

# White Water Wash Meteorological Data

July 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: July  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 08-11-2011  
Printout Time: 15:32:25  
Output File Name: WWWB0711.9

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	19.6	20.3	17.0	16.0	13.1	9.0	9.0	8.4	2.4	2.2	5.2	6.9	6.0	5.6	4.8	5.0	4.1	10.2	18.3	20.0	20.1	20.4	20.2	19.8	2.2	20.4	11.8
2	14.8	14.5	15.3	15.0	11.4	10.6	6.9	6.7	3.2	3.9	6.3	8.7	11.3	11.1	9.9	10.0	10.4	18.1	18.1	19.1	18.9	18.8	20.4	16.7	3.2	20.4	12.5
3	15.9	14.1	12.1	14.7	5.1	3.7	2.8	6.1	7.6	3.9	3.8	4.0	7.7	9.1	7.1	4.9	4.6	4.1	4.4	5.0	9.7	3.1	2.2	5.2	2.2	15.9	6.7
4	3.7	8.4	9.8	5.1	6.0	3.8	3.2	2.7	6.6	8.0	9.3	9.3	9.1	10.5	12.9	12.0	12.7	10.6	9.3	19.2	22.5	17.5	14.5	18.1	2.7	22.5	10.2
5	19.7	18.0	15.3	13.7	14.2	10.8	5.9	1.9	5.4	6.4	3.4	3.5	3.8	5.0	6.0	6.0	5.7	20.7	24.0	25.7	25.0	23.3	21.9	20.5	1.9	25.7	12.7
6	19.5	12.2	9.3	2.4	4.2	4.2	4.7	2.0	4.2	7.8	8.5	6.1	5.8	7.4	6.2	11.5	13.6	13.3	15.9	12.5	14.8	16.3	16.8	18.5	2.0	19.5	9.9
7	17.6	16.6	15.1	15.7	13.9	11.1	6.1	14.4	12.6	4.4	4.4	5.3	7.5	17.0	18.7	20.4	22.4	24.5	23.9	23.9	25.2	24.6	21.8	23.7	4.4	25.2	16.3
8	21.8	21.2	19.9	20.3	18.1	19.0	18.2	19.0	14.8	11.2	14.3	17.6	21.4	22.2	24.8	26.4	28.1	28.3	28.5	28.1	29.7	26.8	27.3	24.6	11.2	29.7	22.2
9	21.3	21.7	22.4	21.0	19.4	17.0	18.1	16.8	11.1	8.7	6.4	9.4	6.5	14.3	19.4	23.4	26.3	25.6	25.8	25.2	25.8	26.2	21.7	18.8	6.4	26.3	18.8
10	19.3	17.1	14.8	16.2	10.9	3.5	3.0	4.1	3.2	3.6	3.4	3.8	7.1	19.1	23.5	26.7	26.8	25.8	25.5	24.5	24.6	23.8	20.6	19.9	3.0	26.8	15.5
11	19.8	20.0	14.4	16.4	15.5	10.7	4.5	4.3	3.0	3.9	5.3	4.1	5.0	12.4	21.6	24.5	24.6	22.8	22.5	23.8	25.2	23.9	22.8	22.7	3.0	25.2	15.6
12	20.9	20.7	23.6	22.9	18.8	18.0	19.0	18.0	17.8	11.5	7.0	8.6	13.0	22.9	26.4	28.9	29.4	27.3	27.1	27.9	28.3	29.0	27.1	28.2	7.0	29.4	21.8
13	26.9	25.7	25.5	21.6	20.8	20.5	17.3	20.8	24.1	23.4	25.0	26.3	22.8	24.7	27.0	27.8	27.8	28.3	27.8	26.8	29.5	30.4	30.7	29.7	17.3	30.7	25.5
14	26.8	23.4	26.3	27.8	23.1	21.9	23.9	20.2	19.7	20.4	20.6	21.8	22.6	21.4	25.6	26.4	24.2	26.3	26.3	27.1	27.4	26.5	25.9	25.0	19.7	27.8	24.2
15	24.4	21.6	23.7	21.5	19.5	17.7	19.6	16.0	14.9	13.8	11.0	10.0	11.9	13.0	18.3	23.2	24.2	22.4	24.9	25.3	26.8	26.3	25.2	23.9	10.0	26.8	20.0
16	23.7	22.7	21.4	19.3	22.1	20.0	17.5	17.5	19.7	17.2	16.5	14.9	16.3	17.5	17.9	21.1	22.8	23.0	22.6	21.9	23.6	23.3	23.6	25.5	14.9	25.5	20.5
17	23.6	21.7	17.1	17.9	17.3	16.1	19.9	19.0	16.3	13.5	8.6	6.2	4.7	7.5	12.6	14.5	17.3	20.2	20.4	19.3	22.5	22.1	22.4	22.9	4.7	23.6	16.8
18	21.3	18.2	11.7	8.9	9.0	8.5	4.8	6.0	2.7	4.1	3.5	5.3	7.0	8.6	7.9	7.6	7.8	6.6	17.3	20.0	21.5	21.7	18.8	17.3	2.7	21.7	11.1
19	15.5	14.2	12.5	10.3	5.8	6.5	5.0	2.8	2.2	4.5	5.6	6.4	7.7	7.4	6.5	14.3	20.0	21.9	20.9	19.7	22.6	25.1	23.4	22.2	2.2	25.1	12.6
20	22.4	20.9	18.1	15.4	15.8	6.3	5.7	4.2	2.9	4.7	4.4	12.6	13.8	16.1	19.7	23.3	25.9	26.9	27.9	28.3	28.5	28.8	27.5	26.5	2.9	28.8	17.8
21	26.1	21.0	17.9	18.0	19.7	16.5	6.9	4.8	5.2	4.4	6.2	14.4	12.2	11.8	20.6	24.7	25.3	25.8	28.2	29.9	29.8	27.0	27.0	26.5	4.4	29.9	18.7
22	21.6	14.6	17.6	4.2	3.1	5.1	10.8	7.1	4.5	7.3	5.5	5.5	5.9	7.5	6.0	14.0	20.9	22.0	23.9	24.8	25.7	24.2	25.2	18.1	3.1	25.7	13.5
23	12.6	13.9	10.4	5.3	7.0	7.1	7.1	7.4	3.7	5.7	5.0	6.6	7.2	6.7	7.0	6.9	6.3	6.4	6.2	12.8	15.3	8.8	7.3	5.7	3.7	15.3	7.8
24	6.1	4.1	6.1	4.5	2.7	4.7	4.1	2.9	6.6	7.8	8.2	7.2	7.0	7.2	5.9	3.7	3.0	5.8	4.3	1.7	7.3	13.0	13.8	12.9	1.7	13.8	6.3
25	10.8	11.1	11.9	10.3	6.2	9.9	4.2	6.8	3.6	3.3	7.6	8.1	8.5	9.8	8.1	10.4	17.3	23.5	24.1	24.3	26.5	26.0	25.1	22.9	3.3	26.5	13.3
26	22.3	19.8	20.1	20.2	14.4	11.9	12.5	13.8	9.4	8.4	7.5	11.9	16.8	19.9	22.9	23.1	23.1	20.9	24.0	24.7	23.9	24.5	24.3	19.0	7.5	24.7	18.3
27	15.1	16.7	16.7	13.0	13.2	14.5	13.5	14.0	8.3	4.4	6.0	8.4	9.8	11.2	10.1	11.4	10.0	14.9	21.5	22.4	23.1	23.0	22.6	21.4	4.4	23.1	14.4
28	19.6	20.9	23.6	20.9	18.3	17.4	15.1	14.2	12.9	4.8	4.1	5.5	6.6	6.9	6.9	5.5	15.7	22.6	21.5	22.4	23.0	23.5	24.0	23.0	4.1	24.0	15.8
29	21.2	17.7	16.9	20.9	19.6	18.6	21.0	13.4	8.9	10.7	4.4	3.4	5.0	11.3	18.7	20.2	22.2	24.9	25.4	27.8	27.0	24.5	22.9	20.5	3.4	27.8	17.8
30	19.9	19.7	14.4	13.9	14.4	10.3	14.2	13.8	11.7	4.9	7.3	7.5	8.3	7.8	5.9	13.6	16.2	16.0	17.4	17.3	17.6	18.4	18.0	17.9	4.9	19.9	13.6
31	17.6	18.0	13.3	7.5	11.4	8.0	5.3	4.2	6.8	10.2	12.3	16.8	10.4	10.4	11.2	8.3	11.9	6.4	5.3	6.7	8.9	11.1	12.9	15.0	4.2	18.0	10.4
Min	3.7	4.1	6.1	2.4	2.7	3.5	2.8	1.9	2.2	2.2	3.4	3.4	3.8	5.0	4.8	3.7	3.0	4.1	4.3	1.7	7.3	3.1	2.2	5.2	1.7		
Max	26.9	25.7	26.3	27.8	23.1	21.9	23.9	20.8	24.1	23.4	25.0	26.3	22.8	24.7	27.0	28.9	29.4	28.3	28.5	29.9	29.8	30.4	30.7	29.7	30.7		
Avg	19.1	17.8	16.6	14.9	13.4	11.7	10.6	10.1	8.9	8.0	7.9	9.2	10.0	12.4	14.2	16.1	17.8	19.2	20.4	21.2	22.6	22.0	21.2	20.4			15.2

Total Data Records Possible: 744  
Total Valid Data Records: 744  
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: July  
 Year: 2011  
 Time Zone: PST

Validation Level: B  
 Printout Date: 08-11-2011  
 Printout Time: 15:32:26  
 Output File Name: WWWB0711.10

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	304	315	310	309	319	315	313	322	304	179	192	171	130	162	151	158	135	255	301	300	299	301	305	312	[NW ]
2	328	329	323	320	329	328	332	328	331	137	148	151	138	143	151	142	63	301	304	306	304	302	301	316	[NNW]
3	312	309	22	120	112	125	135	110	132	169	173	166	131	131	129	134	158	159	152	124	306	51	325	325	[SE ]
4	358	101	105	120	106	170	183	113	136	150	142	136	146	150	137	129	119	123	110	304	304	312	318	306	[ESE]
5	307	309	300	305	300	299	269	224	126	153	144	295	182	145	89	105	228	301	300	299	302	300	301	300	[WNW]
6	297	135	154	112	341	354	25	122	134	123	131	121	167	171	212	293	310	313	324	318	310	303	299	315	[NW ]
7	308	307	315	315	321	330	290	302	292	296	267	293	299	303	304	307	305	302	303	301	298	296	298	296	[WNW]
8	301	314	313	308	311	315	304	296	295	301	297	295	300	302	302	304	301	299	300	301	300	302	305	306	[WNW]
9	314	303	303	309	298	299	301	293	293	308	295	309	294	310	309	301	301	302	298	298	299	299	296	298	[WNW]
10	299	296	299	305	303	231	197	182	186	133	100	277	343	305	301	306	303	301	300	298	301	304	304	299	[WNW]
11	298	300	300	313	314	319	229	210	178	150	147	132	95	309	300	301	304	304	300	301	299	300	298	295	[WNW]
12	298	302	296	303	319	320	307	304	298	294	305	308	307	299	300	301	300	301	302	298	300	298	299	299	[WNW]
13	297	299	302	326	307	305	297	287	294	295	296	299	299	305	302	299	301	300	300	300	299	299	299	298	[WNW]
14	299	296	307	306	300	300	299	299	298	298	296	299	300	302	303	303	301	305	303	302	303	300	299	302	[WNW]
15	297	296	295	297	295	292	299	299	297	300	302	298	307	299	299	300	301	304	302	300	300	299	301	300	[WNW]
16	301	305	298	299	306	313	317	308	295	294	298	300	298	300	299	299	301	302	304	306	303	303	305	304	[WNW]
17	305	306	316	312	314	314	306	302	303	302	317	332	285	318	298	300	301	299	301	303	301	301	306	311	[WNW]
18	309	310	320	323	332	296	288	302	288	166	143	141	130	132	146	139	144	127	303	301	299	300	302	301	[WNW]
19	306	305	303	299	285	308	260	165	176	164	167	149	123	128	117	316	308	303	305	308	306	301	300	298	[NW ]
20	297	293	291	284	292	263	262	198	218	185	179	309	307	307	308	302	298	300	303	299	300	301	296	299	[WNW]
21	299	290	284	281	279	280	241	211	187	160	205	316	315	309	302	301	298	299	296	298	301	305	310	310	[WNW]
22	300	283	289	206	276	296	293	226	189	147	147	124	128	140	138	298	301	300	300	300	298	300	298	287	[WNW]
23	289	298	304	31	337	333	323	318	268	148	157	166	153	157	135	152	138	128	125	308	306	343	335	347	[SSE]
24	349	342	317	332	344	360	314	179	146	137	151	139	151	149	153	150	151	123	130	175	260	302	303	308	[SSE]
25	304	321	312	321	350	315	286	286	246	268	154	145	136	141	143	229	294	303	302	302	300	300	298	297	[WNW]
26	297	296	298	296	277	283	290	295	287	308	319	309	299	301	304	303	304	309	304	303	303	300	300	293	[WNW]
27	293	297	298	305	314	320	310	305	312	127	151	141	133	138	137	122	121	306	302	305	304	303	304	306	[NW ]
28	310	302	302	306	306	308	306	309	299	282	178	136	147	151	155	121	302	300	302	302	301	300	299	299	[WNW]
29	300	309	311	315	311	315	309	283	274	305	246	293	261	301	301	303	301	299	301	300	299	300	300	298	[WNW]
30	303	306	292	310	310	325	303	304	305	312	144	143	148	149	130	302	297	300	301	301	304	305	306	314	[NW ]
31	314	307	328	327	334	311	290	314	291	295	307	324	307	293	291	316	309	304	293	324	320	308	313	302	[NW ]

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

Total Data Records Possible: 744  
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- 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: July  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 08-11-2011  
Printout Time: 15:32:26  
Output File Name: WWWB0711.10t

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

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

Total Data Records Possible: 744  
Total Valid Data Records: 744  
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: Sigma Theta (Yamartino)  
Units: degrees  
Channel: 11

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

Validation Level: B  
Printout Date: 08-11-2011  
Printout Time: 15:32:27  
Output File Name: WWWB0711.11

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	7.5	7.4	7.3	7.5	8.3	9.7	9.4	11.3	39.0	60.4	31.5	28.5	28.1	37.0	35.0	37.4	38.5	28.5	7.8	7.7	7.7	8.1	7.5	7.5	7.3	60.4	20.0
2	9.3	8.1	8.2	7.0	9.5	8.9	9.7	9.8	29.6	28.0	19.7	21.1	13.8	16.6	15.9	12.8	31.2	8.9	9.3	8.4	9.5	7.4	7.6	8.0	7.0	31.2	13.3
3	7.3	7.8	20.7	9.9	14.9	11.1	11.4	16.3	17.0	27.1	37.7	50.7	24.0	17.5	23.5	36.7	27.8	26.8	8.5	18.2	22.3	37.2	46.6	12.5	7.3	50.7	22.2
4	11.2	21.9	9.5	10.6	8.8	20.2	13.9	42.4	19.8	20.4	19.7	17.3	22.0	17.3	15.8	14.1	13.3	11.9	44.9	8.5	7.9	7.7	7.7	7.2	7.2	44.9	16.4
5	7.1	7.4	7.2	7.8	7.2	7.5	10.1	28.3	17.9	13.6	53.3	53.1	74.8	35.2	30.2	58.5	65.2	8.5	7.7	7.9	7.7	7.4	7.4	7.4	7.1	74.8	22.4
6	13.9	16.4	9.8	27.3	16.6	22.6	11.4	40.5	32.2	14.9	13.5	20.1	16.9	18.6	24.7	23.3	9.6	8.6	8.4	9.7	10.3	9.0	8.4	9.0	8.4	40.5	16.5
7	8.5	8.3	8.1	8.7	8.7	7.9	32.4	9.8	18.9	47.6	49.3	71.9	52.7	18.0	11.6	9.4	8.6	7.8	7.6	7.9	7.6	7.8	8.3	8.5	7.6	71.9	18.2
8	8.6	9.6	9.5	9.0	9.3	8.5	10.2	8.1	12.0	15.0	16.7	13.2	10.8	11.5	10.4	9.0	8.0	8.2	8.1	8.3	8.0	8.4	8.9	7.8	7.8	16.7	9.9
9	9.6	8.7	9.1	9.6	8.4	8.8	9.0	9.1	14.4	28.8	38.8	30.4	44.6	22.4	15.4	9.7	8.9	9.0	7.6	8.4	9.3	8.6	7.9	8.3	7.6	44.6	14.4
10	8.8	9.0	11.4	10.1	10.6	24.9	16.8	19.2	53.6	38.7	40.2	57.6	35.4	13.1	10.4	8.5	8.3	8.4	9.3	9.1	9.5	9.0	10.3	9.4	8.3	57.6	18.4
11	8.4	9.0	9.9	8.5	8.7	14.6	26.1	17.5	51.7	36.5	35.1	64.3	33.8	23.5	11.4	9.3	10.1	10.3	10.7	12.7	8.1	8.2	7.7	9.3	7.7	64.3	18.6
12	8.6	9.1	8.0	9.4	9.8	8.9	8.8	8.6	8.4	16.4	37.4	32.7	27.4	10.9	9.0	8.4	9.5	9.4	11.4	8.6	8.2	7.7	8.7	8.3	7.7	37.4	12.2
13	8.4	8.7	10.0	11.1	10.8	12.6	13.4	9.4	8.3	8.8	8.2	8.6	9.9	13.0	8.8	9.3	9.0	8.6	8.9	9.4	8.3	8.6	9.1	9.0	8.2	13.4	9.6
14	8.6	8.6	8.6	9.3	8.8	8.4	7.3	7.7	7.8	8.3	9.9	9.3	9.7	11.9	9.8	9.3	12.0	9.9	9.6	8.5	8.9	7.9	7.7	7.8	7.3	12.0	9.0
15	7.5	7.9	8.6	8.9	10.1	8.6	7.4	7.5	9.2	10.5	16.0	28.3	19.6	17.0	11.5	8.6	9.1	10.3	8.0	8.3	7.9	7.0	7.1	7.6	7.0	28.3	10.5
16	8.0	7.8	8.4	8.8	9.3	10.1	11.2	9.6	8.5	10.8	10.4	13.7	14.0	11.9	11.3	9.5	9.3	9.1	8.2	8.0	7.3	7.4	7.3	7.4	7.3	14.0	9.5
17	7.5	7.9	8.7	7.9	7.8	8.3	8.1	7.4	7.7	10.3	19.4	53.5	68.2	37.0	19.5	14.5	9.6	8.0	7.6	8.2	7.6	7.0	7.5	7.3	7.0	68.2	14.9
18	7.6	8.2	8.8	9.6	11.1	9.8	11.7	14.3	32.6	27.7	48.3	34.3	28.8	18.3	19.0	20.5	18.0	34.9	10.9	7.6	7.2	7.0	7.5	7.4	7.0	48.3	17.1
19	7.5	8.8	8.9	10.3	12.9	10.8	25.8	21.2	45.5	36.9	23.9	35.0	21.7	21.6	37.6	26.5	12.9	9.2	9.6	11.2	10.9	7.2	7.3	8.0	7.2	45.5	18.0
20	7.7	7.9	9.4	10.1	8.4	18.5	21.7	16.2	26.5	19.8	60.9	19.4	21.1	14.9	14.1	11.3	8.5	7.9	8.8	8.1	8.3	9.2	9.2	9.4	7.7	60.9	14.9
21	10.9	12.5	12.5	11.5	10.1	11.6	36.1	36.7	14.5	48.2	33.0	22.6	21.3	26.9	13.8	9.5	8.9	9.7	8.3	8.3	8.9	10.9	10.8	9.0	8.3	48.2	16.9
22	10.8	13.9	17.9	50.3	36.2	35.9	15.5	20.4	24.7	17.7	25.9	35.6	28.7	21.8	38.4	20.9	8.6	8.0	7.9	8.5	7.6	7.7	7.2	9.4	7.2	50.3	20.0
23	12.7	9.5	11.1	27.1	16.7	10.5	9.5	11.3	29.3	20.2	26.8	20.9	26.0	28.3	26.0	22.3	18.3	14.0	10.0	36.1	8.5	26.1	24.2	14.2	8.5	36.1	19.1
24	11.9	12.4	9.5	10.4	7.1	16.6	9.1	36.7	19.6	16.3	17.8	21.0	27.2	18.1	14.5	13.4	34.1	11.3	8.2	25.5	20.5	7.7	7.8	6.8	6.8	36.7	16.0
25	7.0	10.4	11.3	9.5	17.4	11.0	17.5	15.6	23.2	52.7	18.2	19.5	20.6	15.5	18.6	39.7	19.1	9.5	10.1	8.8	8.7	7.8	7.6	8.2	7.0	52.7	16.1
26	7.9	7.8	8.1	8.3	12.8	12.5	10.1	9.7	22.8	22.1	36.2	22.4	17.3	15.4	10.7	10.2	11.3	14.0	10.9	8.5	7.8	7.4	7.6	7.9	7.4	36.2	12.9
27	8.8	7.7	7.8	8.4	8.7	10.1	7.7	7.5	21.6	32.5	22.8	20.4	18.1	16.8	15.3	13.0	13.4	24.4	8.9	8.3	7.5	6.9	7.3	7.2	6.9	32.5	13.0
28	7.3	7.3	7.0	7.2	7.6	7.1	8.2	8.2	11.0	38.8	42.7	47.8	26.6	23.2	25.8	29.8	45.1	7.8	8.0	8.3	7.4	7.5	7.2	7.3	7.0	47.8	16.8
29	7.5	8.1	8.1	7.6	7.9	7.7	7.6	13.8	17.9	14.3	48.7	53.0	39.5	20.0	9.8	9.3	9.3	8.1	9.7	7.9	7.5	7.6	8.2	7.8	7.5	53.0	14.5
30	7.7	8.8	8.3	9.4	7.4	14.3	7.4	6.7	7.2	25.8	41.8	22.2	19.0	15.0	14.5	20.5	9.7	11.1	9.0	8.5	8.0	7.7	7.8	8.1	6.7	41.8	12.7
31	7.7	7.8	20.5	43.3	8.6	11.9	13.0	15.3	26.2	17.3	43.1	9.3	10.2	8.1	7.1	12.4	8.2	9.3	8.4	9.7	8.8	6.6	7.2	7.2	6.6	43.3	13.6
Min	7.0	7.3	7.0	7.0	7.1	7.1	7.3	6.7	7.2	8.3	8.2	8.6	9.7	8.1	7.1	8.4	8.0	7.8	7.6	7.6	7.2	6.6	7.1	6.8	6.6		
Max	13.9	21.9	20.7	50.3	36.2	35.9	36.1	42.4	53.6	60.4	60.9	71.9	74.8	37.0	38.4	58.5	65.2	34.9	44.9	36.1	22.3	37.2	46.6	14.2	74.8		
Avg	8.8	9.5	10.1	12.7	11.0	12.6	13.5	16.0	21.9	25.4	30.5	30.9	26.8	19.2	17.4	17.7	16.6	12.0	10.1	10.4	9.1	9.4	9.8	8.4		15.4	

Total Data Records Possible: 744  
Total Valid Data Records: 744  
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: July  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 08-11-2011  
Printout Time: 15:32:34  
Output File Name: WWWB0711.17

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	29.1	29.1	25.8	25.6	23.7	16.8	16.1	13.4	6.0	6.8	13.2	13.2	15.0	17.6	14.0	10.6	8.3	24.2	28.6	29.7	29.7	29.0	32.9	30.5	6.0	32.9	20.4
2	25.9	24.2	25.2	23.2	18.3	17.2	12.0	9.9	7.1	9.7	11.7	17.0	18.6	17.5	17.8	15.0	25.7	29.5	31.7	29.4	28.7	27.5	30.8	24.9	7.1	31.7	20.8
3	24.8	21.8	31.7	26.9	13.4	7.4	5.3	15.6	14.0	6.6	8.8	9.5	15.8	15.5	15.5	10.7	17.2	8.3	9.4	13.4	17.1	15.8	7.1	9.6	5.3	31.7	14.2
4	6.0	18.5	16.7	10.4	9.7	7.7	7.3	7.7	11.1	14.3	16.9	15.8	17.1	17.4	22.5	19.2	19.1	16.7	24.2	30.5	34.0	28.9	23.5	27.0	6.0	34.0	17.6
5	27.5	28.1	24.7	21.3	20.8	17.0	13.1	4.7	10.4	10.3	7.2	9.9	11.5	10.6	13.9	16.8	22.5	30.0	36.4	38.5	36.7	35.1	31.0	31.1	4.7	38.5	21.2
6	29.2	22.0	16.6	9.4	7.4	7.8	10.3	6.5	9.8	17.6	13.5	10.6	11.5	14.0	15.1	24.5	22.9	22.6	24.5	23.0	27.1	27.8	24.9	29.7	6.5	29.7	17.8
7	28.4	26.1	22.1	24.2	22.3	17.0	16.1	23.5	22.9	15.0	9.7	14.2	21.7	30.8	30.0	30.0	32.2	35.9	36.2	34.2	36.2	36.5	35.5	35.5	9.7	36.5	26.5
8	33.5	35.9	32.2	30.3	29.7	29.8	28.6	29.4	26.8	20.8	27.3	31.9	32.2	37.3	37.0	38.5	42.2	41.9	41.9	46.3	45.7	41.1	41.1	36.8	20.8	46.3	34.9
9	33.6	34.7	36.4	35.2	31.6	28.2	29.5	28.7	19.7	16.8	14.8	23.2	19.6	28.6	32.7	36.2	40.3	38.9	38.9	40.5	39.9	40.5	34.4	33.5	14.8	40.5	31.5
10	32.7	32.7	23.5	26.8	24.8	11.1	7.5	9.6	7.6	9.4	7.7	9.1	24.9	32.0	37.4	39.0	39.6	38.2	40.3	39.0	40.4	39.5	36.2	38.3	7.5	40.4	27.0
11	30.3	31.0	27.6	27.8	25.2	19.1	7.3	8.0	7.9	8.3	11.9	9.7	12.8	25.6	32.9	36.5	38.9	39.1	38.6	38.8	37.4	36.6	34.9	36.2	7.3	39.1	25.9
12	36.0	34.6	38.1	37.6	32.1	28.3	29.4	26.3	28.5	20.2	15.1	20.2	27.0	36.1	42.2	43.0	48.4	43.0	45.8	42.0	44.4	42.1	45.9	43.9	15.1	48.4	35.4
13	44.6	40.7	41.4	34.9	35.4	33.3	30.5	35.3	38.1	37.9	36.5	39.7	35.7	38.5	39.2	41.8	46.0	43.0	44.1	44.2	44.4	47.6	49.1	45.3	30.5	49.1	40.3
14	44.6	36.8	45.4	45.7	36.8	33.4	37.1	32.2	31.0	31.4	30.7	31.0	33.2	36.6	38.7	38.9	39.4	42.2	42.3	41.3	43.6	41.3	39.2	36.4	30.7	45.7	37.9
15	36.0	33.0	38.6	37.0	34.0	28.8	28.5	23.7	23.2	21.3	19.8	19.7	23.3	24.0	29.7	35.6	35.4	34.7	37.9	38.7	41.9	38.1	38.4	35.0	19.7	41.9	31.5
16	37.8	36.2	37.3	30.1	36.8	36.3	27.7	31.0	30.3	25.0	25.2	25.5	26.9	27.5	30.1	33.9	35.8	34.3	33.0	34.5	34.4	34.8	37.4	25.0	37.8	32.0	
17	35.4	33.0	27.3	30.5	28.9	25.7	29.0	27.4	23.4	20.4	16.5	18.3	13.1	19.5	22.3	23.9	26.2	29.4	32.9	29.7	32.6	33.1	34.3	34.0	13.1	35.4	27.0
18	34.8	26.5	20.0	16.4	16.1	15.9	13.2	8.9	7.2	9.2	10.6	11.4	14.9	15.8	15.7	13.5	11.9	11.6	27.3	30.9	31.0	31.0	26.9	26.2	7.2	34.8	18.6
19	25.0	26.3	22.4	18.5	16.8	15.3	15.9	6.5	6.0	10.6	11.1	12.8	14.6	15.7	23.5	27.8	36.8	36.5	32.7	34.1	36.7	34.8	33.5	34.3	6.0	36.8	22.8
20	33.0	33.3	32.6	27.3	24.5	16.5	17.1	8.6	7.2	9.6	11.4	23.0	27.3	29.6	34.0	37.0	41.8	38.1	44.1	41.3	43.8	45.3	45.5	40.4	7.2	45.5	29.7
21	45.7	40.5	31.9	33.1	32.4	29.1	21.4	12.0	7.9	9.4	24.4	26.9	24.8	25.5	34.2	38.1	39.7	39.8	43.5	49.4	44.7	45.0	48.1	45.9	7.9	49.4	33.1
22	40.9	29.2	35.0	19.1	12.6	13.7	20.3	17.1	11.7	12.6	10.8	12.1	13.1	14.5	17.8	26.2	29.8	32.7	36.5	40.8	37.2	36.1	36.0	32.4	10.8	40.9	24.5
23	21.0	21.9	19.0	14.0	13.9	13.6	11.8	11.9	9.9	11.6	11.5	13.8	16.6	13.7	13.7	12.6	11.4	10.5	10.6	22.9	24.2	18.6	15.6	10.7	9.9	24.2	14.8
24	10.9	7.2	9.4	8.6	4.9	7.3	8.8	7.6	13.4	13.4	15.1	14.6	15.4	13.1	11.4	7.8	6.4	10.5	8.1	3.5	17.5	19.3	21.9	20.1	3.5	21.9	11.5
25	18.6	18.5	17.7	17.9	15.3	18.3	12.7	11.8	9.0	9.5	13.7	13.7	16.7	16.7	15.1	26.5	32.7	36.4	40.9	39.8	40.6	36.9	34.7	34.6	9.0	40.9	22.8
26	37.0	32.1	29.5	32.2	27.8	24.6	22.1	21.7	19.3	18.7	18.6	23.3	33.3	37.0	34.6	36.0	37.8	36.2	39.5	38.7	35.2	34.1	35.5	32.9	18.6	39.5	30.7
27	25.9	26.7	25.4	20.2	22.1	25.7	20.0	20.3	16.4	10.4	11.4	15.4	18.2	18.0	17.2	17.3	15.3	30.1	33.4	32.6	34.1	32.4	31.8	30.8	10.4	34.1	23.0
28	28.6	32.2	33.0	32.4	27.1	24.6	22.4	22.0	19.6	14.5	10.1	14.3	15.2	14.5	13.9	12.3	29.3	33.3	32.4	35.3	33.5	33.8	35.1	34.2	10.1	35.3	25.1
29	32.1	30.4	28.1	31.0	28.9	31.4	30.8	27.4	18.0	17.9	12.9	11.1	13.0	22.4	29.5	31.0	33.4	38.8	41.8	42.5	40.2	36.5	34.8	35.7	11.1	42.5	29.2
30	31.5	30.3	25.7	22.7	20.5	18.5	21.9	19.4	17.2	10.5	16.1	15.7	15.2	15.6	10.5	25.1	23.2	28.7	26.5	28.2	30.5	28.7	28.8	27.5	10.5	31.5	22.4
31	24.5	27.5	26.6	20.6	19.0	17.0	9.0	9.1	15.4	20.0	25.8	28.6	17.2	16.5	16.5	15.3	18.6	12.1	8.3	12.6	13.7	16.3	19.5	23.1	8.3	28.6	18.0
Min	6.0	7.2	9.4	8.6	4.9	7.3	5.3	4.7	6.0	6.6	7.2	9.1	11.5	10.6	10.5	7.8	6.4	8.3	8.1	3.5	13.7	15.8	7.1	9.6	3.5		
Max	45.7	40.7	45.4	45.7	36.8	36.3	37.1	35.3	38.1	37.9	36.5	39.7	35.7	38.5	42.2	43.0	48.4	43.0	45.8	49.4	45.7	47.6	49.1	45.9	49.4		
Avg	30.5	29.1	28.0	25.5	23.0	20.5	18.8	17.3	16.0	15.1	15.8	17.9	19.8	22.5	24.4	26.4	29.2	30.6	32.7	33.7	34.8	33.7	33.0	32.1			25.4

Total Data Records Possible: 744  
Total Valid Data Records: 744  
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: July  
Year: 2011  
Time Zone: PST

Validation Level: B  
Printout Date: 08-11-2011  
Printout Time: 15:32:23  
Output File Name: WWWB0711.7

Day	1	2	3	4	5	6	7	8	9	10	11	Hour Ending 12	13	14	15	16	17	18	19	20	21	22	23	24	Min	Max	Avg
1	13.5	13.5	13.4	13.5	13.2	13.1	13.1	12.9	13.1	13.0	13.1	12.9	12.9	13.0	12.9	13.0	13.2	13.3	13.2	13.4	13.1	13.0	13.0	12.9	12.9	13.5	13.1
2	13.8	13.2	13.2	13.0	13.1	13.3	13.2	13.3	13.0	12.9	13.1	13.0	13.0	13.0	13.3	13.1	13.1	13.1	13.1	13.0	13.0	12.9	13.9	13.1	12.9	13.9	13.2
3	13.1	13.1	13.1	13.1	13.2	13.1	13.2	13.2	12.9	13.2	13.0	12.9	13.0	13.2	13.0	13.5	13.4	12.9	13.8	13.2	13.4	13.9	13.2	13.8	12.9	13.9	13.2
4	13.2	13.3	13.3	13.3	13.3	13.0	13.0	14.1	13.1	14.2	13.0	13.8	13.1	12.9	13.8	13.2	13.2	13.5	12.9	12.9	12.9	13.3	13.3	12.9	12.9	14.2	13.3
5	13.5	13.7	14.4	13.2	12.9	13.3	13.6	13.3	12.9	12.8	14.1	13.1	12.9	12.9	13.1	13.0	12.9	13.2	12.9	12.9	13.1	13.3	13.6	12.9	12.8	14.4	13.2
6	13.4	13.1	13.8	13.6	13.4	14.4	13.1	12.9	13.1	12.9	13.4	13.0	13.5	14.2	12.9	14.2	13.0	13.1	12.9	13.0	13.3	12.9	13.3	13.7	12.9	14.4	13.3
7	13.3	14.5	13.0	13.4	13.1	12.9	12.9	13.1	13.2	13.1	13.0	14.2	13.0	13.0	13.1	13.1	13.8	13.6	13.1	13.4	13.0	13.3	13.3	13.1	12.9	14.5	13.3
8	13.2	13.3	13.3	13.4	13.3	12.9	13.2	13.0	13.0	13.3	13.0	13.1	13.1	13.1	13.0	13.3	13.3	13.1	13.2	13.0	13.3	13.3	14.2	13.0	12.9	14.2	13.2
9	14.3	13.3	13.1	13.4	13.3	14.5	12.9	14.2	12.9	13.4	13.3	12.9	13.1	13.1	13.2	13.2	13.1	13.2	13.1	13.1	13.3	13.3	13.4	13.4	12.9	14.5	13.3
10	13.1	13.4	13.5	13.6	13.2	13.4	13.1	13.0	12.9	13.0	13.3	13.1	13.0	13.0	13.1	13.1	12.9	13.1	14.2	13.2	13.6	13.3	13.2	13.3	12.9	14.2	13.2
11	13.2	13.1	13.5	13.4	13.5	13.2	13.5	13.0	13.6	13.4	13.3	13.1	13.1	13.2	13.0	13.0	13.9	12.9	13.0	13.2	13.1	13.2	13.3	12.9	12.9	13.9	13.2
12	13.2	13.4	13.0	13.0	12.9	14.7	13.0	13.9	12.9	12.9	12.9	12.9	13.2	13.2	12.9	12.9	13.0	13.1	13.2	13.3	13.6	13.3	13.0	12.9	12.9	14.7	13.2
13	13.2	13.0	13.0	13.1	13.1	13.3	13.0	14.9	13.9	12.9	12.9	13.1	13.4	13.1	13.1	12.9	13.0	12.9	12.9	13.1	13.4	13.1	12.9	13.2	12.9	14.9	13.2
14	12.9	13.0	13.0	12.9	13.6	13.6	12.9	13.3	12.7	13.1	13.1	12.9	13.1	12.9	13.9	12.9	13.1	12.9	13.0	13.1	13.4	13.1	12.9	13.0	12.7	13.9	13.1
15	13.2	13.1	13.1	13.0	12.9	13.1	12.9	13.0	13.0	13.3	13.0	14.2	12.9	13.1	13.9	14.3	13.0	13.9	13.0	13.3	13.2	13.3	13.0	14.7	12.9	14.7	13.3
16	13.3	13.5	14.3	13.0	12.9	13.6	13.0	13.4	13.0	13.0	13.1	12.9	12.9	13.0	14.2	13.8	13.5	13.3	12.9	13.2	13.3	13.1	12.9	12.9	12.9	14.3	13.3
17	13.0	12.9	13.1	13.2	13.1	12.9	12.9	13.1	13.0	12.7	14.2	13.6	13.2	13.0	13.6	13.0	13.2	13.1	12.9	13.2	13.1	13.8	13.1	13.4	12.7	14.2	13.2
18	13.1	13.3	13.0	13.6	13.3	13.4	13.3	13.0	14.3	13.1	13.0	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.1	13.0	13.2	13.1	13.2	13.7	12.9	14.3	13.2
19	13.0	12.9	13.0	13.2	13.1	13.0	12.9	12.9	13.1	13.6	12.9	13.1	13.0	13.2	13.2	13.3	13.2	13.5	13.1	13.0	14.2	13.2	13.1	13.2	12.9	14.2	13.2
20	13.3	14.2	13.6	13.3	13.9	12.9	12.9	13.0	12.9	12.9	12.9	13.1	13.8	13.9	12.9	13.0	13.5	13.0	13.0	13.1	13.7	13.2	13.2	13.0	12.9	14.2	13.3
21	14.2	13.4	13.1	13.5	13.4	13.7	13.2	12.9	13.0	12.9	13.1	12.9	13.0	13.0	12.9	13.0	13.6	12.9	13.1	12.9	13.5	13.1	13.3	13.4	12.9	14.2	13.2
22	13.2	13.8	13.5	13.8	13.3	13.1	13.0	12.9	13.5	13.0	12.9	12.9	12.9	13.1	12.9	13.2	13.0	13.9	13.0	13.2	13.3	13.2	13.4	13.0	12.9	13.9	13.2
23	13.2	13.4	13.5	13.0	13.3	13.4	13.6	13.8	13.3	13.0	13.1	13.2	12.9	13.0	13.1	13.1	13.1	13.0	13.1	13.0	13.4	13.2	13.3	13.4	12.9	13.8	13.2
24	13.1	13.4	13.1	13.4	13.0	13.0	13.1	13.4	13.5	13.0	13.3	12.9	12.9	12.9	13.9	13.3	13.0	14.2	12.9	13.2	13.1	13.1	13.3	13.3	12.9	14.2	13.2
25	13.3	13.3	13.4	13.3	13.0	13.2	14.1	13.1	13.0	12.9	13.1	12.9	13.0	13.0	12.9	13.9	13.3	12.9	13.1	13.0	13.6	13.2	13.0	13.3	12.9	14.1	13.2
26	13.3	13.3	13.2	13.3	13.3	13.0	14.3	13.0	13.1	12.9	12.9	13.0	13.6	13.0	13.0	13.0	13.3	13.1	13.1	13.3	13.0	13.1	13.3	13.3	12.9	14.3	13.2
27	13.3	13.5	13.6	13.0	12.9	13.4	13.2	13.3	13.3	12.9	13.6	12.9	13.9	12.9	13.8	13.1	12.9	13.3	13.2	13.3	14.5	13.3	13.5	13.5	12.9	14.5	13.3
28	13.0	13.0	13.1	12.9	13.6	12.9	13.0	12.9	12.9	13.0	12.9	13.9	13.2	13.0	12.9	13.1	12.9	13.0	13.9	13.0	13.5	13.1	13.2	13.0	12.9	13.9	13.1
29	13.8	13.3	13.4	14.7	13.2	12.9	13.1	13.1	13.5	13.1	12.9	13.0	13.0	13.7	13.0	12.9	13.0	13.0	13.0	13.1	13.3	13.3	13.2	13.4	12.9	14.7	13.2
30	13.3	14.2	13.5	13.0	13.3	13.0	13.0	13.3	13.0	13.4	13.3	13.2	12.9	13.9	12.9	13.0	13.6	12.9	13.2	13.1	13.3	13.2	13.3	13.0	12.9	14.2	13.2
31	13.4	13.1	14.2	13.4	13.2	13.5	13.0	12.9	13.1	13.3	13.1	13.8	12.9	13.0	13.2	13.1	13.1	13.9	12.9	13.5	14.4	13.0	13.0	12.9	12.9	14.4	13.3
Min	12.9	12.9	13.0	12.9	12.9	12.9	12.9	12.9	12.7	12.7	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	12.7		
Max	14.3	14.5	14.4	14.7	13.9	14.7	14.3	14.9	14.3	14.2	14.2	14.2	13.9	14.2	14.2	14.3	13.9	14.2	14.2	13.5	14.4	14.5	14.2	14.7		14.9	
Avg	13.3	13.4	13.4	13.3	13.2	13.3	13.2	13.3	13.2	13.1	13.2	13.2	13.1	13.1	13.2	13.2	13.2	13.2	13.1	13.1	13.4	13.2	13.2	13.2			13.2

Total Data Records Possible: 744  
Total Valid Data Records: 744  
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