

White Water Wash Meteorological Data

June 2004

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed
 Units: mph
 Channel: 6

Site: White Water Wash (data subject to change)
 Month: June
 Year: 2004
 Time Zone: PST

Validation Level: B
 Printout Date: 07-16-2004
 Printout Time: 11:18:01
 Output File Name: WWWB0604.6

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	9.1	14.1	18.7	12.3	9.9	10.0	10.3	4.6	5.7	5.1	5.0	5.6	6.1	9.8	14.7	19.9	24.1	25.0	27.5	27.5	26.4	26.0	24.6	24.3	4.6	27.5	15.3
2	23.0	21.1	22.2	16.9	15.3	12.4	15.0	15.6	10.8	3.7	6.2	10.2	11.8	12.8	10.5	10.3	8.6	20.7	23.5	22.6	23.4	21.8	19.8	18.2	3.7	23.5	15.7
3	17.5	16.9	16.7	16.0	13.4	13.4	7.4	6.2	6.2	7.1	8.1	8.5	8.6	11.4	11.5	9.3	12.5	21.7	21.8	22.0	21.5	23.8	24.3	21.5	6.2	24.3	14.5
4	20.2	16.5	11.2	11.1	9.1	10.1	12.2	8.0	3.9	3.7	6.4	7.3	9.4	9.6	10.1	8.3	7.9	17.8	23.0	26.7	24.5	24.3	24.3	24.4	3.7	26.7	13.8
5	22.7	19.6	17.9	15.7	16.0	15.4	13.9	8.8	7.2	5.8	6.1	8.0	7.5	5.9	17.2	23.2	26.1	27.7	27.3	29.1	28.5	25.8	22.8	26.5	5.8	29.1	17.7
6	26.6	25.6	22.8	20.4	19.5	14.4	15.3	9.9	5.2	7.6	9.2	8.5	6.3	6.7	7.2	19.9	26.0	27.7	28.7	28.7	28.6	27.8	28.0	29.6	5.2	29.6	18.8
7	28.0	30.3	29.2	27.1	25.9	27.9	24.6	19.0	16.6	19.2	18.0	22.0	28.0	31.0	31.1	31.4	31.2	31.1	34.1	35.7	35.7	35.6	35.8	33.4	16.6	35.8	28.4
8	32.0	32.4	32.4	29.7	27.7	25.5	24.2	22.3	21.9	23.0	23.6	25.3	27.1	27.6	26.0	25.3	26.3	29.8	32.0	30.2	30.5	30.8	30.9	31.6	21.9	32.4	27.8
9	32.2	29.8	27.4	26.2	24.6	28.6	29.9	30.1	33.1	32.4	28.5	31.4	32.0	34.0	34.1	34.2	32.8	32.2	31.8	33.0	33.3	31.5	29.6	31.0	24.6	34.2	31.0
10	30.0	30.1	29.3	28.3	24.2	23.7	23.6	22.9	21.5	14.5	8.5	4.7	5.2	7.5	12.6	19.5	22.4	23.5	23.9	26.5	26.3	25.9	25.4	23.2	4.7	30.1	21.0
11	20.8	22.9	20.8	16.0	13.9	15.2	16.2	16.0	9.3	5.3	4.9	6.7	7.6	8.1	7.5	10.3	16.3	23.8	26.8	25.8	25.7	28.1	26.7	26.6	4.9	28.1	16.7
12	27.0	26.7	25.5	24.1	17.9	15.7	19.3	16.5	11.8	8.4	13.0	11.8	13.0	15.6	18.2	21.4	25.3	26.4	25.1	26.3	25.5	24.5	19.9	20.5	8.4	27.0	20.0
13	21.5	23.8	22.2	16.8	16.3	17.3	18.5	17.9	13.6	5.2	4.2	7.6	8.9	8.5	8.2	12.3	23.4	24.8	25.0	24.5	23.0	21.7	22.9	23.1	4.2	25.0	17.1
14	22.8	21.8	19.9	17.8	16.2	15.1	18.2	15.1	11.4	5.2	4.8	6.8	6.0	8.4	6.9	13.8	19.4	21.6	21.9	23.8	23.5	22.2	22.4	22.2	4.8	23.8	16.1
15	21.4	17.6	17.2	16.8	17.0	17.1	18.0	9.5	5.1	6.8	5.3	5.8	5.9	6.9	8.8	6.4	11.4	18.5	17.5	18.3	17.9	17.4	18.2	18.2	5.1	21.4	13.5
16	16.2	15.7	17.9	18.2	19.1	17.0	16.3	7.1	4.1	7.5	7.3	7.1	5.5	5.0	4.0	14.7	23.2	24.6	23.5	21.4	21.3	17.8	19.4	21.6	4.0	24.6	14.8
17	20.6	16.5	10.5	4.0	5.9	6.9	7.5	2.7	5.2	3.4	5.1	7.1	8.8	7.0	7.0	15.9	22.5	23.9	23.1	24.8	23.6	23.8	22.1	19.8	2.7	24.8	13.2
18	17.9	14.7	10.8	10.9	13.1	12.4	9.4	4.3	2.9	5.4	5.6	6.7	6.1	5.9	6.3	10.9	22.5	23.9	24.8	26.8	24.9	25.0	24.7	22.4	2.9	26.8	14.1
19	24.2	19.8	20.0	21.2	19.0	20.5	19.4	20.1	22.2	22.8	22.2	18.8	18.0	23.1	27.0	27.5	27.8	28.8	27.9	29.0	30.5	30.5	29.3	29.4	18.0	30.5	24.1
20	27.5	25.8	23.9	20.1	23.5	20.7	22.5	23.7	22.2	20.5	16.5	10.9	13.5	18.4	22.1	26.5	28.6	30.2	29.5	31.5	31.2	29.5	27.1	26.1	10.9	31.5	23.8
21	25.4	25.4	25.7	24.4	25.5	23.3	21.5	20.5	18.5	13.8	13.7	18.0	18.6	20.3	20.5	21.6	21.8	23.8	23.4	23.2	23.5	23.3	20.5	18.7	13.7	25.7	21.5
22	19.6	18.1	15.9	16.2	16.3	10.7	6.9	2.6	5.7	9.6	8.9	8.4	8.4	10.5	11.2	11.3	11.4	9.7	7.0	16.4	18.2	17.8	14.4	8.4	2.6	19.6	11.8
23	7.4	8.4	7.2	7.9	5.7	6.7	6.2	4.7	2.6	6.2	9.6	10.2	10.6	11.1	11.2	10.5	9.6	7.8	9.9	20.2	22.6	20.8	18.4	10.5	2.6	22.6	10.3
24	7.8	8.3	8.2	7.9	13.6	13.1	11.8	5.0	6.4	7.8	7.1	6.4	8.4	9.9	10.9	10.1	10.9	18.9	22.5	22.3	22.8	23.1	24.6	24.7	5.0	24.7	13.0
25	23.5	19.6	15.8	16.7	16.4	16.0	15.6	9.4	6.7	5.5	4.7	5.2	7.1	9.1	8.9	7.6	15.1	25.7	24.5	24.7	24.9	24.5	22.0	21.8	4.7	25.7	15.5
26	20.6	21.2	16.8	14.9	13.5	15.9	16.3	17.3	10.0	2.9	5.9	8.9	9.0	7.0	9.1	15.9	23.1	26.1	26.1	27.2	25.5	26.4	23.6	20.8	2.9	27.2	16.8
27	18.8	18.5	17.9	20.3	20.9	17.7	10.1	5.5	4.2	4.4	5.8	8.0	8.5	10.2	9.9	11.5	24.5	27.3	29.7	29.8	30.0	30.6	30.8	32.4	4.2	32.4	17.8
28	30.9	29.0	22.4	22.8	21.1	18.8	8.8	10.8	6.6	3.7	7.4	10.9	10.4	10.4	9.8	8.5	12.7	28.5	30.5	28.0	28.2	28.1	29.6	28.6	3.7	30.9	18.6
29	25.8	25.7	25.7	26.0	25.8	24.4	21.2	15.4	15.6	11.1	5.1	6.8	6.6	8.7	16.8	19.8	22.5	26.3	27.5	30.2	31.6	32.2	31.0	29.1	5.1	32.2	21.3
30	26.7	28.0	26.2	22.3	20.4	24.7	24.2	21.2	18.2	14.7	12.0	11.3	10.5	13.2	15.3	21.3	23.8	25.1	27.2	26.6	27.0	29.5	29.7	29.1	10.5	29.7	22.0
Min	7.4	8.3	7.2	4.0	5.7	6.7	6.2	2.6	2.6	2.9	4.2	4.7	5.2	5.0	4.0	6.4	7.9	7.8	7.0	16.4	17.9	17.4	14.4	8.4	2.6		
Max	32.2	32.4	32.4	29.7	27.7	28.6	29.9	30.1	33.1	32.4	28.5	31.4	32.0	34.0	34.1	34.2	32.8	32.2	34.1	35.7	35.7	35.6	35.8	33.4		35.8	
Avg	22.3	21.5	19.9	18.3	17.6	17.0	16.1	13.1	11.1	9.7	9.6	10.5	11.1	12.5	13.8	16.6	20.5	24.1	24.9	26.1	26.0	25.7	24.7	23.9			18.2

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.1

Variable: Unit Vector Wind Direction
 Units: degrees
 Channel: 7

Site: White Water Wash (data subject to change)
 Month: June
 Year: 2004
 Time Zone: PST

Validation Level: B
 Printout Date: 07-16-2004
 Printout Time: 12:00:14
 Output File Name: WWWB0604.7

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	278	291	293	277	292	286	251	199	255	191	153	172	268	327	309	307	305	305	303	306	306	306	310	314	[NW]
2	313	311	303	304	322	313	297	290	292	253	153	145	140	140	139	141	138	303	302	305	303	302	304	310	[WNW]
3	319	318	310	307	310	311	280	196	158	151	157	158	143	135	128	132	323	305	302	304	305	305	305	302	[NW]
4	302	314	331	323	319	335	331	286	199	156	145	136	118	137	141	144	133	302	305	303	305	306	312	320	[NW]
5	316	315	311	312	309	312	306	266	262	220	166	160	141	128	305	304	303	303	306	305	303	302	311	311	[NW]
6	307	307	304	306	294	277	282	244	176	142	135	123	138	127	137	306	303	304	303	303	303	300	302	311	[WNW]
7	306	301	298	292	295	297	299	301	300	299	300	299	299	300	301	308	307	304	306	306	302	298	299	299	[WNW]
8	304	307	309	304	305	303	304	301	302	299	303	304	303	305	309	311	312	308	306	308	306	300	298	294	[NW]
9	295	288	294	297	298	301	301	302	305	311	312	316	309	299	300	299	300	303	303	303	302	306	305	302	[WNW]
10	301	302	303	302	307	308	309	305	302	304	314	309	321	300	297	299	301	303	305	304	305	304	305	306	[NW]
11	314	315	311	322	334	324	320	312	290	204	157	145	137	131	122	332	314	305	305	305	307	305	304	303	[NW]
12	300	303	299	298	290	292	299	297	297	283	306	317	313	314	307	308	304	304	305	304	303	303	306	306	[WNW]
13	313	304	307	317	316	308	303	306	307	307	171	158	149	144	155	301	305	302	302	303	304	305	305	303	[NW]
14	305	302	303	313	313	299	294	297	296	222	162	141	139	136	138	303	303	302	303	302	304	306	304	302	[WNW]
15	303	293	296	309	306	309	304	271	164	150	159	151	121	130	125	125	331	301	305	306	309	307	307	307	[NW]
16	309	308	311	312	304	301	300	279	133	141	147	132	164	136	71	291	305	304	304	305	306	308	305	304	[NW]
17	308	302	306	339	311	324	274	195	160	153	168	142	129	116	95	312	305	305	304	305	304	300	300	298	[NW]
18	299	289	301	294	300	304	317	237	203	134	157	141	148	109	97	316	303	300	303	304	303	301	311	306	[WNW]
19	309	316	311	312	311	309	310	308	305	305	305	306	307	301	304	304	302	305	306	302	301	300	299	300	[NW]
20	299	301	298	310	299	310	315	306	302	298	301	301	304	305	303	300	302	303	303	303	302	301	300	305	[WNW]
21	308	308	303	303	306	302	299	296	294	301	303	303	307	302	300	302	301	304	304	306	307	306	313	311	[WNW]
22	315	317	299	303	303	324	318	320	137	135	140	143	151	148	138	144	125	132	124	309	309	307	313	330	[NW]
23	343	353	305	325	357	354	328	291	205	154	148	142	148	147	132	128	143	123	6	304	302	304	307	347	[NW]
24	344	344	341	346	309	316	322	237	139	144	145	157	158	137	129	125	54	306	301	302	304	304	302	300	[SE]
25	300	294	309	319	321	325	309	243	174	156	131	142	148	139	140	153	322	308	305	307	303	301	302	310	[NW]
26	320	310	329	336	328	314	308	304	308	73	163	147	128	132	116	333	303	305	303	303	303	301	302	306	[NW]
27	317	313	317	313	314	306	286	231	206	182	167	155	155	128	126	85	303	301	304	305	302	300	302	300	[NW]
28	301	298	298	297	301	303	273	301	292	207	141	132	144	142	141	142	313	303	302	303	303	301	301	306	[WNW]
29	314	308	310	304	304	303	308	303	305	303	282	322	301	297	304	306	303	302	304	303	301	301	302	301	[WNW]
30	304	300	304	317	312	306	298	301	302	305	310	311	317	301	298	304	306	307	305	308	304	302	302	302	[NW]

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

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 1.1

```
Validation Level: B
Printout Date: 07-16-2004
Printout Time: 12:00:14
Output File Name: WWWB0604.7t
```

Processed using: TABLE.EXE version 1.1

Variable: Sigma Theta (Yamartino)
 Units: degrees
 Channel: 8

Site: White Water Wash (data subject to change)
 Month: June
 Year: 2004
 Time Zone: PST

Validation Level: B
 Printout Date: 07-16-2004
 Printout Time: 12:00:14
 Output File Name: WWWB0604.8

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	26.5	12.9	10.2	17.3	13.9	18.8	23.5	19.2	31.6	27.0	33.9	31.0	57.8	30.8	18.0	15.4	10.2	10.7	7.8	9.0	7.9	8.4	7.7	7.1	7.1	57.8	19.0		
2	7.4	6.9	7.1	8.7	7.1	8.6	8.0	11.0	15.6	38.8	22.5	15.9	15.4	12.8	15.1	15.0	44.0	7.9	7.8	7.1	6.9	6.4	6.6	7.1	6.4	44.0	12.9		
3	7.3	7.5	6.6	7.0	7.1	7.1	27.2	11.0	16.9	16.5	15.8	15.6	23.2	15.8	15.0	18.1	30.5	8.4	7.9	6.8	6.8	7.0	7.4	7.0	6.6	30.5	12.5		
4	7.1	8.7	9.7	10.4	13.3	12.9	8.8	14.5	20.0	29.7	31.2	22.1	16.1	18.7	16.0	16.0	25.9	10.6	7.1	7.4	8.1	8.5	9.2	7.6	7.1	31.2	14.1		
5	7.5	8.1	8.0	7.9	7.1	7.4	11.8	19.4	25.3	26.2	21.7	16.5	21.7	43.4	12.5	8.8	7.8	7.5	10.2	8.0	7.7	6.8	9.3	8.7	6.8	43.4	13.3		
6	7.3	6.9	7.8	7.8	8.7	13.8	11.4	19.0	18.0	15.8	17.2	19.1	22.6	22.1	27.9	14.9	7.6	9.2	7.6	7.3	7.5	7.0	7.5	8.3	6.9	27.9	12.6		
7	7.7	7.3	7.1	8.2	7.8	7.0	7.5	8.6	11.4	10.7	12.1	11.3	8.9	7.9	8.6	10.0	9.9	9.6	8.5	9.4	9.0	9.1	8.5	8.2	7.0	12.1	8.9		
8	8.5	8.3	7.2	7.5	7.7	7.4	7.3	9.0	10.4	12.0	13.4	10.8	9.7	9.2	10.9	10.5	13.5	9.9	8.7	9.8	9.2	9.1	8.7	9.7	7.2	13.5	9.5		
9	8.5	10.9	11.1	9.7	14.1	11.7	12.1	10.2	12.1	11.0	17.2	11.9	11.1	12.2	9.5	7.6	7.5	6.7	6.9	6.3	7.0	6.8	7.8	8.8	6.3	17.2	10.0		
10	7.3	7.0	7.1	7.1	7.0	6.5	6.2	6.3	7.0	13.2	35.1	46.7	50.4	34.8	23.7	11.5	8.5	7.8	7.3	7.1	7.3	8.0	7.6	8.6	6.2	50.4	14.1		
11	8.0	6.8	7.7	7.9	7.5	8.3	8.3	7.4	26.0	26.7	37.1	34.5	23.7	24.0	24.3	39.7	14.9	8.7	7.8	8.7	9.0	7.5	8.2	8.3	6.8	39.7	15.5		
12	8.7	8.0	8.9	7.9	12.6	14.1	7.3	7.7	15.0	27.0	20.9	19.4	23.1	15.8	15.1	12.5	9.0	7.9	7.9	7.5	7.0	6.9	8.2	6.8	6.8	27.0	11.9		
13	7.4	7.0	6.6	6.8	7.0	6.7	6.8	6.7	8.6	35.4	58.7	19.9	21.6	20.8	22.2	52.9	7.8	8.0	7.4	7.8	6.5	6.3	6.3	6.7	6.3	58.7	14.7		
14	7.0	6.8	7.3	7.6	8.4	10.3	8.1	7.5	14.2	36.8	40.4	24.8	46.0	29.1	42.1	16.9	10.2	7.3	7.7	7.5	7.1	6.5	6.9	6.6	6.5	46.0	15.5		
15	7.2	7.2	7.5	7.2	6.8	6.7	6.8	17.3	20.9	23.3	32.6	27.1	45.4	22.2	18.7	27.1	36.1	10.6	7.7	6.9	7.4	6.5	6.0	5.8	5.8	45.4	15.5		
16	6.4	6.4	6.7	7.2	6.3	6.6	6.5	25.9	41.4	19.2	23.4	25.7	34.8	43.3	55.8	19.5	8.1	7.0	7.2	6.5	6.4	8.0	6.7	6.6	6.3	55.8	16.3		
17	6.3	6.8	12.6	39.8	11.2	13.4	17.6	18.8	17.9	43.6	37.4	22.7	19.9	34.3	37.0	16.0	8.5	7.1	7.3	6.6	6.2	6.9	8.2	7.2	6.2	43.6	17.2		
18	7.6	10.1	12.4	10.7	7.9	7.3	8.4	20.0	41.9	30.5	31.8	26.4	32.5	43.1	30.4	26.8	8.5	7.4	7.7	7.8	6.5	6.7	6.9	7.2	6.5	43.1	16.9		
19	7.1	8.1	7.7	6.7	7.3	6.9	7.0	6.8	6.6	6.8	7.4	10.6	13.2	9.3	8.9	8.3	8.3	8.4	9.8	7.4	6.8	6.8	6.9	6.7	6.6	13.2	7.9		
20	6.8	7.5	7.6	10.4	7.5	8.6	8.0	6.8	7.1	7.5	10.4	22.0	16.1	12.1	10.0	7.2	7.3	7.1	7.5	7.1	7.3	7.2	7.4	7.8	6.8	22.0	8.9		
21	7.2	7.3	7.1	7.5	6.9	7.3	7.4	8.5	8.7	12.3	12.8	12.7	10.9	11.8	11.1	9.7	8.3	7.7	7.6	7.3	6.6	6.3	6.0	6.7	6.0	12.8	8.6		
22	6.5	7.2	7.0	6.6	7.1	10.7	9.6	51.6	26.4	16.2	19.4	22.3	19.8	16.1	15.0	12.4	12.1	10.4	42.8	7.3	5.6	6.2	7.7	9.4	5.6	51.6	14.8		
23	11.9	20.0	13.3	10.3	7.8	8.3	7.7	16.8	40.6	19.2	17.8	15.9	16.5	15.2	14.9	12.7	13.2	12.1	31.7	7.5	6.6	6.2	7.1	14.7	6.2	40.6	14.5		
24	9.4	7.5	7.1	10.9	7.6	7.4	10.9	16.9	22.9	14.6	17.1	24.9	20.8	14.0	14.4	14.4	43.8	13.0	7.7	7.8	7.6	7.6	6.9	6.6	6.6	43.8	13.4		
25	6.7	7.3	7.7	6.7	6.3	6.5	6.9	16.0	13.8	26.9	37.8	22.0	25.1	20.1	18.5	42.2	38.9	9.3	10.1	10.7	8.5	7.0	7.7	8.2	6.3	42.2	15.5		
26	8.2	7.4	7.1	8.1	9.7	8.0	7.2	7.1	14.1	67.9	32.3	19.8	24.0	24.3	17.5	30.6	10.1	9.4	8.3	8.0	7.8	7.6	7.4	9.2	7.1	67.9	15.0		
27	10.6	7.2	7.0	6.8	7.2	6.8	19.7	17.8	24.5	39.0	26.0	18.9	18.7	16.5	18.0	33.8	8.7	7.2	7.6	7.3	6.4	6.6	6.3	6.5	6.3	39.0	14.0		
28	6.8	6.6	7.8	7.4	7.7	8.3	51.8	12.2	27.0	57.2	23.8	17.1	16.1	16.9	18.1	16.3	46.2	7.2	6.5	7.6	6.7	6.4	6.6	6.8	6.4	57.2	16.5		
29	6.8	6.6	6.6	6.1	6.3	7.0	7.0	8.3	7.8	18.2	46.6	40.1	37.1	32.8	15.1	11.3	10.0	7.3	8.0	6.6	6.7	6.3	6.1	6.2	6.1	46.6	13.4		
30	6.6	6.4	6.7	7.5	7.7	6.6	6.9	7.2	8.7	11.8	17.1	20.0	22.8	20.6	22.4	10.7	10.8	10.1	8.0	8.2	6.6	6.2	6.4	6.4	6.2	22.8	10.5		
Min	6.3	6.4	6.6	6.1	6.3	6.5	6.2	6.3	6.6	6.8	7.4	10.6	8.9	7.9	8.6	7.2	7.3	6.7	6.5	6.3	5.6	6.2	6.0	5.8	5.6				
Max	26.5	20.0	13.3	39.8	14.1	18.8	51.8	51.6	41.9	67.9	58.7	46.7	57.8	43.4	55.8	52.9	46.2	13.0	42.8	10.7	9.2	9.1	9.3	14.7		67.9			
Avg	8.3	8.1	8.1	9.4	8.4	8.9	11.5	13.9	18.8	24.7	25.7	21.6	24.2	21.7	19.6	18.3	16.2	8.7	9.9	7.7	7.2	7.1	7.3	7.7		13.4			

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 1.1

Variable: Running 3-Second Gust
Units: mph
Channel: 9

Site: White Water Wash (data subject to change)
Month: June
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 07-16-2004
Printout Time: 12:00:15
Output File Name: WWWB0604.9

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	23.0	25.0	32.7	26.1	22.9	22.7	29.8	8.2	13.4	11.0	9.8	13.4	17.7	23.0	27.8	32.1	37.3	39.4	46.0	45.2	40.2	39.8	38.1	37.2	8.2	46.0	27.6
2	34.9	32.1	32.5	30.1	23.5	21.2	25.7	25.9	20.8	11.7	19.2	17.9	18.6	20.6	16.7	17.6	20.6	30.9	33.5	32.8	34.6	31.0	27.6	28.1	11.7	34.9	25.3
3	27.5	27.3	25.9	24.8	20.8	20.2	16.4	9.1	10.1	12.2	13.5	14.7	20.9	18.3	19.6	16.7	30.8	34.0	32.9	31.6	31.4	37.0	36.5	31.0	9.1	37.0	23.5
4	31.4	25.8	19.1	17.2	17.7	19.7	18.2	15.2	6.9	7.5	12.4	14.6	16.9	17.9	16.1	14.0	26.3	30.5	35.2	39.7	36.8	41.3	37.6	38.6	6.9	41.3	23.5
5	34.8	31.8	27.8	25.4	25.9	22.1	22.8	17.4	15.8	11.5	11.4	12.9	14.6	13.2	28.4	33.8	36.6	41.2	46.8	46.3	43.9	38.2	36.5	41.8	11.4	46.8	28.4
6	37.8	41.2	33.9	31.9	31.3	25.4	25.6	24.5	8.8	13.3	14.9	15.7	12.3	13.4	13.7	32.0	37.5	43.3	42.4	43.8	43.5	42.8	44.2	41.9	8.8	44.2	29.8
7	43.0	45.6	43.5	42.6	39.8	40.9	38.2	30.3	25.9	31.4	31.7	34.7	40.8	45.2	45.3	49.6	48.3	45.9	52.5	57.4	60.9	53.6	53.0	50.0	25.9	60.9	43.7
8	50.8	49.8	46.7	44.0	40.5	37.8	37.6	34.0	33.5	36.8	38.2	36.5	38.7	42.1	40.8	39.5	39.2	46.5	49.0	49.9	46.5	48.0	51.5	52.6	33.5	52.6	42.9
9	50.7	51.5	45.9	43.5	47.3	49.5	50.3	48.1	57.8	52.8	48.7	50.6	54.1	57.5	56.6	49.8	48.0	44.7	43.8	45.7	45.7	45.2	42.9	49.8	42.9	57.8	49.2
10	44.3	42.8	42.9	40.3	39.8	34.0	32.1	30.8	30.1	24.0	19.1	11.3	12.9	20.5	25.2	32.8	32.9	34.4	34.7	39.3	39.2	40.6	37.3	35.8	11.3	44.3	32.4
11	31.0	32.4	32.0	26.3	20.0	22.6	29.2	22.9	19.3	11.9	9.9	14.1	17.8	15.7	15.1	24.2	30.8	36.8	44.0	38.4	41.7	40.7	40.2	44.9	9.9	44.9	27.6
12	42.2	41.7	39.8	36.5	34.2	26.8	29.8	27.2	19.7	22.9	26.7	22.0	26.3	30.3	29.2	35.2	36.8	36.8	40.0	40.8	35.7	36.4	32.1	29.4	19.7	42.2	32.4
13	33.0	35.2	32.2	26.2	23.7	26.4	26.7	27.1	20.0	13.9	11.5	15.7	16.1	14.5	14.5	27.8	34.0	34.6	37.5	37.3	32.6	30.4	32.2	35.2	11.5	37.5	26.6
14	34.8	32.5	31.9	28.2	25.5	28.1	28.9	22.3	20.5	11.8	10.3	12.6	13.4	16.4	15.8	24.4	30.0	31.7	31.9	35.8	35.4	30.3	32.3	32.0	10.3	35.8	25.7
15	30.5	26.8	26.9	25.1	25.4	25.1	27.0	19.4	10.1	11.5	11.3	11.6	14.4	13.7	15.1	15.1	26.2	30.1	27.1	27.2	25.7	25.4	27.0	25.6	10.1	30.5	21.8
16	25.3	22.9	26.4	28.0	26.8	26.2	25.3	18.3	12.5	12.9	14.4	13.9	11.9	10.8	11.5	25.9	37.3	36.0	35.8	31.0	29.8	26.5	31.3	30.8	10.8	37.3	23.8
17	31.5	25.9	19.3	9.9	12.6	15.3	14.3	8.6	9.8	9.1	10.3	13.4	16.9	17.0	18.7	25.8	33.1	32.9	34.0	34.6	32.5	35.1	34.4	33.3	8.6	35.1	22.0
18	27.8	29.7	18.5	18.4	21.8	20.0	14.3	10.3	7.6	14.0	12.1	12.6	15.1	11.8	14.0	31.3	34.8	34.1	36.8	40.0	38.4	38.8	34.6	34.3	7.6	40.0	23.8
19	35.6	31.2	29.7	30.8	30.0	30.4	27.9	27.5	30.8	33.0	30.8	27.7	27.0	35.4	39.6	43.4	40.3	42.7	42.2	43.3	44.1	45.7	43.1	40.5	27.0	45.7	35.5
20	40.5	38.8	37.6	31.2	37.8	32.7	32.3	33.0	30.0	28.8	23.5	20.0	24.5	29.1	33.8	36.9	42.5	41.7	41.9	44.6	45.4	43.8	43.0	37.6	20.0	45.4	35.5
21	37.8	37.0	39.0	37.1	36.2	32.7	33.1	28.8	27.8	22.6	23.5	28.3	27.7	29.9	31.9	31.1	31.8	35.7	33.8	34.8	32.7	31.8	28.8	28.9	22.6	39.0	31.8
22	28.9	28.4	23.6	24.6	23.7	21.3	12.8	6.9	11.5	16.1	15.1	14.8	16.1	16.7	19.2	19.3	17.0	16.1	17.5	23.8	24.5	25.6	21.6	15.6	6.9	28.9	19.2
23	13.7	13.3	12.4	11.3	8.6	10.2	8.7	8.5	7.2	13.3	15.7	18.0	18.0	17.6	17.8	17.5	14.6	12.9	25.3	30.8	32.3	28.6	25.4	20.7	7.2	32.3	16.8
24	14.2	11.8	11.9	12.9	23.5	22.7	23.2	14.6	12.4	14.5	11.5	13.6	20.5	17.2	17.3	15.7	23.0	29.5	34.4	33.2	33.9	34.0	35.6	34.6	11.5	35.6	21.5
25	33.2	30.7	24.6	25.1	24.5	22.5	22.6	20.9	9.9	11.3	11.5	11.0	14.2	15.4	20.7	15.3	35.0	42.1	38.7	40.0	39.5	35.6	35.1	31.3	9.9	42.1	25.4
26	32.5	32.3	26.2	23.5	24.0	25.4	24.8	24.8	19.0	8.3	13.7	16.4	16.6	16.6	16.1	31.8	36.2	40.6	41.3	41.1	37.3	37.1	35.0	31.1	8.3	41.3	27.2
27	30.5	28.4	25.6	28.3	32.0	27.5	23.6	13.7	7.6	9.2	12.6	15.7	14.8	18.5	17.0	36.7	36.6	41.9	42.8	40.7	42.5	42.7	44.6	45.6	7.6	45.6	28.3
28	46.5	41.1	36.1	33.5	30.9	29.4	23.8	18.6	15.4	10.7	13.9	20.1	19.7	19.6	17.8	17.8	37.8	40.2	42.0	38.8	37.9	41.5	43.8	40.8	10.7	46.5	29.9
29	37.5	37.9	36.5	35.1	36.0	34.8	33.4	21.8	21.8	19.8	13.4	16.1	14.3	19.1	28.3	29.8	34.8	42.2	40.7	42.9	43.8	44.8	41.7	40.4	13.4	44.8	32.0
30	38.4	38.4	37.8	34.2	30.5	35.1	33.7	32.7	25.4	23.0	19.3	20.0	22.6	24.8	27.0	36.5	36.3	40.4	39.1	38.9	38.4	40.8	41.4	44.6	19.3	44.6	33.3
Min	13.7	11.8	11.9	9.9	8.6	10.2	8.7	6.9	6.9	7.5	9.8	11.0	11.9	10.8	11.5	14.0	14.6	12.9	17.5	23.8	24.5	25.4	21.6	15.6	6.9		
Max	50.8	51.5	46.7	44.0	47.3	49.5	50.3	48.1	57.8	52.8	48.7	50.6	54.1	57.5	56.6	49.8	48.3	46.5	52.5	57.4	60.9	53.6	53.0	52.6	60.9		
Avg	34.1	33.0	30.6	28.4	27.9	27.0	26.4	21.7	18.7	17.7	17.7	18.7	20.5	22.1	23.7	28.6	33.5	36.3	38.1	39.0	38.2	37.8	37.0	36.1			28.9

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 1.1

Variable: Battery Voltage
Units: volts
Channel: 11

Site: White Water Wash (data subject to change)
Month: June
Year: 2004
Time Zone: PST

Validation Level: B
Printout Date: 07-16-2004
Printout Time: 12:00:16
Output File Name: WWWB0604.11

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	13.9	13.0	13.1	13.1	13.0	13.1	13.0	13.1	12.9	13.1	12.9	13.0	13.0	13.3	12.9	12.9	13.4	13.0	13.1	13.2	13.2	13.1	13.0	13.1	12.9	13.9	13.1
2	13.2	13.2	13.1	13.0	13.1	13.0	13.1	13.0	13.0	13.1	13.1	13.0	13.0	13.0	12.9	13.3	13.0	13.3	13.0	13.3	13.0	13.0	13.2	13.0	12.9	13.3	13.1
3	13.1	13.0	13.0	13.1	13.0	13.0	13.1	13.0	13.2	13.1	13.2	13.0	12.9	13.1	13.2	12.9	13.1	13.0	13.1	13.3	12.9	13.0	13.9	13.1	12.9	13.9	13.1
4	13.2	12.9	13.0	13.7	13.2	13.0	13.1	12.9	13.1	13.0	12.9	13.0	12.9	13.1	13.0	12.9	13.2	13.0	13.3	13.0	13.1	13.2	13.4	13.2	12.9	13.7	13.1
5	13.0	12.9	13.1	13.9	13.0	13.0	13.0	13.1	13.2	13.2	13.1	12.9	12.9	13.1	12.9	13.1	13.0	13.1	13.0	13.0	13.0	13.1	13.0	13.9	12.9	13.9	13.1
6	13.1	13.3	13.0	13.0	13.0	12.9	13.2	13.1	13.1	12.9	13.0	13.8	13.1	13.1	13.4	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	12.9	13.8	13.1
7	13.9	13.1	13.1	13.1	13.2	13.0	13.1	13.1	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.8	12.9	13.1	13.0	13.1	13.1	12.9	13.9	13.1
8	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.0	13.0	12.9	13.0	12.9	13.0	13.1	13.1	13.0	13.1	13.0	13.1	13.0	13.1	13.0	13.0	13.0	12.9	13.5	13.0
9	13.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.8	13.0	13.0	13.9	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.9	13.1
10	13.0	13.0	13.1	13.0	13.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	12.9	13.0	13.1	13.0	12.9	13.0	13.0	12.9	13.9	13.0
11	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.1	13.9	13.1	13.0	13.0	13.0	13.0	13.9	13.1
12	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.1	13.0
13	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.9	13.0	13.0	13.8	12.9	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.0	13.0	12.9	13.9	13.1
14	13.0	13.0	13.1	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.9	12.9	13.1	13.0	13.1	13.2	13.0	13.1	13.0	13.1	13.1	13.0	13.0	12.9	12.9	13.9	13.0
15	13.0	12.9	13.0	13.0	13.1	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	12.9	13.1	13.0
16	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.9	13.0	13.0	13.0	13.0	12.9	13.0	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.1	12.9	13.9	13.0
17	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.1	13.1	12.9	13.0	13.0	13.1	12.9	13.1	13.0
18	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.6	12.9	13.0	13.0	12.9	13.2	13.0	13.0	13.0	13.0	13.0	12.9	13.6	13.0
19	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.3	13.3	13.0	13.1	12.9	13.3	13.0
20	13.0	13.0	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.3	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.1	13.0	12.9	13.3	13.0
21	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	12.9	13.0	12.9	13.8	12.9	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.8	13.0
22	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	13.0	12.9	13.1	13.0	13.0	13.0	12.9	12.9	13.1	13.0
23	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.8	13.1	12.9	12.9	12.9	13.7	12.9	13.5	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.8	13.1
24	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	12.9	12.9	13.2	12.9	13.4	12.9	13.4	13.0	13.0	13.5	13.0	13.1	13.0	13.0	13.0	13.0	12.9	13.5	13.1
25	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	12.9	13.0	13.0	13.2	12.9	12.9	12.9	13.0	12.9	12.9	13.0	12.9	13.0	13.0	13.0	13.0	12.9	13.2	13.0
26	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0
27	13.0	13.3	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.9	13.0	12.9	12.9	13.0	12.9	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	12.9	13.3	13.0
28	13.3	13.0	13.0	13.0	13.0	12.9	13.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.9	13.0
29	13.1	13.0	13.1	13.0	13.0	13.0	13.1	13.0	12.9	12.9	13.0	13.0	13.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	12.9	13.1	13.0
30	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9	13.5	12.9	13.0	13.0	13.0	12.9	13.0	12.9	13.0	13.0	13.0	13.0	12.9	13.0	12.9	13.5	13.0
Min	13.0	12.9	12.9	12.9	12.9	12.9	13.0	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		
Max	13.9	13.3	13.1	13.9	13.9	13.1	13.9	13.9	13.2	13.9	13.9	13.8	13.9	13.6	13.4	13.7	13.4	13.5	13.8	13.9	13.3	13.3	13.9	13.9		13.9	
Avg	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1	13.0	13.1	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.0	13.0	13.0	13.0			13.0

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

Missing Data Codes

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

Processed using: TABLE.EXE version 1.1