

White Water Wash Meteorological Data

April 2012

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
Units: mph
Channel: 10

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:11
Output File Name: wwwB0412.10

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	29.6	34.3	36.6	35.0	29.4	20.7	20.6	21.3	25.7	28.1	27.3	27.7	27.5	26.8	23.2	20.9	20.2	20.9	20.3	20.1	21.7	21.1	15.8	12.6	12.6	36.6	24.5
2	6.2	6.2	7.3	6.2	6.4	7.1	4.0	3.4	4.5	3.4	5.4	4.7	3.9	6.3	6.4	8.1	6.4	6.6	8.6	7.4	6.3	3.4	6.5	8.5	3.4	8.6	6.0
3	7.9	8.8	6.0	8.1	8.8	6.9	5.2	4.0	2.8	4.2	3.6	4.0	3.8	4.2	4.5	12.1	18.3	20.5	22.6	23.3	21.8	20.6	19.8	16.6	2.8	23.3	10.8
4	14.5	12.6	9.5	5.4	3.5	5.1	3.8	2.7	6.4	6.9	4.9	8.0	6.4	7.0	6.7	7.1	6.2	15.8	20.7	20.3	20.4	21.7	19.9	19.8	2.7	21.7	10.6
5	19.1	20.0	20.1	19.5	21.9	20.9	18.7	7.1	4.5	-960	-960	-960	14.1	11.3	14.4	22.0	26.3	29.5	26.5	26.9	27.5	27.6	30.6	32.5	4.5	32.5	21.0
6	31.0	22.0	20.5	19.3	15.1	14.3	13.3	13.1	8.3	3.7	7.5	8.5	4.6	7.4	7.1	5.4	6.4	8.8	7.3	7.1	6.2	7.2	5.4	8.7	3.7	31.0	10.8
7	8.2	5.7	4.9	5.8	5.3	6.6	4.6	4.9	2.9	2.6	4.3	6.3	6.5	6.5	4.9	6.4	5.7	4.7	3.5	4.0	6.8	7.6	8.4	7.6	2.6	8.4	5.6
8	7.7	7.4	8.4	7.8	8.6	6.5	5.5	3.9	3.1	1.1	3.3	5.3	5.8	7.5	6.4	8.6	8.0	5.6	6.4	13.4	14.6	8.9	11.5	8.5	1.1	14.6	7.2
9	8.8	9.8	10.0	9.9	7.5	8.2	8.4	5.6	4.0	6.6	9.4	8.4	10.3	10.1	9.7	9.0	8.0	5.6	13.4	22.7	22.7	19.9	21.3	17.9	4.0	22.7	11.1
10	15.6	15.5	9.3	8.4	9.9	9.7	7.3	4.9	6.9	3.9	3.4	3.7	3.5	8.9	19.0	24.5	27.2	31.5	32.7	29.3	25.5	22.7	27.0	29.7	3.4	32.7	15.8
11	27.1	27.8	26.1	25.2	19.7	15.1	11.2	4.0	5.4	7.2	18.7	15.1	24.1	17.6	18.6	13.9	12.9	13.1	21.6	22.8	21.9	23.5	22.3	22.2	4.0	27.8	18.2
12	16.6	8.5	15.7	7.1	5.0	7.8	7.6	8.0	16.4	13.1	25.7	30.5	25.9	29.3	29.5	25.8	22.4	25.7	25.8	27.4	28.6	26.0	27.1	25.5	5.0	30.5	20.0
13	25.1	26.7	22.7	18.5	17.7	15.3	17.9	17.3	13.6	13.5	18.6	18.5	13.3	18.7	15.9	13.2	16.7	8.3	2.7	9.7	7.2	4.6	5.2	8.2	2.7	26.7	14.5
14	4.7	8.5	9.8	9.2	6.0	4.6	4.8	3.1	5.3	12.9	14.7	23.6	22.2	26.4	27.1	26.4	24.0	21.1	20.2	18.7	21.2	22.1	20.2	17.9	3.1	27.1	15.6
15	19.0	16.4	13.3	13.2	10.8	8.7	10.6	11.0	6.6	3.4	2.5	4.9	5.0	4.7	3.8	8.8	15.4	15.3	16.2	16.1	11.1	11.3	12.4	13.6	2.5	19.0	10.6
16	13.1	8.2	8.0	8.6	6.0	6.5	5.1	3.5	2.1	3.9	6.5	7.8	8.4	7.7	6.4	5.3	3.7	4.7	4.9	3.7	10.4	10.9	11.8	9.4	2.1	13.1	6.9
17	6.7	8.3	6.6	5.9	7.5	6.4	5.7	8.1	6.5	3.7	3.3	6.8	6.4	6.5	5.1	7.2	14.4	15.9	17.9	18.1	15.7	13.4	12.9	8.9	3.3	18.1	9.1
18	10.0	7.6	8.8	6.5	7.0	5.9	7.3	3.4	4.2	4.5	4.3	6.8	11.4	13.7	18.6	21.5	22.7	23.5	27.3	22.8	24.7	27.1	25.5	24.5	3.4	27.3	14.2
19	25.7	26.5	26.3	21.5	17.3	13.5	13.6	12.2	7.0	3.6	5.9	7.8	5.2	5.1	5.9	5.5	9.6	8.6	10.3	14.0	11.7	8.1	9.5	8.4	3.6	26.5	11.8
20	5.3	6.4	8.0	8.3	5.0	6.5	5.5	5.8	5.6	4.3	7.9	7.1	7.0	5.6	6.1	4.2	3.4	3.2	6.5	16.0	15.5	13.4	11.2	11.7	3.2	16.0	7.5
21	11.6	9.3	6.5	6.1	3.7	5.3	4.3	6.4	3.8	4.0	5.6	7.4	6.8	6.7	6.4	6.9	7.7	18.0	18.3	19.1	18.0	14.6	13.3	14.6	3.7	19.1	9.3
22	15.0	15.3	15.0	15.4	12.4	12.5	10.1	7.4	2.9	2.4	4.6	7.6	9.7	10.2	8.3	8.4	22.0	22.5	23.7	20.4	9.9	9.5	15.2	17.0	2.4	23.7	12.4
23	20.7	21.2	26.3	27.2	27.8	27.0	29.4	19.5	19.8	17.3	21.8	25.3	26.0	27.3	29.3	32.5	33.4	31.4	33.7	32.0	28.9	28.6	28.2	31.6	17.3	33.7	26.9
24	30.8	26.3	24.6	24.0	22.2	21.3	17.5	12.5	13.5	11.2	7.4	5.1	4.0	3.7	7.2	15.1	12.6	12.7	17.8	19.0	24.3	25.6	26.8	20.6	3.7	30.8	16.9
25	12.4	6.4	6.2	13.0	14.4	16.5	21.0	15.9	10.9	6.0	3.7	10.4	7.6	13.4	11.2	9.7	11.1	12.7	23.0	29.8	35.3	35.7	30.6	24.9	3.7	35.7	15.9
26	24.1	25.0	11.4	9.1	5.4	10.7	10.0	9.9	6.4	3.4	4.8	12.1	18.5	22.5	21.2	25.0	23.3	25.3	25.3	25.5	24.4	23.3	24.0	27.0	3.4	27.0	17.4
27	23.0	26.0	26.6	27.3	22.8	20.9	19.9	17.7	9.6	6.3	4.3	4.5	4.6	6.3	7.1	10.4	15.8	18.3	19.9	21.9	20.0	20.6	22.0	19.6	4.3	27.3	16.5
28	17.7	17.6	15.3	11.2	7.9	7.5	10.2	8.3	4.5	2.7	3.7	4.5	4.8	6.5	5.3	4.4	8.4	16.6	20.0	22.0	20.9	19.3	16.1	13.0	2.7	22.0	11.2
29	8.5	9.5	7.8	6.2	6.8	5.4	5.1	4.9	4.0	11.0	11.5	9.4	9.2	8.7	8.5	7.7	9.6	10.9	8.0	10.1	9.3	6.5	5.0	6.9	4.0	11.5	7.9
30	7.3	7.3	6.1	6.3	8.3	6.7	4.2	2.9	7.5	7.4	7.2	8.5	8.1	8.6	10.9	9.5	7.8	18.5	21.7	18.4	17.0	14.6	12.9	12.8	2.9	21.7	10.0
Min	4.7	5.7	4.9	5.4	3.5	4.6	3.8	2.7	2.1	1.1	2.5	3.7	3.5	3.7	3.8	4.2	3.4	3.2	2.7	3.7	6.2	3.4	5.0	6.9	1.1		
Max	31.0	34.3	36.6	35.0	29.4	27.0	29.4	21.3	25.7	28.1	27.3	30.5	27.5	29.3	29.5	32.5	33.4	31.5	33.7	32.0	35.3	35.7	30.6	32.5		36.6	
Avg	15.8	15.0	14.1	13.2	11.7	11.0	10.4	8.4	7.5	7.0	8.7	10.4	10.5	11.5	11.8	12.9	14.3	15.9	17.6	18.7	18.3	17.3	17.3	16.7			13.2

Total Data Records Possible: 720
Total Valid Data Records: 717
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: 11

Site: White Water Wash (data subject to change)
 Month: April
 Year: 2012
 Time Zone: PST

Validation Level: B
 Printout Date: 05-07-2012
 Printout Time: 13:40:12
 Output File Name: wwwB0412.11

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	305	305	300	299	313	306	301	303	303	301	295	295	295	297	296	295	297	297	298	296	296	298	307	316	[WNW]
2	280	326	335	351	343	337	347	254	74	237	247	173	227	283	260	40	326	339	4	341	320	330	332	338	[NNW]
3	330	325	336	352	345	336	312	315	265	187	170	244	245	293	202	293	299	299	299	297	298	299	297	297	[WNW]
4	298	304	302	306	301	326	294	192	132	130	122	137	153	151	146	147	142	307	295	296	298	297	296	295	[WNW]
5	294	296	300	291	293	288	287	236	159	-960	-960	-960	317	326	311	312	313	310	306	307	313	319	322	316	[NW]
6	310	310	308	317	303	305	298	294	295	290	295	312	324	321	333	307	275	347	338	299	314	331	341	358	[NW]
7	335	319	326	341	334	347	346	353	357	165	154	145	146	154	140	124	124	135	115	299	0	329	2	339	[NNW]
8	349	338	344	329	344	335	326	326	323	293	173	165	144	127	142	136	138	115	360	291	285	292	322	340	[NNW]
9	349	354	337	356	347	354	350	327	202	141	125	125	116	121	129	138	130	136	311	299	299	298	298	302	[SE]
10	315	312	325	337	357	356	358	183	144	92	182	229	268	328	295	299	299	298	297	300	314	305	299	303	[WNW]
11	305	297	288	289	298	302	300	262	218	227	305	299	305	304	310	306	303	294	302	308	302	309	309	306	[WNW]
12	293	268	286	269	247	260	241	246	284	262	289	294	291	295	294	295	307	295	295	301	299	291	295	299	[WNW]
13	299	294	293	288	298	302	304	307	308	300	303	305	312	303	308	313	307	352	284	276	297	200	87	220	[WNW]
14	35	353	305	307	237	222	226	134	268	269	303	304	308	302	298	293	297	295	297	303	309	309	306	310	[WNW]
15	306	296	296	312	311	311	317	304	296	233	163	139	132	122	114	272	299	300	299	289	276	304	307	317	[NW]
16	312	335	355	358	344	340	341	313	250	162	146	138	128	126	113	118	143	148	120	306	320	301	302	301	[SE]
17	343	342	354	332	350	357	357	324	337	244	126	139	144	147	132	315	302	301	299	297	303	301	302	305	[WNW]
18	308	323	301	316	332	312	270	198	187	203	181	302	308	302	305	303	301	303	303	308	301	304	305	301	[WNW]
19	301	301	301	297	307	287	306	298	296	182	160	180	174	200	246	243	11	32	317	304	293	326	332	337	[WNW]
20	343	311	347	344	348	341	331	320	315	271	178	176	159	172	166	183	161	145	229	304	295	295	337	330	[NNW]
21	328	343	351	360	340	345	325	305	229	190	185	155	131	150	167	148	130	301	301	298	299	304	317	326	[NW]
22	326	324	318	311	309	319	309	300	261	201	154	152	139	131	134	158	300	301	300	303	310	339	315	317	[NW]
23	317	318	308	301	300	300	300	298	296	300	300	302	303	303	302	303	301	300	300	299	297	297	298	294	[WNW]
24	298	300	309	303	295	305	302	302	307	311	302	310	217	195	226	303	305	308	302	324	307	295	296	299	[WNW]
25	305	256	275	303	322	300	309	318	300	261	335	147	139	123	135	127	129	141	292	303	301	298	305	305	[WNW]
26	301	297	282	301	184	317	313	305	302	216	29	313	313	314	315	301	303	305	304	305	298	302	302	307	[NW]
27	312	307	304	297	299	301	304	298	295	305	287	266	293	207	178	270	300	303	303	305	306	305	305	305	[WNW]
28	307	307	305	305	337	0	335	319	287	280	168	337	1	55	322	206	343	296	300	300	305	310	309	305	[NW]
29	330	332	327	340	345	338	322	333	55	125	127	125	139	142	143	139	127	122	114	321	326	359	336	345	[NNW]
30	347	330	341	351	351	332	328	77	122	133	138	121	120	127	123	130	110	309	301	304	309	309	305	310	[NW]

Prev [NW] [NW] [WNW] [WNW] [NNW] [NNW] [NW] [NW] [WNW] [W] [WNW] [SE] [SE] [WNW] [SE] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [NW] [NW] [WNW]

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Channel: 11

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Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:12
Output File Name: wwwB0412.11t

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

Prev [NW] [NW] [WNW] [WNW] [NNW] [NNW] [NW] [NW] [WNW] [W] [WNW] [SE] [SE] [WNW] [SE] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [WNW] [NW] [NW] [WNW]

Total Data Records Possible: 720
Total Valid Data Records: 717
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: 12

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:14
Output File Name: wwwB0412.12

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	11.7	12.2	8.0	7.6	7.2	8.2	11.8	12.4	10.5	9.2	7.6	8.2	9.0	9.3	9.1	8.5	8.2	7.6	6.8	7.8	7.5	7.3	9.1	19.5	6.8	19.5	9.3
2	66.1	40.9	19.2	20.6	11.3	28.0	40.4	43.0	26.6	42.9	39.4	45.8	60.0	33.1	39.3	22.6	55.3	34.5	28.9	15.6	32.8	49.0	8.8	6.9	6.9	66.1	33.8
3	8.4	6.8	9.5	12.9	9.7	8.9	15.1	9.4	19.0	23.9	43.4	42.2	73.1	47.6	62.3	24.9	9.9	9.3	8.7	8.3	8.6	9.1	7.9	7.9	6.8	73.1	20.3
4	8.7	7.6	8.9	17.9	26.7	17.0	18.6	10.4	13.1	16.4	25.8	16.2	22.4	22.6	23.3	16.7	13.9	29.6	8.0	8.1	7.4	7.7	7.8	7.3	7.3	29.6	15.1
5	7.9	8.6	9.1	9.7	8.5	8.5	9.2	18.5	14.8	-960	-960	-960	20.1	28.1	27.8	13.6	11.3	11.4	10.3	10.3	10.0	8.9	7.7	7.1	7.1	28.1	12.4
6	8.1	8.6	7.4	7.4	10.3	6.9	6.8	9.7	23.7	51.4	34.1	26.0	52.7	30.2	21.1	24.4	23.9	13.3	12.1	8.6	8.7	6.7	8.6	5.2	5.2	52.7	17.3
7	8.8	12.1	8.7	12.9	10.2	5.8	9.5	8.4	19.3	42.3	33.8	26.6	25.1	21.7	44.5	19.0	18.3	9.1	8.3	33.0	10.4	15.5	3.9	6.3	3.9	44.5	17.2
8	6.3	7.3	3.0	4.4	5.2	6.7	16.7	9.3	20.3	61.6	52.8	34.2	25.3	24.8	20.2	14.1	12.8	17.0	23.8	11.7	13.6	21.5	9.2	12.8	3.0	61.6	18.1
9	9.5	8.4	13.6	8.5	12.6	5.5	8.1	10.9	15.6	19.6	13.7	15.7	16.3	15.6	15.6	15.4	14.3	11.5	34.1	7.8	7.4	7.9	7.4	7.1	5.5	34.1	12.6
10	8.7	6.5	11.2	14.1	6.3	7.3	13.0	34.8	13.9	22.9	49.4	40.1	38.4	42.4	14.9	11.3	8.7	7.9	8.4	12.8	11.6	9.6	9.3	8.4	6.3	49.4	17.2
11	8.0	9.5	9.8	8.5	13.0	10.1	14.4	45.5	22.5	23.1	11.4	20.8	9.7	9.9	12.6	11.8	21.6	26.6	9.5	12.4	17.6	13.1	9.9	9.4	8.0	45.5	15.0
12	20.6	27.2	21.2	35.4	51.6	39.3	41.8	41.5	28.1	33.5	11.7	9.4	9.7	9.6	8.4	9.4	10.0	9.4	11.6	8.0	7.3	7.9	7.8	7.8	7.3	51.6	19.5
13	9.6	11.1	11.8	12.5	9.6	12.3	12.3	10.6	15.6	20.9	11.1	10.6	18.3	10.7	10.4	46.4	10.4	19.7	36.7	15.8	47.5	43.0	41.1	7.9	7.9	47.5	19.0
14	26.5	39.6	20.0	17.2	36.7	62.0	59.5	52.0	71.0	55.8	43.6	15.4	13.9	10.3	9.0	8.7	8.7	8.5	9.0	10.0	8.1	7.5	7.7	8.8	7.5	71.0	25.4
15	8.2	8.7	12.0	8.2	9.1	12.2	10.0	9.4	18.7	32.5	56.0	30.9	38.6	58.6	50.0	37.4	8.8	7.9	7.5	9.7	11.6	9.4	7.3	7.7	7.3	58.6	19.6
16	8.1	7.5	9.6	7.2	11.0	7.8	7.5	16.2	30.2	29.0	19.8	21.5	26.0	29.5	26.8	30.9	31.6	13.5	6.8	59.5	10.7	9.1	8.8	7.9	6.8	59.5	18.2
17	12.4	4.8	6.9	15.6	9.7	8.5	7.8	11.1	16.0	27.9	71.0	37.2	34.2	36.8	38.8	44.7	11.3	8.3	7.6	7.7	8.1	9.2	7.7	13.0	4.8	71.0	19.0
18	10.1	14.4	16.6	16.8	15.6	23.7	27.5	22.6	16.0	22.6	50.4	68.3	23.6	18.0	11.5	9.6	8.4	8.3	8.1	12.1	8.9	8.5	10.3	10.5	8.1	68.3	18.4
19	9.7	9.0	7.7	11.2	8.9	12.2	8.2	9.6	18.7	35.3	19.2	23.1	45.3	36.8	34.6	26.8	39.7	13.8	20.6	7.2	7.3	8.0	7.1	15.1	7.1	45.3	18.1
20	23.9	11.8	16.3	9.9	43.7	14.7	16.5	13.6	19.5	47.6	23.5	31.4	34.3	38.8	35.2	38.5	30.5	14.1	24.2	7.9	8.9	10.1	16.9	8.4	7.9	47.6	22.5
21	9.8	8.5	10.7	7.9	11.9	6.3	9.5	8.5	21.9	18.9	25.9	25.5	31.0	33.7	26.9	25.7	31.5	17.5	7.9	7.8	7.2	8.5	6.9	6.9	6.3	33.7	15.8
22	7.0	6.6	7.2	7.3	8.4	7.3	9.1	14.4	42.8	49.8	46.6	23.5	16.0	16.1	19.3	33.2	8.6	8.9	7.5	7.9	24.3	12.3	6.9	7.0	6.6	49.8	16.6
23	6.3	7.2	8.1	7.1	7.1	6.9	7.0	8.0	7.7	9.3	7.7	7.5	8.0	8.9	8.4	8.5	7.8	7.2	7.3	8.1	7.6	8.2	7.7	8.8	6.3	9.3	7.7
24	8.4	8.3	8.0	9.8	9.1	7.3	6.8	7.7	10.3	12.7	19.6	42.0	44.3	56.0	58.2	11.9	8.8	11.9	13.2	17.8	10.1	11.1	8.6	10.4	6.8	58.2	17.2
25	14.6	33.8	32.8	17.1	36.9	9.1	11.8	12.0	19.2	13.4	35.3	9.6	13.7	12.7	13.8	15.4	11.4	12.9	20.6	9.0	8.3	7.6	11.4	10.3	7.6	36.9	16.4
26	11.2	7.9	26.2	20.7	42.5	41.1	25.2	17.1	22.8	57.8	47.5	36.1	26.1	14.0	19.5	11.8	15.8	9.3	9.4	10.7	9.6	9.4	9.1	7.3	7.3	57.8	21.2
27	8.8	8.2	8.1	7.5	7.4	7.9	7.5	8.0	16.2	27.3	53.6	39.7	55.2	29.0	23.0	32.0	8.4	8.6	7.8	7.1	6.6	7.0	6.8	6.7	6.6	55.2	16.6
28	7.0	6.3	6.8	6.2	15.2	11.2	9.6	13.1	28.0	72.8	60.0	60.8	59.1	52.6	52.3	53.4	25.6	8.3	8.0	7.6	8.2	8.0	6.2	7.5	6.2	72.8	24.7
29	8.2	7.2	12.5	9.0	8.7	12.1	10.3	10.8	23.4	11.5	12.6	14.2	14.5	18.1	18.8	19.0	17.4	9.5	30.7	20.8	22.0	17.2	14.8	11.1	7.2	30.7	14.8
30	7.6	4.7	7.4	7.9	7.1	5.8	8.1	41.1	11.9	19.0	20.0	19.5	24.1	20.3	17.9	13.9	30.5	13.1	8.0	7.5	7.1	6.3	6.9	7.2	4.7	41.1	13.5
Min	6.3	4.7	3.0	4.4	5.2	5.5	6.8	7.7	7.7	9.2	7.6	7.5	8.0	8.9	8.4	8.5	7.8	7.2	6.8	7.1	6.6	6.3	3.9	5.2	3.0		
Max	66.1	40.9	32.8	35.4	51.6	62.0	59.5	52.0	71.0	72.8	71.0	68.3	73.1	58.6	62.3	53.4	55.3	34.5	36.7	59.5	47.5	49.0	41.1	19.5		73.1	
Avg	12.3	12.0	11.9	12.0	15.7	14.0	15.3	18.0	21.2	31.4	32.6	27.7	29.6	26.5	25.8	22.0	17.4	12.9	13.7	12.6	12.2	12.2	9.7	8.9			17.8

Total Data Records Possible: 720
Total Valid Data Records: 717
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: 18

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:21
Output File Name: wwwB0412.18

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	54.8	58.1	57.9	52.2	44.3	38.6	33.6	36.0	40.6	42.9	38.3	40.9	41.4	37.3	34.1	31.0	30.8	32.3	28.8	28.5	32.4	32.0	24.1	21.9	21.9	58.1	38.0
2	19.5	15.7	15.9	13.4	11.1	21.5	9.6	6.9	11.1	11.6	12.3	12.9	9.7	13.2	18.6	18.3	18.9	20.3	20.0	20.2	13.9	8.9	9.9	11.5	6.9	21.5	14.4
3	11.8	12.7	8.9	13.1	13.1	11.0	9.0	7.3	5.8	8.6	8.9	9.8	10.7	11.6	16.9	26.7	29.2	33.7	39.6	35.4	36.2	32.9	31.9	28.9	5.8	39.6	18.9
4	24.0	22.1	17.3	14.4	9.3	10.6	9.6	5.1	10.5	11.7	9.9	12.8	12.9	13.8	13.7	13.2	11.8	32.0	33.0	30.8	32.8	33.9	30.5	29.0	5.1	33.9	18.5
5	30.3	32.7	35.5	32.9	34.9	31.9	34.4	18.0	10.4	-960	-960	-960	29.8	25.4	34.2	42.5	43.8	57.8	47.9	47.6	42.3	42.6	46.2	46.9	10.4	57.8	36.6
6	48.8	36.5	29.5	29.5	24.0	20.4	20.2	19.7	17.0	9.6	15.7	15.6	11.9	18.2	15.9	11.9	11.1	12.7	11.0	10.2	9.0	8.8	8.6	9.5	8.6	48.8	17.7
7	10.4	7.9	7.7	8.0	7.5	9.9	8.6	7.3	6.1	8.3	9.0	11.8	12.8	13.2	11.4	13.1	10.3	8.7	5.5	9.1	9.4	11.3	10.4	9.4	5.5	13.2	9.5
8	10.2	10.8	10.1	11.2	11.2	10.7	10.2	6.4	5.6	4.6	10.4	11.5	15.0	18.2	13.4	13.1	12.7	9.3	17.3	25.1	28.3	18.9	19.4	14.8	4.6	28.3	13.3
9	13.7	12.9	17.5	13.3	10.5	11.3	12.1	9.4	7.7	14.0	15.1	14.1	17.2	17.6	15.7	15.1	12.7	11.0	29.0	36.4	35.4	29.8	31.4	28.6	7.7	36.4	18.0
10	26.8	23.0	16.1	13.3	14.6	14.8	11.9	11.0	10.9	10.7	9.9	10.0	10.2	24.8	30.5	37.0	43.5	44.1	48.9	50.8	45.0	40.2	40.8	43.4	9.9	50.8	26.3
11	43.0	44.3	45.7	37.9	33.0	26.5	24.1	13.7	11.3	27.0	35.3	28.3	39.4	33.3	34.4	24.6	24.4	32.7	35.6	46.1	48.7	44.1	36.2	36.4	11.3	48.7	33.6
12	34.1	24.2	33.5	27.8	12.8	27.1	29.2	20.6	36.8	33.7	39.8	44.8	41.8	49.4	45.5	42.0	33.8	43.9	50.0	43.0	43.6	37.8	40.1	39.2	12.8	50.0	36.4
13	41.1	50.6	39.5	37.8	31.0	26.5	35.9	26.7	27.0	26.3	33.7	30.7	23.8	31.6	30.0	37.6	30.6	14.3	8.7	31.4	22.1	15.6	14.8	13.1	8.7	50.6	28.3
14	8.8	25.6	22.6	25.4	14.1	13.1	11.3	8.7	22.5	37.3	41.5	43.0	37.9	44.1	40.0	37.8	38.7	35.5	31.4	30.0	33.5	31.9	31.7	26.6	8.7	44.1	28.9
15	31.3	28.9	22.6	20.0	17.1	17.3	16.7	17.0	12.5	9.9	7.9	10.2	11.6	10.6	10.0	19.6	23.3	25.9	24.4	26.3	21.5	21.3	19.1	22.0	7.9	31.3	18.6
16	20.8	13.9	11.3	10.5	10.7	8.8	8.2	6.0	4.8	8.5	13.1	16.7	17.1	17.7	15.5	14.9	9.6	8.0	7.1	13.0	16.9	18.8	20.3	16.4	4.8	20.8	12.9
17	14.5	11.9	8.6	9.9	11.1	9.6	8.3	14.8	11.4	10.4	10.7	14.1	12.5	13.5	13.0	21.9	25.7	25.5	27.5	29.7	25.1	22.9	21.3	19.9	8.3	29.7	16.4
18	22.6	12.9	21.2	15.2	12.1	16.3	18.0	6.9	8.2	8.9	10.8	22.6	22.0	26.2	33.2	34.2	36.9	36.3	42.7	35.5	39.4	42.1	48.0	38.3	6.9	48.0	25.4
19	43.0	40.7	39.8	35.7	31.6	25.0	20.5	21.0	13.4	9.6	12.2	15.3	12.1	13.6	11.7	13.0	18.2	16.7	18.8	20.5	18.2	14.8	12.9	13.5	9.6	43.0	20.5
20	14.3	10.2	12.0	13.5	10.7	10.3	9.6	9.4	11.0	11.2	19.1	15.6	15.0	15.8	14.8	10.8	9.2	7.7	22.7	25.1	25.1	23.8	17.9	17.2	7.7	25.1	14.7
21	17.1	14.9	10.7	8.8	7.7	8.6	7.3	11.5	9.5	9.6	12.3	14.5	14.2	15.1	14.0	15.3	21.6	31.6	30.2	29.2	26.8	25.1	21.5	21.2	7.3	31.6	16.6
22	20.9	23.5	22.6	24.9	19.4	19.7	17.8	12.6	9.5	6.1	10.8	15.4	17.2	17.2	14.3	27.2	33.2	35.2	36.0	33.8	21.8	18.1	21.8	25.4	6.1	36.0	21.0
23	28.1	30.1	42.4	41.1	42.1	37.6	41.6	30.4	29.4	25.3	32.4	36.8	37.3	39.0	45.5	47.9	48.2	43.7	48.6	47.6	46.8	43.3	45.0	48.9	25.3	48.9	40.0
24	44.8	39.2	38.7	37.2	44.1	33.5	26.2	20.7	24.9	22.3	14.2	12.9	9.1	10.8	24.7	26.5	19.0	28.6	29.9	35.2	41.2	43.4	44.6	34.0	9.1	44.8	29.4
25	24.7	21.4	22.4	24.3	25.1	27.6	34.1	32.7	22.4	10.3	12.6	18.0	18.1	23.8	18.9	17.0	18.6	25.5	38.1	45.5	59.9	53.8	50.3	39.8	10.3	59.9	28.5
26	42.2	37.3	28.2	21.8	14.9	24.2	23.5	25.0	15.3	8.8	21.0	28.3	34.6	39.1	46.3	47.2	44.9	43.8	40.0	45.7	41.1	43.6	35.7	40.9	8.8	47.2	33.1
27	35.5	41.2	40.3	40.3	37.3	32.7	29.5	26.5	20.1	12.5	10.8	10.0	11.0	13.9	16.0	21.0	23.5	27.0	31.6	33.3	28.8	30.4	31.0	29.5	10.0	41.2	26.4
28	27.0	25.4	24.0	16.3	14.6	11.7	15.3	13.6	8.3	7.1	9.6	10.5	22.4	15.1	15.1	11.5	20.8	25.5	32.3	31.4	30.5	27.9	24.3	19.5	7.1	32.3	19.2
29	12.6	14.8	12.7	9.5	11.0	9.4	9.3	8.6	13.1	16.4	16.0	16.1	17.2	14.5	17.9	14.8	21.2	16.4	20.2	24.0	17.5	13.8	10.8	12.0	8.6	24.0	14.6
30	11.0	13.1	9.1	8.5	10.5	9.6	6.6	9.7	11.4	13.3	13.3	15.3	14.9	15.1	16.9	16.7	26.2	34.0	34.8	27.8	26.1	21.2	20.5	19.1	6.6	34.8	16.9
Min	8.8	7.9	7.7	8.0	7.5	8.6	6.6	5.1	4.8	4.6	7.9	9.8	9.1	10.6	10.0	10.8	9.2	7.7	5.5	9.1	9.0	8.8	8.6	9.4	4.6		
Max	54.8	58.1	57.9	52.2	44.3	38.6	41.6	36.0	40.6	42.9	41.5	44.8	41.8	49.4	46.3	47.9	48.2	57.8	50.0	50.8	59.9	53.8	50.3	48.9		59.9	
Avg	26.3	25.2	24.1	22.3	19.7	19.2	18.4	15.4	14.9	15.1	17.5	19.3	20.0	21.8	22.7	24.1	25.1	27.3	29.7	31.6	30.6	28.4	27.4	25.9			23.0

Total Data Records Possible: 720
Total Valid Data Records: 717
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: 8

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:09
Output File Name: wwwB0412.8

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	13.4	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.2	13.0	13.4	13.0
2	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	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0
3	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.3	13.1	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0
4	13.1	13.1	13.0	13.0	13.0	13.9	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.1	14.0	13.1	13.2	13.2	13.2	13.0	13.0	13.0	13.0	13.0
5	13.1	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.8	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.0	13.8	13.1
6	13.0	13.0	13.0	13.0	13.0	13.3	13.0	13.0	13.8	13.0	13.0	13.0	13.0	13.0	13.9	13.0	13.0	13.1	13.0	13.0	13.1	13.0	13.1	13.1	13.0	13.0	13.9
7	13.0	13.0	13.0	13.0	13.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.3	13.1	13.0	13.0	13.0	13.9
8	13.0	13.0	13.0	13.0	13.0	13.0	14.0	13.0	13.0	13.0	13.1	13.0	13.1	13.5	13.9	13.2	13.0	13.1	13.3	13.4	13.2	13.0	13.0	13.0	13.0	13.0	14.0
9	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.2	13.1	13.0	13.0	13.0	13.2
10	13.0	13.1	13.0	13.1	13.8	13.5	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.2	13.1	13.0	13.3	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.8
11	13.0	13.6	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.9	13.0	13.6	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.9
12	13.4	13.3	13.0	13.0	13.0	13.0	13.0	13.9	13.0	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	13.3	13.0	13.0	13.0	13.9
13	13.0	13.0	13.0	13.0	13.1	13.7	13.8	13.0	13.4	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.4	13.0	13.0	13.0	13.0	13.8
14	13.0	13.0	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.6	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	13.0	13.6
15	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.4	13.1	13.1	13.0	13.1	13.1	13.0	13.1	13.0	13.4
16	13.0	13.1	13.1	13.3	13.0	13.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.9	13.7	13.0	13.1	13.1	13.3	13.0	13.1	13.0	13.1	13.1	13.0	13.9
17	13.1	13.0	13.1	13.9	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.9	13.2	13.6	13.0	13.4	13.0	13.0	13.1	13.0	14.0	13.0	13.1	14.0	13.0	14.0	13.2
18	13.0	13.0	13.0	13.8	13.0	13.1	13.9	13.0	13.0	13.0	13.0	13.3	13.2	13.7	13.0	13.0	13.0	13.2	13.0	13.6	13.0	13.0	13.1	13.0	13.8	13.0	13.9
19	13.0	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.1	13.1	13.1	13.2	13.1	13.0	13.2	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.0	13.0	13.2
20	13.6	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.2	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.9	13.1	13.0	13.9	13.0	13.0	13.0	13.0	13.9
21	13.1	13.2	13.1	13.0	13.0	13.9	13.0	13.1	13.6	13.0	13.5	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.0	13.8	13.0	13.1	13.1	13.1	13.0	13.9
22	13.0	13.0	13.2	13.0	13.0	13.1	13.2	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.1	13.1	13.1	13.1	13.0	13.4	13.1	13.1	13.0	13.0	13.1	13.0	13.4
23	13.0	13.1	13.0	13.0	13.0	13.0	14.1	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.0	13.1	13.0	13.0	13.8	13.1	13.0	13.0	14.1
24	13.8	13.0	13.0	13.0	13.0	13.2	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.1	13.2	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.8
25	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.2	13.3	13.2	13.2	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.3
26	13.0	13.0	13.2	13.0	13.0	13.0	13.8	13.0	13.0	13.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.0	13.0	13.0	13.2	13.4	13.0	13.8	13.1
27	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	13.1	13.6	13.0	13.0	13.0	13.0	13.0	13.6
28	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	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1
29	13.0	13.0	13.9	13.1	13.1	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.2	13.0	13.6	13.0	13.0	13.0	13.0	13.0	13.0	13.9
30	13.0	13.2	13.0	13.0	13.2	14.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.1	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.0	13.0	14.0
Min	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	13.0	13.0	13.0	13.0	13.0	13.0
Max	13.8	13.6	13.9	13.9	13.9	14.0	14.1	13.9	13.8	13.8	13.9	13.9	13.6	13.9	13.7	13.4	13.4	14.0	13.9	13.8	14.0	13.9	13.2	14.0		14.1	
Avg	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.1		13.1

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.2

Variable: Ambient Temperature
Units: Deg C
Channel: 19

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:23
Output File Name: wwwB0412.19

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	15.7	14.3	13.1	13.1	12.7	12.2	13.0	14.1	15.4	16.8	18.5	19.5	20.3	20.8	21.5	22.0	21.7	20.4	19.1	18.4	17.5	16.6	15.9	15.4	12.2	22.0	17.0
2	14.8	14.2	13.5	12.4	10.5	10.4	12.8	16.3	20.4	22.3	22.9	24.1	24.9	25.6	26.1	26.5	26.7	25.8	24.0	22.5	21.3	20.2	16.4	14.7	10.4	26.7	19.6
3	13.9	13.1	11.8	11.9	12.9	11.6	13.7	18.5	22.0	24.1	25.9	27.3	28.5	29.3	29.8	30.1	29.3	27.8	26.2	24.8	23.6	22.9	22.5	21.5	11.6	30.1	21.8
4	20.9	20.5	20.1	19.4	18.4	18.4	18.6	20.8	22.7	24.0	25.8	26.7	27.9	28.9	29.4	29.7	29.1	27.8	25.7	24.0	22.5	21.5	20.7	20.3	18.4	29.7	23.5
5	19.9	19.7	19.7	19.6	19.3	18.8	18.8	18.5	18.9	-960	-960	-960	25.4	25.9	26.4	25.9	24.8	22.8	20.8	19.0	17.5	16.3	15.5	15.1	15.1	26.4	20.4
6	15.4	14.9	14.1	13.1	12.7	12.0	12.8	15.4	18.0	19.7	20.9	21.8	23.0	23.8	24.4	24.9	24.8	23.9	21.7	20.2	17.7	15.5	13.6	12.6	12.0	24.9	18.2
7	12.3	12.4	12.8	12.3	10.4	9.4	12.1	17.0	21.8	24.6	25.6	26.4	27.3	28.2	28.8	29.0	29.1	28.2	25.8	21.5	18.4	18.3	16.9	16.2	9.4	29.1	20.2
8	14.8	14.1	13.5	12.6	12.1	11.7	14.9	20.5	24.6	27.7	29.0	29.8	30.4	31.1	31.3	31.0	31.0	30.2	28.3	26.7	26.0	24.6	23.1	21.7	11.7	31.3	23.4
9	19.9	18.2	18.7	16.8	16.0	16.0	18.4	23.3	26.4	27.3	28.3	29.0	29.6	30.5	31.1	31.2	31.0	30.3	27.9	25.4	24.3	23.7	22.4	21.6	16.0	31.2	24.5
10	20.4	20.0	20.3	18.8	18.3	18.0	20.5	22.5	23.4	25.5	27.0	28.1	29.1	29.9	29.5	28.0	26.1	23.1	20.5	18.9	18.0	17.8	16.7	15.0	15.0	29.9	22.3
11	15.4	16.0	15.8	14.9	14.2	14.1	15.2	15.6	16.9	17.9	18.2	18.4	17.6	18.9	18.6	18.8	18.8	18.3	17.1	16.2	15.5	14.9	14.4	14.4	14.1	18.9	16.5
12	14.7	13.9	14.3	13.8	13.2	13.1	14.2	15.7	17.4	19.0	20.0	20.5	21.4	21.8	21.3	21.2	20.7	19.5	18.1	17.0	16.3	16.2	15.4	15.1	13.1	21.8	17.2
13	14.7	15.3	15.3	15.3	14.6	14.3	14.7	16.2	18.0	19.2	18.8	19.0	19.3	17.7	15.1	12.8	10.4	10.3	10.4	10.0	9.4	9.7	10.0	9.3	9.3	19.3	14.2
14	9.0	9.8	10.1	9.9	9.3	9.4	11.3	12.7	14.4	14.9	15.9	16.6	17.5	18.0	18.0	17.9	17.6	17.0	16.3	15.6	14.8	14.1	14.0	13.6	9.0	18.0	14.1
15	13.3	13.2	12.8	12.1	12.0	12.1	13.4	15.3	17.4	19.5	21.3	22.7	24.1	25.4	26.3	26.5	26.0	25.0	23.5	22.4	21.3	19.8	18.6	18.0	12.0	26.5	19.2
16	17.8	16.4	14.9	13.9	13.0	12.5	15.5	19.7	23.2	25.5	27.0	28.3	28.8	29.3	29.6	29.9	30.0	29.3	27.2	26.0	24.8	23.5	22.8	21.9	12.5	30.0	22.9
17	20.6	18.9	17.4	17.3	17.5	17.4	20.3	24.7	27.5	29.4	31.0	31.4	32.1	32.7	33.1	33.7	33.2	31.7	30.1	28.7	26.8	25.5	24.8	24.0	17.3	33.7	26.2
18	24.2	23.5	23.7	22.8	22.9	22.2	25.0	25.8	28.4	30.2	31.6	32.2	32.7	33.1	33.6	33.2	32.4	30.7	28.5	27.0	26.1	24.9	24.4	24.1	22.2	33.6	27.6
19	23.9	23.8	23.7	23.4	23.0	23.1	23.8	25.9	27.9	29.7	31.8	33.9	35.2	36.0	36.5	37.0	36.8	35.8	32.9	29.9	27.9	26.4	25.6	24.4	23.0	37.0	29.1
20	23.8	22.3	21.8	22.1	21.7	21.1	25.1	31.2	34.2	35.5	36.2	36.6	37.0	37.6	38.0	38.4	38.3	37.6	35.1	33.2	32.0	31.0	30.3	29.0	21.1	38.4	31.2
21	28.5	26.3	24.5	24.0	24.4	23.8	26.6	31.1	34.2	36.5	38.1	38.7	39.1	39.6	39.8	39.7	39.3	37.3	35.0	32.4	30.2	29.5	28.3	27.0	23.8	39.8	32.2
22	27.3	27.5	27.1	26.5	26.5	28.2	31.2	33.8	35.8	37.1	37.9	38.3	38.7	39.0	38.8	35.8	33.1	30.1	28.6	27.3	27.1	26.7	25.2	25.2	25.2	39.0	31.4
23	23.6	21.8	20.5	19.2	18.3	18.4	19.2	21.9	23.8	26.1	26.6	26.7	26.8	26.6	25.3	23.5	22.3	21.2	19.9	19.7	19.4	19.0	18.5	18.7	18.3	26.8	22.0
24	18.3	17.9	17.4	17.3	17.4	16.5	17.8	19.9	22.2	24.3	26.7	29.2	31.0	32.7	32.8	32.0	31.3	30.0	28.0	27.0	26.2	25.4	24.3	24.4	16.5	32.8	24.6
25	25.0	25.4	25.2	26.5	25.9	25.9	25.0	24.8	26.7	28.2	30.0	30.2	31.4	32.7	33.3	33.4	32.9	32.0	27.8	23.0	20.3	19.8	20.0	19.8	19.8	33.4	26.9
26	18.9	16.7	17.3	17.4	16.3	16.6	17.7	18.6	20.6	22.1	23.5	24.0	24.0	24.1	24.3	23.7	23.0	21.9	20.2	20.0	20.8	20.5	20.3	18.6	16.3	24.3	20.5
27	18.2	17.8	17.6	17.6	17.3	17.0	18.0	19.7	21.8	23.3	25.8	28.2	29.6	30.5	31.0	30.9	29.9	28.2	25.9	23.8	22.2	21.1	20.0	19.7	17.0	31.0	23.1
28	19.7	19.7	19.6	19.1	18.6	19.0	21.4	24.3	29.0	31.2	32.5	32.9	34.0	34.0	34.4	34.9	34.5	33.0	30.9	28.7	27.2	25.6	24.5	23.4	18.6	34.9	27.2
29	22.2	22.0	20.9	19.8	19.2	19.9	22.5	25.7	29.3	29.2	30.2	32.0	33.0	33.7	34.2	34.3	34.0	32.6	30.8	27.4	25.4	24.4	23.1	22.6	19.2	34.3	27.0
30	21.4	20.3	18.7	18.3	18.1	18.1	20.7	24.8	25.8	27.7	29.1	30.3	31.5	32.7	33.0	33.1	32.9	30.1	26.6	24.6	23.1	21.8	21.2	21.0	18.1	33.1	25.2
Min	9.0	9.8	10.1	9.9	9.3	9.4	11.3	12.7	14.4	14.9	15.9	16.6	17.5	17.7	15.1	12.8	10.4	10.3	10.4	10.0	9.4	9.7	10.0	9.3	9.0		
Max	28.5	27.5	27.1	26.5	26.5	26.5	28.2	31.2	34.2	36.5	38.1	38.7	39.1	39.6	39.8	39.7	39.3	37.6	35.1	33.2	32.0	31.0	30.3	29.0		39.8	
Avg	18.9	18.3	17.9	17.4	16.9	16.7	18.4	21.1	23.5	25.4	26.7	27.7	28.4	29.0	29.2	29.1	28.4	27.2	25.1	23.4	22.1	21.3	20.4	19.6			23.0

Total Data Records Possible: 720
Total Valid Data Records: 717
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: Relative Humidity
Units: %RH
Channel: 20

Site: White Water Wash (data subject to change)
Month: April
Year: 2012
Time Zone: PST

Validation Level: B
Printout Date: 05-07-2012
Printout Time: 13:40:24
Output File Name: wwwB0412.20

Day	Hour Ending													15	16	17	18	19	20	21	22	23	24	Min	Max	Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13														14
1	59	49	51	44	54	58	54	48	41	35	30	28	28	27	25	21	22	24	25	25	30	34	36	37	21	59	37
2	37	38	40	44	52	51	38	26	15	11	10	10	10	9	9	9	9	10	11	12	19	19	27	27	9	52	23
3	27	27	31	31	26	27	24	21	16	13	11	10	9	9	10	12	12	15	17	19	17	20	19	20	9	31	18
4	22	22	21	21	23	22	24	24	20	19	18	15	14	13	13	13	14	15	20	19	22	21	21	21	13	24	19
5	23	24	23	21	22	26	25	28	29	-960	-960	-960	14	13	13	15	16	22	33	42	42	43	44	45	13	45	27
6	42	39	37	43	36	36	34	19	11	9	10	9	8	8	7	7	6	5	6	7	9	10	12	12	5	43	17
7	11	11	11	12	16	16	15	11	7	5	5	5	5	5	5	4	4	4	7	9	9	10	12	13	4	16	9
8	14	15	16	16	17	17	16	15	10	7	7	6	5	4	5	5	6	7	10	12	13	14	15	17	4	17	11
9	19	22	21	22	22	21	19	14	12	12	12	11	10	11	11	11	11	11	11	13	17	17	18	19	10	22	15
10	21	21	22	20	19	16	14	17	19	15	14	12	11	11	13	17	22	35	45	50	55	54	57	59	11	59	27
11	58	48	54	59	59	59	60	59	57	56	54	51	55	46	49	47	42	39	40	48	53	54	55	54	39	60	52
12	47	51	49	51	52	50	46	40	29	25	23	22	20	19	22	24	25	29	41	54	57	53	57	58	19	58	39
13	59	54	53	55	59	58	56	44	35	32	37	39	41	52	60	72	80	83	85	83	75	75	70	76	32	85	60
14	76	67	63	63	66	64	54	53	40	36	33	32	27	25	27	29	30	32	36	40	49	54	54	57	25	76	46
15	58	57	58	59	58	57	51	44	34	31	28	26	22	19	19	20	19	21	28	33	39	53	57	57	19	59	40
16	58	58	58	59	59	58	55	37	26	22	18	13	13	13	13	12	12	13	16	19	28	27	27	28	12	59	31
17	31	38	42	41	39	38	32	22	18	16	14	13	12	12	12	11	14	19	19	25	27	27	27	27	11	42	23
18	22	23	23	26	24	25	19	20	17	13	11	12	13	11	10	12	15	18	24	27	27	31	35	37	10	37	21
19	39	39	39	39	40	37	34	29	24	21	19	15	13	12	11	11	10	10	23	32	37	43	43	42	10	43	28
20	42	51	51	32	32	40	27	16	12	12	11	11	11	11	11	11	11	15	17	17	18	19	22	11	51	21	
21	21	26	28	28	27	27	25	18	16	13	11	11	10	9	9	9	10	15	17	24	30	31	35	41	9	41	20
22	37	34	34	37	36	36	32	24	18	16	14	13	13	11	11	13	25	29	37	41	46	43	42	53	11	53	29
23	55	56	57	64	70	66	62	55	53	43	41	41	40	40	44	52	55	55	55	56	56	56	57	57	40	70	54
24	57	57	59	58	57	62	56	54	45	38	29	18	16	13	12	14	17	18	22	25	28	32	39	36	12	62	36
25	32	30	30	24	28	28	32	34	27	26	23	25	20	15	14	14	14	16	31	46	56	56	56	56	14	56	30
26	57	68	64	60	71	64	57	55	48	38	33	34	34	32	33	36	40	45	55	55	48	48	48	57	32	71	49
27	57	57	57	57	57	57	56	53	43	35	26	19	17	18	18	19	26	32	41	50	55	56	57	57	17	57	42
28	56	56	56	57	57	56	49	37	18	10	8	8	7	7	7	7	8	13	19	29	30	37	42	47	7	57	30
29	53	50	45	44	40	48	40	29	17	20	19	15	13	11	11	10	11	12	17	43	52	55	56	56	10	56	32
30	56	57	57	58	57	47	47	34	32	29	26	24	20	17	16	14	16	31	44	54	56	56	56	56	14	58	40
Min	11	11	11	12	16	16	14	11	7	5	5	5	5	4	5	4	4	4	6	6	7	9	10	12	4		
Max	76	68	64	64	71	66	62	59	57	56	54	51	55	52	60	72	80	83	85	83	75	75	70	76		85	
Avg	42	42	42	41	42	42	38	33	26	23	20	19	18	17	17	18	20	23	28	33	36	38	40	41			31

Total Data Records Possible: 720
Total Valid Data Records: 717
Percent Data Recovery: 99.6

Missing Data Codes

-910 No data collected - system not set up
-920 Instrument Malfunction
-930 Data Logger Malfunction
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-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: Maximum Sustained wind Speed
 Units: mph
 Channel: 21

Site: White Water Wash (data subject to change)
 Month: April
 Year: 2012
 Time Zone: PST

Validation Level: B
 Printout Date: 05-07-2012
 Printout Time: 13:40:25
 Output File Name: wwwB0412.21

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	43.6	51.4	48.5	43.0	38.9	30.2	26.8	30.7	35.5	36.0	33.6	34.7	34.8	32.0	28.0	27.2	25.8	27.0	24.8	25.6	27.1	26.3	21.6	17.1	17.1	51.4	32.1
2	16.5	12.2	13.7	11.6	10.3	16.8	9.0	6.4	8.8	7.7	10.6	9.2	8.7	11.0	16.5	14.9	15.0	17.9	17.6	15.8	11.3	8.1	9.1	11.0	6.4	17.9	12.1
3	11.4	12.1	8.7	12.1	11.1	10.2	8.2	6.6	5.0	6.2	6.9	7.7	8.1	9.3	12.1	18.9	25.5	28.1	30.0	30.9	30.6	27.9	26.8	25.4	5.0	30.9	15.8
4	21.2	19.4	14.5	12.5	7.9	9.0	6.3	4.7	8.8	9.6	8.5	10.9	10.8	11.5	11.5	9.9	10.7	27.1	28.3	25.4	27.1	28.6	27.2	25.8	4.7	28.6	15.7
5	26.3	26.9	28.2	26.5	29.5	27.2	29.5	18.5	8.6	-960	-960	-960	25.2	18.6	29.1	33.1	35.1	43.1	36.5	37.0	36.3	35.4	38.8	39.5	8.6	43.1	29.9
6	40.3	32.0	25.1	24.6	19.3	17.3	17.5	17.5	14.4	8.2	13.0	12.9	10.2	13.9	12.3	10.2	10.1	11.1	9.7	9.0	8.5	8.4	8.4	9.3	8.2	40.3	15.1
7	10.1	7.5	7.3	7.5	7.0	9.2	8.2	6.7	5.5	6.7	7.5	9.9	10.1	10.0	9.5	11.8	8.9	7.3	4.7	8.7	8.8	10.3	10.0	9.0	4.7	11.8	8.4
8	9.5	10.1	9.9	10.9	10.9	9.9	8.9	5.9	4.9	3.6	7.7	10.3	12.8	12.5	10.8	11.4	11.4	8.2	15.0	19.5	24.1	15.6	16.3	13.3	3.6	24.1	11.4
9	12.2	11.9	15.4	12.7	9.8	11.0	10.7	8.1	6.7	11.5	12.2	12.6	15.5	15.8	13.2	13.1	10.6	10.1	25.4	29.5	31.2	25.2	26.0	24.3	6.7	31.2	15.6
10	22.2	19.7	14.1	11.8	13.2	12.6	10.3	9.0	9.6	7.9	7.8	8.7	7.8	18.8	26.3	32.1	35.8	38.2	41.0	41.4	37.7	34.0	34.2	37.3	7.8	41.4	22.2
11	34.9	38.0	36.4	32.0	27.9	23.8	19.2	10.4	9.0	21.2	29.6	24.7	35.9	25.8	29.6	21.3	18.0	24.3	30.4	34.9	38.3	35.3	31.1	30.9	9.0	38.3	27.6
12	29.5	17.3	28.9	23.3	11.2	19.5	23.6	15.9	29.6	26.5	34.2	39.0	35.0	41.4	37.2	34.7	28.2	37.1	36.4	36.5	35.5	31.6	34.8	32.6	11.2	41.4	30.0
13	34.9	40.0	32.3	32.0	25.2	24.1	28.8	22.0	21.9	22.3	29.4	26.2	20.1	25.5	26.6	29.9	25.8	13.7	7.4	27.9	16.9	12.9	10.1	11.4	7.4	40.0	23.6
14	8.4	22.0	19.5	20.5	11.3	10.5	9.6	6.9	17.4	27.6	37.6	35.5	32.8	36.3	33.6	33.3	32.1	28.5	26.4	25.5	29.2	27.2	26.6	22.3	6.9	37.6	24.2
15	23.9	24.7	19.2	17.0	17.0	15.3	13.3	14.8	10.4	7.6	5.7	9.1	10.3	8.2	7.9	16.4	19.7	21.7	21.1	22.0	18.2	16.9	16.3	17.5	5.7	24.7	15.6
16	17.5	11.7	10.2	9.8	9.7	7.9	7.6	5.6	4.0	7.1	10.9	13.2	15.8	15.3	13.7	12.7	8.2	6.8	6.0	10.7	14.5	15.9	18.4	14.0	4.0	18.4	11.1
17	11.6	11.1	8.0	9.6	10.6	9.4	7.5	12.4	9.9	7.3	9.5	11.7	10.9	10.8	9.2	17.9	21.5	22.8	24.2	24.1	20.9	20.5	17.5	17.0	7.3	24.2	14.0
18	18.6	11.5	16.5	13.3	10.6	12.6	15.8	5.6	7.1	7.6	8.3	19.5	19.0	23.7	26.0	28.2	30.3	31.2	37.5	30.6	33.9	35.5	37.5	32.2	5.6	37.5	21.4
19	33.3	34.8	34.0	30.4	24.2	20.9	17.8	18.9	11.4	7.6	11.5	13.4	9.9	9.2	9.3	10.6	15.3	14.3	16.6	17.6	15.2	11.7	11.5	11.5	7.6	34.8	17.1
20	12.7	9.8	11.1	12.5	9.4	9.6	9.1	8.2	9.1	9.1	13.6	12.1	12.9	11.6	13.1	9.2	8.0	6.0	20.9	21.6	22.0	21.2	15.5	14.9	6.0	22.0	12.6
21	15.1	13.1	9.4	7.7	6.0	8.2	6.0	9.9	8.6	6.8	10.3	12.0	12.5	13.4	10.9	13.3	17.3	27.1	24.5	24.8	23.5	19.9	18.5	18.1	6.0	27.1	14.0
22	18.4	19.0	19.2	19.0	17.0	16.5	15.7	11.1	8.5	5.2	9.3	13.5	14.4	15.1	11.9	22.8	28.4	30.8	29.3	29.1	19.3	16.3	18.0	21.2	5.2	30.8	17.9
23	25.3	25.8	34.7	32.3	33.1	33.7	35.3	26.9	26.3	21.6	28.1	31.1	31.1	34.6	38.0	41.2	41.6	36.4	40.7	40.6	38.6	39.0	38.1	41.7	21.6	41.7	34.0
24	39.1	34.0	31.6	32.1	35.0	27.1	22.7	18.3	22.6	19.6	11.2	10.6	7.7	9.5	20.7	22.5	16.2	24.2	26.2	30.4	34.5	38.0	35.7	29.3	7.7	39.1	24.9
25	22.0	18.3	15.6	20.1	22.4	23.5	29.4	28.8	19.8	9.0	10.3	15.9	15.7	19.6	15.2	13.7	15.4	20.1	33.2	38.4	47.1	44.5	41.4	34.5	9.0	47.1	23.9
26	33.6	33.7	25.8	16.5	13.7	20.6	18.1	20.9	12.2	7.6	11.5	24.3	30.4	34.6	32.2	40.7	38.3	37.3	34.7	36.8	35.0	36.0	31.1	34.6	7.6	40.7	27.5
27	29.8	37.0	33.3	35.7	31.7	27.9	25.7	23.2	17.0	10.3	8.8	8.5	8.4	11.4	12.6	18.9	19.9	24.1	25.4	27.0	25.0	25.5	26.1	25.1	8.4	37.0	22.4
28	24.1	20.9	20.3	14.1	11.9	10.2	13.1	12.4	7.5	5.8	7.8	8.3	18.9	11.5	10.4	9.5	16.1	22.6	25.8	28.2	26.1	24.0	20.5	16.5	5.8	28.2	16.1
29	11.2	11.9	10.6	8.8	10.0	7.9	8.4	7.2	11.1	13.6	13.7	13.7	14.2	12.3	14.1	13.6	16.4	14.5	17.7	18.3	15.2	11.7	9.6	9.6	7.2	18.3	12.3
30	9.6	10.6	7.6	7.8	10.0	9.0	6.1	8.3	10.1	10.3	10.6	12.6	12.7	12.9	14.5	14.8	21.1	28.0	28.4	24.1	21.3	18.2	16.8	16.4	6.1	28.4	14.2
Min	8.4	7.5	7.3	7.5	6.0	7.9	6.0	4.7	4.0	3.6	5.7	7.7	7.7	8.2	7.9	9.2	8.0	6.0	4.7	8.7	8.5	8.1	8.4	9.0	3.6		
Max	43.6	51.4	48.5	43.0	38.9	33.7	35.3	30.7	35.5	36.0	37.6	39.0	35.9	41.4	38.0	41.2	41.6	43.1	41.0	41.4	47.1	44.5	41.4	41.7		51.4	
Avg	22.2	21.6	20.3	18.9	16.8	16.4	15.6	13.4	12.7	12.1	14.5	16.3	17.1	17.9	18.5	20.3	20.9	23.0	24.9	26.4	25.8	24.0	23.1	22.1			19.4

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Processed using: TABLE.EXE version 1.2