

# White Water Wash Meteorological Data

December 2010

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: December  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 01-18-2011  
Printout Time: 15:32:51  
Output File Name: WWWB1210.9

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	9.0	7.7	6.4	6.9	6.8	9.0	8.5	6.1	4.2	1.8	2.2	2.4	3.6	3.5	3.1	3.1	2.5	6.9	7.2	8.1	7.5	7.6	7.7	7.2	1.8	9.0	5.8
2	7.2	7.8	8.7	8.6	8.3	6.9	7.9	6.6	2.9	0.6	2.6	3.1	4.3	4.2	4.3	4.7	2.8	4.4	6.6	6.9	6.6	7.7	7.3	7.4	0.6	8.7	5.8
3	8.1	7.4	7.5	7.4	7.7	7.2	7.2	7.0	4.8	2.6	2.6	2.9	2.1	3.2	4.6	4.2	3.6	2.0	6.8	9.0	7.0	7.6	7.3	7.1	2.0	9.0	5.7
4	6.2	7.4	7.9	7.8	7.7	7.7	8.2	7.0	5.9	2.3	3.0	0.9	2.5	5.1	5.4	5.6	3.1	3.3	6.1	6.5	8.9	7.3	7.8	9.1	0.9	9.1	5.9
5	7.1	7.4	8.4	7.0	6.9	7.1	6.9	5.1	3.7	1.6	3.8	1.9	3.2	2.1	3.2	1.2	4.0	1.8	4.8	7.3	7.0	13.1	12.9	11.1	1.2	13.1	5.8
6	3.7	5.3	3.0	10.3	7.3	3.3	3.4	2.9	7.5	7.6	12.6	8.4	6.8	5.5	10.8	9.9	12.6	14.7	15.6	13.1	6.1	8.7	8.9	6.9	2.9	15.6	8.1
7	8.2	8.0	9.0	7.8	7.8	7.6	5.3	6.6	3.1	2.2	2.7	2.2	2.2	3.2	3.3	4.2	3.3	6.3	8.2	7.7	8.4	3.6	5.5	6.6	2.2	9.0	5.5
8	6.7	7.9	7.7	7.9	7.5	8.6	8.0	6.0	4.1	4.6	1.7	1.7	3.2	3.6	4.0	3.9	3.0	5.3	7.2	9.4	7.1	6.3	9.5	8.0	1.7	9.5	5.9
9	7.5	9.2	8.0	8.3	7.3	6.2	5.2	3.1	1.0	0.6	2.0	3.6	4.7	6.2	7.3	5.7	4.8	3.1	3.4	3.8	3.8	4.3	6.2	5.6	0.6	9.2	5.0
10	3.2	3.7	5.8	7.1	7.6	5.2	7.3	7.1	4.0	1.8	2.8	3.0	3.5	5.5	5.3	4.7	4.1	3.1	6.2	6.1	7.4	8.3	7.1	8.5	1.8	8.5	5.4
11	8.3	8.0	7.5	8.1	7.8	6.1	6.1	6.1	3.0	1.5	1.9	4.4	4.4	3.7	2.8	3.0	4.2	6.6	2.5	2.7	4.1	4.8	6.6	4.3	1.5	8.3	4.9
12	3.2	6.5	7.1	7.1	6.1	8.2	7.8	7.1	3.6	2.0	3.8	7.2	6.5	5.8	4.7	3.8	2.8	5.9	6.3	7.9	6.8	6.8	7.5	8.0	2.0	8.2	5.9
13	6.4	7.3	8.5	8.0	7.6	6.9	7.6	6.6	4.9	2.9	1.5	3.2	4.3	5.2	4.9	3.8	2.7	5.4	6.8	7.8	7.6	8.3	6.9	8.2	1.5	8.5	6.0
14	8.7	7.4	7.3	7.3	8.0	7.3	7.5	6.2	2.8	5.6	7.6	7.7	9.9	10.7	12.6	10.2	8.3	5.4	3.0	3.1	4.0	5.2	15.7	16.7	2.8	16.7	7.8
15	23.8	22.1	24.0	23.2	23.2	23.8	14.8	10.1	19.8	22.2	23.7	24.3	28.5	30.4	31.2	28.5	28.3	24.0	22.9	24.4	23.0	21.4	21.8	20.4	10.1	31.2	23.3
16	12.7	22.0	21.6	22.6	21.8	23.5	23.0	19.7	18.4	19.9	17.6	18.8	17.5	15.5	20.8	21.8	19.3	20.2	20.0	18.2	17.2	16.2	15.5	11.8	11.8	23.5	19.0
17	10.0	9.5	7.5	5.6	14.5	6.7	2.7	2.0	4.9	3.6	3.0	3.4	5.3	7.6	9.2	7.1	7.3	3.8	3.4	4.5	3.1	2.1	1.5	2.7	1.5	14.5	5.5
18	3.1	3.0	2.7	2.3	3.9	2.5	2.7	3.9	5.6	6.4	6.1	5.5	4.2	2.5	4.2	11.8	10.7	9.8	9.5	8.2	4.1	1.9	4.6	6.7	1.9	11.8	5.2
19	4.1	4.4	3.0	1.2	0.9	5.0	4.9	4.9	6.7	6.2	6.3	6.9	3.2	2.9	3.8	3.9	3.6	4.4	4.6	4.0	3.2	3.4	2.6	2.3	0.9	6.9	4.0
20	7.9	3.9	2.9	2.3	2.9	2.0	2.0	2.3	3.4	3.0	2.2	2.1	3.7	6.7	4.0	4.5	4.6	6.2	6.0	6.4	8.4	8.0	7.5	12.1	2.0	12.1	4.8
21	16.3	11.9	11.8	4.3	4.6	4.4	3.5	4.5	3.5	3.7	4.0	2.5	2.5	3.5	1.5	0.5	2.2	1.9	1.4	3.4	3.8	3.3	2.0	3.2	0.5	16.3	4.3
22	4.9	6.3	5.2	4.1	6.6	16.3	11.9	14.1	12.0	6.7	5.1	5.2	2.7	3.7	2.8	7.1	14.8	7.6	3.9	3.9	5.4	1.7	4.5	4.4	1.7	16.3	6.7
23	3.2	3.0	4.1	4.3	2.1	7.7	5.0	6.7	3.3	7.4	4.8	4.4	3.8	1.8	2.4	5.1	8.0	7.5	4.7	4.6	5.2	6.2	5.5	7.0	1.8	8.0	4.9
24	6.9	7.1	7.5	6.1	5.8	5.2	5.8	6.2	3.4	1.3	0.4	1.1	4.0	5.1	6.3	5.5	3.5	0.9	4.9	5.7	6.9	7.0	6.3	7.1	0.4	7.5	5.0
25	6.2	7.5	6.3	6.4	7.2	6.9	7.0	6.8	4.7	2.3	1.6	1.4	2.9	3.4	3.2	4.0	3.6	4.0	5.3	5.6	6.6	12.3	13.7	12.3	1.4	13.7	5.9
26	14.9	14.2	9.7	2.4	3.5	3.2	3.6	8.9	12.6	5.7	7.4	14.1	6.9	3.9	2.0	12.0	11.4	6.1	13.1	13.9	11.4	9.9	7.7	5.5	2.0	14.9	8.5
27	5.7	6.1	5.6	3.7	6.2	9.7	8.0	6.7	3.7	4.0	4.5	6.6	9.2	7.0	7.3	9.8	5.1	6.0	3.5	3.8	7.1	5.6	6.6	7.4	3.5	9.8	6.2
28	7.4	9.0	7.1	9.6	7.9	6.4	7.6	6.4	4.0	3.6	2.8	1.6	4.9	6.1	6.8	6.7	6.5	4.4	4.3	4.9	4.5	3.8	4.7	3.1	1.6	9.6	5.6
29	4.2	5.3	2.4	4.0	2.2	3.6	4.1	4.2	12.2	3.4	5.8	3.9	6.2	6.6	6.4	4.5	5.7	4.5	5.6	13.9	8.7	8.1	12.7	30.7	2.2	30.7	7.0
30	31.2	27.9	22.0	20.9	18.9	14.6	17.3	11.3	6.6	12.8	14.8	16.6	19.7	17.1	15.4	9.6	12.2	12.8	14.1	11.2	13.4	9.4	9.5	11.2	6.6	31.2	15.4
31	5.9	6.5	7.5	7.4	6.6	4.7	6.3	4.2	2.9	3.5	1.5	2.4	4.3	4.2	3.0	4.1	5.5	6.8	7.8	6.0	4.4	5.4	5.1	2.7	1.5	7.8	5.0
Min	3.1	3.0	2.4	1.2	0.9	2.0	2.0	2.0	1.0	0.6	0.4	0.9	2.1	1.8	1.5	0.5	2.2	0.9	1.4	2.7	3.1	1.7	1.5	2.3	0.4		
Max	31.2	27.9	24.0	23.2	23.2	23.8	23.0	19.7	19.8	22.2	23.7	24.3	28.5	30.4	31.2	28.5	28.3	24.0	22.9	24.4	23.0	21.4	21.8	30.7		31.2	
Avg	8.5	8.7	8.2	7.7	7.8	7.9	7.3	6.7	5.9	4.9	5.2	5.6	6.2	6.3	6.7	6.9	6.9	6.6	7.3	7.8	7.4	7.3	8.0	8.5			7.1

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: December  
 Year: 2010  
 Time Zone: PST

Validation Level: B  
 Printout Date: 01-18-2011  
 Printout Time: 15:32:51  
 Output File Name: WWWB1210.10

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	341	341	340	336	340	343	341	333	327	287	188	177	146	150	157	148	132	339	337	330	341	341	341	329	[NNW]
2	333	330	338	346	335	342	342	338	318	285	158	173	133	148	151	145	169	348	336	349	338	334	336	337	[NNW]
3	340	343	338	339	332	336	332	332	323	318	228	131	177	150	154	144	152	65	346	355	346	341	347	346	[NNW]
4	333	332	349	343	332	337	333	1	354	292	276	17	179	159	118	143	123	31	342	2	347	346	350	352	[NNW]
5	343	348	341	328	347	339	332	332	329	326	331	124	174	143	156	289	305	219	359	356	333	317	315	1	[NNW]
6	311	344	336	330	265	351	304	348	335	287	299	269	266	283	303	303	307	308	304	314	306	343	349	351	[NW ]
7	342	338	353	349	352	330	334	349	321	259	239	232	185	185	182	157	292	331	326	335	351	337	318	340	[NNW]
8	341	327	338	339	334	337	345	325	332	317	281	199	147	179	151	153	141	331	342	344	336	334	360	345	[NNW]
9	332	342	341	351	359	349	3	14	3	227	173	179	157	127	138	148	155	170	350	43	304	354	346	327	[ N ]
10	337	285	348	342	357	318	332	335	326	346	170	161	146	143	160	152	129	294	17	346	341	341	356	1	[NNW]
11	344	336	328	355	337	346	324	345	334	323	207	168	162	148	164	154	128	116	201	36	78	333	333	24	[NNW]
12	345	334	339	334	344	330	348	348	331	243	162	126	130	138	143	154	180	335	327	329	327	342	344	346	[NNW]
13	337	346	345	343	331	336	333	325	316	321	224	161	151	147	146	150	202	345	341	346	344	336	331	334	[NNW]
14	359	335	339	329	338	351	342	337	154	143	139	134	140	137	138	136	142	180	273	219	266	262	297	299	[SE ]
15	299	297	299	291	292	292	277	280	286	288	298	304	306	307	305	303	295	304	309	300	301	306	310	310	[WNW]
16	293	307	315	318	321	310	304	311	305	308	300	304	310	292	306	303	298	304	301	299	301	308	317	314	[NW ]
17	325	328	353	304	300	258	209	180	127	165	147	156	151	185	218	220	211	232	319	335	264	269	346	4	[SSE]
18	6	324	99	102	171	29	183	153	123	135	168	163	165	225	227	287	299	306	298	289	253	258	321	254	[WNW]
19	331	306	213	125	130	140	158	143	148	139	128	135	107	258	302	244	220	346	33	235	322	342	208	231	[SE ]
20	8	320	280	324	316	217	79	119	189	223	44	283	182	144	171	10	343	12	344	347	334	353	357	332	[NNW]
21	309	302	304	313	5	344	305	294	318	171	161	240	202	169	324	165	20	315	330	340	349	294	329	198	[NW ]
22	307	325	344	344	132	120	132	126	137	157	138	132	168	42	229	280	318	26	291	185	338	38	37	283	[SE ]
23	325	273	291	307	272	290	265	272	265	286	206	212	195	259	302	314	302	305	318	343	319	326	342	331	[NW ]
24	329	336	332	325	341	328	343	357	344	294	312	104	129	141	116	119	142	358	6	322	331	333	334	341	[NNW]
25	328	327	331	339	323	327	323	332	322	331	232	189	117	133	129	125	116	321	346	331	337	324	307	293	[NNW]
26	304	318	303	281	310	266	322	301	302	213	223	289	254	186	195	306	289	277	299	304	302	313	360	360	[WNW]
27	357	350	335	320	334	335	355	335	275	196	129	101	63	82	76	55	161	186	247	297	326	332	352	335	[NNW]
28	335	332	348	348	323	350	322	323	317	338	321	187	110	136	120	129	138	124	204	358	210	3	14	56	[NNW]
29	343	240	277	208	231	144	9	278	293	210	179	233	249	198	176	177	46	164	70	81	128	4	307	315	[SSW]
30	306	315	320	323	323	323	304	329	306	301	305	302	301	304	293	276	300	305	309	301	310	302	316	298	[NW ]
31	329	2	8	7	345	352	344	328	336	326	334	68	268	281	350	267	284	291	308	332	329	326	352	329	[NNW]

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

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Units: degrees  
Channel: 10

Site: White Water Wash (data subject to change)  
Month: December  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 01-18-2011  
Printout Time: 15:32:51  
Output File Name: WWWB1210.10t

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

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: December  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 01-18-2011  
Printout Time: 15:32:52  
Output File Name: WWWB1210.11

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	4.8	6.9	5.5	3.3	6.6	4.2	3.4	5.9	6.3	18.5	22.4	37.4	21.9	34.3	24.2	17.0	13.9	8.7	4.5	5.6	4.4	6.4	5.8	5.7	3.3	37.4	11.5
2	4.7	5.0	6.5	4.1	4.2	4.9	2.9	6.7	7.9	22.7	35.7	26.5	22.2	17.6	15.0	8.5	17.3	10.9	4.0	6.4	5.7	5.7	4.5	5.9	2.9	35.7	10.6
3	6.8	10.9	6.8	9.0	8.6	7.7	4.3	9.8	7.8	10.9	19.5	25.8	29.0	22.3	13.2	8.6	5.8	17.6	11.2	5.5	7.3	6.3	6.0	8.9	4.3	29.0	11.2
4	11.4	5.4	10.6	11.4	13.4	10.5	12.3	13.1	6.0	13.1	14.2	23.9	20.8	14.2	13.4	8.6	26.1	27.1	9.5	10.0	6.5	6.1	8.8	5.7	5.4	27.1	12.6
5	9.8	7.0	8.7	11.5	7.0	7.7	7.6	10.7	11.5	12.2	14.8	30.1	13.2	23.9	16.5	26.3	7.6	28.5	28.6	10.7	27.1	15.0	12.4	23.1	7.0	30.1	15.5
6	22.1	57.3	38.7	14.3	29.5	27.0	33.5	15.3	10.1	11.9	8.1	48.4	31.7	26.7	11.0	8.0	7.2	7.1	7.9	18.5	18.1	11.5	10.1	10.1	7.1	57.3	20.2
7	6.4	10.1	8.7	7.6	9.3	10.1	18.8	13.2	16.5	18.6	22.3	22.1	53.6	28.8	23.5	10.9	45.3	13.2	4.2	5.9	7.4	17.5	12.9	6.5	4.2	53.6	16.4
8	8.1	5.9	7.8	5.5	7.2	3.5	7.6	10.4	6.9	9.0	24.1	52.6	31.1	29.9	20.1	12.7	41.0	11.1	11.6	5.9	10.1	16.0	8.8	7.1	3.5	52.6	14.7
9	23.7	9.6	13.9	16.6	11.4	10.0	14.6	23.1	72.2	30.7	40.3	25.8	17.9	14.2	12.6	10.4	10.5	35.1	9.8	51.8	56.6	18.2	20.7	20.1	9.6	72.2	23.7
10	40.8	63.0	14.9	11.0	8.6	26.0	10.7	10.0	14.9	29.3	37.1	17.9	21.9	15.4	12.1	8.5	9.9	31.0	6.3	14.5	13.5	6.9	14.6	6.7	6.3	63.0	18.6
11	6.3	10.8	11.0	7.1	7.4	8.9	9.7	9.7	15.6	38.2	25.6	16.2	18.2	25.2	34.6	11.6	18.9	11.2	54.8	66.5	47.2	29.4	38.9	47.1	6.3	66.5	23.8
12	27.4	12.2	17.8	15.5	16.6	9.2	15.9	12.1	15.7	12.8	22.1	11.4	13.8	15.2	14.2	11.4	32.1	6.8	6.7	5.8	6.0	8.6	6.8	3.6	3.6	32.1	13.3
13	7.6	4.4	4.6	11.6	8.1	6.3	5.8	5.4	6.5	9.8	35.7	22.3	21.9	17.7	18.5	11.2	22.1	7.8	5.9	5.1	4.4	5.8	8.3	8.1	4.4	35.7	11.0
14	9.0	12.0	12.9	7.7	10.9	19.9	16.2	38.1	37.7	11.7	13.2	13.0	11.9	13.1	10.4	11.0	46.3	52.0	58.6	67.6	46.4	29.4	10.2	13.6	7.7	67.6	23.9
15	8.7	10.2	8.9	12.1	11.7	11.4	17.6	24.5	12.4	12.4	13.9	11.2	8.8	8.3	7.6	7.4	7.5	8.2	8.6	8.5	11.8	10.2	8.2	10.0	7.4	24.5	10.8
16	23.0	9.1	8.6	7.6	9.6	8.7	9.3	10.9	13.3	9.0	9.4	10.4	10.8	17.7	12.2	8.6	8.1	8.8	8.7	7.9	8.6	8.1	7.7	7.7	7.6	23.0	10.2
17	7.4	9.0	18.7	22.4	8.3	18.7	13.4	23.9	10.6	16.5	21.0	21.0	11.4	10.7	7.4	8.2	7.5	14.6	13.8	10.4	17.8	16.5	19.7	20.8	7.4	23.9	14.6
18	6.9	36.5	20.5	14.6	22.0	42.9	27.3	16.8	12.6	15.9	18.8	16.0	24.4	36.8	36.2	16.6	9.4	8.1	9.0	18.4	30.7	32.5	10.7	25.6	6.9	42.9	21.2
19	40.3	11.0	30.8	49.8	46.2	9.6	11.9	19.3	10.2	11.6	14.9	12.2	46.5	37.4	28.2	19.4	52.6	18.4	47.9	52.6	37.4	54.3	65.8	57.6	9.6	65.8	32.7
20	29.5	26.9	33.3	44.9	42.2	48.2	51.6	39.9	25.8	41.2	59.2	50.1	52.8	29.6	54.8	30.5	39.7	15.4	25.4	21.9	27.2	13.6	15.8	19.3	13.6	59.2	35.0
21	11.0	11.1	15.9	32.1	53.6	30.7	36.2	36.1	28.9	16.1	13.3	23.5	15.1	8.5	21.3	27.9	17.1	20.1	9.8	11.1	15.8	11.5	35.4	24.8	8.5	53.6	22.0
22	19.0	18.2	14.9	29.4	15.0	9.5	11.1	12.4	33.2	18.1	14.0	23.0	64.1	44.8	15.1	14.9	15.7	20.8	32.6	22.4	40.1	46.4	17.5	39.4	9.5	64.1	24.7
23	49.3	38.7	67.3	24.0	46.8	29.6	43.2	35.3	27.2	54.7	21.4	36.5	39.5	54.8	32.7	16.1	6.4	5.7	21.6	10.7	6.7	5.0	7.1	3.9	3.9	67.3	28.5
24	4.5	3.6	4.6	5.4	7.9	7.5	6.7	5.8	9.7	27.5	56.9	67.4	21.6	18.5	12.8	10.4	7.3	19.2	7.1	7.3	4.2	4.3	3.9	3.5	3.5	67.4	13.6
25	4.8	4.4	6.9	5.9	5.4	3.9	5.2	5.9	7.8	28.5	23.0	54.7	40.5	27.2	31.1	16.8	5.7	15.2	9.1	7.3	11.7	10.8	10.7	19.4	3.9	54.7	15.1
26	8.1	10.4	10.1	63.6	38.0	23.9	62.5	15.6	11.8	36.4	22.1	11.2	16.9	13.9	40.4	9.1	12.6	29.0	9.9	7.5	8.5	6.7	16.8	13.3	6.7	63.6	20.8
27	10.8	7.6	20.7	20.6	17.7	9.0	7.9	23.7	25.0	23.0	38.1	24.7	16.7	22.0	26.2	10.7	50.4	17.9	48.9	60.0	14.2	33.2	13.6	11.1	7.6	60.0	23.1
28	8.4	9.0	9.8	7.6	15.6	8.4	10.1	8.3	10.2	11.9	34.3	39.4	18.1	18.4	12.7	11.7	6.6	11.0	23.9	19.4	39.2	40.6	35.6	42.0	6.6	42.0	18.8
29	40.8	35.4	46.6	25.5	41.7	36.1	46.2	33.1	11.6	17.1	33.4	64.0	34.5	13.3	10.4	29.4	30.9	63.2	77.4	13.9	35.0	65.3	47.6	8.3	8.3	77.4	35.9
30	7.6	10.0	12.1	13.1	9.0	10.3	7.0	14.3	42.8	8.7	10.1	9.9	8.1	13.7	26.5	32.3	12.2	12.3	9.2	13.3	9.0	12.9	17.3	10.5	7.0	42.8	13.8
31	14.9	26.8	9.8	6.9	13.2	11.8	11.1	15.2	14.2	14.0	49.0	48.1	33.8	51.8	48.6	26.5	13.5	6.9	5.1	14.5	8.5	19.4	6.1	15.5	5.1	51.8	20.2
Min	4.5	3.6	4.6	3.3	4.2	3.5	2.9	5.4	6.0	8.7	8.1	9.9	8.1	8.3	7.4	7.4	5.7	5.7	4.0	5.1	4.2	4.3	3.9	3.5	2.9		
Max	49.3	63.0	67.3	63.6	53.6	48.2	62.5	39.9	72.2	54.7	59.2	67.4	64.1	54.8	54.8	32.3	52.6	63.2	77.4	67.6	56.6	65.3	65.8	57.6		77.4	
Avg	15.6	16.1	16.4	16.8	17.8	15.4	17.5	16.9	17.5	19.7	25.4	28.9	25.6	23.4	21.4	14.9	19.6	18.2	19.1	18.9	18.9	18.5	16.4	16.3			19.0

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: December  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 01-18-2011  
Printout Time: 15:32:55  
Output File Name: WWWB1210.17

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	13.2	11.4	8.0	8.8	8.8	11.3	12.1	9.9	7.9	4.3	4.7	4.5	6.8	7.2	6.6	5.5	7.6	9.6	8.7	10.4	10.6	9.8	9.4	9.5	4.3	13.2	8.6
2	8.8	10.3	11.1	11.1	10.3	9.6	9.9	9.6	5.8	2.8	5.8	5.9	7.1	7.8	8.2	7.2	5.0	6.3	8.6	8.7	8.7	9.9	9.6	10.2	2.8	11.1	8.3
3	10.5	9.6	9.9	12.4	11.3	9.8	10.4	9.4	7.2	4.2	5.2	5.8	4.9	6.4	7.5	6.7	6.4	4.6	9.6	11.0	10.3	11.0	10.7	11.5	4.2	12.4	8.6
4	11.3	10.7	10.4	10.7	11.0	12.4	11.0	9.6	10.8	5.1	6.0	3.4	6.3	9.1	8.7	8.5	8.1	5.9	10.7	8.4	10.8	9.9	10.4	12.1	3.4	12.4	9.2
5	10.4	10.5	12.1	10.9	9.0	10.0	8.7	7.4	5.6	4.2	6.6	5.0	6.0	4.5	6.0	3.1	6.4	5.6	8.5	11.8	9.9	24.0	24.3	19.1	3.1	24.3	9.6
6	9.3	21.6	6.8	21.2	18.8	7.8	8.9	8.1	12.5	13.2	17.1	17.9	16.2	14.6	17.4	15.1	22.4	21.6	22.4	21.4	14.0	12.3	11.0	9.1	6.8	22.4	15.0
7	9.9	11.8	11.9	10.7	10.7	10.4	10.8	10.7	5.0	4.9	6.1	5.2	6.9	7.6	6.8	5.9	6.1	9.8	11.0	9.6	10.3	5.8	7.9	8.8	4.9	11.9	8.5
8	8.7	10.6	10.0	10.2	10.0	10.8	12.2	10.2	6.6	7.2	5.4	4.3	6.6	7.4	7.2	6.9	4.5	7.8	11.1	12.4	10.0	9.1	13.4	12.1	4.3	13.4	8.9
9	13.2	12.9	12.2	14.4	11.2	9.1	9.9	6.6	3.4	2.5	5.8	9.3	8.0	10.8	11.5	9.4	9.1	8.6	7.4	8.0	7.6	9.0	12.2	10.0	2.5	14.4	9.3
10	9.8	10.1	9.9	10.3	11.3	10.0	10.4	10.4	7.0	5.2	5.9	6.4	7.0	8.6	8.4	7.7	7.7	6.1	9.1	8.6	11.0	11.3	9.4	10.2	5.2	11.3	8.8
11	11.6	11.5	10.8	10.6	11.0	8.9	8.8	11.5	5.4	3.6	6.1	8.0	7.5	6.7	5.5	5.0	10.7	11.1	7.9	7.8	7.5	11.9	13.4	11.0	3.6	13.4	8.9
12	8.9	12.7	12.6	9.6	9.9	11.0	11.0	10.6	10.0	4.2	8.0	10.3	9.9	8.8	8.0	6.6	7.3	8.0	8.3	9.9	9.1	9.5	10.4	10.6	4.2	12.7	9.4
13	8.3	9.5	12.0	11.4	9.9	9.1	10.7	9.2	8.6	4.8	4.6	5.9	8.3	8.8	8.2	6.1	4.2	7.7	9.1	9.7	10.5	11.0	9.0	10.7	4.2	12.0	8.6
14	12.4	11.2	12.6	11.8	11.0	11.7	11.5	11.1	7.1	8.9	13.9	13.2	17.9	16.7	19.7	17.0	18.9	12.4	9.1	9.9	12.1	13.5	34.7	34.4	7.1	34.7	14.7
15	38.5	37.7	38.2	40.5	42.6	42.5	35.1	27.8	35.4	38.1	41.7	40.5	46.5	47.6	45.6	42.5	41.8	36.3	36.8	37.3	41.4	37.2	32.2	33.4	27.8	47.6	39.0
16	30.3	34.8	34.3	33.1	39.2	37.6	35.4	34.1	30.9	33.8	27.9	30.6	28.6	33.9	34.6	32.2	30.8	33.2	32.2	28.3	27.8	27.0	22.8	17.7	17.7	39.2	31.3
17	17.2	15.6	13.1	15.6	23.0	18.6	4.7	7.1	9.1	8.8	7.4	7.2	10.2	11.6	12.8	12.8	11.8	7.6	6.2	9.7	4.7	4.4	4.6	5.8	4.4	23.0	10.4
18	4.6	5.0	6.5	4.5	6.5	6.3	5.0	8.0	10.4	10.7	10.5	10.5	7.9	7.4	9.2	24.7	17.9	15.8	14.3	15.9	12.6	6.1	11.5	14.7	4.5	24.7	10.3
19	10.7	9.7	6.7	4.2	3.7	9.2	7.9	10.5	11.0	10.7	12.9	12.6	10.0	6.7	10.2	7.4	6.9	9.2	9.8	8.8	6.0	7.9	6.9	6.4	3.7	12.9	8.6
20	21.9	11.2	8.3	5.4	8.6	6.9	6.3	6.1	7.2	7.0	7.2	7.8	8.8	15.9	14.5	11.3	12.4	12.0	15.6	12.6	17.6	14.3	13.6	24.9	5.4	24.9	11.5
21	29.6	22.1	27.0	11.8	9.8	11.0	6.9	9.9	8.3	6.6	7.1	4.5	5.9	6.1	3.9	2.3	4.5	3.6	3.5	6.5	5.3	6.1	3.9	6.6	2.3	29.6	8.9
22	11.2	11.6	8.8	7.2	18.3	29.3	20.8	28.9	30.6	16.3	8.8	12.4	8.0	10.4	4.7	22.6	25.0	15.9	7.2	7.2	11.5	5.5	7.6	8.0	4.7	30.6	14.1
23	8.5	9.1	11.5	7.4	8.3	19.1	16.7	21.1	9.4	18.0	8.8	8.8	8.8	5.4	6.9	10.3	12.5	11.6	10.7	6.1	6.8	8.6	8.5	8.5	5.4	21.1	10.5
24	9.8	8.6	9.9	9.5	7.7	7.4	7.8	7.7	6.7	4.4	2.6	6.2	7.4	8.6	9.4	9.6	6.9	2.5	6.6	8.4	8.6	8.7	7.7	9.1	2.5	9.9	7.6
25	8.0	9.6	9.0	8.7	9.4	10.0	8.9	9.2	7.7	4.9	3.0	4.2	6.7	7.9	7.6	7.2	6.9	7.2	6.7	8.3	11.3	25.9	23.8	27.2	3.0	27.2	10.0
26	27.9	25.5	19.7	8.2	7.5	6.6	8.5	18.9	23.9	18.5	20.6	24.3	16.5	7.2	10.8	20.2	19.7	17.7	21.0	20.6	19.4	14.3	11.1	9.3	6.6	27.9	16.6
27	9.1	9.7	8.9	7.5	13.8	13.9	12.6	10.9	7.8	7.8	13.7	14.3	19.7	14.6	15.9	20.6	11.0	11.2	7.8	8.7	11.5	11.4	9.3	12.4	7.5	20.6	11.8
28	11.8	11.0	9.4	12.9	13.3	8.9	9.6	8.8	6.9	5.9	5.4	5.2	11.5	9.5	10.4	10.6	10.2	9.3	8.0	7.8	8.8	8.0	7.7	6.4	5.2	13.3	9.1
29	9.3	10.2	11.3	8.5	4.5	10.3	9.8	17.1	21.2	11.5	15.3	9.5	13.6	13.9	9.9	8.8	12.6	11.0	21.6	31.2	23.2	23.7	31.8	55.1	4.5	55.1	16.5
30	47.9	44.8	35.8	33.8	36.0	24.5	25.3	20.1	16.1	21.0	23.7	27.7	32.3	31.6	29.4	29.7	24.8	22.8	25.6	22.0	22.4	16.3	19.3	20.2	16.1	47.9	27.2
31	16.7	11.0	10.1	11.0	10.5	6.9	9.6	6.7	7.1	6.5	6.2	6.4	8.2	15.0	9.6	7.8	8.2	10.2	11.3	10.4	6.4	7.2	7.2	6.4	6.2	16.7	9.0
Min	4.6	5.0	6.5	4.2	3.7	6.3	4.7	6.1	3.4	2.5	2.6	3.4	4.9	4.5	3.9	2.3	4.2	2.5	3.5	6.1	4.7	4.4	3.9	5.8	2.3		
Max	47.9	44.8	38.2	40.5	42.6	42.5	35.4	34.1	35.4	38.1	41.7	40.5	46.5	47.6	45.6	42.5	41.8	36.3	36.8	37.3	41.4	37.2	34.7	55.1	55.1		
Avg	14.8	14.6	13.5	12.7	13.4	13.3	12.2	12.5	11.4	9.9	10.4	10.9	11.9	12.2	12.1	12.6	12.5	11.7	12.5	12.8	12.5	12.6	13.4	14.6			12.5

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: December  
Year: 2010  
Time Zone: PST

Validation Level: B  
Printout Date: 01-18-2011  
Printout Time: 15:32:49  
Output File Name: WWWB1210.7

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	12.9	13.1	12.9	13.4	13.1	12.9	13.0	13.4	12.9	14.5	13.0	13.4	13.8	12.9	13.0	13.1	13.2	13.5	13.6	12.9	13.6	13.5	12.9	13.1	12.9	14.5	13.2	
2	13.0	13.6	13.0	13.9	13.3	13.0	13.2	12.9	13.0	13.0	12.9	13.0	13.0	13.1	13.1	13.0	13.2	12.9	13.0	13.1	13.1	13.9	13.0	13.3	12.9	13.9	13.1	
3	13.2	13.4	12.9	13.0	13.3	12.9	13.0	12.9	13.7	13.3	13.0	13.9	12.9	12.9	12.9	13.0	13.0	12.9	13.1	12.9	13.8	13.3	12.9	13.4	12.9	13.9	13.1	
4	13.3	13.2	13.4	13.0	13.5	13.2	13.8	13.5	13.7	13.0	13.6	12.9	13.2	13.0	13.2	13.3	13.4	14.3	13.0	13.4	13.0	12.9	13.9	13.4	12.9	14.3	13.4	
5	13.2	13.6	12.9	13.1	12.9	12.9	13.0	13.0	13.1	13.6	13.0	13.3	13.0	13.0	13.5	13.1	13.3	12.9	13.4	13.2	12.9	13.4	13.2	13.1	13.1	12.9	13.6	13.1
6	13.0	13.1	13.0	13.3	13.9	13.0	13.1	12.9	13.4	13.0	13.2	13.3	13.5	13.2	12.9	13.0	13.0	13.9	13.9	12.9	13.2	13.1	12.9	13.2	12.9	13.9	13.2	
7	13.7	12.9	13.8	13.6	14.1	14.6	13.2	12.9	13.2	13.2	13.2	13.4	13.5	13.1	13.2	13.1	13.1	13.1	13.1	13.2	13.0	13.1	13.6	13.1	12.9	14.6	13.3	
8	13.1	13.0	13.0	13.6	13.9	13.2	13.3	12.9	13.1	13.1	13.4	13.0	13.3	13.1	13.3	13.9	13.8	13.0	13.2	13.1	13.3	13.4	13.3	13.8	12.9	13.9	13.3	
9	13.0	12.9	14.2	13.3	13.6	13.2	13.3	12.9	13.3	13.0	13.3	13.5	12.9	13.0	13.3	13.2	13.2	13.2	13.2	13.6	13.1	13.4	13.2	13.0	13.5	12.9	14.2	13.2
10	13.5	13.1	12.9	12.9	13.5	13.5	13.0	12.9	12.9	12.9	12.9	13.5	13.1	13.4	13.3	13.2	13.2	13.1	13.2	13.1	13.4	13.2	13.2	13.1	12.9	13.5	13.2	
11	13.2	13.1	12.9	12.9	14.1	12.8	12.9	13.0	13.9	13.0	12.9	14.4	12.9	13.1	13.0	13.0	13.3	13.2	13.9	13.2	13.0	13.3	13.3	13.3	12.8	14.4	13.2	
12	13.1	12.9	13.1	13.1	13.0	14.1	13.0	13.6	13.0	13.1	12.9	13.0	13.0	13.1	13.0	13.0	13.3	13.2	13.2	13.2	13.3	13.2	13.3	13.3	12.9	14.1	13.2	
13	13.3	13.9	13.1	13.3	12.9	13.3	15.1	13.3	13.0	13.1	13.9	12.9	13.3	13.2	13.2	13.2	13.2	13.9	13.2	13.1	13.3	13.3	13.3	13.3	12.9	15.1	13.3	
14	13.5	12.9	13.3	12.9	13.6	13.2	12.9	13.1	13.3	13.0	13.2	13.0	13.0	13.3	13.1	12.9	13.0	13.6	13.7	13.1	13.3	13.4	13.5	13.0	12.9	13.7	13.2	
15	13.3	13.0	13.2	13.0	12.9	13.1	13.6	13.2	13.3	13.6	13.6	12.9	12.9	13.0	13.0	13.0	13.0	13.4	13.1	13.7	12.9	13.4	13.4	12.9	12.9	13.7	13.2	
16	13.0	13.0	13.5	13.0	13.0	12.9	13.2	13.4	12.9	13.1	13.1	13.9	13.2	13.0	12.9	13.0	14.3	12.9	13.0	13.5	13.2	13.1	13.0	13.3	12.9	14.3	13.2	
17	15.2	13.0	13.3	13.0	13.2	13.3	13.2	14.1	13.0	13.0	13.6	13.0	13.3	13.0	13.0	13.0	13.1	12.9	13.0	13.0	12.9	12.9	13.6	13.9	12.9	15.2	13.3	
18	13.4	13.4	12.9	13.0	13.0	13.5	13.1	13.0	12.9	13.4	15.1	14.6	13.6	13.2	12.9	13.1	13.5	13.7	13.3	13.0	13.2	13.0	12.9	13.0	12.9	15.1	13.3	
19	13.3	13.0	13.0	13.1	12.9	13.2	12.9	13.5	13.2	12.9	13.1	13.1	13.2	12.9	13.0	12.9	13.4	13.2	13.6	12.9	13.3	12.9	13.0	13.0	12.9	13.6	13.1	
20	13.1	12.9	12.9	13.0	13.0	13.7	13.1	14.5	13.3	13.1	13.6	13.0	13.3	13.3	13.4	13.0	14.6	13.1	12.9	13.5	13.4	13.0	13.0	13.5	12.9	14.6	13.3	
21	13.0	13.0	12.9	13.0	12.9	13.0	12.9	13.7	13.2	13.3	13.0	13.1	12.9	13.0	13.0	13.3	12.9	13.0	13.0	13.0	13.2	13.2	12.9	12.9	12.9	13.7	13.1	
22	14.3	13.9	13.6	13.0	13.0	13.1	13.0	13.3	13.3	13.0	13.1	13.0	13.3	13.1	13.4	14.8	13.4	12.9	13.6	13.2	13.0	13.4	13.6	13.0	12.9	14.8	13.3	
23	15.0	13.0	13.1	13.2	13.1	12.9	13.2	13.0	13.9	13.2	13.0	13.0	13.3	12.9	13.2	12.9	13.2	13.1	13.0	13.0	13.4	13.4	13.0	13.0	12.9	15.0	13.2	
24	13.2	13.2	13.2	13.2	15.2	14.7	12.9	13.0	13.1	13.0	13.0	12.9	13.0	13.0	12.9	13.2	13.1	13.0	12.9	13.1	13.6	13.2	12.9	13.7	12.9	15.2	13.2	
25	13.0	13.2	13.8	13.1	13.1	13.1	12.9	13.5	13.3	13.1	13.1	13.2	13.1	14.5	13.0	13.1	12.9	12.9	13.4	13.4	13.1	13.0	13.5	12.9	12.9	14.5	13.2	
26	12.9	12.9	13.8	13.0	13.0	15.2	12.9	13.4	13.3	13.0	13.1	12.9	13.1	13.2	13.3	13.0	13.1	13.6	13.4	14.4	12.9	14.8	13.7	13.9	12.9	15.2	13.4	
27	12.9	13.0	13.0	13.0	14.2	13.9	13.0	13.1	13.4	13.3	12.9	13.1	13.3	13.1	13.0	13.4	13.1	12.9	13.1	13.0	13.1	13.6	13.5	14.3	12.9	14.3	13.2	
28	12.9	13.3	13.2	13.7	13.0	12.9	13.0	13.5	14.5	13.0	12.9	13.0	12.9	13.0	12.9	12.9	13.4	13.0	13.3	13.1	13.3	13.1	13.2	13.1	12.9	14.5	13.2	
29	13.2	13.0	13.1	13.1	12.9	12.9	13.0	12.9	13.9	13.6	12.9	12.9	13.0	12.9	12.9	12.9	13.0	13.4	13.7	13.3	13.3	13.0	13.3	13.0	12.9	13.9	13.1	
30	13.3	13.5	13.4	13.1	12.9	13.2	12.9	14.4	13.2	13.5	13.0	13.5	13.1	13.6	13.0	12.9	13.6	13.0	13.1	13.1	13.3	13.7	13.4	13.0	12.9	14.4	13.3	
31	13.3	12.9	12.9	12.9	13.1	13.7	13.2	13.4	12.9	13.1	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.6	13.3	12.9	13.0	12.9	12.9	12.9	13.7	13.1	
Min	12.9	12.9	12.9	12.9	12.9	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8			
Max	15.2	13.9	14.2	13.9	15.2	15.2	15.1	14.5	14.5	14.5	15.1	14.6	13.8	14.5	13.4	14.8	14.6	14.3	13.9	14.4	13.8	14.8	13.9	14.3		15.2		
Avg	13.3	13.2	13.2	13.1	13.3	13.4	13.2	13.3	13.3	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.3	13.2	13.3	13.2	13.2	13.3	13.2	13.3			13.2	

Total Data Records Possible: 744  
Total Valid Data Records: 744  
Percent Data Recovery: 100.0

#### Missing Data Codes

-----  
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-970 Data invalid - Does not meet consistency or an obvious problem  
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-980 Power failure  
-990 Reserved for future descriptor

Processed using: TABLE.EXE version 1.2