

APL Weather Summary - June 2003

| Monthly Observation Summary - June 2003   |                    |                    |                   |                     |                    |                          |                    |            |            |                      |                      |                |                |
|---|--------------------|--------------------|-------------------|---------------------|--------------------|--------------------------|--------------------|------------|------------|----------------------|----------------------|----------------|----------------|
| Station "APLMD" (JHU/Applied Physics Laboratory), Laurel, MD (39°10'02"N, 76°53'52"W, 438 ft) |                    |                    |                   |                     |                    |                          |                    |            |            |                      |                      |                |                |
| Day   | Max. Temp.<br>(°F) | Min. Temp.<br>(°F) | Rain Day<br>(in.) | Rain Month<br>(in.) | Rain Year<br>(in.) | Max. Rn Rate<br>(in./hr) | Peak Gust<br>(mph) | Max. Light | Last Light | Min. Press.<br>(in.) | Max. Press.<br>(in.) | Min. RH<br>(%) | Max. RH<br>(%) |
| 1   | 65                 | 55                 | 0.00              | 0.00                | 25.91              | 0.00                     | 38                 | 96         | 20:07      | 29.36                | 29.90                | 51             | 100            |
| 2   | 70                 | 48                 | 0.00              | 0.00                | 25.91              | 0.00                     | 20                 | 91         | 20:09      | 29.90                | 30.04                | 31             | 72             |
| 3   | 64                 | 54                 | 0.35              | 0.35                | 26.26              | 0.24                     | 16                 | 51         | 18:22      | 29.88                | 30.05                | 53             | 100            |
| 4   | 58                 | 51                 | 0.33              | 0.68                | 26.59              | 0.28                     | 14                 | 50         | 19:59      | 29.82                | 29.90                | 97             | 100            |
| 5   | 73                 | 56                 | 0.06              | 0.74                | 26.65              | 0.12                     | 25                 | 96         | 20:06      | 29.82                | 29.93                | 37             | 100            |
| 6   | 76                 | 58                 | 0.00              | 0.74                | 26.65              | 0.00                     | 17                 | 98         | 20:07      | 29.93                | 30.05                | 42             | 81             |
| 7   | 69                 | 60                 | 1.93              | 2.67                | 28.58              | 1.12                     | 17                 | 22         | 20:14      | 29.76                | 30.04                | 80             | 100            |
| 8   | 69                 | 58                 | 0.00              | 2.67                | 28.58              | 0.00                     | 15                 | 91         | 19:41      | 29.84                | 29.91                | 70             | 100            |
| 9   | 79                 | 60                 | 0.04              | 2.71                | 28.62              | 0.04                     | 17                 | 98         | 20:17      | 29.80                | 29.98                | 40             | 100            |
| 10  | 81                 | 59                 | 0.00              | 2.71                | 28.62              | 0.00                     | 19                 | 96         | 20:17      | 29.98                | 30.09                | 40             | 91             |
| 11  | 85                 | 63                 | 0.28              | 2.99                | 28.90              | 0.76                     | 39                 | 91         | 20:09      | 29.88                | 30.01                | 55             | 100            |
| 12  | 86                 | 67                 | 0.12              | 3.11                | 29.02              | 0.16                     | 29                 | 92         | 19:25      | 29.85                | 29.95                | 55             | 100            |
| 13  | 86                 | 69                 | 0.17              | 3.28                | 29.19              | 0.88                     | 30                 | 92         | 19:13      | 29.82                | 29.91                | 58             | 100            |
| 14  | 86                 | 67                 | 0.21              | 3.49                | 29.40              | 0.52                     | 24                 | 95         | 19:59      | 29.87                | 29.95                | 49             | 100            |
| 15  | 79                 | 65                 | 0.00              | 3.49                | 29.40              | 0.00                     | 9                  | 90         | 20:13      | 29.93                | 30.05                | 45             | 100            |
| 16  | 71                 | 59                 | 0.00              | 3.49                | 29.40              | 0.00                     | 16                 | 84         | 19:09      | 30.04                | 30.26                | 55             | 99             |
| 17  | 64                 | 57                 | 0.49              | 3.98                | 29.89              | 0.36                     | 12                 | 83         | 19:26      | 30.09                | 30.26                | 70             | 100            |
| 18  | 78                 | 58                 | 0.05              | 4.03                | 29.94              | 0.12                     | 11                 | 98         | 20:16      | 29.87                | 30.09                | 65             | 100            |
| 19  | 81                 | 62                 | 1.46              | 5.49                | 31.40              | 2.64                     | 34                 | 95         | 19:13      | 29.74                | 29.87                | 56             | 100            |
| 20  | 65                 | 59                 | 0.89              | 6.38                | 32.29              | 1.32                     | 22                 | 84         | 19:27      | 29.80                | 29.90                | 84             | 100            |
| 21  | 70                 | 54                 | 0.14              | 6.52                | 32.43              | 0.48                     | 25                 | 98         | 19:36      | 29.79                | 29.88                | 62             | 100            |
| 22  | 74                 | 57                 | 0.00              | 6.52                | 32.43              | 0.00                     | 25                 | 96         | 20:06      | 29.82                | 29.90                | 50             | 99             |
| 23  | 85                 | 63                 | 0.00              | 6.52                | 32.43              | 0.00                     | 20                 | 91         | 20:22      | 29.84                | 29.95                | 35             | 90             |
| 24  | 88                 | 68                 | 0.00              | 6.52                | 32.43              | 0.00                     | 14                 | 91         | 20:22      | 29.95                | 30.05                | 33             | 71             |
| 25  | 90                 | 68                 | 0.00              | 6.52                | 32.43              | 0.00                     | 14                 | 93         | 20:22      | 29.96                | 30.10                | 33             | 75             |
| 26  | 91                 | 73                 | 0.00              | 6.52                | 32.43              | 0.00                     | 15                 | 91         | 20:16      | 29.85                | 29.99                | 33             | 73             |
| 27  | 85                 | 69                 | 0.01              | 6.53                | 32.44              | 0.04                     | 21                 | 93         | 20:04      | 29.84                | 29.98                | 48             | 74             |
| 28  | 82                 | 63                 | 0.00              | 6.53                | 32.44              | 0.00                     | 12                 | 94         | 20:24      | 29.98                | 30.13                | 36             | 76             |
| 29  | 87                 | 65                 | 0.00              | 6.53                | 32.44              | 0.00                     | 12                 | 95         | 20:16      | 30.09                | 30.16                | 41             | 94             |
| 30  | 88                 | 71                 | 0.00              | 6.53                | 32.44              | 0.00                     | 17                 | 94         | 20:22      | 30.07                | 30.16                | 39             | 92             |
| Avg.  | 77.5               | 61.2               |                   |                     |                    |                          |                    |            |            |                      |                      |                |                |
| Max.  | 91                 |                    | 1.93              |                     |                    | 2.64                     | 39                 | 98         |            |                      | 30.26                | 97             | 100            |
| Min.  |                    | 48                 |                   |                     |                    |                          | 9                  | 22         |            | 29.36                |                      | 31             | 71             |

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