

# Desert Hot Springs Meteorological Data

September 2004

Validation Level: B

Prepared By: T&B Systems

Variable: Scalar Wind Speed  
Units: mph  
Channel: 6

Site: Desert Hot Springs (data subject to change)  
Month: September  
Year: 2004  
Time Zone: PST

Validation Level: B  
Printout Date: 02-01-2005  
Printout Time: 08:53:44  
Output File Name: DHSB0904.6

| Day | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | Min | Max  | Avg  |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|
| 1   | 4.3  | 5.1  | 4.8  | 5.2  | 5.1  | 6.1  | 3.6  | 4.9  | 7.2  | 5.7  | 4.7  | 5.2  | 7.6  | 8.9  | 9.4  | 10.2 | 9.0  | 7.0  | 15.9 | 14.1 | 5.7  | 3.8  | 3.2  | 2.9  | 2.9 | 15.9 | 6.7  |
| 2   | 5.9  | 4.4  | 3.5  | 4.7  | 3.6  | 3.2  | 4.0  | 5.7  | 6.5  | 5.4  | 7.4  | 20.1 | 19.7 | 21.0 | 20.4 | 17.2 | 20.8 | 23.0 | 23.8 | 22.5 | 24.6 | 26.5 | 26.5 | 23.3 | 3.2 | 26.5 | 14.3 |
| 3   | 22.8 | 20.5 | 20.3 | 20.8 | 7.4  | 5.0  | 5.0  | 6.0  | 11.6 | 17.1 | 16.6 | 20.2 | 24.6 | 27.0 | 27.4 | 26.6 | 23.9 | 24.6 | 24.3 | 16.3 | 16.1 | 14.6 | 8.3  | 7.8  | 5.0 | 27.4 | 17.3 |
| 4   | 4.9  | 5.6  | 9.2  | 7.0  | 6.3  | 4.5  | 9.2  | 15.5 | 14.5 | 12.8 | 9.7  | 7.6  | 5.7  | 5.4  | 5.8  | 5.7  | 6.3  | 5.2  | 4.3  | 2.6  | 3.8  | 5.5  | 7.5  | 6.6  | 2.6 | 15.5 | 7.1  |
| 5   | 6.0  | 7.0  | 7.9  | 5.7  | 5.0  | 6.1  | 3.9  | 4.7  | 3.8  | 4.8  | 4.4  | 5.7  | 8.6  | 8.1  | 8.1  | 7.3  | 4.2  | 3.0  | 2.4  | 5.5  | 5.8  | 6.7  | 7.6  | 7.3  | 2.4 | 8.6  | 5.8  |
| 6   | 6.2  | 7.8  | 7.6  | 6.5  | 4.4  | 4.5  | 3.7  | 2.4  | 2.9  | 4.7  | 7.9  | 8.3  | 8.0  | 7.0  | 7.0  | 7.4  | 7.0  | 5.1  | 8.3  | 6.9  | 8.8  | 6.9  | 6.8  | 6.3  | 2.4 | 8.8  | 6.4  |
| 7   | 5.2  | 5.9  | 4.2  | 3.7  | 3.1  | 3.4  | 3.2  | 2.2  | 2.7  | 5.7  | 6.1  | 8.7  | 9.1  | 8.2  | 8.1  | 8.5  | 7.8  | 6.7  | 12.5 | 10.3 | 7.4  | 7.8  | 6.8  | 6.0  | 2.2 | 12.5 | 6.4  |
| 8   | 6.8  | 8.8  | 7.6  | 7.3  | 5.6  | 5.0  | 3.3  | 4.8  | 8.5  | 6.9  | 4.4  | 6.7  | 10.1 | 10.4 | 9.9  | 8.9  | 6.5  | 6.6  | 3.4  | 3.3  | 4.9  | 3.3  | 2.1  | 8.6  | 2.1 | 10.4 | 6.4  |
| 9   | 3.6  | 5.0  | 3.8  | 5.2  | 4.4  | 2.6  | 2.9  | 3.5  | 3.0  | 4.7  | 2.8  | 4.3  | 6.3  | 9.6  | 9.0  | 4.8  | 7.5  | 6.2  | 5.6  | 4.6  | 2.4  | 3.4  | 5.1  | 4.8  | 2.4 | 9.6  | 4.8  |
| 10  | 5.3  | 5.0  | 5.8  | 6.1  | 6.8  | 5.1  | 6.1  | 3.2  | 4.3  | 5.2  | 6.6  | 8.9  | 10.4 | 11.7 | 11.6 | 8.8  | 6.2  | 5.1  | 10.3 | 9.6  | 7.5  | 6.1  | 6.6  | 5.2  | 3.2 | 11.7 | 7.0  |
| 11  | 3.6  | 4.2  | 6.1  | 5.9  | 6.1  | 5.2  | 4.4  | 3.8  | 4.6  | 5.9  | 5.0  | 6.4  | 6.9  | 9.6  | 12.2 | 14.2 | 4.3  | 6.0  | 8.7  | 5.8  | 4.8  | 4.7  | 3.6  | 5.5  | 3.6 | 14.2 | 6.1  |
| 12  | 3.6  | 5.8  | 4.4  | 5.1  | 7.4  | 6.4  | 3.2  | 10.7 | 17.4 | 20.1 | 19.2 | 21.8 | 23.8 | 22.9 | 24.5 | 23.5 | 22.5 | 20.4 | 17.8 | 19.3 | 21.7 | 18.6 | 16.0 | 11.1 | 3.2 | 24.5 | 15.3 |
| 13  | 13.7 | 17.5 | 15.5 | 16.1 | 19.1 | 18.4 | 17.8 | 8.6  | 8.7  | 19.3 | 20.5 | 18.0 | 19.6 | 20.0 | 23.0 | 23.2 | 22.1 | 22.1 | 19.1 | 14.4 | 16.1 | 18.4 | 16.2 | 11.7 | 8.6 | 23.2 | 17.5 |
| 14  | 8.7  | 4.8  | 5.7  | 5.7  | 3.9  | 4.1  | 3.5  | 4.5  | 11.9 | 16.6 | 15.9 | 12.6 | 10.1 | 8.3  | 10.9 | 13.0 | 16.0 | 14.4 | 12.6 | 7.4  | 4.8  | 2.6  | 3.6  | 3.3  | 2.6 | 16.6 | 8.5  |
| 15  | 4.0  | 1.6  | 2.0  | 3.7  | 2.4  | 3.1  | 2.9  | 2.9  | 4.1  | 6.4  | 5.4  | 7.5  | 8.6  | 10.1 | 9.2  | 9.7  | 9.1  | 7.4  | 6.2  | 8.0  | 5.2  | 3.7  | 2.2  | 3.1  | 1.6 | 10.1 | 5.3  |
| 16  | 2.0  | 2.1  | 3.5  | 2.2  | 1.9  | 2.7  | 1.6  | 3.2  | 5.1  | 4.9  | 7.6  | 8.8  | 9.3  | 11.2 | 10.4 | 8.2  | 9.0  | 8.6  | 7.9  | 11.8 | 6.5  | 3.8  | 4.9  | 4.2  | 1.6 | 11.8 | 5.9  |
| 17  | 5.0  | 6.0  | 5.8  | 4.0  | 2.3  | 4.5  | 8.7  | 3.9  | 4.9  | 6.8  | 4.8  | 5.0  | 6.9  | 9.4  | 18.5 | 18.9 | 17.6 | 13.6 | 10.6 | 8.3  | 8.2  | 5.2  | 4.5  | 3.3  | 2.3 | 18.9 | 7.8  |
| 18  | 3.8  | 3.2  | 4.4  | 3.7  | 5.1  | 3.7  | 3.1  | 3.3  | 5.2  | 5.4  | 7.0  | 8.5  | 6.8  | 10.6 | 14.9 | 22.1 | 20.1 | 18.8 | 22.6 | 19.3 | 8.8  | 13.1 | 4.9  | 4.1  | 3.1 | 22.6 | 9.3  |
| 19  | 8.7  | 22.9 | 20.4 | 14.3 | 23.0 | 27.3 | 28.4 | 31.7 | 33.4 | 33.3 | 34.3 | 33.6 | 35.9 | 34.9 | 30.1 | 27.7 | 28.8 | 30.9 | 37.0 | 34.4 | 27.1 | 27.0 | 27.3 | 24.0 | 8.7 | 37.0 | 28.2 |
| 20  | 23.6 | 20.1 | 16.9 | 12.8 | 8.1  | 6.5  | 5.6  | 4.9  | 8.1  | 11.5 | 11.4 | 10.6 | 9.5  | 15.5 | 18.0 | 16.8 | 17.3 | 15.3 | 14.7 | 13.3 | 8.6  | 8.5  | 7.6  | 12.8 | 4.9 | 23.6 | 12.4 |
| 21  | 6.7  | 7.7  | 8.5  | 8.9  | 15.1 | 17.4 | 18.8 | 17.3 | 17.9 | 16.4 | 12.0 | 12.2 | 11.6 | 11.2 | 11.6 | 11.2 | 10.2 | 11.4 | 5.1  | 2.8  | 3.7  | 5.3  | 6.1  | 6.0  | 2.8 | 18.8 | 10.6 |
| 22  | 5.4  | 6.4  | 8.2  | 7.3  | 5.7  | 3.9  | 2.9  | 3.7  | 7.7  | 9.6  | 11.2 | 13.0 | 15.0 | 15.6 | 15.2 | 15.1 | 11.2 | 5.4  | 4.8  | 6.4  | 7.4  | 6.6  | 7.8  | 6.6  | 2.9 | 15.6 | 8.4  |
| 23  | 8.2  | 7.0  | 6.5  | 7.6  | 7.7  | 5.7  | 5.6  | 2.6  | 3.1  | 5.0  | 6.4  | 7.1  | 7.2  | 6.7  | 5.8  | 5.6  | 3.4  | 2.8  | 4.5  | 6.9  | 8.1  | 3.6  | 5.6  | 4.7  | 2.6 | 8.2  | 5.7  |
| 24  | 6.4  | 8.3  | 6.9  | 8.7  | 6.0  | 6.6  | 9.9  | 6.6  | 4.0  | 4.9  | 7.5  | 8.6  | 7.7  | 6.5  | 6.3  | 6.4  | 4.4  | 1.9  | 7.4  | 7.8  | 6.5  | 5.2  | 8.1  | 7.7  | 1.9 | 9.9  | 6.7  |
| 25  | 8.1  | 8.3  | 6.5  | 9.4  | 11.9 | 8.8  | 2.9  | 2.6  | 3.7  | 3.5  | 6.0  | 8.6  | 10.9 | 10.0 | 8.8  | 7.4  | 6.4  | 7.4  | 9.4  | 9.7  | 6.3  | 5.4  | 6.8  | 8.9  | 2.6 | 11.9 | 7.4  |
| 26  | 7.3  | 7.9  | 8.4  | 7.3  | 7.1  | 7.3  | 8.2  | 4.2  | 8.7  | 12.3 | 11.7 | 9.7  | 7.9  | 9.1  | 7.9  | 8.6  | 8.1  | 4.6  | 4.4  | 5.5  | 6.5  | 6.2  | 5.1  | 4.0  | 4.0 | 12.3 | 7.4  |
| 27  | 4.9  | 5.8  | 4.3  | 5.2  | 6.4  | 5.6  | 4.6  | 2.7  | 3.7  | 5.4  | 7.6  | 10.8 | 8.6  | 8.0  | 7.0  | 14.1 | 15.7 | 13.6 | 14.2 | 11.9 | 6.1  | 4.0  | 6.8  | 5.4  | 2.7 | 15.7 | 7.6  |
| 28  | 5.7  | 2.8  | 4.1  | 4.5  | 4.8  | 3.5  | 3.7  | 3.3  | 10.7 | 12.3 | 10.4 | 15.0 | 15.2 | 18.2 | 21.5 | 20.5 | 21.0 | 19.9 | 20.2 | 16.9 | 19.3 | 19.3 | 14.7 | 13.6 | 2.8 | 21.5 | 12.5 |
| 29  | 11.2 | 8.9  | 5.7  | 13.1 | 19.5 | 12.8 | 5.0  | 5.2  | 17.0 | 26.3 | 30.1 | 28.2 | 27.5 | 25.5 | 26.3 | 24.2 | 23.0 | 21.5 | 21.2 | 20.5 | 17.6 | 16.9 | 11.7 | 10.1 | 5.0 | 30.1 | 17.9 |
| 30  | 12.4 | 12.7 | 5.5  | 5.2  | 4.6  | 4.9  | 5.6  | 2.8  | 11.2 | 15.0 | 17.0 | 18.0 | 18.7 | 16.8 | 17.1 | 18.5 | 18.5 | 19.8 | 20.0 | 13.6 | 8.8  | 3.8  | 6.3  | 4.2  | 2.8 | 20.0 | 11.7 |
| Min | 2.0  | 1.6  | 2.0  | 2.2  | 1.9  | 2.6  | 1.6  | 2.2  | 2.7  | 3.5  | 2.8  | 4.3  | 5.7  | 5.4  | 5.8  | 4.8  | 3.4  | 1.9  | 2.4  | 2.6  | 2.4  | 2.6  | 2.1  | 2.9  | 1.6 |      |      |
| Max | 23.6 | 22.9 | 20.4 | 20.8 | 23.0 | 27.3 | 28.4 | 31.7 | 33.4 | 33.3 | 34.3 | 33.6 | 35.9 | 34.9 | 30.1 | 27.7 | 28.8 | 30.9 | 37.0 | 34.4 | 27.1 | 27.0 | 27.3 | 24.0 |     | 37.0 |      |
| Avg | 7.5  | 8.0  | 7.5  | 7.4  | 7.3  | 6.8  | 6.4  | 6.0  | 8.5  | 10.5 | 10.7 | 12.0 | 12.6 | 13.2 | 13.9 | 13.8 | 12.9 | 11.9 | 12.6 | 11.3 | 9.6  | 8.9  | 8.3  | 7.8  |     |      | 9.8  |

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: Desert Hot Springs (data subject to change)  
 Month: September  
 Year: 2004  
 Time Zone: PST

Validation Level: B  
 Printout Date: 02-01-2005  
 Printout Time: 08:53:51  
 Output File Name: DHSB0904.7

| 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   | 340 | 334 | 334 | 347 | 334 | 336 | 333 | 124 | 165 | 140 | 116 | 123 | 144 | 139 | 156 | 164 | 176 | 215 | 270 | 298 | 254 | 99  | 128 | 88  | [NNW] |
| 2   | 330 | 336 | 359 | 347 | 356 | 5   | 77  | 129 | 157 | 159 | 187 | 264 | 275 | 272 | 277 | 273 | 273 | 277 | 287 | 285 | 289 | 291 | 294 | 297 | [ W ] |
| 3   | 295 | 300 | 300 | 294 | 156 | 115 | 113 | 206 | 257 | 254 | 253 | 249 | 266 | 270 | 279 | 274 | 271 | 272 | 265 | 279 | 286 | 290 | 311 | 323 | [ W ] |
| 4   | 306 | 318 | 291 | 293 | 294 | 299 | 58  | 15  | 25  | 37  | 43  | 84  | 15  | 63  | 131 | 157 | 151 | 158 | 32  | 16  | 351 | 359 | 1   | 360 | [NNE] |
| 5   | 341 | 326 | 344 | 24  | 1   | 6   | 73  | 154 | 155 | 160 | 143 | 170 | 161 | 146 | 165 | 157 | 129 | 162 | 124 | 318 | 331 | 342 | 350 | 335 | [SSE] |
| 6   | 329 | 320 | 325 | 348 | 358 | 352 | 354 | 107 | 142 | 137 | 143 | 144 | 158 | 159 | 157 | 170 | 176 | 153 | 254 | 310 | 310 | 319 | 328 | 329 | [NW ] |
| 7   | 334 | 329 | 1   | 5   | 350 | 350 | 20  | 100 | 140 | 141 | 191 | 166 | 160 | 156 | 159 | 166 | 172 | 174 | 266 | 285 | 301 | 330 | 325 | 335 | [SSE] |
| 8   | 325 | 325 | 340 | 138 | 332 | 350 | 64  | 136 | 139 | 146 | 193 | 139 | 156 | 142 | 140 | 151 | 145 | 198 | 354 | 358 | 329 | 325 | 5   | 124 | [SE ] |
| 9   | 209 | 349 | 353 | 310 | 334 | 15  | 114 | 113 | 156 | 294 | 91  | 140 | 187 | 238 | 338 | 219 | 339 | 329 | 338 | 314 | 84  | 338 | 309 | 323 | [NNW] |
| 10  | 330 | 335 | 320 | 321 | 317 | 317 | 330 | 87  | 165 | 180 | 165 | 152 | 183 | 180 | 162 | 174 | 184 | 294 | 309 | 323 | 306 | 312 | 301 | 322 | [NW ] |
| 11  | 344 | 1   | 340 | 337 | 308 | 293 | 319 | 122 | 154 | 239 | 186 | 129 | 193 | 157 | 162 | 180 | 279 | 211 | 129 | 296 | 322 | 326 | 301 | 333 | [NW ] |
| 12  | 328 | 318 | 343 | 325 | 322 | 326 | 29  | 298 | 275 | 271 | 275 | 269 | 262 | 264 | 262 | 268 | 265 | 261 | 270 | 277 | 280 | 281 | 285 | 302 | [ W ] |
| 13  | 305 | 297 | 302 | 302 | 292 | 290 | 312 | 332 | 301 | 214 | 232 | 240 | 253 | 257 | 256 | 257 | 261 | 267 | 269 | 273 | 273 | 277 | 291 | 309 | [NNW] |
| 14  | 318 | 6   | 67  | 102 | 75  | 329 | 23  | 83  | 259 | 249 | 251 | 237 | 232 | 232 | 244 | 250 | 259 | 262 | 265 | 265 | 293 | 352 | 339 | 359 | [WSW] |
| 15  | 345 | 66  | 346 | 332 | 352 | 49  | 22  | 135 | 130 | 134 | 148 | 157 | 136 | 141 | 147 | 148 | 145 | 151 | 235 | 274 | 253 | 73  | 1   | 287 | [SE ] |
| 16  | 94  | 21  | 325 | 51  | 9   | 350 | 104 | 139 | 149 | 159 | 162 | 151 | 145 | 146 | 144 | 148 | 152 | 151 | 201 | 235 | 239 | 297 | 327 | 341 | [SSE] |
| 17  | 333 | 328 | 321 | 344 | 359 | 68  | 117 | 125 | 185 | 136 | 128 | 181 | 144 | 186 | 259 | 266 | 264 | 270 | 280 | 306 | 288 | 332 | 294 | 86  | [ W ] |
| 18  | 84  | 43  | 331 | 46  | 355 | 336 | 89  | 104 | 176 | 164 | 149 | 144 | 157 | 221 | 264 | 276 | 278 | 299 | 300 | 295 | 301 | 279 | 326 | 135 | [WNW] |
| 19  | 279 | 275 | 282 | 285 | 271 | 285 | 291 | 289 | 283 | 280 | 276 | 275 | 271 | 266 | 263 | 255 | 255 | 261 | 269 | 270 | 290 | 295 | 288 | 282 | [ W ] |
| 20  | 292 | 304 | 310 | 306 | 322 | 321 | 336 | 345 | 314 | 265 | 255 | 244 | 243 | 259 | 264 | 264 | 264 | 269 | 277 | 283 | 300 | 280 | 325 | 353 | [ W ] |
| 21  | 315 | 328 | 358 | 353 | 5   | 13  | 17  | 26  | 31  | 36  | 37  | 40  | 48  | 39  | 39  | 21  | 21  | 5   | 2   | 13  | 341 | 5   | 342 | 360 | [NNE] |
| 22  | 342 | 334 | 341 | 334 | 5   | 322 | 322 | 312 | 64  | 60  | 55  | 50  | 47  | 65  | 64  | 83  | 115 | 148 | 6   | 352 | 327 | 324 | 304 | 315 | [NW ] |
| 23  | 328 | 294 | 304 | 334 | 328 | 337 | 350 | 302 | 84  | 164 | 156 | 138 | 173 | 151 | 151 | 127 | 160 | 165 | 7   | 325 | 328 | 1   | 329 | 343 | [NNW] |
| 24  | 332 | 325 | 329 | 345 | 352 | 344 | 326 | 328 | 149 | 141 | 162 | 165 | 150 | 147 | 149 | 173 | 173 | 35  | 292 | 307 | 333 | 324 | 320 | 316 | [NNW] |
| 25  | 313 | 307 | 330 | 337 | 332 | 338 | 71  | 164 | 134 | 191 | 196 | 169 | 178 | 172 | 160 | 158 | 174 | 199 | 293 | 319 | 333 | 332 | 327 | 331 | [NNW] |
| 26  | 341 | 327 | 332 | 332 | 332 | 333 | 337 | 43  | 128 | 138 | 143 | 152 | 144 | 159 | 150 | 148 | 144 | 172 | 284 | 346 | 338 | 332 | 332 | 353 | [NNW] |
| 27  | 323 | 329 | 334 | 335 | 319 | 331 | 357 | 54  | 146 | 144 | 156 | 161 | 157 | 156 | 164 | 247 | 260 | 273 | 288 | 312 | 330 | 91  | 304 | 283 | [NNW] |
| 28  | 284 | 343 | 78  | 91  | 72  | 31  | 54  | 47  | 271 | 232 | 197 | 240 | 258 | 263 | 268 | 276 | 278 | 287 | 292 | 284 | 280 | 282 | 288 | 313 | [ W ] |
| 29  | 322 | 313 | 74  | 298 | 283 | 282 | 72  | 108 | 249 | 260 | 262 | 259 | 263 | 265 | 263 | 266 | 264 | 267 | 268 | 272 | 276 | 283 | 287 | 281 | [ W ] |
| 30  | 279 | 288 | 307 | 321 | 332 | 324 | 319 | 1   | 272 | 252 | 253 | 257 | 258 | 254 | 251 | 257 | 259 | 266 | 267 | 273 | 282 | 319 | 286 | 346 | [WSW] |

Prev [NNW] [NNW] [NNW] [NNW] [ N ] [NNW] [ENE] [ESE] [SSE] [SE ] [SSE] [SSE] [SSE] [SSE] [SSE] [SSE] [SSE] [ W ] [ W ] [ W ] [NW ] [WNW] [NW ] [WNW] [NNW] [NNW]

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: Desert Hot Springs (data subject to change)  
Month: September  
Year: 2004  
Time Zone: PST

Validation Level: B  
Printout Date: 02-01-2005  
Printout Time: 08:53:51  
Output File Name: DHSB0904.7t

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

Prev [NNW] [NNW] [NNW] [NNW] [N] [NNW] [ENE] [ESE] [SSE] [SE] [SSE] [SSE] [SSE] [SSE] [SSE] [SSE] [SSE] [W] [W] [W] [NW] [WNW] [NW] [WNW] [NNW] [NNW]

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

Site: Desert Hot Springs (data subject to change)  
Month: September  
Year: 2004  
Time Zone: PST

Validation Level: B  
Printout Date: 02-01-2005  
Printout Time: 08:53:51  
Output File Name: DHSB0904.8

| 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   | 16.0 | 13.7 | 21.8 | 21.0 | 12.4 | 8.1  | 15.7 | 19.1 | 17.7 | 30.0 | 47.8 | 55.5 | 25.3 | 18.1 | 23.0 | 14.7 | 16.3 | 31.2 | 9.8  | 9.6  | 27.0 | 27.2 | 38.3 | 34.7 | 8.1  | 55.5 | 23.1 |
| 2   | 19.9 | 30.0 | 33.4 | 19.4 | 20.5 | 34.5 | 56.8 | 13.4 | 13.1 | 29.7 | 50.2 | 10.8 | 11.9 | 10.3 | 11.6 | 12.5 | 9.9  | 9.2  | 9.1  | 8.6  | 8.5  | 8.2  | 7.5  | 7.9  | 7.5  | 56.8 | 18.6 |
| 3   | 8.5  | 8.5  | 8.0  | 7.9  | 42.6 | 12.2 | 21.4 | 31.5 | 30.1 | 10.8 | 13.2 | 13.1 | 10.9 | 9.7  | 9.6  | 9.3  | 9.2  | 9.4  | 9.7  | 11.1 | 11.5 | 10.9 | 15.6 | 10.6 | 7.9  | 42.6 | 14.0 |
| 4   | 15.9 | 20.5 | 19.2 | 19.9 | 17.5 | 46.3 | 47.0 | 13.9 | 16.2 | 15.8 | 21.1 | 30.7 | 63.1 | 66.5 | 55.2 | 35.0 | 25.4 | 13.0 | 32.0 | 53.9 | 26.7 | 10.2 | 9.3  | 10.3 | 9.3  | 66.5 | 28.5 |
| 5   | 11.1 | 14.3 | 9.7  | 33.2 | 11.4 | 11.9 | 23.3 | 13.4 | 26.7 | 30.5 | 47.5 | 38.3 | 25.7 | 23.1 | 26.8 | 20.2 | 24.8 | 22.7 | 59.2 | 14.2 | 10.0 | 7.1  | 8.9  | 11.2 | 7.1  | 59.2 | 21.9 |
| 6   | 8.7  | 6.3  | 6.8  | 16.3 | 20.5 | 16.2 | 23.1 | 20.9 | 24.9 | 31.7 | 18.6 | 19.7 | 29.5 | 35.5 | 31.8 | 31.9 | 20.6 | 10.7 | 20.4 | 17.1 | 9.9  | 10.7 | 9.7  | 7.7  | 6.3  | 35.5 | 18.7 |
| 7   | 15.9 | 12.8 | 33.4 | 24.5 | 30.0 | 19.5 | 24.0 | 30.5 | 31.1 | 19.7 | 31.3 | 24.1 | 22.3 | 29.2 | 24.0 | 24.7 | 13.2 | 17.4 | 9.5  | 11.9 | 18.3 | 6.4  | 12.5 | 7.8  | 6.4  | 33.4 | 20.6 |
| 8   | 8.3  | 5.7  | 21.3 | 21.3 | 12.1 | 7.8  | 21.1 | 16.3 | 14.6 | 28.2 | 51.3 | 30.0 | 16.3 | 19.9 | 18.3 | 15.0 | 20.7 | 11.1 | 22.6 | 10.0 | 5.3  | 22.8 | 26.8 | 12.0 | 5.3  | 51.3 | 18.3 |
| 9   | 65.3 | 9.0  | 10.6 | 16.4 | 7.8  | 34.0 | 13.6 | 35.2 | 31.0 | 32.3 | 54.7 | 49.5 | 39.5 | 12.0 | 12.5 | 40.4 | 12.7 | 7.4  | 7.1  | 20.7 | 39.0 | 15.5 | 20.2 | 16.2 | 7.1  | 65.3 | 25.1 |
| 10  | 18.0 | 12.4 | 10.7 | 8.1  | 7.7  | 13.7 | 9.2  | 32.5 | 26.2 | 38.6 | 37.6 | 19.0 | 17.5 | 13.9 | 13.8 | 21.3 | 13.7 | 24.6 | 7.8  | 7.7  | 8.7  | 9.7  | 13.8 | 11.3 | 7.7  | 38.6 | 16.6 |
| 11  | 12.6 | 9.9  | 9.2  | 9.1  | 11.6 | 11.1 | 28.5 | 16.7 | 27.3 | 37.0 | 40.3 | 43.9 | 26.3 | 22.4 | 12.6 | 11.9 | 36.4 | 19.3 | 14.0 | 30.8 | 14.2 | 18.3 | 41.1 | 12.7 | 9.1  | 43.9 | 21.6 |
| 12  | 24.6 | 11.6 | 19.8 | 13.3 | 16.0 | 20.0 | 37.3 | 30.1 | 12.3 | 10.0 | 11.3 | 10.8 | 10.1 | 11.1 | 10.5 | 10.0 | 10.5 | 10.3 | 12.2 | 9.7  | 9.0  | 9.5  | 11.6 | 16.1 | 9.0  | 37.3 | 14.5 |
| 13  | 15.2 | 11.3 | 14.0 | 15.4 | 9.8  | 10.4 | 12.9 | 19.4 | 37.5 | 10.3 | 10.5 | 13.8 | 10.8 | 12.2 | 9.7  | 9.3  | 10.4 | 10.8 | 9.8  | 11.0 | 9.4  | 9.5  | 11.8 | 17.2 | 9.3  | 37.5 | 13.0 |
| 14  | 17.6 | 32.8 | 26.7 | 38.4 | 30.1 | 22.4 | 22.6 | 40.2 | 40.3 | 9.8  | 9.2  | 15.0 | 20.1 | 28.0 | 19.3 | 12.6 | 8.5  | 8.4  | 8.9  | 13.1 | 18.9 | 50.3 | 31.8 | 17.5 | 8.4  | 50.3 | 22.6 |
| 15  | 19.3 | 51.3 | 17.8 | 13.1 | 19.6 | 31.8 | 28.4 | 28.5 | 23.1 | 21.3 | 31.7 | 31.9 | 21.5 | 18.4 | 19.4 | 18.6 | 12.9 | 10.4 | 24.9 | 17.4 | 30.5 | 25.8 | 39.8 | 41.0 | 10.4 | 51.3 | 24.9 |
| 16  | 28.6 | 39.6 | 13.0 | 25.3 | 28.1 | 17.9 | 23.8 | 19.6 | 18.3 | 37.7 | 21.5 | 24.3 | 20.3 | 15.7 | 16.6 | 18.5 | 11.3 | 14.2 | 16.8 | 9.9  | 15.2 | 28.9 | 23.4 | 20.9 | 9.9  | 39.6 | 21.2 |
| 17  | 19.1 | 7.4  | 6.0  | 9.6  | 41.2 | 21.7 | 10.0 | 25.7 | 34.2 | 28.9 | 53.8 | 44.3 | 32.2 | 32.8 | 14.0 | 10.5 | 9.4  | 10.1 | 14.2 | 25.7 | 30.9 | 56.2 | 46.1 | 36.5 | 6.0  | 56.2 | 25.9 |
| 18  | 29.6 | 65.2 | 16.7 | 19.9 | 26.6 | 48.9 | 57.4 | 31.1 | 23.0 | 28.8 | 23.6 | 25.6 | 29.7 | 46.8 | 21.5 | 10.4 | 12.3 | 11.9 | 16.0 | 15.8 | 56.2 | 24.9 | 58.0 | 62.0 | 10.4 | 65.2 | 31.7 |
| 19  | 63.1 | 9.7  | 11.5 | 14.1 | 9.4  | 9.2  | 9.4  | 9.2  | 8.7  | 8.9  | 8.9  | 9.2  | 8.4  | 8.8  | 9.2  | 10.1 | 10.2 | 8.9  | 8.1  | 8.3  | 10.2 | 9.7  | 9.6  | 10.2 | 8.1  | 63.1 | 11.8 |
| 20  | 9.9  | 11.3 | 12.0 | 14.2 | 15.5 | 23.0 | 15.8 | 45.1 | 30.9 | 22.4 | 24.9 | 27.1 | 36.6 | 16.1 | 12.0 | 13.8 | 9.4  | 9.5  | 10.1 | 9.2  | 11.5 | 15.3 | 21.8 | 15.8 | 9.2  | 45.1 | 18.0 |
| 21  | 30.7 | 21.7 | 22.5 | 18.2 | 13.0 | 12.7 | 14.0 | 12.6 | 14.4 | 15.0 | 20.3 | 19.4 | 23.7 | 23.3 | 21.1 | 22.3 | 20.2 | 14.4 | 20.7 | 60.0 | 33.0 | 26.9 | 10.6 | 8.3  | 8.3  | 60.0 | 20.8 |
| 22  | 11.5 | 14.3 | 6.9  | 8.5  | 10.9 | 44.3 | 16.9 | 41.5 | 25.7 | 22.3 | 22.7 | 18.8 | 20.8 | 16.8 | 16.8 | 15.7 | 17.6 | 33.2 | 16.9 | 11.0 | 9.5  | 9.0  | 12.6 | 12.3 | 6.9  | 44.3 | 18.2 |
| 23  | 6.7  | 8.4  | 8.6  | 8.4  | 10.5 | 13.8 | 13.4 | 56.2 | 46.7 | 29.2 | 28.7 | 33.7 | 40.5 | 33.7 | 50.5 | 21.7 | 27.7 | 25.6 | 11.8 | 7.1  | 6.9  | 30.3 | 10.4 | 11.0 | 6.7  | 56.2 | 22.6 |
| 24  | 7.4  | 6.4  | 18.5 | 17.4 | 21.9 | 14.1 | 9.4  | 47.8 | 29.0 | 37.4 | 22.0 | 33.3 | 41.6 | 43.8 | 52.5 | 28.8 | 36.8 | 43.8 | 16.9 | 14.9 | 13.7 | 22.5 | 6.7  | 7.7  | 6.4  | 52.5 | 24.8 |
| 25  | 7.2  | 9.4  | 25.1 | 12.4 | 5.3  | 14.2 | 60.9 | 63.1 | 20.8 | 50.3 | 37.1 | 30.7 | 22.8 | 22.8 | 16.9 | 24.5 | 19.3 | 19.0 | 15.6 | 10.7 | 19.4 | 26.6 | 11.9 | 11.8 | 5.3  | 63.1 | 23.2 |
| 26  | 13.9 | 12.4 | 7.8  | 14.2 | 9.3  | 11.8 | 10.8 | 16.9 | 10.5 | 13.0 | 12.9 | 16.4 | 20.9 | 15.1 | 15.6 | 14.8 | 11.8 | 14.4 | 49.7 | 17.6 | 7.5  | 8.5  | 21.9 | 63.3 | 7.5  | 63.3 | 17.1 |
| 27  | 49.8 | 23.2 | 17.9 | 11.4 | 7.5  | 11.8 | 13.6 | 42.6 | 23.2 | 25.5 | 16.9 | 16.2 | 29.9 | 41.4 | 42.7 | 19.7 | 10.3 | 8.9  | 9.6  | 13.6 | 29.4 | 48.0 | 28.3 | 24.8 | 7.5  | 49.8 | 23.6 |
| 28  | 26.9 | 43.9 | 47.9 | 43.4 | 55.1 | 48.2 | 54.3 | 45.3 | 43.1 | 14.4 | 21.9 | 16.0 | 16.6 | 15.8 | 9.8  | 11.6 | 10.8 | 10.8 | 9.6  | 10.1 | 10.0 | 8.9  | 9.0  | 15.9 | 8.9  | 55.1 | 25.0 |
| 29  | 18.7 | 15.6 | 51.3 | 33.6 | 8.6  | 16.7 | 26.7 | 36.7 | 13.4 | 8.7  | 8.9  | 9.6  | 9.5  | 8.6  | 8.8  | 9.5  | 9.4  | 9.5  | 8.9  | 9.4  | 9.2  | 8.8  | 10.5 | 14.5 | 8.6  | 51.3 | 15.2 |
| 30  | 14.9 | 12.4 | 28.9 | 25.7 | 45.5 | 20.5 | 17.7 | 49.6 | 30.6 | 9.8  | 9.8  | 9.4  | 9.5  | 9.9  | 10.5 | 9.4  | 8.6  | 8.8  | 8.4  | 9.1  | 10.1 | 16.1 | 17.7 | 35.5 | 8.4  | 49.6 | 17.9 |
| Min | 6.7  | 5.7  | 6.0  | 7.9  | 5.3  | 7.8  | 9.2  | 9.2  | 8.7  | 8.7  | 8.9  | 9.2  | 8.4  | 8.6  | 8.8  | 9.3  | 8.5  | 7.4  | 7.1  | 7.1  | 5.3  | 6.4  | 6.7  | 7.7  | 5.3  |      |      |
| Max | 65.3 | 65.2 | 51.3 | 43.4 | 55.1 | 48.9 | 60.9 | 63.1 | 46.7 | 50.3 | 54.7 | 55.5 | 63.1 | 66.5 | 55.2 | 40.4 | 36.8 | 43.8 | 59.2 | 60.0 | 56.2 | 56.2 | 58.0 | 63.3 | 66.5 |      |      |
| Avg | 20.5 | 18.4 | 18.6 | 18.4 | 19.3 | 21.0 | 24.6 | 30.2 | 24.8 | 23.6 | 27.0 | 24.7 | 23.8 | 22.7 | 20.5 | 17.6 | 15.7 | 15.3 | 16.3 | 16.0 | 17.3 | 19.4 | 19.9 | 19.5 |      |      | 20.6 |

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: Desert Hot Springs (data subject to change)  
Month: September  
Year: 2004  
Time Zone: PST

Validation Level: B  
Printout Date: 02-01-2005  
Printout Time: 08:53:52  
Output File Name: DHSB0904.9

| 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   | 7.0  | 7.1  | 8.6  | 8.0  | 8.2  | 8.8  | 6.9  | 9.8  | 12.4 | 12.8 | 14.6 | 13.8 | 13.5 | 15.9 | 16.5 | 15.8 | 16.8 | 18.2 | 25.2 | 25.5 | 13.4 | 6.7  | 6.8  | 5.3  | 5.3  | 25.5 | 12.4 |
| 2   | 9.2  | 8.4  | 7.6  | 7.4  | 7.8  | 6.2  | 9.0  | 9.1  | 10.4 | 9.0  | 26.1 | 30.4 | 29.2 | 32.1 | 30.0 | 30.6 | 31.7 | 37.0 | 37.7 | 35.3 | 38.1 | 37.9 | 37.3 | 35.6 | 6.2  | 38.1 | 23.0 |
| 3   | 33.9 | 31.1 | 30.2 | 30.2 | 26.5 | 7.4  | 9.0  | 14.5 | 25.8 | 25.5 | 27.8 | 34.0 | 40.2 | 39.4 | 41.6 | 38.7 | 38.2 | 40.7 | 41.0 | 26.3 | 28.3 | 25.3 | 19.3 | 12.7 | 7.4  | 41.6 | 28.7 |
| 4   | 9.0  | 10.8 | 16.6 | 14.4 | 12.3 | 16.1 | 27.7 | 27.0 | 25.3 | 22.4 | 20.1 | 16.4 | 15.7 | 15.3 | 15.8 | 12.8 | 14.3 | 11.7 | 9.9  | 7.5  | 7.9  | 8.7  | 11.6 | 11.6 | 7.5  | 27.7 | 15.0 |
| 5   | 10.1 | 12.0 | 11.7 | 10.8 | 10.3 | 10.9 | 8.0  | 9.8  | 8.4  | 11.1 | 9.0  | 13.4 | 20.1 | 16.3 | 17.2 | 14.0 | 8.2  | 6.2  | 5.4  | 10.6 | 9.4  | 9.1  | 12.9 | 11.4 | 5.4  | 20.1 | 11.1 |
| 6   | 9.5  | 11.8 | 11.2 | 12.6 | 7.6  | 7.0  | 7.9  | 4.1  | 5.5  | 10.1 | 13.8 | 15.2 | 18.9 | 16.7 | 13.1 | 13.2 | 12.5 | 9.4  | 17.0 | 15.8 | 15.9 | 10.1 | 10.8 | 8.7  | 4.1  | 18.9 | 11.6 |
| 7   | 8.6  | 9.1  | 8.1  | 7.3  | 6.7  | 5.9  | 5.8  | 4.6  | 7.1  | 10.8 | 13.7 | 16.8 | 18.1 | 26.1 | 18.7 | 15.1 | 14.4 | 14.4 | 21.2 | 20.0 | 16.5 | 10.2 | 10.6 | 10.0 | 4.6  | 26.1 | 12.5 |
| 8   | 12.4 | 12.6 | 16.4 | 15.7 | 9.6  | 7.7  | 7.8  | 11.1 | 13.7 | 12.7 | 10.5 | 18.4 | 18.0 | 17.6 | 17.8 | 14.4 | 14.5 | 11.5 | 5.5  | 5.2  | 7.0  | 4.9  | 3.4  | 18.2 | 3.4  | 18.4 | 11.9 |
| 9   | 6.5  | 7.8  | 5.7  | 7.7  | 6.0  | 5.3  | 6.4  | 7.7  | 6.2  | 9.9  | 8.0  | 9.7  | 14.6 | 15.5 | 15.7 | 12.8 | 14.9 | 9.4  | 8.6  | 7.5  | 4.5  | 5.9  | 8.2  | 8.3  | 4.5  | 15.7 | 8.9  |
| 10  | 8.0  | 8.8  | 8.3  | 8.7  | 9.5  | 7.5  | 8.4  | 6.2  | 7.4  | 12.8 | 14.8 | 16.3 | 17.5 | 20.8 | 21.9 | 15.0 | 10.4 | 20.1 | 18.4 | 14.6 | 12.6 | 8.2  | 8.6  | 8.1  | 6.2  | 21.9 | 12.2 |
| 11  | 6.4  | 7.3  | 9.5  | 8.4  | 9.6  | 8.1  | 7.4  | 7.2  | 8.5  | 14.4 | 10.6 | 14.0 | 14.4 | 16.7 | 21.2 | 24.9 | 15.2 | 16.1 | 21.6 | 9.8  | 8.2  | 8.1  | 7.6  | 8.1  | 6.4  | 24.9 | 11.8 |
| 12  | 6.7  | 7.9  | 8.0  | 8.2  | 13.9 | 12.6 | 7.3  | 25.4 | 29.9 | 33.2 | 29.5 | 32.5 | 35.6 | 37.4 | 36.3 | 34.6 | 35.0 | 32.5 | 32.9 | 35.8 | 33.6 | 31.1 | 27.8 | 24.5 | 6.7  | 37.4 | 25.5 |
| 13  | 27.2 | 29.9 | 27.9 | 31.5 | 30.5 | 29.4 | 37.1 | 14.9 | 25.2 | 28.1 | 29.3 | 26.7 | 30.8 | 32.4 | 34.4 | 36.0 | 36.4 | 36.7 | 34.7 | 24.0 | 25.9 | 30.8 | 28.1 | 29.9 | 14.9 | 37.1 | 29.9 |
| 14  | 16.3 | 12.1 | 11.3 | 10.6 | 8.4  | 6.6  | 6.3  | 8.8  | 23.5 | 24.6 | 24.3 | 25.1 | 17.9 | 16.4 | 19.7 | 20.5 | 21.9 | 21.5 | 20.1 | 13.7 | 12.1 | 5.1  | 5.8  | 6.3  | 5.1  | 25.1 | 14.9 |
| 15  | 6.3  | 3.7  | 4.2  | 5.5  | 5.3  | 5.5  | 5.1  | 6.2  | 8.1  | 10.9 | 12.4 | 13.9 | 14.3 | 17.0 | 18.2 | 15.3 | 15.0 | 12.6 | 14.4 | 19.1 | 12.7 | 10.4 | 4.2  | 5.3  | 3.7  | 19.1 | 10.2 |
| 16  | 3.5  | 4.2  | 5.3  | 3.3  | 4.1  | 5.2  | 2.9  | 7.3  | 9.7  | 9.6  | 14.8 | 15.7 | 16.5 | 18.6 | 16.4 | 15.4 | 14.6 | 13.3 | 18.6 | 19.1 | 13.0 | 8.3  | 7.2  | 7.1  | 2.9  | 19.1 | 10.6 |
| 17  | 8.8  | 7.8  | 7.9  | 6.7  | 4.7  | 11.1 | 14.4 | 7.6  | 15.4 | 13.7 | 12.0 | 11.1 | 13.9 | 23.6 | 29.9 | 29.2 | 27.2 | 26.5 | 19.9 | 21.4 | 17.8 | 15.2 | 14.0 | 5.6  | 4.7  | 29.9 | 15.2 |
| 18  | 6.9  | 6.8  | 8.3  | 7.1  | 8.2  | 8.4  | 7.0  | 7.6  | 10.7 | 11.6 | 15.1 | 14.8 | 14.4 | 22.6 | 28.9 | 34.6 | 33.5 | 29.6 | 41.0 | 37.5 | 30.3 | 30.3 | 18.5 | 11.3 | 6.8  | 41.0 | 18.5 |
| 19  | 35.6 | 38.2 | 36.8 | 29.5 | 38.7 | 43.9 | 44.8 | 48.9 | 49.1 | 52.0 | 52.4 | 50.7 | 52.5 | 52.6 | 45.5 | 51.5 | 46.9 | 47.6 | 52.9 | 50.5 | 44.0 | 44.7 | 43.0 | 39.0 | 29.5 | 52.9 | 45.5 |
| 20  | 36.5 | 36.1 | 29.4 | 25.5 | 13.7 | 14.1 | 9.3  | 11.1 | 22.8 | 20.4 | 24.3 | 23.5 | 21.9 | 28.0 | 27.0 | 25.6 | 26.1 | 24.0 | 24.3 | 21.6 | 14.5 | 11.9 | 20.8 | 27.0 | 9.3  | 36.5 | 22.5 |
| 21  | 19.5 | 20.1 | 19.2 | 18.3 | 29.0 | 32.7 | 35.9 | 32.8 | 32.2 | 33.5 | 28.9 | 23.2 | 22.3 | 25.5 | 26.2 | 27.6 | 22.2 | 23.0 | 11.3 | 8.4  | 9.7  | 9.8  | 12.6 | 9.1  | 8.4  | 35.9 | 22.2 |
| 22  | 7.8  | 8.7  | 10.5 | 10.8 | 8.6  | 8.4  | 5.3  | 9.9  | 15.1 | 20.8 | 22.2 | 25.8 | 26.3 | 27.0 | 31.5 | 26.3 | 19.6 | 13.4 | 10.4 | 9.7  | 11.4 | 9.4  | 11.0 | 9.6  | 5.3  | 31.5 | 15.0 |
| 23  | 11.2 | 10.5 | 10.8 | 11.0 | 13.8 | 9.6  | 7.8  | 6.0  | 7.7  | 9.6  | 12.9 | 18.3 | 16.0 | 13.8 | 12.6 | 12.8 | 7.5  | 5.3  | 7.3  | 9.1  | 11.9 | 5.8  | 7.7  | 6.8  | 5.3  | 18.3 | 10.2 |
| 24  | 9.8  | 11.9 | 13.1 | 14.4 | 10.6 | 12.1 | 13.9 | 12.0 | 8.4  | 11.4 | 14.5 | 18.6 | 18.6 | 14.1 | 13.9 | 13.0 | 8.9  | 9.6  | 13.8 | 13.9 | 11.5 | 8.8  | 11.3 | 10.2 | 8.4  | 18.6 | 12.4 |
| 25  | 10.5 | 11.1 | 10.8 | 15.8 | 17.0 | 13.1 | 6.9  | 5.7  | 6.9  | 8.5  | 12.5 | 17.5 | 20.0 | 19.0 | 16.5 | 16.4 | 13.5 | 20.0 | 18.2 | 19.3 | 14.1 | 9.0  | 11.4 | 11.9 | 5.7  | 20.0 | 13.6 |
| 26  | 13.6 | 11.1 | 11.8 | 11.1 | 10.3 | 12.7 | 12.0 | 9.0  | 17.9 | 19.0 | 18.0 | 16.8 | 15.8 | 15.3 | 13.5 | 14.0 | 12.6 | 7.8  | 10.3 | 8.7  | 9.3  | 8.8  | 7.9  | 8.8  | 7.8  | 19.0 | 12.3 |
| 27  | 11.6 | 14.5 | 7.3  | 8.6  | 9.2  | 9.5  | 6.4  | 5.4  | 6.7  | 9.9  | 14.9 | 17.8 | 22.0 | 15.9 | 20.2 | 25.1 | 24.6 | 21.5 | 23.0 | 22.5 | 16.5 | 9.3  | 20.0 | 11.2 | 5.4  | 25.1 | 14.7 |
| 28  | 12.8 | 6.2  | 7.4  | 8.1  | 8.3  | 6.4  | 7.3  | 8.0  | 20.7 | 18.3 | 24.2 | 27.3 | 25.2 | 32.0 | 33.0 | 33.5 | 33.9 | 32.4 | 33.4 | 30.8 | 33.1 | 31.3 | 25.3 | 25.3 | 6.2  | 33.9 | 21.8 |
| 29  | 23.2 | 17.9 | 12.6 | 26.5 | 30.0 | 24.1 | 11.9 | 11.1 | 33.1 | 40.4 | 44.8 | 42.7 | 42.3 | 36.8 | 37.6 | 37.8 | 36.7 | 33.7 | 31.4 | 31.1 | 32.2 | 26.6 | 21.6 | 21.3 | 11.1 | 44.8 | 29.5 |
| 30  | 22.8 | 27.5 | 10.7 | 10.8 | 10.3 | 9.8  | 12.6 | 6.8  | 21.7 | 21.6 | 24.4 | 24.5 | 25.3 | 24.1 | 26.4 | 28.6 | 29.6 | 29.6 | 30.2 | 22.9 | 15.6 | 8.9  | 10.8 | 7.6  | 6.8  | 30.2 | 19.3 |
| Min | 3.5  | 3.7  | 4.2  | 3.3  | 4.1  | 5.2  | 2.9  | 4.1  | 5.5  | 8.5  | 8.0  | 9.7  | 13.5 | 13.8 | 12.6 | 12.8 | 7.5  | 5.3  | 5.4  | 5.2  | 4.5  | 4.9  | 3.4  | 5.3  | 2.9  |      |      |
| Max | 36.5 | 38.2 | 36.8 | 31.5 | 38.7 | 43.9 | 44.8 | 48.9 | 49.1 | 52.0 | 52.4 | 50.7 | 52.5 | 52.6 | 45.5 | 51.5 | 46.9 | 47.6 | 52.9 | 50.5 | 44.0 | 44.7 | 43.0 | 39.0 | 52.9 |      |      |
| Avg | 13.7 | 13.8 | 12.9 | 13.2 | 13.0 | 12.2 | 12.0 | 11.9 | 16.5 | 18.3 | 20.0 | 21.5 | 22.4 | 23.5 | 23.9 | 23.5 | 21.9 | 21.2 | 22.0 | 19.9 | 17.7 | 15.0 | 14.9 | 13.9 |      |      | 17.4 |

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: Battery Voltage  
Units: volts  
Channel: 11

Site: Desert Hot Springs (data subject to change)  
Month: September  
Year: 2004  
Time Zone: PST

Validation Level: B  
Printout Date: 02-01-2005  
Printout Time: 08:53:53  
Output File Name: DHSB0904.11

| Day | Hour Ending |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Min  | Max  | Avg  |
|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     | 1           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |      |      |      |
| 1   | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.2 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 12.8 | 12.6 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.8 | 12.9 | 12.3 |
| 2   | 12.0        | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 12.3 | 12.6 | 12.8 | 13.0 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 13.0 | 12.1 |
| 3   | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.3 | 12.6 | 12.7 | 12.9 | 13.1 | 13.2 | 13.1 | 12.9 | 12.6 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 11.8 | 13.2 | 12.3 |
| 4   | 12.1        | 12.1 | 12.0 | 12.0 | 12.0 | 12.1 | 12.4 | 12.7 | 12.9 | 13.2 | 12.4 | 13.1 | 13.1 | 12.8 | 12.6 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 13.2 | 12.4 |
| 5   | 11.9        | 12.0 | 12.0 | 11.9 | 11.9 | 12.0 | 12.4 | 12.7 | 12.9 | 13.2 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 13.2 | 12.2 |
| 6   | 11.9        | 11.9 | 11.9 | 11.8 | 11.8 | 11.9 | 12.3 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 13.0 | 12.2 |
| 7   | 11.9        | 11.9 | 11.8 | 11.8 | 11.8 | 11.9 | 12.3 | 12.6 | 12.7 | 12.8 | 13.0 | 12.6 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 13.0 | 12.2 |
| 8   | 11.8        | 11.8 | 11.7 | 11.8 | 11.8 | 11.8 | 12.0 | 12.5 | 12.6 | 12.8 | 12.9 | 13.0 | 12.9 | 12.8 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 11.7 | 13.0 | 12.3 |
| 9   | 12.1        | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.3 | 12.4 | 12.3 | 12.3 | 12.5 | 12.6 | 12.4 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 11.6 | 11.6 | 12.6 | 12.1 |
| 10  | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.1 | 12.5 | 12.6 | 12.7 | 12.7 | 12.6 | 12.8 | 12.8 | 12.6 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.1 | 11.8 | 12.8 | 12.3 |
| 11  | 12.1        | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 12.0 | 12.3 | 12.7 | 12.7 | 12.9 | 12.3 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 12.9 | 12.1 |
| 12  | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.3 | 12.6 | 12.7 | 12.9 | 13.1 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 13.1 | 12.1 |
| 13  | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 12.3 | 12.6 | 12.7 | 12.9 | 13.1 | 12.4 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 13.1 | 12.2 |
| 14  | 11.9        | 11.8 | 11.8 | 11.8 | 11.7 | 11.8 | 12.3 | 12.7 | 12.9 | 13.3 | 13.4 | 12.4 | 12.4 | 12.3 | 12.2 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.8 | 11.8 | 11.7 | 11.7 | 13.4 | 12.2 |
| 15  | 11.7        | 11.7 | 11.7 | 11.7 | 11.6 | 11.7 | 12.2 | 12.6 | 12.7 | 13.0 | 13.1 | 13.1 | 12.9 | 12.8 | 12.6 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 11.6 | 13.1 | 12.3 |
| 16  | 12.1        | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.4 | 12.7 | 13.0 | 12.6 | 12.4 | 12.5 | 12.3 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 13.0 | 12.2 |
| 17  | 11.9        | 11.9 | 11.8 | 11.8 | 11.8 | 11.8 | 12.2 | 12.6 | 12.7 | 12.9 | 13.2 | 12.4 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 13.2 | 12.2 |
| 18  | 11.8        | 11.8 | 11.8 | 11.8 | 11.7 | 11.8 | 12.4 | 12.7 | 12.9 | 13.1 | 12.6 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 11.7 | 13.1 | 12.1 |
| 19  | 11.8        | 11.7 | 11.7 | 11.7 | 11.7 | 11.8 | 12.3 | 12.7 | 13.0 | 13.5 | 13.5 | 12.7 | 13.4 | 13.1 | 12.7 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 11.7 | 13.5 | 12.4 |
| 20  | 12.0        | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.5 | 12.9 | 13.3 | 13.3 | 12.8 | 12.8 | 13.4 | 13.1 | 12.3 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 13.4 | 12.4 |
| 21  | 12.1        | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.6 | 12.9 | 13.3 | 13.5 | 12.6 | 12.6 | 12.4 | 13.1 | 12.7 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 13.5 | 12.4 |
| 22  | 12.0        | 12.0 | 11.9 | 11.9 | 11.9 | 12.0 | 12.6 | 13.0 | 13.4 | 12.7 | 12.6 | 12.6 | 12.4 | 12.3 | 12.4 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 13.4 | 12.3 |
| 23  | 11.9        | 11.9 | 11.8 | 11.8 | 11.8 | 11.9 | 12.4 | 12.8 | 12.9 | 13.1 | 12.4 | 12.3 | 12.9 | 12.8 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 13.1 | 12.3 |
| 24  | 11.9        | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 12.4 | 12.8 | 12.9 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 12.9 | 12.1 |
| 25  | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.3 | 12.6 | 12.7 | 12.8 | 13.0 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 13.0 | 12.2 |
| 26  | 11.8        | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 12.3 | 12.6 | 12.7 | 12.9 | 13.1 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 13.1 | 12.2 |
| 27  | 11.8        | 11.8 | 11.8 | 11.7 | 11.7 | 11.8 | 12.3 | 12.7 | 12.7 | 12.9 | 13.2 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 11.7 | 13.2 | 12.2 |
| 28  | 11.8        | 11.8 | 11.8 | 11.7 | 11.7 | 11.8 | 12.4 | 12.8 | 13.0 | 13.3 | 13.2 | 12.4 | 12.3 | 12.3 | 12.5 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.7 | 13.3 | 12.2 |
| 29  | 11.9        | 11.8 | 11.8 | 11.8 | 11.7 | 11.8 | 12.4 | 12.8 | 13.2 | 13.6 | 13.5 | 12.7 | 12.6 | 13.2 | 12.7 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 11.7 | 13.6 | 12.4 |
| 30  | 12.0        | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 12.4 | 12.9 | 13.4 | 13.1 | 12.9 | 12.6 | 13.3 | 13.2 | 12.7 | 12.4 | 12.3 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 11.9 | 13.4 | 12.4 |
| Min | 11.7        | 11.7 | 11.7 | 11.7 | 11.6 | 11.7 | 12.0 | 12.3 | 12.3 | 12.3 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 11.6 | 11.6 |      |      |
| Max | 12.1        | 12.1 | 12.0 | 12.0 | 12.0 | 12.1 | 12.6 | 13.0 | 13.4 | 13.6 | 13.5 | 13.2 | 13.4 | 13.2 | 12.7 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 |      | 13.6 |      |
| Avg | 11.9        | 11.9 | 11.9 | 11.8 | 11.8 | 11.9 | 12.3 | 12.7 | 12.9 | 13.0 | 12.9 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 |      |      |      | 12.2 |

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

#### Missing Data Codes

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-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