

# White Water Wash Meteorological Data

January 2008

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: January  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 06-05-2008  
Printout Time: 09:51:11  
Output File Name: WWWB0108.9

| Day | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Min | Max  | Avg  |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|
| 1   | 7.3  | 8.2  | 8.5  | 7.9  | 9.3  | 8.0  | 5.8  | 3.4  | 3.7  | 3.1  | 3.4  | 1.8  | 2.6  | 2.6  | 1.7  | 1.2  | 5.4  | 5.5  | 5.9  | 6.6  | 5.9  | 5.9  | 6.6  | 5.6  | 1.2 | 9.3  | 5.2  |
| 2   | 7.3  | 7.1  | 6.4  | 7.6  | 6.6  | 6.3  | 6.5  | 7.6  | 2.9  | 0.9  | 2.2  | 2.1  | 3.4  | 3.6  | 4.0  | 4.9  | 3.5  | 3.2  | 5.8  | 6.3  | 7.8  | 8.6  | 9.9  | 8.8  | 0.9 | 9.9  | 5.6  |
| 3   | 8.0  | 8.3  | 7.1  | 8.7  | 7.5  | 7.8  | 8.0  | 7.3  | 8.2  | 3.1  | 2.4  | 1.9  | 4.4  | 5.1  | 5.3  | 5.3  | 4.0  | 4.0  | 3.6  | 6.1  | 7.3  | 8.3  | 8.1  | 8.1  | 1.9 | 8.7  | 6.2  |
| 4   | 4.6  | 6.5  | 6.5  | 3.7  | 3.0  | 2.8  | 2.1  | 2.7  | 1.7  | 2.3  | 4.9  | 7.0  | 7.2  | 4.6  | 6.5  | 6.8  | 4.6  | 5.7  | 5.7  | 4.1  | 1.6  | 2.3  | 4.8  | 7.7  | 1.6 | 7.7  | 4.6  |
| 5   | 4.3  | 5.1  | 10.1 | 4.8  | 3.8  | 2.2  | 3.1  | 4.0  | 4.8  | 4.4  | 6.0  | 5.6  | 2.6  | 2.6  | 3.1  | 7.1  | 13.6 | 14.4 | 18.4 | 15.5 | 14.7 | 8.8  | 4.7  | 4.8  | 2.2 | 18.4 | 7.0  |
| 6   | 4.6  | 5.1  | 5.8  | 10.4 | 10.1 | 13.1 | 14.4 | 4.9  | 9.0  | 6.0  | 5.6  | 6.6  | 11.9 | 25.9 | 12.7 | 9.4  | 16.1 | 15.2 | 17.3 | 16.2 | 20.8 | 19.8 | 11.4 | 7.3  | 4.6 | 25.9 | 11.7 |
| 7   | 4.9  | 3.7  | 4.1  | 2.6  | 3.9  | 3.9  | 4.6  | 2.9  | 3.9  | 2.5  | 2.0  | 3.9  | 5.1  | 4.6  | 4.7  | 4.6  | 6.1  | 4.0  | 3.7  | 2.0  | 3.2  | 5.9  | 4.8  | 5.4  | 2.0 | 6.1  | 4.0  |
| 8   | 7.3  | 6.9  | 6.0  | 5.4  | 4.0  | 5.5  | 8.1  | 6.9  | 5.1  | 2.9  | 1.0  | 3.9  | 5.4  | 4.9  | 4.1  | 4.1  | 4.5  | 3.4  | 1.7  | 1.3  | 2.5  | 4.4  | 5.2  | 8.3  | 1.0 | 8.3  | 4.7  |
| 9   | 12.9 | 17.5 | 17.8 | 21.2 | 23.5 | 20.6 | 15.7 | 14.3 | 12.9 | 6.2  | 2.1  | 1.5  | 3.8  | 2.6  | 6.6  | 5.1  | 7.6  | 9.9  | 9.4  | 8.8  | 6.3  | 7.1  | 6.3  | 6.1  | 1.5 | 23.5 | 10.2 |
| 10  | 6.4  | 7.2  | 5.9  | 6.0  | 7.6  | 7.0  | 5.4  | 8.8  | 4.9  | 2.2  | 1.1  | 2.4  | 2.7  | 6.5  | 6.7  | 4.5  | 3.5  | 3.2  | 3.3  | 4.7  | 7.3  | 6.8  | 8.0  | 6.9  | 1.1 | 8.8  | 5.4  |
| 11  | 6.8  | 6.2  | 8.7  | 9.1  | 6.8  | 7.5  | 7.7  | 7.1  | 6.2  | 1.3  | 1.6  | 2.7  | 4.9  | 5.8  | 4.6  | 3.9  | 3.3  | 3.4  | 5.6  | 6.6  | 6.9  | 8.5  | 7.0  | 8.4  | 1.3 | 9.1  | 5.9  |
| 12  | 8.3  | 8.0  | 7.1  | 7.1  | 6.1  | 5.4  | 6.4  | 7.5  | 6.4  | 4.1  | 2.1  | 3.3  | 3.7  | 5.4  | 5.6  | 4.9  | 4.3  | 3.7  | 4.6  | 6.4  | 7.4  | 8.9  | 8.4  | 7.6  | 2.1 | 8.9  | 6.0  |
| 13  | 4.5  | 4.9  | 4.3  | 4.0  | 6.1  | 6.7  | 4.0  | 4.4  | 5.0  | 6.6  | 4.0  | 12.9 | 16.2 | 7.7  | 9.9  | 8.0  | 10.4 | 9.5  | 7.6  | 9.6  | 11.9 | 10.8 | 5.5  | 5.7  | 4.0 | 16.2 | 7.5  |
| 14  | 4.9  | 6.8  | 6.9  | 12.2 | 16.3 | 10.9 | 9.2  | 5.6  | 14.2 | 9.4  | 10.1 | 9.0  | 9.0  | 6.1  | 3.0  | 4.0  | 4.8  | 3.9  | 6.8  | 6.9  | 6.8  | 9.2  | 6.2  | 7.9  | 3.0 | 16.3 | 7.9  |
| 15  | 7.3  | 7.6  | 7.6  | 8.1  | 7.1  | 8.6  | 7.8  | 8.0  | 4.8  | 4.5  | 1.5  | 2.7  | 4.9  | 4.8  | 4.5  | 5.9  | 3.9  | 2.4  | 2.7  | 5.8  | 7.8  | 7.1  | 7.9  | 5.1  | 1.5 | 8.6  | 5.8  |
| 16  | 7.2  | 7.2  | 5.8  | 6.0  | 9.9  | 9.2  | 7.8  | 6.2  | 7.4  | 7.4  | 12.8 | 12.1 | 12.0 | 13.2 | 12.2 | 13.6 | 12.4 | 17.9 | 13.9 | 20.0 | 10.2 | 10.9 | 9.6  | 10.1 | 5.8 | 20.0 | 10.6 |
| 17  | 9.9  | 8.2  | 4.4  | 6.2  | 8.8  | 8.1  | 8.3  | 6.4  | 4.2  | 8.4  | 9.5  | 9.8  | 16.2 | 12.7 | 15.5 | 10.8 | 8.4  | 8.1  | 3.9  | 4.7  | 4.6  | 4.0  | 4.2  | 4.2  | 3.9 | 16.2 | 7.9  |
| 18  | 6.5  | 4.8  | 4.4  | 3.8  | 5.0  | 6.0  | 3.7  | 5.0  | 3.1  | 5.9  | 5.6  | 6.6  | 9.6  | 9.8  | 10.3 | 11.2 | 8.3  | 6.8  | 5.9  | 4.1  | 5.6  | 2.7  | 5.5  | 4.2  | 2.7 | 11.2 | 6.0  |
| 19  | 5.7  | 5.9  | 7.2  | 5.7  | 6.4  | 6.0  | 6.1  | 8.4  | 3.2  | 1.3  | 1.3  | 3.9  | 6.3  | 6.4  | 6.6  | 6.5  | 5.9  | 3.0  | 2.1  | 7.3  | 8.5  | 8.2  | 8.6  | 8.2  | 1.3 | 8.6  | 5.8  |
| 20  | 8.3  | 9.5  | 8.6  | 7.4  | 7.4  | 5.8  | 7.3  | 7.4  | 3.9  | 1.4  | 4.0  | 6.7  | 8.7  | 10.2 | 9.6  | 10.6 | 8.2  | 6.6  | 5.8  | 3.3  | 2.6  | 4.4  | 5.2  | 9.7  | 1.4 | 10.6 | 6.8  |
| 21  | 7.7  | 6.3  | 6.5  | 6.9  | 5.6  | 6.6  | 5.6  | 6.3  | 7.6  | 10.8 | 20.7 | 19.4 | 17.2 | 15.0 | 12.6 | 17.2 | 18.8 | 14.5 | 8.1  | 13.0 | 12.1 | 6.6  | 1.9  | 3.1  | 1.9 | 20.7 | 10.4 |
| 22  | 1.9  | 6.8  | 1.5  | 4.5  | 3.7  | 5.3  | 4.1  | 4.7  | 1.2  | 2.2  | 2.7  | 1.9  | 3.2  | 4.6  | 4.0  | 3.7  | 3.2  | 1.3  | 4.1  | 6.1  | 6.4  | 6.5  | 5.2  | 6.5  | 1.2 | 6.8  | 4.0  |
| 23  | 8.8  | 8.2  | 7.4  | 7.1  | 6.5  | 6.3  | 7.4  | 7.0  | 4.6  | 3.8  | 2.3  | 7.1  | 9.2  | 9.7  | 6.8  | 4.5  | 3.5  | 3.1  | 2.0  | 9.2  | 8.9  | 5.7  | 6.9  | 8.6  | 2.0 | 9.7  | 6.4  |
| 24  | 7.1  | 11.8 | 7.2  | 2.9  | 3.3  | 4.0  | 2.3  | 3.5  | 1.6  | 5.5  | 11.6 | 8.5  | 7.9  | 12.9 | 15.1 | 8.9  | 9.7  | 12.5 | 6.4  | 8.3  | 4.0  | 2.8  | 3.0  | 5.6  | 1.6 | 15.1 | 6.9  |
| 25  | 5.8  | 3.8  | 1.1  | 3.3  | 5.1  | 5.8  | 5.8  | 3.6  | 2.1  | 2.0  | 3.6  | 2.1  | 2.1  | 2.7  | 4.2  | 4.6  | 2.7  | 4.3  | 5.0  | 6.6  | 7.8  | 6.2  | 8.4  | 8.1  | 1.1 | 8.4  | 4.5  |
| 26  | 6.8  | 7.2  | 6.8  | 6.3  | 6.9  | 6.2  | 6.8  | 6.4  | 5.9  | 3.9  | 2.1  | 4.2  | 7.5  | 7.8  | 8.5  | 7.2  | 5.3  | 4.4  | 4.6  | 1.9  | 3.4  | 4.1  | 6.6  | 4.1  | 1.9 | 8.5  | 5.6  |
| 27  | 1.3  | 3.1  | 4.4  | 3.7  | 1.7  | 3.1  | 4.5  | 2.3  | 3.1  | 4.5  | 3.6  | 6.1  | 5.7  | 10.1 | 10.2 | 9.8  | 8.5  | 5.8  | 6.6  | 5.8  | 7.5  | 5.9  | 3.5  | 4.3  | 1.3 | 10.2 | 5.2  |
| 28  | 15.8 | 5.6  | 4.6  | 6.6  | 4.5  | 6.1  | 5.3  | 4.6  | 5.7  | 6.0  | 25.8 | 29.2 | 35.0 | 40.5 | 31.9 | 14.9 | 12.4 | 17.2 | 23.0 | 21.4 | 21.9 | 21.0 | 21.3 | 18.3 | 4.5 | 40.5 | 16.6 |
| 29  | 16.2 | 13.8 | 13.8 | 8.5  | 11.4 | 11.8 | 8.2  | 7.6  | 8.6  | 4.3  | 6.5  | 6.6  | 8.0  | 5.8  | 7.6  | 5.4  | 6.0  | 6.6  | 3.7  | 5.8  | 4.2  | 3.9  | 3.3  | 4.4  | 3.3 | 16.2 | 7.6  |
| 30  | 4.4  | 3.6  | 2.9  | 3.3  | 4.8  | 5.0  | 4.9  | 7.9  | 8.6  | 7.4  | 12.4 | 5.1  | 17.3 | 20.6 | 16.9 | 13.8 | 9.5  | 9.8  | 7.9  | 7.7  | 8.3  | 10.9 | 8.9  | 6.4  | 2.9 | 20.6 | 8.7  |
| 31  | 6.9  | 4.6  | 7.1  | 4.2  | 5.1  | 6.3  | 4.6  | 3.3  | 2.8  | 3.0  | 6.0  | 6.6  | 6.4  | 6.2  | 6.2  | 6.3  | 6.2  | 4.9  | 5.4  | 4.0  | 6.4  | 7.6  | 7.0  | 8.6  | 2.8 | 8.6  | 5.6  |
| Min | 1.3  | 3.1  | 1.1  | 2.6  | 1.7  | 2.2  | 2.1  | 2.3  | 1.2  | 0.9  | 1.0  | 1.5  | 2.1  | 2.6  | 1.7  | 1.2  | 2.7  | 1.3  | 1.7  | 1.3  | 1.6  | 2.3  | 1.9  | 3.1  | 0.9 |      |      |
| Max | 16.2 | 17.5 | 17.8 | 21.2 | 23.5 | 20.6 | 15.7 | 14.3 | 14.2 | 10.8 | 25.8 | 29.2 | 35.0 | 40.5 | 31.9 | 17.2 | 18.8 | 17.9 | 23.0 | 21.4 | 21.9 | 21.0 | 21.3 | 18.3 |     | 40.5 |      |
| Avg | 7.1  | 7.1  | 6.7  | 6.6  | 7.0  | 7.0  | 6.5  | 6.0  | 5.4  | 4.4  | 5.8  | 6.6  | 8.4  | 9.1  | 8.4  | 7.4  | 7.2  | 7.0  | 6.8  | 7.6  | 7.8  | 7.5  | 6.9  | 7.0  |     |      | 7.0  |

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: Unit Vector Wind Direction  
 Units: degrees  
 Channel: 10

Site: White Water Wash (data subject to change)  
 Month: January  
 Year: 2008  
 Time Zone: PST

Validation Level: B  
 Printout Date: 06-05-2008  
 Printout Time: 09:51:13  
 Output File Name: WWWB0108.10

| Day | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | Prev  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1   | 288 | 282 | 293 | 290 | 294 | 297 | 308 | 299 | 307 | 332 | 293 | 248 | 193 | 179 | 182 | 81  | 351 | 328 | 308 | 299 | 334 | 315 | 333 | 325 | [WNW] |
| 2   | 350 | 335 | 324 | 320 | 349 | 324 | 319 | 329 | 332 | 175 | 157 | 117 | 156 | 129 | 116 | 122 | 151 | 12  | 337 | 325 | 337 | 327 | 326 | 333 | [NNW] |
| 3   | 323 | 348 | 338 | 340 | 332 | 329 | 336 | 333 | 335 | 327 | 310 | 135 | 128 | 128 | 127 | 143 | 146 | 326 | 335 | 309 | 346 | 327 | 344 | 340 | [NNW] |
| 4   | 340 | 333 | 1   | 345 | 152 | 78  | 296 | 5   | 290 | 160 | 163 | 134 | 144 | 163 | 124 | 130 | 136 | 165 | 167 | 169 | 228 | 325 | 128 | 188 | [SSE] |
| 5   | 153 | 241 | 318 | 306 | 180 | 347 | 242 | 189 | 187 | 201 | 172 | 185 | 191 | 163 | 115 | 273 | 272 | 274 | 280 | 284 | 288 | 284 | 280 | 198 | [ S ] |
| 6   | 19  | 242 | 99  | 270 | 264 | 282 | 288 | 158 | 299 | 346 | 98  | 111 | 312 | 290 | 336 | 11  | 313 | 301 | 299 | 302 | 294 | 299 | 333 | 20  | [WNW] |
| 7   | 23  | 341 | 314 | 202 | 17  | 322 | 313 | 290 | 313 | 352 | 200 | 153 | 154 | 142 | 142 | 120 | 118 | 128 | 153 | 89  | 338 | 8   | 350 | 321 | [NW ] |
| 8   | 333 | 359 | 319 | 333 | 310 | 342 | 345 | 321 | 307 | 317 | 157 | 135 | 112 | 129 | 107 | 113 | 116 | 103 | 121 | 340 | 351 | 344 | 346 | 326 | [NNW] |
| 9   | 296 | 296 | 295 | 290 | 286 | 283 | 281 | 283 | 279 | 206 | 225 | 209 | 191 | 251 | 300 | 250 | 301 | 298 | 296 | 301 | 322 | 343 | 330 | 308 | [WNW] |
| 10  | 335 | 330 | 329 | 328 | 333 | 337 | 318 | 338 | 337 | 340 | 240 | 160 | 120 | 139 | 117 | 139 | 135 | 131 | 331 | 331 | 346 | 337 | 336 | 330 | [NNW] |
| 11  | 332 | 329 | 354 | 340 | 325 | 351 | 330 | 323 | 315 | 259 | 142 | 132 | 133 | 116 | 127 | 142 | 123 | 359 | 333 | 325 | 340 | 326 | 329 | 326 | [NNW] |
| 12  | 341 | 331 | 325 | 329 | 331 | 338 | 335 | 316 | 314 | 305 | 275 | 153 | 132 | 120 | 136 | 123 | 126 | 128 | 340 | 341 | 336 | 340 | 342 | 344 | [NNW] |
| 13  | 324 | 331 | 357 | 248 | 344 | 203 | 252 | 155 | 178 | 177 | 174 | 3   | 10  | 70  | 37  | 43  | 16  | 26  | 23  | 29  | 11  | 359 | 152 | 46  | [NNE] |
| 14  | 133 | 9   | 345 | 347 | 337 | 4   | 4   | 286 | 346 | 346 | 10  | 27  | 51  | 172 | 73  | 299 | 242 | 330 | 326 | 329 | 321 | 348 | 316 | 336 | [NNW] |
| 15  | 314 | 338 | 326 | 327 | 328 | 336 | 334 | 331 | 325 | 320 | 302 | 162 | 156 | 116 | 128 | 149 | 128 | 335 | 330 | 334 | 332 | 354 | 316 | 316 | [NNW] |
| 16  | 342 | 335 | 302 | 283 | 312 | 334 | 345 | 3   | 316 | 344 | 12  | 5   | 358 | 8   | 8   | 8   | 3   | 355 | 348 | 342 | 315 | 329 | 300 | 304 | [NNW] |
| 17  | 269 | 303 | 337 | 38  | 348 | 31  | 61  | 17  | 322 | 1   | 38  | 45  | 55  | 85  | 57  | 106 | 114 | 37  | 6   | 100 | 158 | 36  | 45  | 22  | [NE ] |
| 18  | 167 | 158 | 143 | 359 | 201 | 160 | 306 | 350 | 236 | 170 | 220 | 331 | 27  | 18  | 6   | 16  | 31  | 25  | 357 | 293 | 319 | 342 | 2   | 359 | [ N ] |
| 19  | 328 | 337 | 304 | 335 | 309 | 315 | 330 | 353 | 306 | 288 | 120 | 133 | 111 | 123 | 130 | 123 | 116 | 134 | 229 | 342 | 349 | 340 | 340 | 327 | [NNW] |
| 20  | 325 | 343 | 338 | 331 | 340 | 337 | 327 | 328 | 323 | 273 | 134 | 136 | 131 | 123 | 127 | 128 | 120 | 131 | 168 | 183 | 294 | 11  | 347 | 286 | [NNW] |
| 21  | 358 | 3   | 134 | 38  | 197 | 88  | 232 | 245 | 308 | 282 | 301 | 302 | 311 | 311 | 315 | 310 | 303 | 302 | 328 | 286 | 287 | 272 | 319 | 285 | [WNW] |
| 22  | 330 | 290 | 89  | 21  | 338 | 318 | 355 | 358 | 203 | 199 | 192 | 292 | 166 | 180 | 216 | 205 | 218 | 198 | 356 | 345 | 326 | 354 | 331 | 333 | [NNW] |
| 23  | 344 | 332 | 328 | 336 | 326 | 322 | 318 | 333 | 331 | 337 | 280 | 134 | 133 | 130 | 129 | 159 | 22  | 62  | 112 | 308 | 326 | 354 | 359 | 341 | [NNW] |
| 24  | 359 | 307 | 74  | 338 | 260 | 240 | 294 | 272 | 90  | 294 | 302 | 311 | 311 | 306 | 302 | 316 | 297 | 303 | 296 | 350 | 357 | 309 | 315 | 333 | [NW ] |
| 25  | 350 | 45  | 281 | 320 | 358 | 322 | 0   | 324 | 341 | 256 | 201 | 201 | 297 | 121 | 200 | 194 | 246 | 323 | 350 | 326 | 310 | 320 | 333 | 335 | [NW ] |
| 26  | 329 | 343 | 334 | 334 | 329 | 323 | 336 | 336 | 322 | 337 | 306 | 196 | 149 | 126 | 133 | 134 | 119 | 102 | 119 | 322 | 271 | 328 | 28  | 302 | [NNW] |
| 27  | 285 | 138 | 127 | 98  | 48  | 359 | 136 | 111 | 73  | 126 | 113 | 88  | 105 | 106 | 114 | 102 | 102 | 95  | 66  | 3   | 10  | 347 | 225 | 344 | [ESE] |
| 28  | 4   | 193 | 28  | 82  | 73  | 37  | 42  | 40  | 133 | 18  | 282 | 290 | 295 | 294 | 304 | 324 | 355 | 317 | 285 | 278 | 290 | 303 | 303 | 307 | [WNW] |
| 29  | 302 | 312 | 309 | 311 | 309 | 316 | 358 | 357 | 352 | 231 | 246 | 296 | 301 | 330 | 299 | 256 | 308 | 265 | 268 | 143 | 150 | 174 | 28  | 333 | [NW ] |
| 30  | 228 | 163 | 277 | 252 | 187 | 68  | 207 | 258 | 263 | 256 | 293 | 250 | 294 | 295 | 301 | 310 | 320 | 4   | 8   | 2   | 299 | 319 | 303 | 297 | [WNW] |
| 31  | 327 | 312 | 335 | 316 | 308 | 303 | 330 | 311 | 327 | 19  | 120 | 104 | 107 | 115 | 117 | 113 | 116 | 112 | 103 | 310 | 337 | 341 | 345 | 326 | [ESE] |

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NW ] [NNW] [NNW] [NW ] [NNW] [WNW] [SE ] [SE ] [ESE] [SE ] [ESE] [ESE] [SE ] [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

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Units: degrees  
Channel: 10

Site: White Water Wash (data subject to change)  
Month: January  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 06-05-2008  
Printout Time: 09:51:13  
Output File Name: WWWB0108.10t

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

Prev [NNW] [NNW] [NNW] [NNW] [NNW] [NW] [NNW] [NNW] [NW] [NNW] [WNW] [SE] [SE] [ESE] [SE] [ESE] [ESE] [SE] [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: January  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 06-05-2008  
Printout Time: 09:51:14  
Output File Name: WWWB0108.11

| 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   | 12.1 | 7.1  | 14.5 | 12.3 | 8.7  | 9.0  | 20.7 | 22.6 | 22.9 | 17.6 | 23.2 | 62.3 | 31.6 | 33.0 | 25.6 | 14.4 | 11.8 | 14.2 | 8.1  | 6.7  | 8.8  | 5.7  | 14.6 | 7.0  | 5.7  | 62.3 | 17.3 |
| 2   | 11.4 | 7.1  | 6.6  | 6.1  | 9.4  | 12.3 | 6.4  | 5.3  | 23.6 | 12.4 | 25.8 | 37.7 | 31.6 | 21.3 | 22.3 | 10.2 | 7.2  | 15.2 | 5.6  | 5.3  | 3.0  | 4.8  | 3.9  | 9.2  | 3.0  | 37.7 | 12.7 |
| 3   | 9.1  | 9.8  | 9.2  | 6.7  | 7.8  | 4.5  | 5.6  | 9.4  | 5.8  | 7.9  | 22.6 | 54.3 | 18.5 | 11.1 | 10.2 | 8.1  | 7.8  | 42.4 | 12.8 | 9.5  | 14.5 | 5.9  | 11.6 | 18.0 | 4.5  | 54.3 | 13.5 |
| 4   | 8.9  | 24.5 | 13.7 | 33.7 | 49.5 | 43.9 | 41.1 | 41.0 | 49.5 | 56.1 | 15.9 | 10.6 | 8.3  | 9.0  | 11.2 | 11.1 | 13.5 | 14.1 | 15.5 | 18.2 | 49.7 | 49.3 | 50.0 | 19.7 | 8.3  | 56.1 | 27.4 |
| 5   | 34.3 | 36.0 | 14.0 | 46.5 | 47.2 | 58.7 | 47.2 | 53.5 | 14.0 | 29.3 | 15.8 | 13.3 | 19.0 | 43.3 | 45.1 | 46.3 | 19.0 | 17.0 | 15.6 | 24.3 | 25.6 | 40.4 | 48.4 | 47.8 | 13.3 | 58.7 | 33.4 |
| 6   | 70.1 | 62.0 | 57.8 | 33.8 | 51.8 | 37.3 | 16.5 | 36.8 | 23.9 | 52.2 | 48.2 | 28.0 | 40.2 | 9.2  | 39.4 | 22.0 | 12.6 | 12.6 | 10.1 | 12.7 | 8.5  | 7.8  | 11.6 | 7.8  | 7.8  | 70.1 | 29.7 |
| 7   | 21.8 | 14.1 | 21.0 | 36.7 | 13.1 | 18.9 | 8.2  | 18.8 | 10.6 | 31.2 | 45.2 | 23.5 | 17.2 | 16.6 | 18.6 | 15.2 | 15.6 | 13.6 | 36.6 | 26.3 | 14.8 | 11.0 | 23.5 | 21.3 | 8.2  | 45.2 | 20.6 |
| 8   | 6.5  | 5.9  | 10.8 | 7.5  | 7.3  | 6.2  | 5.4  | 6.9  | 10.6 | 13.4 | 51.2 | 39.9 | 12.5 | 16.1 | 14.0 | 10.7 | 6.2  | 13.3 | 49.0 | 51.5 | 36.3 | 29.6 | 23.4 | 36.7 | 5.4  | 51.5 | 19.6 |
| 9   | 17.4 | 11.5 | 11.5 | 10.3 | 9.1  | 8.8  | 11.9 | 11.6 | 11.3 | 16.4 | 27.2 | 50.1 | 22.2 | 27.7 | 32.7 | 24.7 | 13.5 | 8.8  | 7.6  | 14.0 | 8.3  | 6.8  | 8.8  | 9.2  | 6.8  | 50.1 | 15.9 |
| 10  | 13.4 | 12.8 | 5.8  | 6.5  | 6.9  | 6.8  | 7.6  | 7.1  | 27.0 | 27.3 | 57.9 | 20.2 | 59.3 | 19.7 | 15.5 | 14.9 | 8.6  | 31.5 | 18.4 | 7.4  | 8.6  | 12.6 | 5.7  | 9.9  | 5.7  | 59.3 | 17.1 |
| 11  | 10.7 | 17.4 | 8.9  | 10.8 | 9.8  | 6.8  | 6.4  | 12.6 | 9.9  | 48.1 | 29.1 | 36.2 | 15.8 | 15.4 | 17.0 | 10.6 | 8.8  | 41.5 | 4.6  | 12.7 | 4.9  | 9.1  | 8.0  | 4.2  | 4.2  | 48.1 | 15.0 |
| 12  | 6.9  | 7.2  | 7.7  | 6.9  | 10.6 | 9.5  | 6.8  | 5.2  | 5.8  | 7.9  | 19.8 | 18.8 | 23.6 | 18.1 | 14.2 | 13.1 | 8.5  | 7.5  | 19.3 | 8.2  | 12.4 | 9.5  | 10.7 | 10.5 | 5.2  | 23.6 | 11.2 |
| 13  | 30.0 | 29.2 | 53.2 | 52.8 | 43.7 | 56.3 | 53.7 | 48.2 | 25.9 | 14.6 | 36.2 | 27.8 | 12.1 | 58.0 | 12.4 | 27.1 | 15.6 | 21.3 | 26.2 | 11.7 | 14.0 | 14.1 | 58.6 | 60.2 | 11.7 | 60.2 | 33.1 |
| 14  | 45.4 | 60.1 | 54.2 | 11.9 | 13.3 | 15.6 | 36.8 | 28.8 | 12.6 | 12.4 | 14.9 | 14.9 | 17.8 | 22.4 | 66.2 | 55.0 | 17.5 | 31.6 | 13.5 | 16.2 | 25.3 | 13.2 | 21.4 | 8.9  | 8.9  | 66.2 | 26.3 |
| 15  | 14.2 | 7.3  | 9.7  | 9.5  | 6.2  | 7.9  | 13.5 | 5.2  | 11.0 | 9.0  | 29.7 | 45.5 | 22.3 | 19.8 | 26.5 | 12.5 | 9.9  | 30.3 | 24.9 | 12.9 | 9.2  | 17.1 | 28.0 | 35.0 | 5.2  | 45.5 | 17.4 |
| 16  | 29.6 | 15.6 | 29.8 | 32.4 | 22.6 | 10.1 | 12.9 | 18.3 | 15.5 | 18.1 | 8.6  | 10.6 | 12.6 | 8.8  | 9.1  | 10.1 | 9.3  | 10.8 | 10.1 | 11.1 | 19.5 | 15.4 | 28.9 | 20.5 | 8.6  | 32.4 | 16.3 |
| 17  | 25.4 | 39.8 | 77.4 | 58.4 | 25.4 | 22.7 | 33.5 | 50.0 | 44.8 | 37.9 | 27.9 | 33.6 | 13.3 | 20.3 | 11.6 | 15.7 | 15.6 | 16.3 | 47.8 | 49.7 | 48.1 | 45.1 | 57.9 | 39.6 | 11.6 | 77.4 | 35.7 |
| 18  | 20.7 | 54.2 | 42.1 | 44.2 | 31.7 | 43.3 | 49.5 | 20.9 | 61.2 | 19.5 | 16.3 | 39.3 | 28.2 | 20.9 | 18.9 | 12.7 | 10.5 | 9.2  | 42.7 | 28.5 | 27.0 | 61.4 | 28.2 | 36.2 | 9.2  | 61.4 | 32.0 |
| 19  | 12.2 | 10.4 | 6.7  | 17.0 | 15.9 | 15.3 | 8.0  | 5.9  | 24.3 | 29.8 | 29.3 | 23.1 | 16.0 | 20.0 | 16.4 | 11.8 | 7.7  | 26.9 | 22.6 | 6.8  | 8.2  | 8.6  | 4.1  | 4.4  | 4.1  | 29.8 | 14.6 |
| 20  | 4.0  | 3.9  | 7.0  | 7.2  | 6.4  | 8.0  | 5.3  | 5.9  | 10.1 | 23.9 | 18.3 | 15.3 | 12.8 | 11.2 | 11.2 | 9.6  | 7.8  | 8.8  | 14.4 | 71.7 | 56.8 | 44.3 | 52.3 | 23.8 | 3.9  | 71.7 | 18.3 |
| 21  | 30.3 | 43.2 | 39.5 | 50.6 | 62.2 | 31.1 | 36.5 | 34.8 | 19.3 | 24.0 | 10.7 | 12.3 | 16.9 | 18.9 | 25.9 | 17.1 | 11.0 | 11.8 | 21.3 | 13.6 | 10.3 | 32.6 | 40.1 | 30.7 | 10.3 | 62.2 | 26.9 |
| 22  | 41.4 | 27.2 | 17.2 | 33.2 | 18.2 | 24.6 | 13.0 | 7.8  | 22.8 | 19.2 | 24.6 | 68.2 | 48.9 | 28.7 | 17.4 | 15.3 | 9.0  | 7.1  | 30.4 | 12.6 | 6.9  | 11.3 | 9.0  | 2.9  | 2.9  | 68.2 | 21.5 |
| 23  | 3.1  | 5.1  | 6.3  | 4.5  | 4.2  | 5.1  | 5.7  | 5.5  | 5.9  | 10.6 | 31.0 | 15.1 | 15.6 | 15.9 | 19.3 | 29.6 | 26.1 | 21.3 | 18.5 | 30.3 | 10.7 | 13.7 | 16.4 | 15.6 | 3.1  | 31.0 | 14.0 |
| 24  | 17.3 | 15.4 | 32.2 | 26.4 | 53.2 | 15.3 | 48.9 | 24.5 | 34.3 | 27.1 | 14.4 | 17.0 | 21.9 | 11.9 | 7.8  | 10.6 | 8.7  | 10.2 | 31.9 | 24.4 | 16.1 | 28.8 | 48.9 | 25.6 | 7.8  | 53.2 | 23.9 |
| 25  | 16.9 | 27.8 | 48.4 | 13.4 | 12.8 | 12.2 | 7.8  | 15.7 | 8.4  | 17.9 | 14.1 | 44.0 | 42.1 | 54.7 | 19.2 | 6.2  | 7.1  | 10.3 | 18.1 | 9.0  | 6.7  | 6.5  | 5.9  | 3.0  | 3.0  | 54.7 | 17.8 |
| 26  | 8.1  | 5.9  | 5.2  | 5.5  | 4.6  | 6.3  | 8.3  | 6.5  | 6.9  | 10.1 | 46.6 | 27.3 | 24.3 | 17.9 | 13.5 | 10.8 | 8.6  | 6.8  | 8.3  | 29.7 | 15.2 | 12.3 | 6.3  | 17.4 | 4.6  | 46.6 | 13.0 |
| 27  | 10.2 | 20.3 | 8.6  | 12.2 | 49.6 | 37.1 | 15.1 | 47.9 | 29.8 | 23.0 | 26.7 | 13.5 | 12.9 | 10.2 | 11.0 | 8.9  | 10.3 | 14.9 | 17.7 | 42.6 | 47.6 | 45.2 | 61.9 | 50.6 | 8.6  | 61.9 | 26.2 |
| 28  | 12.6 | 49.3 | 45.1 | 49.0 | 58.4 | 60.3 | 45.7 | 65.9 | 55.1 | 49.5 | 13.2 | 16.3 | 15.6 | 12.5 | 18.9 | 36.3 | 36.0 | 21.2 | 15.0 | 23.1 | 12.8 | 8.8  | 8.0  | 9.3  | 8.0  | 65.9 | 30.7 |
| 29  | 7.9  | 8.4  | 7.7  | 13.4 | 9.7  | 13.2 | 8.7  | 8.6  | 16.7 | 16.0 | 23.5 | 26.0 | 33.3 | 41.6 | 49.5 | 40.4 | 45.6 | 51.4 | 42.6 | 34.1 | 73.1 | 65.2 | 60.7 | 32.4 | 7.7  | 73.1 | 30.4 |
| 30  | 44.6 | 76.3 | 74.0 | 56.1 | 63.0 | 52.0 | 54.0 | 52.6 | 43.2 | 29.0 | 18.8 | 33.6 | 30.4 | 9.4  | 9.6  | 8.9  | 11.2 | 11.5 | 8.4  | 13.1 | 13.0 | 7.3  | 7.3  | 18.5 | 7.3  | 76.3 | 31.1 |
| 31  | 13.7 | 25.3 | 7.2  | 12.1 | 11.5 | 7.1  | 10.8 | 22.4 | 10.4 | 21.5 | 17.4 | 14.5 | 18.8 | 22.2 | 23.5 | 14.3 | 9.4  | 5.3  | 7.0  | 36.8 | 8.8  | 10.2 | 11.5 | 9.4  | 5.3  | 36.8 | 14.6 |
| Min | 3.1  | 3.9  | 5.2  | 4.5  | 4.2  | 4.5  | 5.3  | 5.2  | 5.8  | 7.9  | 8.6  | 10.6 | 8.3  | 8.8  | 7.8  | 6.2  | 6.2  | 5.3  | 4.6  | 5.3  | 3.0  | 4.8  | 3.9  | 2.9  | 2.9  |      |      |
| Max | 70.1 | 76.3 | 77.4 | 58.4 | 63.0 | 60.3 | 54.0 | 65.9 | 61.2 | 56.1 | 57.9 | 68.2 | 59.3 | 54.7 | 66.2 | 55.0 | 45.6 | 51.4 | 49.0 | 71.7 | 73.1 | 65.2 | 61.9 | 60.2 |      | 77.4 |      |
| Avg | 19.7 | 23.9 | 24.3 | 23.5 | 24.0 | 21.5 | 21.0 | 22.8 | 21.7 | 23.6 | 25.9 | 28.8 | 23.1 | 21.2 | 21.1 | 17.9 | 13.2 | 18.0 | 20.1 | 21.8 | 20.2 | 21.1 | 25.0 | 20.8 |      |      | 21.8 |

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: January  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 06-05-2008  
Printout Time: 09:51:20  
Output File Name: WWWB0108.17

| 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   | 12.5 | 11.8 | 14.8 | 11.0 | 12.1 | 10.5 | 8.6  | 7.1  | 5.6  | 6.3  | 6.0  | 5.0  | 6.1  | 6.1  | 4.4  | 2.4  | 8.3  | 7.8  | 7.8  | 8.2  | 8.3  | 6.9  | 9.1  | 9.1  | 2.4  | 14.8 | 8.2  |
| 2   | 9.5  | 9.1  | 8.4  | 10.2 | 9.7  | 7.5  | 8.6  | 9.4  | 5.8  | 2.4  | 5.6  | 5.3  | 7.2  | 7.0  | 7.5  | 8.0  | 5.9  | 5.5  | 7.3  | 9.1  | 9.9  | 12.1 | 11.9 | 12.1 | 2.4  | 12.1 | 8.1  |
| 3   | 10.5 | 10.0 | 9.8  | 10.6 | 9.8  | 9.9  | 12.4 | 10.9 | 10.9 | 6.9  | 5.2  | 5.9  | 7.3  | 8.0  | 8.1  | 7.8  | 7.1  | 8.7  | 7.0  | 7.4  | 10.4 | 11.3 | 11.6 | 11.6 | 5.2  | 12.4 | 9.1  |
| 4   | 8.2  | 10.7 | 9.2  | 7.4  | 5.6  | 7.1  | 6.7  | 6.6  | 5.8  | 5.3  | 7.5  | 11.6 | 11.7 | 8.0  | 10.3 | 11.7 | 9.1  | 8.7  | 7.9  | 6.5  | 5.2  | 9.3  | 11.9 | 12.5 | 5.2  | 12.5 | 8.5  |
| 5   | 9.7  | 9.1  | 15.8 | 13.0 | 11.8 | 5.9  | 7.5  | 9.4  | 8.3  | 11.5 | 11.3 | 9.4  | 6.7  | 5.3  | 6.8  | 25.7 | 30.7 | 30.6 | 36.5 | 37.3 | 31.3 | 28.8 | 12.6 | 8.8  | 5.3  | 37.3 | 16.0 |
| 6   | 11.5 | 9.6  | 13.1 | 29.4 | 30.5 | 36.5 | 28.4 | 9.8  | 26.5 | 25.1 | 13.7 | 14.8 | 37.5 | 42.3 | 28.6 | 23.3 | 27.8 | 25.0 | 28.6 | 28.6 | 31.0 | 30.7 | 20.8 | 10.7 | 9.6  | 42.3 | 24.3 |
| 7   | 9.1  | 8.2  | 8.1  | 6.7  | 7.4  | 6.6  | 7.1  | 5.1  | 6.6  | 5.0  | 5.4  | 8.3  | 9.7  | 7.8  | 7.9  | 8.2  | 8.9  | 7.4  | 6.4  | 3.4  | 6.8  | 8.1  | 7.8  | 9.0  | 3.4  | 9.7  | 7.3  |
| 8   | 9.6  | 9.6  | 7.9  | 8.0  | 5.8  | 7.5  | 10.6 | 10.4 | 8.7  | 5.0  | 3.9  | 11.5 | 9.1  | 9.5  | 7.0  | 6.3  | 6.5  | 5.3  | 3.9  | 4.4  | 6.3  | 8.3  | 8.1  | 19.2 | 3.9  | 19.2 | 8.0  |
| 9   | 27.8 | 30.6 | 30.1 | 34.7 | 37.3 | 35.3 | 26.8 | 23.8 | 21.9 | 18.7 | 4.5  | 4.6  | 8.6  | 7.4  | 17.0 | 11.3 | 12.9 | 15.1 | 15.9 | 16.1 | 9.0  | 9.4  | 10.4 | 8.5  | 4.5  | 37.3 | 18.2 |
| 10  | 9.7  | 9.9  | 7.6  | 10.7 | 10.7 | 9.6  | 7.7  | 11.6 | 9.4  | 5.8  | 3.2  | 4.9  | 8.3  | 12.9 | 11.0 | 8.9  | 6.4  | 5.3  | 5.0  | 8.3  | 10.5 | 9.1  | 11.5 | 10.5 | 3.2  | 12.9 | 8.7  |
| 11  | 10.7 | 11.1 | 12.4 | 14.1 | 11.2 | 10.6 | 10.4 | 11.0 | 10.2 | 3.7  | 3.7  | 8.9  | 8.6  | 9.1  | 7.6  | 6.3  | 5.3  | 6.6  | 6.9  | 10.2 | 9.3  | 10.5 | 10.4 | 10.8 | 3.7  | 14.1 | 9.2  |
| 12  | 10.8 | 10.7 | 8.7  | 8.9  | 8.3  | 7.4  | 8.3  | 8.6  | 9.0  | 6.3  | 5.3  | 6.7  | 6.9  | 9.7  | 9.9  | 8.0  | 6.9  | 6.4  | 7.2  | 8.7  | 10.6 | 14.1 | 12.9 | 13.6 | 5.3  | 14.1 | 8.9  |
| 13  | 8.6  | 10.3 | 9.4  | 10.4 | 18.2 | 17.0 | 13.4 | 13.1 | 9.4  | 12.6 | 13.2 | 26.5 | 26.5 | 19.1 | 20.5 | 22.7 | 22.4 | 20.5 | 17.8 | 17.1 | 20.7 | 26.5 | 20.7 | 15.6 | 8.6  | 26.5 | 17.2 |
| 14  | 12.6 | 18.9 | 16.2 | 25.1 | 27.1 | 21.8 | 20.8 | 16.9 | 23.8 | 22.4 | 19.5 | 17.5 | 19.5 | 11.5 | 7.9  | 8.6  | 10.1 | 8.1  | 12.4 | 12.2 | 12.4 | 11.7 | 10.7 | 11.5 | 7.9  | 27.1 | 15.8 |
| 15  | 12.4 | 11.8 | 11.1 | 11.0 | 9.1  | 11.7 | 11.2 | 11.0 | 6.9  | 6.9  | 4.2  | 7.8  | 9.3  | 9.1  | 8.7  | 9.0  | 8.1  | 7.1  | 7.8  | 8.3  | 10.5 | 12.7 | 15.4 | 11.9 | 4.2  | 15.4 | 9.7  |
| 16  | 13.4 | 11.6 | 10.3 | 11.3 | 20.4 | 12.3 | 16.9 | 12.5 | 15.3 | 15.3 | 18.9 | 18.3 | 18.1 | 19.1 | 19.5 | 21.9 | 21.3 | 27.9 | 25.8 | 33.1 | 21.9 | 19.9 | 19.0 | 22.0 | 10.3 | 33.1 | 18.6 |
| 17  | 19.1 | 19.6 | 16.4 | 16.7 | 20.6 | 22.4 | 22.7 | 19.9 | 12.2 | 24.9 | 20.1 | 21.2 | 28.8 | 28.0 | 26.6 | 23.6 | 15.1 | 15.6 | 12.3 | 14.5 | 13.7 | 8.7  | 9.0  | 10.7 | 8.7  | 28.8 | 18.4 |
| 18  | 11.8 | 12.4 | 8.3  | 10.2 | 10.1 | 11.8 | 10.2 | 10.8 | 8.2  | 11.6 | 9.2  | 16.4 | 20.5 | 21.9 | 19.1 | 18.2 | 15.1 | 12.4 | 10.3 | 9.1  | 9.1  | 7.9  | 11.5 | 8.6  | 7.9  | 21.9 | 12.3 |
| 19  | 8.3  | 9.7  | 10.2 | 8.2  | 9.2  | 8.7  | 9.0  | 10.3 | 7.8  | 4.5  | 5.8  | 8.6  | 12.5 | 15.5 | 11.8 | 10.3 | 10.4 | 5.6  | 7.0  | 9.0  | 10.3 | 11.3 | 11.0 | 11.0 | 4.5  | 15.5 | 9.4  |
| 20  | 11.2 | 11.2 | 12.1 | 10.3 | 10.2 | 9.2  | 10.6 | 11.5 | 7.4  | 2.8  | 8.7  | 11.7 | 14.6 | 14.6 | 15.3 | 17.9 | 11.8 | 10.6 | 9.0  | 5.6  | 8.0  | 11.3 | 11.8 | 20.3 | 2.8  | 20.3 | 11.2 |
| 21  | 14.9 | 14.5 | 13.4 | 12.3 | 11.3 | 13.2 | 11.3 | 11.3 | 16.9 | 24.9 | 33.7 | 31.6 | 32.4 | 30.7 | 27.0 | 34.8 | 30.8 | 25.7 | 20.3 | 26.7 | 22.1 | 21.5 | 6.3  | 6.4  | 6.3  | 34.8 | 20.6 |
| 22  | 6.6  | 12.2 | 4.3  | 8.8  | 6.8  | 8.6  | 7.4  | 7.8  | 5.0  | 3.9  | 6.1  | 5.2  | 9.1  | 11.1 | 7.2  | 8.0  | 4.5  | 3.4  | 8.0  | 8.8  | 9.7  | 9.1  | 6.9  | 9.6  | 3.4  | 12.2 | 7.4  |
| 23  | 10.5 | 11.3 | 10.4 | 8.7  | 8.3  | 7.9  | 9.9  | 9.6  | 7.8  | 5.7  | 8.5  | 13.4 | 15.2 | 15.9 | 12.6 | 12.4 | 7.1  | 7.4  | 4.4  | 20.2 | 17.0 | 9.7  | 11.8 | 13.7 | 4.4  | 20.2 | 10.8 |
| 24  | 15.0 | 21.8 | 12.5 | 7.8  | 6.2  | 5.6  | 8.2  | 7.7  | 3.7  | 19.4 | 20.0 | 17.3 | 13.4 | 31.2 | 30.8 | 14.9 | 16.6 | 19.2 | 16.8 | 18.2 | 9.1  | 8.0  | 7.5  | 8.4  | 3.7  | 31.2 | 14.1 |
| 25  | 9.4  | 6.6  | 4.5  | 6.5  | 7.2  | 8.3  | 7.8  | 7.0  | 3.8  | 4.3  | 5.6  | 5.1  | 5.3  | 6.9  | 8.1  | 7.5  | 5.0  | 5.9  | 7.0  | 9.5  | 9.6  | 9.0  | 10.5 | 9.9  | 3.8  | 10.5 | 7.1  |
| 26  | 8.7  | 9.4  | 9.8  | 8.1  | 9.3  | 8.1  | 9.6  | 8.7  | 7.2  | 5.8  | 5.6  | 9.1  | 13.7 | 13.6 | 14.3 | 12.2 | 8.4  | 7.2  | 7.7  | 5.7  | 5.9  | 6.4  | 11.0 | 7.3  | 5.6  | 14.3 | 8.9  |
| 27  | 3.5  | 4.3  | 7.4  | 6.9  | 3.9  | 5.3  | 9.8  | 5.5  | 8.6  | 9.1  | 7.6  | 11.6 | 9.8  | 17.1 | 16.7 | 16.4 | 16.9 | 12.6 | 13.6 | 14.1 | 16.4 | 13.5 | 8.3  | 19.1 | 3.5  | 19.1 | 10.7 |
| 28  | 26.0 | 15.5 | 10.2 | 16.6 | 11.0 | 12.8 | 11.0 | 15.4 | 10.2 | 26.7 | 48.2 | 65.0 | 60.8 | 74.8 | 65.5 | 40.8 | 34.3 | 44.0 | 44.4 | 45.7 | 35.2 | 30.8 | 32.5 | 27.0 | 10.2 | 74.8 | 33.5 |
| 29  | 27.0 | 21.0 | 20.4 | 15.6 | 18.5 | 21.0 | 12.6 | 11.8 | 18.3 | 8.3  | 14.9 | 17.1 | 14.9 | 14.8 | 20.8 | 20.0 | 19.7 | 20.6 | 7.8  | 9.6  | 8.6  | 7.8  | 10.1 | 10.4 | 7.8  | 27.0 | 15.5 |
| 30  | 10.3 | 14.0 | 10.3 | 9.6  | 9.5  | 16.1 | 19.4 | 24.8 | 29.7 | 24.7 | 35.8 | 16.7 | 29.8 | 30.5 | 27.2 | 19.8 | 21.3 | 16.7 | 14.0 | 17.7 | 14.0 | 17.9 | 12.7 | 10.7 | 9.5  | 35.8 | 18.9 |
| 31  | 9.9  | 8.5  | 10.0 | 7.2  | 7.3  | 8.8  | 8.6  | 5.7  | 4.3  | 5.8  | 11.4 | 11.4 | 12.4 | 11.5 | 11.0 | 10.9 | 11.1 | 7.3  | 8.3  | 8.0  | 9.1  | 11.5 | 9.5  | 11.6 | 4.3  | 12.4 | 9.2  |
| Min | 3.5  | 4.3  | 4.3  | 6.5  | 3.9  | 5.3  | 6.7  | 5.1  | 3.7  | 2.4  | 3.2  | 4.6  | 5.3  | 5.3  | 4.4  | 2.4  | 4.5  | 3.4  | 3.9  | 3.4  | 5.2  | 6.4  | 6.3  | 6.4  | 2.4  |      |      |
| Max | 27.8 | 30.6 | 30.1 | 34.7 | 37.3 | 36.5 | 28.4 | 24.8 | 29.7 | 26.7 | 48.2 | 65.0 | 60.8 | 74.8 | 65.5 | 40.8 | 34.3 | 44.0 | 44.4 | 45.7 | 35.2 | 30.8 | 32.5 | 27.0 | 74.8 |      |      |
| Avg | 12.2 | 12.4 | 11.4 | 12.1 | 12.4 | 12.4 | 12.1 | 11.1 | 10.8 | 11.0 | 12.0 | 13.8 | 15.9 | 17.1 | 16.0 | 14.8 | 13.7 | 13.2 | 12.7 | 14.2 | 13.3 | 13.3 | 12.1 | 12.3 |      |      | 13.0 |

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: Battery Voltage  
Units: volts  
Channel: 7

Site: White Water Wash (data subject to change)  
Month: January  
Year: 2008  
Time Zone: PST

Validation Level: B  
Printout Date: 06-05-2008  
Printout Time: 09:51:09  
Output File Name: WWWB0108.7

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

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