	9.4	10.3	12.2	10.7	8.6	7.3	4.5	10.8	13.4	15.0	15.8	13.6	2.8	15.9	9.6
11	12.7	8.9	7.9	3.9	4.4	4.7	4.9	2.3	4.5	5.3	6.8	8.9	8.8	9.1	8.4	8.0	8.4	7.0	7.9	6.1	8.0	14.0	16.0	18.9	2.3	18.9	8.1
12	17.1	16.6	15.3	16.1	14.2	11.9	13.8	10.4	4.4	4.0	4.2	7.0	9.1	10.5	10.0	8.9	18.8	21.2	19.4	19.8	23.4	18.4	17.8	17.9	4.0	23.4	13.8
13	15.6	12.3	4.2	3.9	8.0	6.0	2.8	2.3	8.7	9.9	8.2	7.8	6.2	6.7	7.7	9.4	9.2	8.6	14.8	22.3	26.2	24.9	21.9	19.0	2.3	26.2	11.1
14	20.1	19.4	22.9	22.1	21.1	19.2	16.6	7.0	7.4	4.7	5.2	6.1	3.2	4.9	8.6	18.6	21.6	26.0	27.7	29.6	29.2	25.0	22.5	18.2	3.2	29.6	17.0
15	22.6	22.9	19.3	16.9	14.4	12.5	11.2	12.0	14.1	7.8	8.5	6.6	15.9	20.7	24.4	24.9	26.7	26.5	27.0	28.7	28.2	26.9	25.9	25.2	6.6	28.7	19.6
16	24.4	21.8	23.2	20.7	20.8	21.2	12.3	5.4	8.6	5.2	5.5	5.1	6.1	10.7	17.0	22.7	23.0	23.0	24.2	23.8	22.1	20.8	19.4	21.2	5.1	24.4	17.0
17	20.4	19.1	18.3	17.5	16.3	16.4	17.4	17.1	13.9	9.3	3.7	5.2	6.0	5.9	7.6	7.8	9.6	19.1	19.5	21.5	22.8	20.9	17.2	17.3	3.7	22.8	14.6
18	18.7	18.5	18.0	14.3	13.7	12.9	12.7	11.1	7.5	12.3	10.7	8.8	6.2	6.5	5.2	6.0	5.8	19.7	21.4	21.8	21.6	21.4	21.6	18.6	5.2	21.8	13.9
19	19.4	16.3	15.2	15.4	8.4	5.6	4.1	2.9	4.8	6.6	3.4	3.3	6.3	7.8	4.6	12.8	16.6	18.5	20.1	21.7	19.6	17.9	9.7	13.1	2.9	21.7	11.4
20	13.4	13.4	13.5	10.9	10.6	8.1	2.4	2.8	4.2	8.8	8.1	7.9	5.5	5.2	5.0	12.0	17.8	20.3	21.9	21.6	21.3	22.2	21.3	20.2	2.4	22.2	12.4
21	17.5	18.0	18.2	9.2	7.5	2.4	8.2	6.4	4.9	4.0	4.5	7.0	8.2	5.7	18.9	26.0	21.7	21.8	7.8	4.3	18.2	18.6	13.0	11.3	2.4	26.0	11.8
22	7.7	6.3	7.9	4.5	5.7	4.0	7.9	6.9	3.5	7.3	9.6	10.9	12.2	11.6	9.6	9.3	9.0	7.8	6.1	7.3	13.4	17.8	15.5	11.1	3.5	17.8	8.9
23	8.3	13.2	14.4	13.6	7.5	7.3	6.3	5.6	3.3	5.9	4.3	5.3	5.8	3.5	8.7	14.5	18.8	17.1	21.5	19.1	21.4	22.7	19.3	19.7	3.3	22.7	12.0
24	17.9	16.1	16.3	15.9	14.5	14.1	15.2	13.6	8.1	3.7	5.5	7.7	5.4	6.4	5.3	6.1	4.0	8.9	20.2	20.4	19.5	19.8	17.7	16.9	3.7	20.4	12.5
25	15.7	15.2	14.8	14.2	14.1	10.0	7.5	10.0	6.7	10.1	10.3	8.3	8.0	9.5	10.7	9.9	7.7	8.1	21.1	17.8	19.0	17.9	18.5	17.2	6.7	21.1	12.6
26	16.5	15.0	13.2	15.3	15.7	16.2	18.3	14.9	11.1	5.3	4.1	4.8	5.9	6.3	4.9	4.9	6.4	20.0	20.5	22.1	21.5	21.1	16.7	16.4	4.1	22.1	13.2
27	16.6	18.0	12.7	9.4	10.8	8.3	7.0	10.4	9.7	3.5	6.9	7.2	4.6	6.1	5.7	2.5	3.2	2.8	17.4	22.6	17.1	17.6	17.3	13.9	2.5	22.6	10.5
28	17.0	16.2	16.8	13.3	13.5	12.9	14.2	12.9	10.7	12.8	5.9	3.5	4.4	12.4	13.7	16.9	15.8	17.9	20.1	18.6	17.8	15.7	20.8	15.3	3.5	20.8	14.1
29	15.5	15.2	17.1	15.7	12.0	9.3	8.3	7.6	10.7	12.2	12.6	10.6	9.4	10.7	8.9	6.7	6.7	6.6	7.0	6.7	13.8	14.9	14.4	6.7	6.6	17.1	10.8
30	6.7	4.6	2.9	4.7	3.8	2.6	4.8	2.9	2.4	4.9	6.0	8.3	8.5	7.5	10.9	19.5	18.5	15.9	14.6	13.4	15.9	18.4	16.9	11.8	2.4	19.5	9.4
31	14.2	13.3	12.4	11.4	12.2	10.6	8.9	6.0	13.3	12.8	11.0	10.3	9.8	10.6	10.0	9.3	6.7	8.4	9.6	6.2	2.6	4.5	6.0	6.8	2.6	14.2	9.4
Min	6.7	4.6	2.9	3.9	3.8	2.4	2.4	2.3	2.4	2.6	3.4	2.8	3.2	3.5	4.4	2.5	3.2	2.8	4.5	4.3	2.6	4.5	6.0	6.7	2.3		
Max	26.4	28.7	26.5	27.5	29.2	26.0	25.4	22.1	27.0	27.9	27.7	27.7	27.6	28.9	27.6	26.3	28.1	29.3	27.7	30.2	31.0	29.5	27.9	26.1		31.0	
Avg	17.6	17.1	16.5	15.1	14.0	12.5	11.9	10.5	10.0	9.2	8.9	8.7	9.2	10.2	11.8	13.9	15.5	17.2	18.8	19.5	20.2	19.9	18.7	17.4			14.4

Total Data Records Possible: 744  
Total Valid Data Records: 741  
Percent Data Recovery: 99.6

#### 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: August  
 Year: 2009  
 Time Zone: PST

Validation Level: B  
 Printout Date: 10-13-2009  
 Printout Time: 15:54:05  
 Output File Name: WWWB0809.10

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	316	318	318	315	311	310	308	297	268	168	148	137	161	112	70	310	305	304	304	300	301	301	301	300	[NW ]
2	296	301	298	291	310	317	308	302	296	296	297	301	308	307	307	303	302	302	299	297	300	300	298	301	[WNW]
3	302	300	297	295	296	311	307	290	296	296	280	243	303	305	304	308	308	305	301	300	300	303	319	319	[WNW]
4	311	313	315	313	320	272	113	40	210	318	296	219	161	147	150	5	308	302	301	298	300	300	303	302	[WNW]
5	297	295	289	298	289	290	297	295	296	295	299	302	309	310	306	302	300	301	299	305	302	304	303	305	[WNW]
6	315	316	318	320	304	309	303	306	304	305	305	-960	-960	-960	311	308	310	307	305	304	298	296	304	305	[NW ]
7	304	302	300	305	300	302	292	291	296	301	309	312	307	295	296	300	303	305	305	303	302	305	303	304	[WNW]
8	317	319	318	309	320	309	307	310	302	258	191	49	132	172	90	305	304	303	305	306	306	307	308	307	[NW ]
9	307	314	307	305	313	332	330	322	313	207	167	139	137	138	132	145	137	180	304	303	304	308	311	319	[NW ]
10	324	324	330	321	326	329	38	106	153	167	148	150	130	141	133	134	122	126	141	339	304	307	314	319	[NW ]
11	315	340	357	317	336	326	343	314	144	152	146	149	166	150	141	143	131	137	121	114	277	306	309	307	[NW ]
12	304	308	311	312	313	320	318	310	252	222	182	155	137	136	133	200	308	308	308	314	307	304	303	305	[NW ]
13	295	294	345	359	353	5	322	181	131	141	136	142	155	166	155	149	144	22	310	306	305	307	307	304	[NW ]
14	300	293	306	302	289	287	284	250	249	218	219	193	276	145	295	305	295	295	297	298	301	305	306	316	[WNW]
15	318	310	295	290	281	278	286	292	299	271	287	269	301	304	304	304	304	305	306	303	302	304	304	305	[WNW]
16	308	317	312	310	308	310	273	235	271	234	191	169	150	287	308	303	304	303	305	306	307	309	314	307	[NW ]
17	305	307	322	322	319	313	313	308	301	296	243	168	160	124	136	128	357	304	304	304	304	307	312	310	[NW ]
18	313	318	313	329	322	321	316	319	203	142	141	135	155	151	147	140	236	304	303	304	305	304	303	314	[NW ]
19	311	314	316	318	310	351	16	291	158	150	149	76	153	157	122	309	306	305	306	305	305	305	327	304	[NW ]
20	310	313	313	313	307	317	282	225	169	145	146	144	155	140	122	319	309	305	304	305	304	305	303	305	[NW ]
21	318	320	318	277	125	194	343	293	145	40	302	172	158	120	293	299	302	307	173	350	310	304	307	291	[WNW]
22	144	131	134	343	22	349	328	316	242	149	145	129	134	138	134	145	139	139	126	34	312	304	303	309	[SE ]
23	335	308	309	315	345	350	334	335	214	172	170	163	155	82	325	308	307	313	308	308	307	305	302	304	[NW ]
24	313	319	319	317	316	314	312	302	258	245	209	166	147	141	157	136	137	323	307	304	307	305	307	304	[NW ]
25	304	314	323	326	322	310	341	309	192	143	144	130	113	127	141	147	136	131	302	305	310	304	305	314	[NW ]
26	314	319	327	339	325	327	319	314	300	248	210	163	186	165	104	191	172	304	303	305	300	302	319	323	[NW ]
27	329	319	333	355	345	348	336	302	309	4	141	182	187	160	218	208	126	115	307	302	301	303	301	297	[WNW]
28	331	326	322	328	338	338	325	329	288	305	320	260	332	306	309	307	295	306	304	305	311	319	310	316	[NW ]
29	334	325	320	326	326	342	351	330	130	131	136	136	137	137	139	142	137	132	102	122	304	305	305	350	[SE ]
30	347	294	287	4	354	7	320	317	136	162	156	157	151	152	136	299	303	310	305	322	308	302	302	328	[NW ]
31	327	324	331	344	341	357	0	354	123	125	125	132	139	150	144	133	131	98	128	156	174	350	18	359	[SE ]

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

Total Data Records Possible: 744  
 Total Valid Data Records: 741  
 Percent Data Recovery: 99.6

#### 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: August  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 10-13-2009  
Printout Time: 15:54:05  
Output File Name: WWWB0809.10t

Hour Ending																									
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	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[W]	[SSE]	[SSE]	[SE]	[SSE]	[ESE]	[ENE]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]
2	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
3	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[W]	[WSW]	[WNW]	[NW]	[NW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[WNW]
4	[NW]	[NW]	[NW]	[NW]	[NW]	[W]	[ESE]	[NE]	[SSW]	[NW]	[WNW]	[SW]	[SSE]	[SSE]	[SSE]	[N]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
5	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[WNW]	[NW]	[WNW]	[NW]	[WNW]
6	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	-960	-960	-960	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[NW]	[NW]	[NW]
7	[NW]	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[NW]	[NW]	[WNW]
8	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[S]	[NE]	[SE]	[S]	[E]	[NW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
9	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NW]	[SSW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[S]	[NW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]
10	[NW]	[NW]	[NNW]	[NW]	[NW]	[NNW]	[NE]	[ESE]	[SSE]	[SSE]	[SSE]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[SE]	[SE]	[NNW]	[NW]	[NW]	[NW]	[NW]
11	[NW]	[NNW]	[N]	[NW]	[NNW]	[NW]	[NNW]	[NW]	[SE]	[SSE]	[SE]	[SSE]	[SSE]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[ESE]	[W]	[NW]	[NW]	[NW]
12	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WSW]	[SW]	[S]	[SSE]	[SE]	[SE]	[SE]	[SSW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]
13	[WNW]	[WNW]	[NNW]	[N]	[N]	[N]	[NW]	[S]	[SE]	[SE]	[SE]	[SE]	[SSE]	[SSE]	[SSE]	[SSE]	[SE]	[NNE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
14	[WNW]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WSW]	[WSW]	[SW]	[SW]	[SSW]	[W]	[SE]	[WNW]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[WNW]
15	[NW]	[NW]	[WNW]	[WNW]	[W]	[W]	[WNW]	[WNW]	[WNW]	[W]	[WNW]	[W]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[NW]	[WNW]	[NW]	[WNW]
16	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[W]	[SW]	[W]	[SW]	[S]	[S]	[SSE]	[WNW]	[NW]	[WNW]	[NW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
17	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[WSW]	[SSE]	[SSE]	[SE]	[SE]	[SE]	[N]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
18	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]	[NW]	[NW]	[SSW]	[SE]	[SE]	[SE]	[SSE]	[SSE]	[SSE]	[SE]	[WSW]	[NW]	[WNW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]
19	[NW]	[NW]	[NW]	[NW]	[NW]	[N]	[NNE]	[WNW]	[SSE]	[SSE]	[SSE]	[ENE]	[SSE]	[SSE]	[ESE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[NW]
20	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[SW]	[SSE]	[SE]	[SE]	[SE]	[SSE]	[SE]	[ESE]	[NW]	[NW]	[NW]	[WNW]	[NW]	[WNW]	[NW]	[WNW]	[NW]	[NW]
21	[NW]	[NW]	[NW]	[W]	[SE]	[SSW]	[NNW]	[WNW]	[SE]	[NE]	[WNW]	[S]	[SSE]	[ESE]	[WNW]	[WNW]	[WNW]	[NW]	[S]	[N]	[NW]	[WNW]	[NW]	[WNW]	[WNW]
22	[SE]	[SE]	[SE]	[NNW]	[NNE]	[N]	[NNW]	[NW]	[WSW]	[SSE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[NE]	[NW]	[WNW]	[WNW]	[NW]	[SE]
23	[NNW]	[NW]	[NW]	[NW]	[NNW]	[N]	[NNW]	[NNW]	[SW]	[S]	[S]	[SSE]	[SSE]	[E]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]
24	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WSW]	[WSW]	[SSW]	[SSE]	[SSE]	[SE]	[SSE]	[SE]	[SE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
25	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NNW]	[NW]	[SSW]	[SE]	[SE]	[SE]	[ESE]	[SE]	[SE]	[SSE]	[SE]	[SE]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
26	[NW]	[NW]	[NNW]	[NNW]	[NW]	[NNW]	[NW]	[NW]	[WNW]	[WSW]	[SSW]	[SSE]	[S]	[SSE]	[ESE]	[S]	[S]	[NW]	[WNW]	[NW]	[WNW]	[WNW]	[NW]	[NW]	[NW]
27	[NNW]	[NW]	[NNW]	[N]	[NNW]	[NNW]	[NNW]	[WNW]	[NW]	[N]	[SE]	[S]	[S]	[SSE]	[SW]	[SSW]	[SE]	[ESE]	[NW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]	[WNW]
28	[NNW]	[NW]	[NW]	[NNW]	[NNW]	[NNW]	[NW]	[NNW]	[WNW]	[NW]	[NW]	[W]	[NNW]	[NW]	[NW]	[NW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]
29	[NNW]	[NW]	[NW]	[NNW]	[NW]	[NNW]	[N]	[NNW]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ESE]	[ESE]	[NW]	[NW]	[NW]	[N]	[SE]
30	[NNW]	[WNW]	[WNW]	[N]	[N]	[N]	[NW]	[NW]	[SE]	[SSE]	[SSE]	[SSE]	[SSE]	[SSE]	[SE]	[WNW]	[WNW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[WNW]	[NNW]	[NW]
31	[NNW]	[NW]	[NNW]	[NNW]	[NNW]	[N]	[N]	[N]	[ESE]	[SE]	[SE]	[SE]	[SE]	[SSE]	[SE]	[SE]	[SE]	[E]	[SE]	[SSE]	[S]	[N]	[NNE]	[N]	[SE]
Prev	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[WNW]	[SSE]	[SE]	[SE]	[SSE]	[SE]	[SE]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]	[NW]

Total Data Records Possible: 744  
Total Valid Data Records: 741  
Percent Data Recovery: 99.6

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

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

Validation Level: B  
 Printout Date: 10-13-2009  
 Printout Time: 15:54:05  
 Output File Name: WWWB0809.11

Day	Hour Ending																								Min	Max	Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	7.2	8.2	7.5	8.3	9.7	8.9	8.5	12.6	21.8	16.3	21.0	21.4	48.4	32.4	73.1	24.3	10.5	7.8	8.2	6.7	7.0	7.0	7.5	7.3	6.7	73.1	16.3
2	8.3	7.5	7.4	8.3	9.9	9.0	7.7	7.8	8.8	9.8	11.0	13.2	19.6	15.6	11.3	11.7	9.9	8.6	8.3	8.6	9.3	9.6	9.1	8.7	7.4	19.6	9.9
3	8.9	9.2	7.2	8.0	8.4	10.6	12.8	13.4	7.6	8.1	24.1	33.0	11.5	13.7	9.3	8.8	9.8	9.1	7.5	8.0	7.3	7.8	10.1	7.3	7.2	33.0	10.9
4	7.9	7.9	8.4	7.7	8.4	21.8	21.9	26.5	48.3	66.3	34.0	51.7	48.6	30.5	24.6	46.6	9.6	8.6	7.8	7.7	7.3	7.6	7.8	7.4	7.3	66.3	21.9
5	8.7	9.0	10.1	8.4	10.5	10.0	7.3	7.9	8.8	8.2	10.9	9.9	13.0	9.5	10.2	14.1	9.9	11.2	9.4	11.9	10.9	11.1	11.8	11.1	7.3	14.1	10.2
6	8.7	8.2	8.7	9.4	13.7	10.4	11.2	13.8	11.3	12.6	12.7	-960	-960	-960	10.3	12.3	12.3	11.1	10.6	8.4	9.2	9.6	8.9	12.0	8.2	13.8	10.7
7	9.0	8.7	12.9	12.6	11.1	13.9	11.4	12.5	11.1	16.2	16.2	9.9	9.8	8.5	10.1	9.5	8.0	7.7	7.9	7.6	7.5	7.6	7.7	7.6	7.5	16.2	10.2
8	8.2	9.4	9.4	9.0	9.8	7.2	6.9	6.9	8.4	28.8	53.5	51.2	41.1	29.8	55.2	19.5	8.4	7.3	6.9	7.6	7.5	7.2	7.0	7.1	6.9	55.2	17.2
9	7.2	6.9	7.3	7.2	7.4	9.7	9.3	8.8	19.2	37.6	26.6	18.8	16.6	15.3	18.4	15.1	13.3	44.0	8.1	7.6	7.6	8.2	7.8	8.1	6.9	44.0	14.0
10	8.0	6.9	9.1	6.7	11.1	26.6	24.9	54.5	19.8	25.6	22.3	15.5	16.6	15.1	16.1	14.3	13.2	9.9	17.2	25.7	8.1	7.0	7.3	7.5	6.7	54.5	16.2
11	7.7	10.1	13.6	54.5	18.5	14.9	8.7	33.4	19.1	23.3	19.4	17.7	18.9	22.8	16.4	15.3	15.5	12.4	9.4	25.5	18.0	7.1	7.7	7.0	7.0	54.5	17.4
12	7.3	7.6	7.7	6.9	7.1	7.8	7.7	10.7	22.1	28.8	33.3	26.4	18.9	14.3	17.0	31.6	17.5	11.3	10.4	11.3	7.7	7.4	7.5	7.3	6.9	33.3	14.0
13	8.5	8.6	25.1	21.4	9.0	7.6	22.2	26.7	18.4	15.8	24.2	24.5	35.6	29.0	19.4	14.6	14.8	44.6	11.6	9.3	8.1	8.1	8.0	8.5	7.6	44.6	17.6
14	11.6	10.8	9.9	8.9	12.2	10.5	12.9	18.3	24.6	29.2	38.6	38.0	52.7	57.1	53.0	14.5	13.3	9.9	8.9	7.7	8.4	8.6	8.8	12.8	7.7	57.1	20.0
15	7.9	7.9	12.0	15.8	13.5	16.9	22.8	32.4	15.9	25.1	29.3	39.2	13.6	11.3	8.8	8.2	7.7	8.3	9.4	7.4	7.1	7.3	7.8	7.6	7.1	39.2	14.3
16	7.7	8.2	8.1	7.9	8.5	8.2	22.2	18.2	27.0	47.8	20.3	29.1	27.4	30.6	14.9	9.1	8.3	8.1	8.4	8.4	7.3	7.1	8.0	7.2	7.1	47.8	14.9
17	7.4	7.5	7.1	7.6	7.6	7.3	8.1	7.7	8.6	17.8	46.2	42.8	31.5	37.4	20.1	17.4	26.4	9.5	6.9	7.1	6.7	6.7	7.9	7.0	6.7	46.2	15.0
18	6.7	7.1	7.5	7.9	7.3	8.0	8.1	9.5	24.7	10.5	16.3	15.1	30.5	31.0	42.6	24.3	51.0	8.1	7.2	7.4	6.9	6.9	7.2	7.4	6.7	51.0	15.0
19	6.8	7.8	7.7	7.5	7.8	13.2	23.5	24.8	19.4	20.7	59.1	46.4	28.9	17.9	31.3	24.4	9.7	9.4	7.7	7.1	7.0	7.1	13.9	10.1	6.8	59.1	17.5
20	8.5	8.0	7.8	7.1	6.7	13.0	24.4	13.8	24.5	13.3	15.6	16.8	28.3	33.7	35.7	25.9	9.2	7.6	8.1	8.4	8.0	8.0	7.3	7.7	6.7	35.7	14.5
21	10.0	9.0	8.9	14.9	17.9	45.4	13.6	35.7	18.6	24.6	26.6	65.2	13.8	31.2	54.9	9.7	10.9	9.5	22.6	24.5	8.1	12.9	12.8	10.5	8.1	65.2	21.3
22	42.2	13.3	14.2	18.7	17.1	14.3	7.9	19.1	44.5	18.2	19.6	19.2	14.4	15.6	17.2	15.3	14.6	11.6	9.4	25.1	11.3	7.1	7.2	7.9	7.1	44.5	16.9
23	17.6	7.1	7.7	8.1	7.2	6.2	8.7	19.4	46.1	28.0	37.9	45.0	40.3	67.7	43.6	32.8	15.9	20.2	10.7	9.0	10.0	8.2	9.7	8.0	6.2	67.7	21.5
24	9.0	9.2	7.9	8.1	7.7	7.4	7.9	8.4	22.8	45.2	39.4	35.6	41.1	33.5	44.6	22.9	55.2	53.5	10.1	9.3	8.6	7.0	7.2	6.9	6.9	55.2	21.2
25	7.5	8.3	8.1	7.9	7.8	16.2	10.6	9.5	20.6	13.1	12.2	19.9	18.4	15.4	14.4	13.0	15.3	25.4	9.9	9.5	10.9	10.0	7.6	8.9	7.5	25.4	12.5
26	7.9	8.5	10.7	9.6	9.0	8.0	7.0	10.4	17.2	27.5	52.0	42.5	24.5	26.0	57.6	39.0	47.1	7.7	7.4	7.0	7.0	7.4	9.4	7.8	7.0	57.6	19.1
27	6.8	6.9	8.3	9.4	9.6	10.3	13.8	9.3	9.5	47.7	37.8	21.5	51.4	35.4	28.9	71.6	39.7	53.0	7.7	7.1	8.8	9.1	7.3	10.3	6.8	71.6	21.7
28	9.0	7.8	8.5	8.8	8.7	9.9	7.8	9.1	17.4	11.3	40.5	44.9	45.3	23.1	17.2	13.3	9.5	7.5	8.1	9.2	10.1	11.9	9.6	12.2	7.5	45.3	15.0
29	8.9	8.4	7.9	8.6	12.9	11.8	16.0	21.1	17.9	10.2	13.6	13.0	15.6	14.1	15.6	16.7	12.1	18.9	21.9	29.3	10.8	6.9	8.7	23.7	6.9	29.3	14.4
30	33.5	22.5	20.4	15.5	12.4	24.9	16.1	36.3	69.4	23.0	19.8	15.1	14.0	20.0	50.1	10.6	8.6	8.6	7.4	8.0	10.8	7.2	8.3	10.2	7.2	69.4	19.7
31	8.6	8.2	8.9	8.3	7.9	8.3	7.9	14.6	20.7	10.8	14.5	16.7	16.7	12.4	13.2	12.9	20.0	28.7	10.4	20.7	12.2	30.8	9.4	7.3	7.3	30.8	13.8
Min	6.7	6.9	7.1	6.7	6.7	6.2	6.9	6.9	7.6	8.1	10.9	9.9	9.8	8.5	8.8	8.2	7.7	7.3	6.9	6.7	6.7	6.7	7.0	6.9	6.2		
Max	42.2	22.5	25.1	54.5	18.5	45.4	24.9	54.5	69.4	66.3	59.1	65.2	52.7	67.7	73.1	71.6	55.2	53.5	22.6	29.3	18.0	30.8	13.9	23.7	73.1		
Avg	10.4	8.9	9.9	11.3	10.2	12.8	12.9	17.8	21.7	23.3	27.4	28.6	26.9	25.0	27.6	20.0	17.0	16.1	9.8	11.6	8.9	8.9	8.6	9.0	16.0		

Total Data Records Possible: 744  
 Total Valid Data Records: 741  
 Percent Data Recovery: 99.6

#### 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: August  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 10-13-2009  
Printout Time: 15:54:06  
Output File Name: WWWB0809.17

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	26.9	27.0	27.8	30.4	31.4	27.3	26.7	28.9	12.9	13.6	14.8	14.7	9.3	13.7	11.5	25.4	30.7	31.6	31.5	32.2	33.8	33.6	32.7	31.9	9.3	33.8	25.0
2	33.5	35.4	36.3	36.0	33.3	30.0	33.4	31.6	29.1	28.2	29.1	27.9	29.4	33.1	31.5	37.7	39.4	39.4	37.5	35.1	37.2	35.3	33.7	27.7	27.7	39.4	33.4
3	31.8	31.5	32.4	34.8	33.3	30.5	26.4	31.9	31.4	33.8	27.8	25.6	30.6	28.4	30.0	34.5	32.4	33.1	30.3	33.4	34.0	27.3	28.0	28.2	25.6	34.8	30.9
4	30.0	30.2	30.0	27.5	26.5	17.8	8.6	8.0	8.6	8.2	9.1	8.9	14.0	14.2	15.8	18.5	27.3	32.6	32.5	36.2	33.8	34.1	37.1	36.0	8.0	37.1	22.7
5	34.1	37.2	34.2	30.5	30.5	29.8	30.7	28.5	30.3	31.4	31.3	31.5	40.0	47.6	45.0	42.2	42.7	48.2	44.4	45.4	41.2	38.4	33.0	31.0	28.5	48.2	36.6
6	33.9	33.1	33.2	32.1	33.1	37.7	37.6	43.6	43.2	45.7	43.6	-960	-960	-960	41.8	44.1	49.5	48.2	42.5	46.7	41.0	38.0	35.9	39.2	32.1	49.5	40.2
7	39.8	45.7	44.4	43.5	49.8	44.3	39.3	34.8	37.6	28.9	41.1	43.8	39.8	44.0	43.0	37.9	37.1	38.3	40.7	45.5	44.1	42.8	41.8	42.0	28.9	49.8	41.3
8	34.1	35.3	31.4	31.4	33.5	35.9	37.7	29.3	25.3	13.4	9.8	8.3	13.1	12.4	19.4	21.4	30.3	32.4	38.1	38.4	35.7	33.7	35.7	33.5	8.3	38.4	27.9
9	30.6	34.4	31.8	26.6	23.7	19.9	14.9	14.6	13.6	7.8	14.3	18.5	17.2	16.5	16.6	17.1	15.2	25.2	26.9	27.1	28.4	25.9	25.1	23.4	7.8	34.4	21.5
10	25.9	23.2	18.0	18.6	18.3	9.6	6.9	9.1	10.9	11.0	12.3	15.0	15.4	16.1	19.3	18.6	15.1	11.3	10.4	23.5	21.2	22.0	23.8	21.3	6.9	25.9	16.5
11	19.4	14.7	12.1	9.9	8.0	7.4	6.9	4.7	10.1	9.5	12.9	15.6	15.1	17.9	16.2	12.9	14.0	12.5	11.6	11.7	14.9	21.9	24.5	28.1	4.7	28.1	13.8
12	27.3	26.4	22.9	23.8	21.5	20.2	21.4	19.1	9.8	7.7	9.4	14.0	15.1	17.1	17.0	24.1	30.3	34.8	31.6	32.6	33.0	29.7	26.0	26.7	7.7	34.8	22.5
13	23.6	23.2	7.8	7.7	11.7	10.4	7.4	9.2	15.8	19.1	14.3	14.5	12.1	13.9	14.4	15.6	14.3	19.2	30.8	36.2	39.1	36.0	40.2	30.5	7.4	40.2	19.5
14	35.0	33.2	39.8	33.5	34.5	32.2	28.4	15.1	20.2	9.6	12.1	11.5	7.7	13.1	23.5	31.1	40.3	40.8	45.5	44.5	46.8	38.7	36.2	31.5	7.7	46.8	29.4
15	33.8	33.4	30.5	31.8	25.9	26.3	24.8	25.4	25.2	17.7	20.4	21.0	32.0	32.5	34.8	36.2	39.2	39.8	40.0	41.0	41.7	38.8	39.8	36.2	17.7	41.7	32.0
16	34.8	32.8	36.2	30.3	31.0	34.2	30.8	14.0	17.5	12.5	9.8	10.9	12.5	21.6	30.0	35.3	33.7	34.9	34.8	36.2	33.9	30.9	27.8	30.1	9.8	36.2	27.4
17	30.0	27.5	25.4	27.0	25.1	24.9	25.5	24.8	20.7	18.4	9.4	12.4	13.9	14.0	13.1	14.6	24.1	29.1	28.3	32.0	33.0	31.1	25.0	25.5	9.4	33.0	23.1
18	27.5	27.8	27.5	23.5	22.9	23.2	19.6	18.6	13.6	17.4	17.1	14.6	14.0	15.6	12.1	12.9	23.5	30.5	30.6	34.1	31.4	30.9	31.1	27.1	12.1	34.1	22.8
19	29.0	23.6	26.6	22.3	16.2	8.3	9.4	5.8	10.9	11.4	8.0	8.0	13.4	13.2	10.7	22.7	24.7	27.3	30.5	31.4	27.0	27.4	21.4	21.5	5.8	31.4	18.8
20	21.1	21.0	21.1	15.8	16.4	13.7	5.8	5.8	9.6	13.0	13.4	13.2	12.5	11.1	12.6	23.5	27.2	30.5	33.0	34.6	31.6	33.9	30.1	31.9	5.8	34.6	20.1
21	30.7	27.8	29.0	22.9	17.2	7.2	13.4	14.9	9.9	7.2	11.3	14.7	13.7	18.0	38.4	42.6	35.2	38.1	20.2	9.9	35.4	35.8	24.3	21.4	7.2	42.6	22.5
22	15.5	15.0	16.2	9.3	10.4	6.4	12.6	13.5	11.5	14.5	18.8	19.6	19.8	18.5	16.6	15.3	14.5	12.5	10.4	20.2	21.7	26.0	23.5	16.4	6.4	26.0	15.8
23	17.1	19.1	21.5	22.0	13.6	9.9	10.8	9.9	9.2	10.6	9.5	11.3	13.3	10.2	27.7	29.8	37.5	32.8	33.2	28.5	35.7	36.1	32.2	29.5	9.2	37.5	21.3
24	30.8	25.0	26.8	24.2	22.1	22.5	23.5	18.9	19.0	9.1	11.5	17.4	13.1	13.4	11.9	11.2	8.8	29.3	31.0	36.8	30.6	27.8	24.3	25.1	8.8	36.8	21.4
25	25.5	24.1	24.8	20.8	20.5	18.9	13.1	15.6	11.8	16.3	16.2	15.5	14.8	15.9	18.0	15.5	13.8	30.2	38.1	29.9	34.6	31.7	32.6	26.5	11.8	38.1	21.9
26	26.2	23.0	22.6	23.1	24.3	23.3	27.0	25.6	18.0	11.7	10.1	12.7	14.0	14.4	14.2	13.4	22.3	33.3	30.5	34.5	31.0	30.0	31.6	25.8	10.1	34.5	22.6
27	25.2	24.7	21.4	15.4	18.1	13.9	12.5	16.2	14.9	8.8	14.5	13.4	14.4	13.0	12.9	9.3	9.9	9.9	31.0	34.1	28.3	28.6	24.8	24.3	8.8	34.1	18.3
28	25.3	25.2	27.5	24.3	21.9	22.0	21.3	19.5	20.1	20.3	14.3	9.2	14.7	25.8	24.0	26.8	28.5	27.9	31.1	31.1	28.5	26.9	34.4	30.9	9.2	34.4	24.2
29	24.2	24.3	26.9	24.2	23.2	20.2	18.6	14.8	20.1	19.5	19.5	18.0	15.9	16.8	13.8	11.2	10.4	12.3	14.0	14.0	24.5	21.9	23.2	15.8	10.4	26.9	18.6
30	15.6	11.9	5.9	7.6	5.8	5.6	7.7	6.6	6.9	10.3	10.6	14.8	13.4	13.7	30.5	30.8	27.8	26.2	24.7	21.9	26.2	27.5	29.5	21.7	5.6	30.8	16.8
31	23.3	21.2	19.3	17.0	18.7	15.2	12.1	14.1	22.2	19.0	18.1	17.6	16.5	16.7	15.1	15.3	12.6	17.3	16.8	13.4	6.5	7.4	8.6	10.5	6.5	23.3	15.6
Min	15.5	11.9	5.9	7.6	5.8	5.6	5.8	4.7	6.9	7.2	8.0	8.0	7.7	10.2	10.7	9.3	8.8	9.9	10.4	9.9	6.5	7.4	8.6	10.5	4.7		
Max	39.8	45.7	44.4	43.5	49.8	44.3	39.3	43.6	43.2	45.7	43.6	43.8	40.0	47.6	45.0	44.1	49.5	48.2	45.5	46.7	46.8	42.8	41.8	42.0		49.8	
Avg	27.8	27.0	26.2	24.1	23.3	20.9	19.8	18.5	18.1	16.3	16.6	16.5	17.4	19.1	22.0	24.1	26.2	29.3	30.1	31.4	31.8	30.6	29.6	27.5			23.9

Total Data Records Possible: 744  
Total Valid Data Records: 741  
Percent Data Recovery: 99.6

#### 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: August  
Year: 2009  
Time Zone: PST

Validation Level: B  
Printout Date: 10-13-2009  
Printout Time: 15:54:04  
Output File Name: WWWB0809.7

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	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.1	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.2	13.7	13.8	13.0	12.9	13.8	13.1	
2	13.0	13.4	13.1	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.3	13.1	13.1	13.7	13.5	13.6	13.2	13.1	13.1	12.9	13.7	13.1	
3	13.0	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.1	13.1	13.0	13.1	13.2	13.0	13.0	13.1	12.9	13.2	13.0	
4	13.1	13.1	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.2	13.0	13.0	13.0	13.1	13.1	13.2	13.0	13.2	13.1	13.0	13.2	13.1	12.9	13.2	13.0
5	13.0	13.2	12.9	13.9	13.0	13.1	13.0	13.0	13.0	13.0	13.1	13.0	13.1	12.9	13.1	13.0	13.1	13.1	12.9	13.1	13.1	13.1	13.1	13.1	12.9	13.9	13.1	
6	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.1	-960	-960	-960	13.0	13.0	13.1	13.0	13.0	13.5	13.0	13.0	13.0	13.3	13.0	13.5	13.1	
7	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	13.0	13.0	13.0	13.0	13.4	13.0	13.0	13.0	13.0	13.0	12.9	13.4	13.0	
8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.1	13.0	13.6	12.9	13.0	12.9	13.0	13.0	12.9	13.6	13.0	
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	13.1	13.0	13.1	13.0	13.1	13.0	13.1	13.0	13.2	13.0	13.0	13.0	13.0	13.0	
10	12.9	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.1	13.0	
11	13.3	13.1	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.0	13.1	12.9	13.0	13.1	13.0	13.1	13.1	12.9	13.3	13.0	
12	13.0	13.1	13.1	13.0	13.1	12.9	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	12.9	13.4	13.0	
13	13.1	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	13.0	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.1	12.9	13.1	13.0	
14	13.9	13.1	13.6	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.1	13.2	13.1	13.3	13.2	13.1	13.1	13.1	13.0	13.0	13.3	12.9	13.9	13.1	
15	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.1	13.0	13.0	13.1	13.0	13.2	13.1	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.2	13.0	
16	13.0	13.6	13.9	13.0	13.0	12.9	13.0	13.1	13.0	12.9	13.1	13.1	13.0	13.0	13.2	13.1	13.1	13.0	13.1	13.1	13.1	13.0	13.0	13.0	12.9	13.9	13.1	
17	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	13.0	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.0	
18	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.1	13.1	13.0	13.0	13.2	13.2	12.9	13.1	13.1	13.1	13.1	13.0	12.9	13.2	13.0	
19	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.1	13.2	13.2	13.1	13.1	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.2	13.1	
20	13.8	13.0	13.0	13.0	13.0	12.9	12.9	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.2	13.3	13.3	13.0	13.0	13.0	13.1	13.1	13.0	12.9	13.8	13.1	
21	13.0	13.0	13.0	13.0	12.9	13.2	13.1	13.2	13.2	13.2	12.9	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.1	12.9	13.2	13.0	
22	13.1	13.1	13.1	13.1	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.1	13.2	13.1	13.0	12.9	13.1	13.0	13.1	12.9	13.8	13.1	
23	13.0	13.5	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.5	13.1	
24	13.1	13.1	13.0	13.0	13.1	13.0	13.0	13.0	13.0	12.9	13.0	13.1	13.0	13.1	13.0	13.2	13.1	13.1	13.0	13.1	13.7	13.1	13.1	13.1	12.9	13.7	13.1	
25	13.1	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.0	13.1	13.0	13.2	13.2	13.0	12.9	13.1	13.7	13.0	13.0	13.1	12.9	13.7	13.1
26	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.2	13.1	13.0	13.1	13.1	13.1	12.9	13.7	13.2	13.2	13.2	13.1	12.9	13.7	13.1	
27	13.0	13.0	13.0	12.9	13.1	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.2	13.1	13.0	13.0	13.3	13.3	13.3	12.9	12.9	13.3	13.1
28	13.1	13.2	13.2	13.2	13.1	13.0	13.1	13.0	13.1	13.0	13.1	13.0	13.2	13.2	13.1	13.2	13.1	13.2	13.0	13.0	12.9	13.0	13.1	12.9	12.9	13.2	13.1	
29	13.1	13.1	13.1	13.1	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.1	13.0	12.9	13.2	13.0
30	13.1	13.0	13.2	13.0	13.1	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.1	13.0	13.0	13.1	13.2	13.1	13.0	12.9	13.2	13.0
31	13.1	13.0	13.1	13.0	13.0	12.9	13.0	13.0	13.0	13.0	12.9	13.1	13.0	13.2	13.1	13.1	13.1	13.2	13.2	13.0	13.0	13.0	13.9	13.1	13.1	12.9	13.9	13.1
Min	12.9	13.0	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	13.0	13.0	13.0	12.9	12.9	12.9	12.9	13.0	12.9	12.9			
Max	13.9	13.6	13.9	13.9	13.1	13.2	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.3	13.3	13.3	13.7	13.7	13.7	13.9	13.8	13.8		13.9		
Avg	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1			13.1	

Total Data Records Possible: 744  
Total Valid Data Records: 741  
Percent Data Recovery: 99.6

#### 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