

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 395 ft. Lat: 33.6186° N Lon: -114.7142° W  
 Station: BLYTHE ASOS, CA US 23158

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0052       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 60            | 15.4 | 36             | 2.2  | 16        | 9                | 180            |                  | 29.29                | 8           | +0.01                  | 29.68                   | FM-15       | 0.00              | 29.71                     |
| 22   | 0152       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 60            | 15.5 | 41             | 5.0  | 23        | 6                | 170            |                  | 29.29                |             |                        | 29.69                   | FM-15       | 0.00              | 29.71                     |
| 22   | 0252       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 60            | 15.5 | 42             | 5.6  | 24        | 3                | 260            |                  | 29.30                |             |                        | 29.69                   | FM-15       | 0.00              | 29.72                     |
| 22   | 0352       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 60            | 15.3 | 41             | 5.0  | 23        | 3                | VRB            |                  | 29.30                | 3           | -0.01                  | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 22   | 0452       | 7            | CLR:00         | 10.00       |  | 77            | 25.0 | 56            | 13.4 | 37             | 2.8  | 24        | 7                | 360            |                  | 29.31                |             |                        | 29.71                   | FM-15       | 0.00              | 29.73                     |
| 22   | 0552       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 58            | 14.3 | 36             | 2.2  | 19        | 0                | 000            |                  | 29.33                |             |                        | 29.73                   | FM-15       | 0.00              | 29.75                     |
| 22   | 0652       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 60            | 15.8 | 38             | 3.3  | 18        | 0                | 000            |                  | 29.34                | 1           | -0.04                  | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 22   | 0752       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 63            | 17.3 | 41             | 5.0  | 17        | 3                | 220            |                  | 29.35                |             |                        | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 22   | 0852       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 | 66            | 18.8 | 45             | 7.2  | 17        | 6                | 210            |                  | 29.34                |             |                        | 29.73                   | FM-15       | 0.00              | 29.76                     |
| 22   | 0952       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 67            | 19.3 | 42             | 5.6  | 13        | 6                | VRB            |                  | 29.33                | 8           | +0.01                  | 29.72                   | FM-15       | 0.00              | 29.75                     |
| 22   | 1052       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 67            | 19.5 | 41             | 5.0  | 12        | 3                | 110            |                  | 29.31                |             |                        | 29.71                   | FM-15       | 0.00              | 29.73                     |
| 22   | 1152       | 7            | CLR:00         | 10.00       |  | 108           | 42.2 | 68            | 19.8 | 39             | 3.9  | 9         | 6                | 030            |                  | 29.29                |             |                        | 29.68                   | FM-15       | 0.00              | 29.71                     |
| 22   | 1252       | 7            | CLR:00         | 10.00       |  | 113           | 45.0 |               |      |                |      |           | 10               | 250            |                  | 29.26                | 8           | +0.07                  | 29.65                   | FM-15       | 0.00              | 29.68                     |
| 22   | 1352       | 7            | FEW:02 110     | 10.00       |  | 112           | 44.4 | 70            | 21.3 | 44             | 6.7  | 10        | 15               | 180            |                  | 29.23                |             |                        | 29.62                   | FM-15       | 0.00              | 29.65                     |
| 22   | 1452       | 7            | FEW:02 110     | 10.00       |  | 113           | 45.0 | 70            | 20.9 | 41             | 5.0  | 9         | 15               | 150            |                  | 29.20                |             |                        | 29.59                   | FM-15       | 0.00              | 29.62                     |
| 22   | 1552       | 7            | FEW:02 110     | 10.00       |  | 114           | 45.6 | 69            | 20.4 | 36             | 2.2  | 7         | 13               | 140            |                  | 29.17                | 6           | +0.09                  | 29.57                   | FM-15       | 0.00              | 29.59                     |
| 22   | 1652       | 7            | SCT:04 110     | 10.00       |  | 114           | 45.6 | 68            | 19.8 | 31             | -0.6 | 6         | 15               | 230            |                  | 29.16                |             |                        | 29.55                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1752       | 7            | FEW:02 110     | 10.00       |  | 112           | 44.4 | 66            | 19.1 | 28             | -2.2 | 5         | 15               | 240            |                  | 29.16                |             |                        | 29.55                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1852       | 7            | FEW:02 120     | 10.00       |  | 108           | 42.2 | 65            | 18.1 | 26             | -3.3 | 6         | 13               | 230            |                  | 29.16                | 5           | +0.01                  | 29.55                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1952       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 67            | 19.6 | 43             | 6.1  | 13        | 20               | 190            |                  | 29.18                |             |                        | 29.57                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2052       | 7            | CLR:00         | 10.00       |  | 99            | 37.2 | 67            | 19.5 | 46             | 7.8  | 16        | 21               | 210            |                  | 29.20                |             |                        | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 22   | 2152       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 | 65            | 18.4 | 43             | 6.1  | 16        | 14               | 200            |                  | 29.21                | 1           | -0.05                  | 29.61                   | FM-15       | 0.00              | 29.63                     |
| 22   | 2252       | 7            | CLR:00         | 10.00       |  | 95            | 35.0 | 64            | 17.7 | 40             | 4.4  | 15        | 15               | 190            |                  | 29.22                |             |                        | 29.61                   | FM-15       | 0.00              | 29.64                     |
| 22   | 2352       | 7            | CLR:00         | 10.00       |  | 91            | 32.8 | 63            | 17.1 | 41             | 5.0  | 17        | 10               | 180            |                  | 29.21                |             |                        | 29.60                   | FM-15       | 0.00              | 29.63                     |

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 Station: BLYTHE ASOS, CA US 23158

**Local Climatological Data**  
**Hourly Observations**  
**June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0052       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 63            | 17.1 | 43             | 6.1  | 20        | 11               | 190            |                  | 29.20                | 8           | +0.01                  | 29.59                   | FM-15       | 0.00              | 29.62                     |
| 23   | 0152       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 63            | 17.1 | 44             | 6.7  | 22        | 10               | 180            |                  | 29.19                |             |                        | 29.59                   | FM-15       | 0.00              | 29.61                     |
| 23   | 0252       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 61            | 16.3 | 41             | 5.0  | 20        | 13               | 190            |                  | 29.20                |             |                        | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 23   | 0352       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 60            | 15.5 | 39             | 3.9  | 20        | 9                | 190            |                  | 29.22                | 3           | -0.02                  | 29.61                   | FM-15       | 0.00              | 29.64                     |
| 23   | 0452       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 61            | 15.9 | 41             | 5.0  | 21        | 9                | 200            |                  | 29.25                |             |                        | 29.64                   | FM-15       | 0.00              | 29.67                     |
| 23   | 0552       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 62            | 16.5 | 42             | 5.6  | 21        | 10               | 200            |                  | 29.27                |             |                        | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 23   | 0652       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 69            | 20.6 | 59             | 15.0 | 39        | 17               | 190            |                  | 29.30                | 3           | -0.09                  | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 23   | 0752       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 73            | 22.6 | 64             | 17.8 | 42        | 21               | 200            |                  | 29.32                |             |                        | 29.71                   | FM-15       | 0.00              | 29.74                     |
| 23   | 0852       | 7            | CLR:00         | 8.00        |  | 93            | 33.9 | 73            | 22.7 | 63             | 17.2 | 37        | 21               | 180            | 26               | 29.32                |             |                        | 29.71                   | FM-15       | 0.00              | 29.74                     |
| 23   | 0952       | 7            | CLR:00         | 7.00        |  | 96            | 35.6 | 73            | 22.9 | 62             | 16.7 | 32        | 23               | 180            |                  | 29.31                | 0           | -0.01                  | 29.71                   | FM-15       | 0.00              | 29.73                     |
| 23   | 1035       | 7            | BKN:07 28      | 6.00        | HZ:7  FU  HZ                                     | 97            | 36.1 | 75            | 23.6 | 64             | 17.8 | 34        | 22               | 180            |                  | 29.31                |             |                        |                         | FM-16       |                   | 29.73                     |
| 23   | 1052       | 7            | BKN:07 29      | 6.00        | HZ:7  FU  HZ                                     | 98            | 36.7 | 75            | 23.8 | 64             | 17.8 | 33        | 24               | 170            | 32               | 29.31                |             |                        | 29.70                   | FM-15       | 0.00              | 29.73                     |
| 23   | 1103       | 7            | SCT:04 31      | 6.00        | HZ:7  FU  HZ                                     | 98            | 36.7 | 75            | 23.8 | 64             | 17.8 | 33        | 23               | 170            | 31               | 29.30                |             |                        |                         | FM-16       |                   | 29.72                     |
| 23   | 1152       | 7            | FEW:02 33      | 6.00        | HZ:7  FU  HZ                                     | 100           | 37.8 | 76            | 24.4 | 65             | 18.3 | 32        | 22               | 170            | 30               | 29.29                |             |                        | 29.69                   | FM-15       | 0.00              | 29.71                     |
| 23   | 1252       | 7            | FEW:02 34      | 6.00        | HZ:7  FU  HZ                                     | 102           | 38.9 | 74            | 23.5 | 61             | 16.1 | 26        | 22               | 170            | 31               | 29.27                | 8           | +0.04                  | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 23   | 1352       | 7            | FEW:02 34      | 7.00        |  | 103           | 39.4 | 75            | 23.7 | 61             | 16.1 | 25        | 24               | 170            |                  | 29.25                |             |                        | 29.65                   | FM-15       | 0.00              | 29.67                     |
| 23   | 1452       | 7            | FEW:02 38      | 7.00        |  | 104           | 40.0 | 74            | 23.3 | 59             | 15.0 | 23        | 24               | 170            |                  | 29.23                |             |                        | 29.62                   | FM-15       | 0.00              | 29.65                     |
| 23   | 1552       | 7            | FEW:02 44      | 8.00        |  | 103           | 39.4 | 73            | 22.6 | 57             | 13.9 | 22        | 24               | 170            |                  | 29.21                | 7           | +0.06                  | 29.60                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1652       | 7            | CLR:00         | 8.00        |  | 101           | 38.3 | 73            | 22.8 | 59             | 15.0 | 25        | 21               | 170            |                  | 29.20                |             |                        | 29.59                   | FM-15       | 0.00              | 29.62                     |
| 23   | 1752       | 7            | CLR:00         | 8.00        |  | 99            | 37.2 | 72            | 22.3 | 58             | 14.4 | 26        | 18               | 170            |                  | 29.20                |             |                        | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 23   | 1852       | 7            | CLR:00         | 8.00        |  | 95            | 35.0 | 72            | 22.2 | 60             | 15.6 | 31        | 14               | 170            |                  | 29.21                | 3           | -0.01                  | 29.61                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1952       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 70            | 21.2 | 58             | 14.4 | 32        | 15               | 180            |                  | 29.23                |             |                        | 29.62                   | FM-15       | 0.00              | 29.65                     |
| 23   | 2052       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 68            | 20.1 | 56             | 13.3 | 33        | 15               | 170            |                  | 29.25                |             |                        | 29.65                   | FM-15       | 0.00              | 29.67                     |
| 23   | 2152       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 68            | 19.8 | 56             | 13.3 | 35        | 13               | 190            |                  | 29.27                | 3           | -0.05                  | 29.66                   | FM-15       | 0.00              | 29.69                     |
| 23   | 2252       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 67            | 19.5 | 55             | 12.8 | 34        | 9                | 210            |                  | 29.27                |             |                        | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 23   | 2352       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 67            | 19.3 | 57             | 13.9 | 41        | 10               | 160            |                  | 29.27                |             |                        | 29.67                   | FM-15       | 0.00              | 29.69                     |

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|------|------------|--------------|----------------|-------------|----------------------------------|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             | AU   AW   MW                     | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6                                | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0052       | 7            | CLR:00         | 10.00       |                                  | 81            | 27.2 | 67            | 19.3 | 58             | 14.4 | 45        | 11               | 170            |                  | 29.27                | 0           | -0.00                  | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 24   | 0153       | 7            |                | 10.00       |                                  | 81            | 27.2 | 66            | 19.0 | 57             | 13.9 | 44        | 13               | 190            |                  | 29.27                |             |                        | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 24   | 0252       | 7            | CLR:00         | 10.00       |                                  | 80            | 26.7 | 65            | 18.2 | 55             | 12.8 | 42        | 9                | 160            |                  | 29.29                |             |                        | 29.68                   | FM-15       | 0.00              | 29.71                     |
| 24   | 0352       | 7            | CLR:00         | 10.00       |                                  | 77            | 25.0 | 64            | 17.9 | 56             | 13.3 | 48        | 5                | 180            |                  | 29.30                | 3           | -0.03                  | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 24   | 0452       | 7            | CLR:00         | 10.00       |                                  | 77            | 25.0 | 64            | 17.7 | 55             | 12.8 | 47        | 3                | 190            |                  | 29.33                |             |                        | 29.72                   | FM-15       | 0.00              | 29.75                     |
| 24   | 0552       | 7            | CLR:00         | 10.00       |                                  | 80            | 26.7 | 64            | 18.0 | 54             | 12.2 | 41        | 13               | 180            |                  | 29.35                |             |                        | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 24   | 0652       | 7            | CLR:00         | 10.00       |                                  | 84            | 28.9 | 66            | 18.7 | 54             | 12.2 | 36        | 15               | 190            |                  | 29.38                | 3           | -0.08                  | 29.78                   | FM-15       | 0.00              | 29.80                     |
| 24   | 0752       | 7            | CLR:00         | 10.00       |                                  | 87            | 30.6 | 66            | 19.0 | 53             | 11.7 | 31        | 13               | 170            |                  | 29.40                |             |                        | 29.80                   | FM-15       | 0.00              | 29.82                     |
| 24   | 0852       | 7            | CLR:00         | 10.00       |                                  | 90            | 32.2 | 66            | 18.8 | 50             | 10.0 | 25        | 13               | 170            |                  | 29.41                |             |                        | 29.80                   | FM-15       | 0.00              | 29.83                     |
| 24   | 0952       | 7            | CLR:00         | 10.00       |                                  | 93            | 33.9 | 66            | 18.9 | 48             | 8.9  | 21        | 15               | 180            | 24               | 29.41                | 0           | -0.02                  | 29.80                   | FM-15       | 0.00              | 29.83                     |
| 24   | 1052       | 7            | CLR:00         | 10.00       |                                  | 96            | 35.6 | 67            | 19.2 | 47             | 8.3  | 19        | 16               | 180            | 22               | 29.40                |             |                        | 29.79                   | FM-15       | 0.00              | 29.82                     |
| 24   | 1152       | 7            | CLR:00         | 10.00       |                                  | 99            | 37.2 | 67            | 19.5 | 46             | 7.8  | 16        | 13               | 190            |                  | 29.38                |             |                        | 29.78                   | FM-15       | 0.00              | 29.80                     |
| 24   | 1252       | 7            | CLR:00         | 10.00       |                                  | 101           | 38.3 | 68            | 19.9 | 46             | 7.8  | 15        | 14               | VRB            | 18               | 29.36                | 8           | +0.04                  | 29.76                   | FM-15       | 0.00              | 29.78                     |
| 24   | 1352       | 7            | CLR:00         | 10.00       |                                  | 103           | 39.4 | 68            | 20.2 | 46             | 7.8  | 15        | 9                | 150            |                  | 29.34                |             |                        | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 24   | 1452       | 7            | CLR:00         | 10.00       |                                  | 104           | 40.0 | 68            | 19.8 | 43             | 6.1  | 12        | 17               | 150            |                  | 29.32                |             |                        | 29.72                   | FM-15       | 0.00              | 29.74                     |
| 24   | 1552       | 7            | CLR:00         | 10.00       |                                  | 104           | 40.0 | 69            | 20.4 | 46             | 7.8  | 14        | 15               | 150            |                  | 29.29                | 8           | +0.07                  | 29.68                   | FM-15       | 0.00              | 29.71                     |
| 24   | 1652       | 7            | CLR:00         | 10.00       |                                  | 104           | 40.0 | 67            | 19.3 | 40             | 4.4  | 11        | 10               | 170            |                  | 29.27                |             |                        | 29.66                   | FM-15       | 0.00              | 29.69                     |
| 24   | 1752       | 7            | CLR:00         | 10.00       |                                  | 104           | 40.0 | 64            | 18.0 | 31             | -0.6 | 8         | 14               | 200            |                  | 29.27                |             |                        | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 24   | 1852       | 7            | CLR:00         | 10.00       |                                  | 98            | 36.7 | 64            | 18.0 | 39             | 3.9  | 13        | 7                | 170            |                  | 29.27                | 6           | +0.01                  | 29.67                   | FM-15       | 0.00              | 29.69                     |
| 24   | 1952       | 7            | CLR:00         | 10.00       |                                  | 97            | 36.1 | 63            | 17.4 | 36             | 2.2  | 12        | 11               | 240            |                  | 29.29                |             |                        | 29.68                   | FM-15       | 0.00              | 29.71                     |
| 24   | 2052       | 7            | CLR:00         | 10.00       |                                  | 93            | 33.9 | 63            | 17.3 | 40             | 4.4  | 16        | 6                | 240            |                  | 29.30                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 24   | 2152       | 7            | CLR:00         | 10.00       |                                  | 89            | 31.7 | 65            | 18.2 | 48             | 8.9  | 24        | 13               | 170            |                  | 29.32                | 1           | -0.05                  | 29.72                   | FM-15       | 0.00              | 29.74                     |
| 24   | 2252       | 7            | CLR:00         | 10.00       |                                  | 87            | 30.6 | 64            | 17.6 | 47             | 8.3  | 25        | 10               | 180            |                  | 29.33                |             |                        | 29.73                   | FM-15       | 0.00              | 29.75                     |
| 24   | 2352       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 64            | 17.8 | 47             | 8.3  | 24        | 10               | 210            |                  | 29.34                |             |                        | 29.73                   | FM-15       | 0.00              | 29.76                     |

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 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

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 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0052       | 7            |                |             |  | 57            | 13.9 | 53            | 11.5 | 49             | 9.4  | 74        | 6                | 040            |                  | 27.20                | 7           | +0.02                  | 29.82                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0152       | 7            |                |             |  | 56            | 13.3 | 51            | 10.7 | 47             | 8.3  | 72        | 5                | 040            |                  | 27.20                |             |                        | 29.82                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0252       | 7            |                |             |  | 53            | 11.7 | 49            | 9.6  | 46             | 7.8  | 77        | 6                | 050            |                  | 27.20                |             |                        | 29.82                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0352       | 7            |                |             |  | 53            | 11.7 | 48            | 9.1  | 44             | 6.7  | 72        | 7                | 050            |                  | 27.20                | 6           | +0.01                  | 29.83                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0452       | 7            |                |             |  | 53            | 11.7 | 48            | 8.8  | 43             | 6.1  | 69        | 7                | 040            |                  | 27.20                |             |                        | 29.83                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0552       | 7            |                |             |  | 59            | 15.0 | 52            | 11.1 | 46             | 7.8  | 62        | 6                | 060            |                  | 27.21                |             |                        | 29.84                   | FM-15       | 0.00              | 29.93                     |
| 22   | 0652       | 7            |                |             |  | 71            | 21.7 | 57            | 14.1 | 47             | 8.3  | 42        | 0                | 000            |                  | 27.21                | 3           | -0.01                  | 29.84                   | FM-15       | 0.00              | 29.93                     |
| 22   | 0752       | 7            |                |             |  | 81            | 27.2 | 59            | 15.2 | 43             | 6.1  | 26        | 0                | 000            |                  | 27.21                |             |                        | 29.83                   | FM-15       | 0.00              | 29.93                     |
| 22   | 0852       | 7            |                |             |  | 87            | 30.6 | 58            | 14.3 | 32             | 0.0  | 14        | 10               | 220            |                  | 27.20                |             |                        | 29.81                   | FM-15       | 0.00              | 29.92                     |
| 22   | 0952       | 7            |                |             |  | 91            | 32.8 | 60            | 15.3 | 33             | 0.6  | 13        | 17               | 190            |                  | 27.19                | 8           | +0.02                  | 29.80                   | FM-15       | 0.00              | 29.91                     |
| 22   | 1052       | 7            |                |             |  | 92            | 33.3 | 60            | 15.8 | 35             | 1.7  | 13        | 18               | 220            |                  | 27.18                |             |                        | 29.79                   | FM-15       | 0.00              | 29.90                     |
| 22   | 1152       | 7            |                |             |  | 94            | 34.4 | 62            | 16.7 | 38             | 3.3  | 14        | 16               | 210            |                  | 27.16                |             |                        | 29.78                   | FM-15       | 0.00              | 29.88                     |
| 22   | 1252       | 7            |                |             |  | 95            | 35.0 | 64            | 17.6 | 42             | 5.6  | 16        | 17               | 220            |                  | 27.15                | 8           | +0.04                  | 29.76                   | FM-15       | 0.00              | 29.87                     |
| 22   | 1352       | 7            |                |             |  | 95            | 35.0 | 64            | 18.0 | 44             | 6.7  | 17        | 15               | 220            | 25               | 27.14                |             |                        | 29.75                   | FM-15       | 0.00              | 29.86                     |
| 22   | 1452       | 7            |                |             |  | 96            | 35.6 | 66            | 18.6 | 46             | 7.8  | 18        | 18               | 210            | 24               | 27.12                |             |                        | 29.73                   | FM-15       | 0.00              | 29.84                     |
| 22   | 1552       | 7            |                |             |  | 93            | 33.9 | 64            | 17.9 | 45             | 7.2  | 19        | 8                | VRB            |                  | 27.12                | 6           | +0.03                  | 29.73                   | FM-15       | 0.00              | 29.84                     |
| 22   | 1652       | 7            |                |             |  | 87            | 30.6 | 64            | 18.0 | 50             | 10.0 | 28        | 18               | 210            |                  | 27.11                |             |                        | 29.74                   | FM-15       | 0.00              | 29.83                     |
| 22   | 1752       | 7            |                |             |  | 83            | 28.3 | 64            | 17.8 | 52             | 11.1 | 34        | 11               | 210            |                  | 27.11                |             |                        | 29.74                   | FM-15       | 0.00              | 29.83                     |
| 22   | 1852       | 7            |                |             |  | 75            | 23.9 | 62            | 16.8 | 54             | 12.2 | 48        | 9                | 210            |                  | 27.12                | 5           | +0.00                  | 29.73                   | FM-15       | 0.00              | 29.84                     |
| 22   | 1952       | 7            |                |             |  | 69            | 20.6 | 60            | 15.6 | 54             | 12.2 | 59        | 0                | 000            |                  | 27.13                |             |                        | 29.75                   | FM-15       | 0.00              | 29.85                     |
| 22   | 2052       | 7            |                |             |  | 65            | 18.3 | 56            | 13.6 | 50             | 10.0 | 59        | 3                | 360            |                  | 27.15                |             |                        | 29.76                   | FM-15       | 0.00              | 29.87                     |
| 22   | 2152       | 7            |                |             |  | 60            | 15.6 | 53            | 11.9 | 48             | 8.9  | 65        | 5                | 050            |                  | 27.15                | 0           | -0.03                  | 29.76                   | FM-15       | 0.00              | 29.87                     |
| 22   | 2252       | 7            |                |             |  | 59            | 15.0 | 53            | 11.4 | 47             | 8.3  | 64        | 6                | 040            |                  | 27.15                |             |                        | 29.76                   | FM-15       | 0.00              | 29.87                     |
| 22   | 2352       | 7            |                |             |  | 59            | 15.0 | 52            | 11.1 | 46             | 7.8  | 62        | 5                | 030            |                  | 27.14                |             |                        | 29.75                   | FM-15       | 0.00              | 29.86                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

Local Climatological Data  
 Hourly Observations  
 June 2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |       | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|-------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)   | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8     | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0052       | 7            |                |             |  | 57            | 13.9  | 51            | 10.4 | 45             | 7.2  | 64        | 3                | 040            |                  | 27.12                | 8           | +0.02                  | 29.74                   | FM-15       | 0.00              | 29.84                     |
| 23   | 0152       | 7            |                |             |  | 55            | 12.8  | 49            | 9.6  | 44             | 6.7  | 67        | 5                | 030            |                  | 27.11                |             |                        | 29.72                   | FM-15       | 0.00              | 29.83                     |
| 23   | 0252       | 7            |                |             |  | 53            | 11.7  | 48            | 8.8  | 43             | 6.1  | 69        | 6                | 050            |                  | 27.11                |             |                        | 29.72                   | FM-15       | 0.00              | 29.83                     |
| 23   | 0352       | 7            |                |             |  | 52            | 11.1  | 47            | 8.3  | 42             | 5.6  | 69        | 7                | 050            |                  | 27.11                | 5           | +0.01                  | 29.73                   | FM-15       | 0.00              | 29.83                     |
| 23   | 0452       | 7            |                |             |  | 51            | 10.6  | 46            | 7.8  | 41             | 5.0  | 69        | 6                | 050            |                  | 27.12                |             |                        | 29.75                   | FM-15       | 0.00              | 29.84                     |
| 23   | 0552       | 7            |                |             |  | 58            | 14.4  | 51            | 10.4 | 44             | 6.7  | 60        | 0                | 000            |                  | 27.13                |             |                        | 29.75                   | FM-15       | 0.00              | 29.85                     |
| 23   | 0652       | 7            |                |             |  | 70            | 21.1  | 56            | 13.4 | 45             | 7.2  | 41        | 0                | 000            |                  | 27.14                | 1           | -0.02                  | 29.76                   | FM-15       | 0.00              | 29.86                     |
| 23   | 0752       | 7            |                |             |  | 80            | 26.7  | 56            | 13.6 | 36             | 2.2  | 20        | 0                | 000            |                  | 27.14                |             |                        | 29.75                   | FM-15       | 0.00              | 29.86                     |
| 23   | 0852       | 7            |                |             |  | 86s           | 30.0s | 57            | 14.1 | 32             | 0.0  | 14        | 10               | 230            |                  | 27.13                |             |                        | 29.75                   | FM-15       | 0.00              | 29.85                     |
| 23   | 0952       | 7            |                |             |  | 86s           | 30.0s | 59            | 15.2 | 38             | 3.3  | 18        | 14               | 230            |                  | 27.15                | 3           | -0.01                  | 29.77                   | FM-15       | 0.00              | 29.87                     |
| 23   | 1052       | 7            |                |             |  | 85s           | 29.4s | 62            | 16.9 | 47             | 8.3  | 27        | 13               | 200            |                  | 27.15                |             |                        | 29.77                   | FM-15       | 0.00              | 29.87                     |
| 23   | 1152       | 7            |                |             |  | 83            | 28.3  | 64            | 17.5 | 51             | 10.6 | 33        | 14               | 220            |                  | 27.16                |             |                        | 29.78                   | FM-15       | 0.00              | 29.88                     |
| 23   | 1252       | 7            |                |             |  | 84            | 28.9  | 63            | 17.0 | 48             | 8.9  | 29        | 15               | 230            |                  | 27.15                | 0           | -0.00                  | 29.78                   | FM-15       | 0.00              | 29.87                     |
| 23   | 1352       | 7            |                |             |  | 84            | 28.9  | 61            | 16.3 | 45             | 7.2  | 25        | 15               | 220            |                  | 27.15                |             |                        | 29.77                   | FM-15       | 0.00              | 29.87                     |
| 23   | 1452       | 7            |                |             |  | 83            | 28.3  | 59            | 15.0 | 40             | 4.4  | 22        | 14               | 210            |                  | 27.14                |             |                        | 29.77                   | FM-15       | 0.00              | 29.86                     |
| 23   | 1552       | 7            |                |             |  | 83            | 28.3  | 59            | 15.0 | 40             | 4.4  | 22        | 13               | 230            |                  | 27.13                | 8           | +0.03                  | 29.76                   | FM-15       | 0.00              | 29.85                     |
| 23   | 1652       | 7            |                |             |  | 82            | 27.8  | 60            | 15.4 | 43             | 6.1  | 25        | 10               | 240            |                  | 27.11                |             |                        | 29.75                   | FM-15       | 0.00              | 29.83                     |
| 23   | 1752       | 7            |                |             |  | 76            | 24.4  | 62            | 16.4 | 52             | 11.1 | 43        | 9                | 220            |                  | 27.12                |             |                        | 29.75                   | FM-15       | 0.00              | 29.84                     |
| 23   | 1852       | 7            |                |             |  | 68            | 20.0  | 59            | 15.1 | 53             | 11.7 | 59        | 8                | 210            |                  | 27.13                | 3           | -0.00                  | 29.76                   | FM-15       | 0.00              | 29.85                     |
| 23   | 1952       | 7            |                |             |  | 65            | 18.3  | 58            | 14.2 | 52             | 11.1 | 63        | 0                | 000            |                  | 27.14                |             |                        | 29.76                   | FM-15       | 0.00              | 29.86                     |
| 23   | 2052       | 7            |                |             |  | 59            | 15.0  | 53            | 11.4 | 47             | 8.3  | 64        | 3                | 040            |                  | 27.15                |             |                        | 29.77                   | FM-15       | 0.00              | 29.87                     |
| 23   | 2152       | 7            |                |             |  | 58            | 14.4  | 52            | 10.9 | 46             | 7.8  | 65        | 3                | 030            |                  | 27.16                | 1           | -0.03                  | 29.78                   | FM-15       | 0.00              | 29.88                     |
| 23   | 2252       | 7            |                |             |  | 53            | 11.7  | 48            | 9.1  | 44             | 6.7  | 72        | 3                | 040            |                  | 27.16                |             |                        | 29.78                   | FM-15       | 0.00              | 29.88                     |
| 23   | 2352       | 7            |                |             |  | 52            | 11.1  | 48            | 8.8  | 44             | 6.7  | 75        | 3                | 360            |                  | 27.15                |             |                        | 29.78                   | FM-15       | 0.00              | 29.87                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

**Local Climatological Data**  
**Hourly Observations**  
**June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0052       | 7            |                |             |  | 49            | 9.4  | 46            | 7.5  | 42             | 5.6  | 77        | 5                | 030            |                  | 27.15                | 8           | +0.01                  | 29.78                   | FM-15       | 0.00              | 29.87                     |
| 24   | 0152       | 7            |                |             |  | 49            | 9.4  | 46            | 7.5  | 42             | 5.6  | 77        | 6                | 040            |                  | 27.14                |             |                        | 29.78                   | FM-15       | 0.00              | 29.86                     |
| 24   | 0252       | 7            |                |             |  | 49            | 9.4  | 45            | 7.0  | 40             | 4.4  | 71        | 7                | 060            |                  | 27.14                |             |                        | 29.78                   | FM-15       | 0.00              | 29.86                     |
| 24   | 0352       | 7            |                |             |  | 48            | 8.9  | 43            | 6.3  | 38             | 3.3  | 68        | 5                | 040            |                  | 27.15                | 3           | -0.00                  | 29.79                   | FM-15       | 0.00              | 29.87                     |
| 24   | 0452       | 7            |                |             |  | 48            | 8.9  | 43            | 6.0  | 37             | 2.8  | 66        | 7                | 040            |                  | 27.17                |             |                        | 29.80                   | FM-15       | 0.00              | 29.89                     |
| 24   | 0552       | 7            |                |             |  | 55            | 12.8 | 47            | 8.1  | 38             | 3.3  | 53        | 7                | 060            |                  | 27.18                |             |                        | 29.81                   | FM-15       | 0.00              | 29.90                     |
| 24   | 0652       | 7            |                |             |  | 67            | 19.4 | 52            | 11.1 | 38             | 3.3  | 35        | 0                | 000            |                  | 27.19                | 1           | -0.04                  | 29.82                   | FM-15       | 0.00              | 29.91                     |
| 24   | 0752       | 7            |                |             |  | 76            | 24.4 | 55            | 12.5 | 35             | 1.7  | 23        | 3                | 180            |                  | 27.20                |             |                        | 29.82                   | FM-15       | 0.00              | 29.92                     |
| 24   | 0852       | 7            |                |             |  | 80            | 26.7 | 56            | 13.6 | 36             | 2.2  | 20        | 8                | 210            |                  | 27.20                |             |                        | 29.83                   | FM-15       | 0.00              | 29.92                     |
| 24   | 0952       | 7            |                |             |  | 82            | 27.8 | 58            | 14.4 | 38             | 3.3  | 21        | 13               | 210            |                  | 27.21                | 3           | -0.03                  | 29.85                   | FM-15       | 0.00              | 29.94                     |
| 24   | 1052       | 7            |                |             |  | 83            | 28.3 | 59            | 14.8 | 39             | 3.9  | 21        | 11               | 220            |                  | 27.21                |             |                        | 29.85                   | FM-15       | 0.00              | 29.94                     |
| 24   | 1152       | 7            |                |             |  | 87            | 30.6 | 59            | 14.8 | 35             | 1.7  | 16        | 14               | 230            |                  | 27.21                |             |                        | 29.84                   | FM-15       | 0.00              | 29.93                     |
| 24   | 1252       | 7            |                |             |  | 86            | 30.0 | 57            | 14.0 | 31             | -0.6 | 14        | 15               | 220            | 21               | 27.21                | 8           | +0.01                  | 29.84                   | FM-15       | 0.00              | 29.93                     |
| 24   | 1352       | 7            |                |             |  | 85            | 29.4 | 56            | 13.6 | 30             | -1.1 | 14        | 13               | 210            |                  | 27.21                |             |                        | 29.84                   | FM-15       | 0.00              | 29.93                     |
| 24   | 1452       | 7            |                |             |  | 85            | 29.4 | 63            | 17.1 | 48             | 8.9  | 28        | 18               | 210            |                  | 27.20                |             |                        | 29.83                   | FM-15       | 0.00              | 29.92                     |
| 24   | 1552       | 7            |                |             |  | 83            | 28.3 | 63            | 17.3 | 50             | 10.0 | 32        | 17               | 220            |                  | 27.18                | 8           | +0.03                  | 29.82                   | FM-15       | 0.00              | 29.90                     |
| 24   | 1652       | 7            |                |             |  | 79            | 26.1 | 63            | 17.3 | 53             | 11.7 | 41        | 17               | 220            |                  | 27.18                |             |                        | 29.82                   | FM-15       | 0.00              | 29.90                     |
| 24   | 1752       | 7            |                |             |  | 73            | 22.8 | 62            | 16.4 | 54             | 12.2 | 51        | 13               | 200            |                  | 27.19                |             |                        | 29.83                   | FM-15       | 0.00              | 29.91                     |
| 24   | 1852       | 7            |                |             |  | 67            | 19.4 | 59            | 15.2 | 54             | 12.2 | 63        | 8                | 200            |                  | 27.19                | 3           | -0.01                  | 29.83                   | FM-15       | 0.00              | 29.91                     |
| 24   | 1952       | 7            |                |             |  | 63            | 17.2 | 58            | 14.3 | 54             | 12.2 | 73        | 6                | 200            |                  | 27.21                |             |                        | 29.83                   | FM-15       | 0.00              | 29.93                     |
| 24   | 2052       | 7            |                |             |  | 59            | 15.0 | 54            | 12.2 | 50             | 10.0 | 72        | 0                | 000            |                  | 27.22                |             |                        | 29.85                   | FM-15       | 0.00              | 29.95                     |
| 24   | 2152       | 7            |                |             |  | 55            | 12.8 | 51            | 10.7 | 48             | 8.9  | 77        | 5                | 050            |                  | 27.24                | 1           | -0.04                  | 29.86                   | FM-15       | 0.00              | 29.96                     |
| 24   | 2252       | 7            |                |             |  | 53            | 11.7 | 50            | 10.2 | 48             | 8.9  | 83        | 6                | 060            |                  | 27.22                |             |                        | 29.87                   | FM-15       | 0.00              | 29.95                     |
| 24   | 2352       | 7            |                |             |  | 52            | 11.1 | 50            | 9.9  | 48             | 8.9  | 86        | 5                | 050            |                  | 27.24                |             |                        | 29.86                   | FM-15       | 0.00              | 29.96                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0056       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 59            | 15.2 | 39             | 3.9  | 21        | 7                | 280            |                  | 29.75                | 6           | +0.00                  | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 22   | 0156       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 62            | 16.5 | 52             | 11.1 | 45        | 3                | 140            |                  | 29.75                |             |                        | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 22   | 0256       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 61            | 16.0 | 50             | 10.0 | 41        | 5                | 150            |                  | 29.74                |             |                        | 29.75                   | FM-15       | 0.00              | 29.70                     |
| 22   | 0356       | 7            | CLR:00         | 10.00       |  | 71            | 21.7 | 60            | 15.6 | 52             | 11.1 | 51        | 0                | 000            |                  | 29.75                | 3           | -0.01                  | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 22   | 0456       | 7            | CLR:00         | 10.00       |  | 70            | 21.1 | 62            | 16.8 | 57             | 13.9 | 64        | 3                | 060            |                  | 29.76                |             |                        | 29.76                   | FM-15       | 0.00              | 29.72                     |
| 22   | 0556       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 66            | 19.1 | 61             | 16.1 | 62        | 0                | 000            |                  | 29.78                |             |                        | 29.78                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0656       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 69            | 20.4 | 61             | 16.1 | 49        | 0                | 000            |                  | 29.79                | 3           | -0.04                  | 29.80                   | FM-15       | 0.00              | 29.75                     |
| 22   | 0756       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 69            | 20.7 | 58             | 14.4 | 35        | 6                | 350            |                  | 29.81                |             |                        | 29.81                   | FM-15       | 0.00              | 29.77                     |
| 22   | 0856       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 70            | 21.2 | 58             | 14.4 | 32        | 5                | 080            |                  | 29.80                |             |                        | 29.80                   | FM-15       | 0.00              | 29.76                     |
| 22   | 0956       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 70            | 21.0 | 53             | 11.7 | 22        | 5                | 060            |                  | 29.79                | 8           | +0.01                  | 29.79                   | FM-15       | 0.00              | 29.75                     |
| 22   | 1056       | 7            | CLR:00         | 10.00       |  | 100           | 37.8 | 69            | 20.6 | 50             | 10.0 | 18        | 6                | VRB            |                  | 29.77                |             |                        | 29.78                   | FM-15       | 0.00              | 29.73                     |
| 22   | 1156       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 70            | 20.9 | 48             | 8.9  | 15        | 3                | VRB            |                  | 29.75                |             |                        | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 22   | 1256       | 7            | CLR:00         | 10.00       |  | 108           | 42.2 | 69            | 20.4 | 42             | 5.6  | 11        | 6                | 110            |                  | 29.71                | 8           | +0.08                  | 29.71                   | FM-15       | 0.00              | 29.67                     |
| 22   | 1356       | 7            | CLR:00         | 10.00       |  | 110           | 43.3 | 69            | 20.4 | 40             | 4.4  | 9         | 5                | 110            |                  | 29.69                |             |                        | 29.69                   | FM-15       | 0.00              | 29.65                     |
| 22   | 1456       | 7            | CLR:00         | 10.00       |  | 111           | 43.9 | 67            | 19.7 | 34             | 1.1  | 7         | 7                | 090            |                  | 29.66                |             |                        | 29.66                   | FM-15       | 0.00              | 29.62                     |
| 22   | 1556       | 7            | CLR:00         | 10.00       |  | 112           | 44.4 | 71            | 21.9 | 47             | 8.3  | 11        | 8                | 100            |                  | 29.63                | 8           | +0.08                  | 29.64                   | FM-15       | 0.00              | 29.59                     |
| 22   | 1656       | 7            | CLR:00         | 10.00       |  | 109           | 42.8 | 73            | 22.7 | 53             | 11.7 | 16        | 9                | 100            |                  | 29.62                |             |                        | 29.62                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1756       | 7            | CLR:00         | 10.00       |  | 105           | 40.6 | 71            | 21.8 | 52             | 11.1 | 17        | 14               | 140            |                  | 29.61                |             |                        | 29.62                   | FM-15       | 0.00              | 29.57                     |
| 22   | 1856       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 70            | 20.9 | 53             | 11.7 | 22        | 9                | 150            |                  | 29.62                | 5           | +0.01                  | 29.62                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1956       | 7            | CLR:00         | 10.00       |  | 93            | 33.9 | 67            | 19.2 | 49             | 9.4  | 22        | 7                | 190            |                  | 29.64                |             |                        | 29.64                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2056       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 |               |      |                |      |           | 10               | 230            |                  | 29.66                |             |                        | 29.66                   | FM-15       | 0.00              | 29.62                     |
| 22   | 2156       | 7            | CLR:00         | 10.00       |  | 91            | 32.8 | 60            | 15.3 | 30             | -1.1 | 11        | 10               | 240            |                  | 29.66                | 1           | -0.04                  | 29.67                   | FM-15       | 0.00              | 29.62                     |
| 22   | 2256       | 7            | CLR:00         | 10.00       |  | 86            | 30.0 |               |      |                |      |           | 5                | VRB            |                  | 29.66                |             |                        | 29.67                   | FM-15       | 0.00              | 29.62                     |
| 22   | 2356       | 7            | CLR:00         | 10.00       |  | 80            | 26.7 | 65            | 18.3 | 55             | 12.8 | 42        | 6                | 130            |                  | 29.66                |             |                        | 29.66                   | FM-15       | 0.00              | 29.62                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0056       | 7            | CLR:00         | 10.00       |  | 73            | 22.8 | 63            | 17.2 | 56             | 13.3 | 55        | 3                | 130            |                  | 29.65                | 8           | +0.01                  | 29.66                   | FM-15       | 0.00              | 29.61                     |
| 23   | 0156       | 7            | CLR:00         | 10.00       |  | 73            | 22.8 | 63            | 17.2 | 56             | 13.3 | 55        | 5                | 160            |                  | 29.65                |             |                        | 29.65                   | FM-15       | 0.00              | 29.61                     |
| 23   | 0256       | 7            | CLR:00         | 10.00       |  | 71            | 21.7 | 64            | 17.6 | 59             | 15.0 | 66        | 6                | 160            |                  | 29.66                |             |                        | 29.66                   | FM-15       | 0.00              | 29.62                     |
| 23   | 0356       | 7            | CLR:00         | 10.00       |  | 68            | 20.0 | 58            | 14.2 | 49             | 9.4  | 51        | 0                | 000            |                  | 29.68                | 3           | -0.02                  | 29.68                   | FM-15       | 0.00              | 29.64                     |
| 23   | 0456       | 7            | CLR:00         | 10.00       |  | 67            | 19.4 | 58            | 14.5 | 51             | 10.6 | 57        | 3                | 060            |                  | 29.70                |             |                        | 29.70                   | FM-15       | 0.00              | 29.66                     |
| 23   | 0556       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 64            | 17.9 | 57             | 13.9 | 54        | 0                | 000            |                  | 29.72                |             |                        | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 23   | 0656       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 73            | 22.7 | 69             | 20.6 | 67        | 8                | 130            |                  | 29.75                | 3           | -0.07                  | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 23   | 0756       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 75            | 24.1 | 70             | 21.1 | 57        | 10               | 140            |                  | 29.76                |             |                        | 29.76                   | FM-15       | 0.00              | 29.72                     |
| 23   | 0856       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 76            | 24.2 | 69             | 20.6 | 50        | 15               | 140            |                  | 29.76                |             |                        | 29.76                   | FM-15       | 0.00              | 29.72                     |
| 23   | 0956       | 7            | CLR:00         | 10.00       |  | 95            | 35.0 | 76            | 24.3 | 67             | 19.4 | 40        | 8                | 120            |                  | 29.76                | 1           | -0.01                  | 29.76                   | FM-15       | 0.00              | 29.72                     |
| 23   | 1056       | 7            | CLR:00         | 9.00        |  | 97            | 36.1 | 73            | 22.8 | 61             | 16.1 | 30        | 10               | 140            | 18               | 29.75                |             |                        | 29.75                   | FM-15       | 0.00              | 29.71                     |
| 23   | 1154       | 6            | CLR:00         | 7.00        |  | 100           | 38.0 | 74            | 23.3 | 61             | 16.0 | 27        | 14               | 150            |                  | 29.73                |             |                        |                         | FM-16       |                   | 29.69                     |
| 23   | 1156       | 7            | CLR:00         | 7.00        |  | 100           | 37.8 | 74            | 23.3 | 61             | 16.1 | 28        | 10               | 150            |                  | 29.73                |             |                        | 29.74                   | FM-15       | 0.00              | 29.69                     |
| 23   | 1203       | 7            | CLR:00         | 7.00        |  | 100           | 37.8 | 73            | 23.0 | 60             | 15.6 | 27        | 11               | 160            |                  | 29.73                |             |                        |                         | FM-16       |                   | 29.69                     |
| 23   | 1254       | 6            | CLR:00         | 7.00        |  | 102           | 39.0 | 73            | 22.6 | 57             | 14.0 | 23        | 15               | 140            |                  | 29.72                |             |                        |                         | FM-16       |                   | 29.68                     |
| 23   | 1256       | 7            | CLR:00         | 7.00        |  | 102           | 38.9 | 73            | 22.8 | 58             | 14.4 | 23        | 14               | 140            |                  | 29.72                | 8           | +0.04                  | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 23   | 1356       | 7            | CLR:00         | 9.00        |  | 103           | 39.4 | 72            | 22.5 | 56             | 13.3 | 21        | 16               | 140            |                  | 29.69                |             |                        | 29.70                   | FM-15       | 0.00              | 29.65                     |
| 23   | 1403       | 7            | OVC:08 23      | 9.00        |  | 104           | 40.0 | 74            | 23.1 | 58             | 14.4 | 22        | 16               | 140            |                  | 29.69                |             |                        |                         | FM-16       |                   | 29.65                     |
| 23   | 1456       | 7            | OVC:08 23      | 9.00        |  | 103           | 39.4 | 73            | 22.9 | 58             | 14.4 | 23        | 15               | 120            |                  | 29.67                |             |                        | 29.68                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1526       | 7            | SCT:04 29      | 10.00       |  | 102           | 38.9 | 73            | 22.8 | 58             | 14.4 | 23        | 18               | 110            |                  | 29.67                |             |                        |                         | FM-16       |                   | 29.63                     |
| 23   | 1556       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 73            | 22.5 | 57             | 13.9 | 23        | 17               | 120            |                  | 29.65                | 6           | +0.06                  | 29.66                   | FM-15       | 0.00              | 29.61                     |
| 23   | 1656       | 7            | CLR:00         | 10.00       |  | 101           | 38.3 | 72            | 22.4 | 57             | 13.9 | 23        | 16               | 130            |                  | 29.64                |             |                        | 29.65                   | FM-15       | 0.00              | 29.60                     |
| 23   | 1756       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 | 70            | 20.9 | 54             | 12.2 | 24        | 13               | 140            |                  | 29.65                |             |                        | 29.66                   | FM-15       | 0.00              | 29.61                     |
| 23   | 1856       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 68            | 20.1 | 55             | 12.8 | 31        | 5                | 150            |                  | 29.67                | 3           | -0.01                  | 29.67                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1956       | 7            | CLR:00         | 10.00       |  | 86            | 30.0 | 68            | 19.9 | 57             | 13.9 | 37        | 9                | 160            |                  | 29.69                |             |                        | 29.69                   | FM-15       | 0.00              | 29.65                     |
| 23   | 2056       | 7            | CLR:00         | 10.00       |  | 84            | 28.9 | 67            | 19.6 | 57             | 13.9 | 40        | 9                | 140            |                  | 29.70                |             |                        | 29.70                   | FM-15       | 0.00              | 29.66                     |
| 23   | 2156       | 7            | CLR:00         | 10.00       |  | 79            | 26.1 | 67            | 19.5 | 60             | 15.6 | 52        | 0                | 000            |                  | 29.72                | 2           | -0.05                  | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 23   | 2256       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 67            | 19.6 | 61             | 16.1 | 56        | 5                | 150            |                  | 29.71                |             |                        | 29.72                   | FM-15       | 0.00              | 29.67                     |
| 23   | 2356       | 7            | CLR:00         | 10.00       |  | 74            | 23.3 | 68            | 19.8 | 64             | 17.8 | 71        | 8                | 130            |                  | 29.72                |             |                        | 29.72                   | FM-15       | 0.00              | 29.68                     |



U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visibility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |            |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5          | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0056       | 7            | CLR:00         | 10.00      |  | 75            | 23.9 | 68            | 20.0 | 64             | 17.8 | 69        | 8                | 160            |                  | 29.72                | 3           | -0.01                  | 29.73                   | FM-15       | 0.00              | 29.68                     |
| 24   | 0156       | 7            | CLR:00         | 10.00      |  | 76            | 24.4 | 68            | 20.2 | 64             | 17.8 | 67        | 9                | 150            |                  | 29.73                |             |                        | 29.73                   | FM-15       | 0.00              | 29.69                     |
| 24   | 0256       | 7            | CLR:00         | 10.00      |  | 74            | 23.3 | 67            | 19.5 | 63             | 17.2 | 69        | 7                | 160            |                  | 29.74                |             |                        | 29.74                   | FM-15       | 0.00              | 29.70                     |
| 24   | 0356       | 7            | CLR:00         | 10.00      |  | 69            | 20.6 | 65            | 18.2 | 62             | 16.7 | 78        | 3                | 130            |                  | 29.76                | 3           | -0.04                  | 29.76                   | FM-15       | 0.00              | 29.72                     |
| 24   | 0456       | 7            | CLR:00         | 10.00      |  | 67            | 19.4 | 61            | 16.2 | 57             | 13.9 | 71        | 0                | 000            |                  | 29.79                |             |                        | 29.79                   | FM-15       | 0.00              | 29.75                     |
| 24   | 0556       | 7            | CLR:00         | 10.00      |  | 73            | 22.8 | 65            | 18.4 | 60             | 15.6 | 64        | 0                | 000            |                  | 29.81                |             |                        | 29.81                   | FM-15       | 0.00              | 29.77                     |
| 24   | 0656       | 7            | CLR:00         | 10.00      |  | 78            | 25.6 | 68            | 20.2 | 63             | 17.2 | 60        | 0                | 000            |                  | 29.83                | 1           | -0.07                  | 29.84                   | FM-15       | 0.00              | 29.79                     |
| 24   | 0756       | 7            | CLR:00         | 10.00      |  | 82            | 27.8 | 71            | 21.6 | 65             | 18.3 | 56        | 5                | 080            |                  | 29.85                |             |                        | 29.85                   | FM-15       | 0.00              | 29.81                     |
| 24   | 0856       | 7            | CLR:00         | 10.00      |  | 86            | 30.0 | 70            | 21.4 | 62             | 16.7 | 45        | 5                | 110            |                  | 29.85                |             |                        | 29.85                   | FM-15       | 0.00              | 29.81                     |
| 24   | 0956       | 7            | CLR:00         | 10.00      |  | 92            | 33.3 | 69            | 20.7 | 56             | 13.3 | 30        | 6                | 110            |                  | 29.86                | 1           | -0.02                  | 29.86                   | FM-15       | 0.00              | 29.82                     |
| 24   | 1056       | 7            | CLR:00         | 10.00      |  | 95            | 35.0 | 69            | 20.5 | 53             | 11.7 | 24        | 8                | 110            |                  | 29.85                |             |                        | 29.85                   | FM-15       | 0.00              | 29.81                     |
| 24   | 1156       | 7            | CLR:00         | 10.00      |  | 97            | 36.1 | 68            | 19.9 | 49             | 9.4  | 20        | 7                | 170            |                  | 29.83                |             |                        | 29.83                   | FM-15       | 0.00              | 29.79                     |
| 24   | 1256       | 7            | CLR:00         | 10.00      |  | 99            | 37.2 | 67            | 19.6 | 46             | 7.8  | 16        | 7                | VRB            |                  | 29.81                | 8           | +0.05                  | 29.82                   | FM-15       | 0.00              | 29.77                     |
| 24   | 1356       | 7            | CLR:00         | 10.00      |  | 101           | 38.3 | 66            | 18.9 | 40             | 4.4  | 12        | 8                | 130            |                  | 29.79                |             |                        | 29.80                   | FM-15       | 0.00              | 29.75                     |
| 24   | 1456       | 7            | CLR:00         | 10.00      |  | 102           | 38.9 | 67            | 19.4 | 42             | 5.6  | 13        | 9                | 120            |                  | 29.77                |             |                        | 29.77                   | FM-15       | 0.00              | 29.73                     |
| 24   | 1556       | 7            | CLR:00         | 10.00      |  | 105           | 40.6 | 67            | 19.6 | 40             | 4.4  | 11        | 10               | 150            |                  | 29.74                | 8           | +0.07                  | 29.74                   | FM-15       | 0.00              | 29.70                     |
| 24   | 1656       | 7            | CLR:00         | 10.00      |  | 103           | 39.4 | 67            | 19.6 | 42             | 5.6  | 12        | 10               | 130            |                  | 29.72                |             |                        | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 24   | 1756       | 7            | CLR:00         | 10.00      |  | 101           | 38.3 | 67            | 19.6 | 44             | 6.7  | 14        | 14               | 150            |                  | 29.72                |             |                        | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 24   | 1856       | 7            | CLR:00         | 10.00      |  | 94            | 34.4 | 66            | 18.7 | 46             | 7.8  | 19        | 10               | 160            |                  | 29.72                | 5           | +0.02                  | 29.72                   | FM-15       | 0.00              | 29.68                     |
| 24   | 1956       | 7            | CLR:00         | 10.00      |  | 92            | 33.3 | 67            | 19.2 | 50             | 10.0 | 24        | 11               | 180            |                  | 29.74                |             |                        | 29.74                   | FM-15       | 0.00              | 29.70                     |
| 24   | 2056       | 7            | CLR:00         | 10.00      |  | 90            | 32.2 | 66            | 18.9 | 50             | 10.0 | 25        | 6                | 180            |                  | 29.76                |             |                        | 29.77                   | FM-15       | 0.00              | 29.72                     |
| 24   | 2156       | 7            | CLR:00         | 10.00      |  | 87            | 30.6 | 63            | 17.0 | 44             | 6.7  | 22        | 6                | 210            |                  | 29.77                | 1           | -0.05                  | 29.78                   | FM-15       | 0.00              | 29.73                     |
| 24   | 2256       | 7            | CLR:00         | 10.00      |  | 85            | 29.4 | 58            | 14.7 | 34             | 1.1  | 16        | 7                | 220            |                  | 29.78                |             |                        | 29.79                   | FM-15       | 0.00              | 29.74                     |
| 24   | 2356       | 7            | CLR:00         | 10.00      |  | 75            | 23.9 | 64            | 17.6 | 56             | 13.3 | 52        | 6                | 120            |                  | 29.80                |             |                        | 29.80                   | FM-15       | 0.00              | 29.76                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: IMPERIAL CO AIRPORT, CA US 03144

**Local Climatological Data  
 Hourly Observations  
 June 2018**

Generated on 08/08/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0053       | 7            | CLR:00         | 10.00       |  | 80            | 26.7 | 65            | 18.6 | 56             | 13.3 | 44        | 3                | 180            |                  | 29.75                | 6           | +0.01                  | 29.69                   | FM-15       | 0.00              | 29.69                     |
| 22   | 0153       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 66            | 19.0 | 59             | 15.0 | 52        | 3                | 120            |                  | 29.75                |             |                        | 29.69                   | FM-15       | 0.00              | 29.69                     |
| 22   | 0253       | 7            | CLR:00         | 10.00       |  | 77            | 25.0 | 66            | 19.1 | 60             | 15.6 | 56        | 3                | 180            |                  | 29.74                |             |                        | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 22   | 0353       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 66            | 19.1 | 61             | 16.1 | 62        | 3                | 040            |                  | 29.75                | 3           | -0.01                  | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 22   | 0453       | 7            | CLR:00         | 7.00        |  | 73            | 22.8 | 67            | 19.3 | 63             | 17.2 | 71        | 3                | 090            |                  | 29.76                |             |                        | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 22   | 0553       | 7            | CLR:00         | 10.00       |  | 76            | 24.4 | 68            | 20.2 | 64             | 17.8 | 67        | 5                | 140            |                  | 29.78                |             |                        | 29.72                   | FM-15       | 0.00              | 29.72                     |
| 22   | 0653       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 71            | 21.4 | 65             | 18.3 | 58        | 0                | 000            |                  | 29.79                | 3           | -0.04                  | 29.74                   | FM-15       | 0.00              | 29.73                     |
| 22   | 0753       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 72            | 22.0 | 63             | 17.2 | 43        | 0                | 000            |                  | 29.81                |             |                        | 29.75                   | FM-15       | 0.00              | 29.75                     |
| 22   | 0853       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 71            | 21.5 | 59             | 15.0 | 33        | 0                | 000            |                  | 29.80                |             |                        | 29.74                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0953       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 69            | 20.3 | 50             | 10.0 | 20        | 0                | 000            |                  | 29.79                | 8           | +0.01                  | 29.73                   | FM-15       | 0.00              | 29.73                     |
| 22   | 1053       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 69            | 20.7 | 49             | 9.4  | 17        | 3                | 170            |                  | 29.77                |             |                        | 29.71                   | FM-15       | 0.00              | 29.71                     |
| 22   | 1153       | 7            | CLR:00         | 10.00       |  | 106           | 41.1 | 70            | 21.0 | 47             | 8.3  | 14        | 6                | 190            |                  | 29.75                |             |                        | 29.69                   | FM-15       | 0.00              | 29.69                     |
| 22   | 1253       | 7            | CLR:00         | 10.00       |  | 108           | 42.2 | 70            | 21.3 | 47             | 8.3  | 13        | 6                | VRB            |                  | 29.71                | 8           | +0.08                  | 29.65                   | FM-15       | 0.00              | 29.65                     |
| 22   | 1353       | 7            | FEW:02 110     | 10.00       |  | 112           | 44.4 | 69            | 20.4 | 38             | 3.3  | 8         | 8                | 090            |                  | 29.69                |             |                        | 29.63                   | FM-15       | 0.00              | 29.63                     |
| 22   | 1453       | 7            | FEW:02 100     | 10.00       |  | 112           | 44.4 | 71            | 21.7 | 46             | 7.8  | 11        | 9                | 100            |                  | 29.66                |             |                        | 29.60                   | FM-15       | 0.00              | 29.60                     |
| 22   | 1553       | 7            | SCT:04 110     | 10.00       |  | 112           | 44.4 | 72            | 22.5 | 50             | 10.0 | 13        | 15               | 120            |                  | 29.63                | 6           | +0.08                  | 29.58                   | FM-15       | 0.00              | 29.57                     |
| 22   | 1653       | 7            | FEW:02 110     | 10.00       |  | 111           | 43.9 | 72            | 22.1 | 49             | 9.4  | 13        | 13               | 120            |                  | 29.62                |             |                        | 29.56                   | FM-15       | 0.00              | 29.56                     |
| 22   | 1753       | 7            | FEW:02 110     | 10.00       |  | 106           | 41.1 | 73            | 22.9 | 56             | 13.3 | 19        | 14               | 130            |                  | 29.62                |             |                        | 29.56                   | FM-15       | 0.00              | 29.56                     |
| 22   | 1853       | 7            | CLR:00         | 10.00       |  | 101           | 38.3 | 69            | 20.5 | 49             | 9.4  | 17        | 11               | 150            |                  | 29.62                | 5           | +0.01                  | 29.56                   | FM-15       | 0.00              | 29.56                     |
| 22   | 1953       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 68            | 19.8 | 48             | 8.9  | 18        | 9                | 150            |                  | 29.64                |             |                        | 29.58                   | FM-15       | 0.00              | 29.58                     |
| 22   | 2053       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 67            | 19.2 | 50             | 10.0 | 24        | 6                | 180            |                  | 29.66                |             |                        | 29.60                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2153       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 66            | 18.6 | 49             | 9.4  | 24        | 5                | 150            |                  | 29.66                | 1           | -0.04                  | 29.61                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2253       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 67            | 19.7 | 58             | 14.4 | 43        | 7                | 150            |                  | 29.66                |             |                        | 29.61                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2353       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 68            | 20.2 | 61             | 16.1 | 51        | 8                | 130            |                  | 29.66                |             |                        | 29.60                   | FM-15       | 0.00              | 29.60                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: IMPERIAL CO AIRPORT, CA US 03144

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0053       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 68            | 19.9 | 62             | 16.7 | 58        | 7                | 130            |                  | 29.66                | 8           | +0.01                  | 29.59                   | FM-15       | 0.00              | 29.60                     |
| 23   | 0153       | 7            | CLR:00         | 10.00       |  | 77            | 25.0 | 69            | 20.4 | 64             | 17.8 | 64        | 9                | 140            |                  | 29.65                |             |                        | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 0253       | 7            | CLR:00         | 10.00       |  | 76            | 24.4 | 67            | 19.5 | 62             | 16.7 | 62        | 9                | 150            |                  | 29.66                |             |                        | 29.60                   | FM-15       | 0.00              | 29.60                     |
| 23   | 0353       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 66            | 19.0 | 61             | 16.1 | 62        | 9                | 140            |                  | 29.67                | 3           | -0.02                  | 29.61                   | FM-15       | 0.00              | 29.61                     |
| 23   | 0453       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 68            | 20.0 | 64             | 17.8 | 69        | 7                | 140            |                  | 29.70                |             |                        | 29.64                   | FM-15       | 0.00              | 29.64                     |
| 23   | 0553       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 72            | 22.2 | 69             | 20.6 | 74        | 13               | 140            |                  | 29.72                |             |                        | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 23   | 0653       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 74            | 23.6 | 71             | 21.7 | 69        | 14               | 140            |                  | 29.75                | 3           | -0.08                  | 29.69                   | FM-15       | 0.00              | 29.69                     |
| 23   | 0753       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 77            | 24.7 | 72             | 22.2 | 61        | 17               | 140            |                  | 29.76                |             |                        | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 23   | 0853       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 78            | 25.5 | 72             | 22.2 | 52        | 15               | 130            |                  | 29.76                |             |                        | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 23   | 0953       | 7            | CLR:00         | 9.00        |  | 95            | 35.0 | 77            | 25.2 | 70             | 21.1 | 44        | 16               | 130            |                  | 29.76                | 1           | -0.01                  | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 23   | 1053       | 7            | FEW:02 25      | 7.00        |  | 98            | 36.7 | 76            | 24.4 | 66             | 18.9 | 35        | 16               | 130            |                  | 29.75                |             |                        | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 23   | 1153       | 7            | SCT:04 29      | 7.00        |  | 99            | 37.2 | 76            | 24.6 | 66             | 18.9 | 34        | 11               | 130            | 21               | 29.74                |             |                        | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 23   | 1214       | 7            | BKN:07 28      | 7.00        |  | 101           | 38.3 | 77            | 25.1 | 67             | 19.4 | 33        | 16               | 130            |                  | 29.73                |             |                        |                         | FM-16       |                   | 29.67                     |
| 23   | 1253       | 7            | OVC:08 23      | 6.00        | HZ:7  FU  HZ                                     | 101           | 38.3 | 77            | 25.1 | 67             | 19.4 | 33        | 18               | 120            | 24               | 29.72                | 8           | +0.04                  | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 23   | 1336       | 7            | SCT:04 26      | 6.00        | HZ:7  FU  HZ                                     | 102           | 38.9 | 76            | 24.4 | 64             | 17.8 | 29        | 16               | 130            | 24               | 29.70                |             |                        |                         | FM-16       |                   | 29.64                     |
| 23   | 1353       | 7            | FEW:02 26      | 7.00        |  | 103           | 39.4 | 76            | 24.5 | 64             | 17.8 | 28        | 17               | 130            |                  | 29.70                |             |                        | 29.64                   | FM-15       | 0.00              | 29.64                     |
| 23   | 1453       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 74            | 23.5 | 60             | 15.6 | 24        | 18               | 120            |                  | 29.69                |             |                        | 29.63                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1553       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 73            | 22.8 | 58             | 14.4 | 23        | 16               | 120            |                  | 29.67                | 8           | +0.05                  | 29.61                   | FM-15       | 0.00              | 29.61                     |
| 23   | 1653       | 7            | CLR:00         | 10.00       |  | 100           | 37.8 | 72            | 22.2 | 57             | 13.9 | 24        | 18               | 130            |                  | 29.65                |             |                        | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 1753       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 | 71            | 21.9 | 58             | 14.4 | 28        | 13               | 130            |                  | 29.66                |             |                        | 29.60                   | FM-15       | 0.00              | 29.60                     |
| 23   | 1853       | 7            | CLR:00         | 10.00       |  | 91            | 32.8 | 71            | 21.9 | 61             | 16.1 | 37        | 13               | 130            |                  | 29.67                | 3           | -0.00                  | 29.61                   | FM-15       | 0.00              | 29.61                     |
| 23   | 1953       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 69            | 20.4 | 58             | 14.4 | 37        | 9                | 130            |                  | 29.69                |             |                        | 29.63                   | FM-15       | 0.00              | 29.63                     |
| 23   | 2053       | 7            | CLR:00         | 10.00       |  | 84            | 28.9 | 70            | 21.3 | 63             | 17.2 | 49        | 13               | 140            |                  | 29.70                |             |                        | 29.64                   | FM-15       | 0.00              | 29.64                     |
| 23   | 2153       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 72            | 22.4 | 67             | 19.4 | 59        | 9                | 140            |                  | 29.72                | 1           | -0.05                  | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 23   | 2253       | 7            | CLR:00         | 10.00       |  | 80            | 26.7 | 71            | 21.9 | 67             | 19.4 | 64        | 8                | 140            |                  | 29.72                |             |                        | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 23   | 2353       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 71            | 21.5 | 67             | 19.4 | 69        | 9                | 140            |                  | 29.72                |             |                        | 29.66                   | FM-15       | 0.00              | 29.66                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: IMPERIAL CO AIRPORT, CA US 03144

**Local Climatological Data  
 Hourly Observations  
 June 2018**

Generated on 08/08/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0053       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 70            | 21.2 | 66             | 18.9 | 67        | 10               | 140            |                  | 29.72                | 3           | -0.01                  | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 24   | 0153       | 7            | CLR:00         | 10.00       |  | 77            | 25.0 | 69            | 20.7 | 65             | 18.3 | 66        | 8                | 160            |                  | 29.73                |             |                        | 29.67                   | FM-15       | 0.00              | 29.67                     |
| 24   | 0253       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 67            | 19.7 | 63             | 17.2 | 66        | 7                | 120            |                  | 29.74                |             |                        | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 24   | 0353       | 7            | CLR:00         | 10.00       |  | 72            | 22.2 | 66            | 18.8 | 62             | 16.7 | 71        | 6                | 130            |                  | 29.76                | 3           | -0.04                  | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 24   | 0453       | 7            | CLR:00         | 10.00       |  | 72            | 22.2 | 66            | 18.8 | 62             | 16.7 | 71        | 5                | 140            |                  | 29.78                |             |                        | 29.72                   | FM-15       | 0.00              | 29.72                     |
| 24   | 0553       | 7            | CLR:00         | 10.00       |  | 75            | 23.9 | 67            | 19.7 | 63             | 17.2 | 66        | 3                | 070            |                  | 29.81                |             |                        | 29.75                   | FM-15       | 0.00              | 29.75                     |
| 24   | 0653       | 7            | CLR:00         | 10.00       |  | 79            | 26.1 | 70            | 21.1 | 65             | 18.3 | 62        | 6                | 110            |                  | 29.83                | 3           | -0.07                  | 29.78                   | FM-15       | 0.00              | 29.77                     |
| 24   | 0753       | 7            | CLR:00         | 10.00       |  | 84            | 28.9 | 71            | 21.9 | 65             | 18.3 | 53        | 8                | 120            |                  | 29.85                |             |                        | 29.79                   | FM-15       | 0.00              | 29.79                     |
| 24   | 0853       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 71            | 21.7 | 62             | 16.7 | 42        | 5                | VRB            |                  | 29.85                |             |                        | 29.79                   | FM-15       | 0.00              | 29.79                     |
| 24   | 0953       | 7            | CLR:00         | 10.00       |  | 91            | 32.8 | 70            | 21.4 | 59             | 15.0 | 34        | 7                | VRB            |                  | 29.86                | 1           | -0.02                  | 29.80                   | FM-15       | 0.00              | 29.80                     |
| 24   | 1053       | 7            | CLR:00         | 10.00       |  | 96            | 35.6 | 70            | 21.1 | 55             | 12.8 | 25        | 5                | VRB            |                  | 29.85                |             |                        | 29.79                   | FM-15       | 0.00              | 29.79                     |
| 24   | 1153       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 69            | 20.3 | 50             | 10.0 | 20        |                  |                |                  | 29.83                |             |                        | 29.77                   | FM-15       | 0.00              | 29.77                     |
| 24   | 1253       | 7            | CLR:00         | 10.00       |  | 100           | 37.8 | 68            | 20.0 | 47             | 8.3  | 16        | 3                | VRB            |                  | 29.81                | 8           | +0.05                  | 29.75                   | FM-15       | 0.00              | 29.75                     |
| 24   | 1353       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 68            | 19.9 | 44             | 6.7  | 13        |                  |                |                  | 29.79                |             |                        | 29.73                   | FM-15       | 0.00              | 29.73                     |
| 24   | 1453       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 67            | 19.4 | 42             | 5.6  | 13        | 0                | 000            |                  | 29.77                |             |                        | 29.71                   | FM-15       | 0.00              | 29.71                     |
| 24   | 1553       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 68            | 20.1 | 44             | 6.7  | 13        | 7                | 190            |                  | 29.74                | 8           | +0.07                  | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 24   | 1653       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 67            | 19.6 | 41             | 5.0  | 12        | 10               | 120            | 16               | 29.72                |             |                        | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 24   | 1753       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 67            | 19.6 | 43             | 6.1  | 13        | 9                | 150            |                  | 29.72                |             |                        | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 24   | 1853       | 7            | CLR:00         | 10.00       |  | 99            | 37.2 | 68            | 20.0 | 48             | 8.9  | 18        | 15               | 160            |                  | 29.72                | 6           | +0.02                  | 29.66                   | FM-15       | 0.00              | 29.66                     |
| 24   | 1953       | 7            | CLR:00         | 10.00       |  | 93            | 33.9 | 67            | 19.4 | 50             | 10.0 | 23        | 7                | 140            |                  | 29.74                |             |                        | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 24   | 2053       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 67            | 19.4 | 53             | 11.7 | 29        | 6                | 180            |                  | 29.76                |             |                        | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 24   | 2153       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 66            | 18.7 | 53             | 11.7 | 33        | 0                | 000            |                  | 29.77                | 1           | -0.05                  | 29.71                   | FM-15       | 0.00              | 29.71                     |
| 24   | 2253       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 67            | 19.5 | 58             | 14.4 | 44        | 3                | 100            |                  | 29.79                |             |                        | 29.72                   | FM-15       | 0.00              | 29.73                     |
| 24   | 2353       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 68            | 19.9 | 62             | 16.7 | 58        | 3                | 090            |                  | 29.80                |             |                        | 29.74                   | FM-15       | 0.00              | 29.74                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

**Local Climatological Data**  
**Hourly Observations**  
**June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation) | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|----------------------------------|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             | AU   AW   MW                     | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6                                | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0052       | 7            | CLR:00         | 10.00       |                                  | 91            | 32.8 | 65            | 18.4 | 47             | 8.3  | 22        | 8                | 330            |                  | 29.79                | 7           | +0.01                  | 29.68                   | FM-15       | 0.00              | 29.67                     |
| 22   | 0152       | 7            | CLR:00         | 10.00       |                                  | 76            | 24.4 | 62            | 16.7 | 52             | 11.1 | 43        | 8                | 130            |                  | 29.80                |             |                        | 29.69                   | FM-15       | 0.00              | 29.68                     |
| 22   | 0252       | 7            | CLR:00         | 10.00       |                                  | 77            | 25.0 | 63            | 17.4 | 54             | 12.2 | 45        | 5                | 130            |                  | 29.81                |             |                        | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 22   | 0352       | 7            | CLR:00         | 10.00       |                                  |               |      |               |      | 57             | 13.9 |           | 0                | 000            |                  | 29.81                | 1           | -0.02                  | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 22   | 0452       | 7            | CLR:00         | 10.00       |                                  | 72            | 22.2 | 63            | 17.3 | 57             | 13.9 | 59        | 3                | 360            |                  | 29.82                |             |                        | 29.71                   | FM-15       | 0.00              | 29.70                     |
| 22   | 0552       | 7            | CLR:00         | 10.00       |                                  | 79            | 26.1 | 67            | 19.5 | 60             | 15.6 | 52        | 3                | 020            |                  | 29.84                |             |                        | 29.73                   | FM-15       | 0.00              | 29.72                     |
| 22   | 0652       | 7            | CLR:00         | 10.00       |                                  | 89            | 31.7 | 69            | 20.5 | 57             | 13.9 | 34        | 0                | 000            |                  | 29.86                | 3           | -0.05                  | 29.75                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0752       | 7            | CLR:00         | 10.00       |                                  | 92            | 33.3 | 70            | 21.2 | 58             | 14.4 | 32        | 3                | 160            |                  | 29.86                |             |                        | 29.75                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0852       | 7            | CLR:00         | 10.00       |                                  | 97            | 36.1 | 71            | 21.5 | 56             | 13.3 | 25        | 0                | 000            |                  | 29.85                |             |                        | 29.74                   | FM-15       | 0.00              | 29.73                     |
| 22   | 0952       | 7            | CLR:00         | 10.00       |                                  | 103           | 39.4 | 70            | 20.9 | 49             | 9.4  | 16        | 0                | 000            |                  | 29.83                | 8           | +0.03                  | 29.72                   | FM-15       | 0.00              | 29.71                     |
| 22   | 1052       | 7            | CLR:00         | 10.00       |                                  | 108           | 42.2 | 71            | 21.5 | 48             | 8.9  | 13        | 5                | VRB            |                  | 29.80                |             |                        | 29.69                   | FM-15       | 0.00              | 29.68                     |
| 22   | 1152       | 7            | CLR:00         | 10.00       |                                  | 109           | 42.8 | 73            | 22.7 | 53             | 11.7 | 16        | 8                | 140            |                  | 29.78                |             |                        | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 22   | 1252       | 7            | CLR:00         | 10.00       |                                  | 111           | 43.9 | 72            | 22.0 | 48             | 8.9  | 12        | 8                | 150            |                  | 29.75                | 8           | +0.08                  | 29.64                   | FM-15       | 0.00              | 29.63                     |
| 22   | 1352       | 7            | CLR:00         | 10.00       |                                  | 113           | 45.0 | 69            | 20.6 | 38             | 3.3  | 8         | 9                | VRB            |                  | 29.73                |             |                        | 29.62                   | FM-15       | 0.00              | 29.61                     |
| 22   | 1452       | 7            | CLR:00         | 10.00       |                                  | 112           | 44.4 | 69            | 20.7 | 40             | 4.4  | 9         | 8                | 150            |                  | 29.70                |             |                        | 29.59                   | FM-15       | 0.00              | 29.58                     |
| 22   | 1552       | 7            | CLR:00         | 10.00       |                                  | 112           | 44.4 | 70            | 20.9 | 41             | 5.0  | 9         | 7                | 160            |                  | 29.69                | 6           | +0.07                  | 29.57                   | FM-15       | 0.00              | 29.57                     |
| 22   | 1652       | 7            | CLR:00         | 10.00       |                                  | 111           | 43.9 | 68            | 20.3 | 38             | 3.3  | 8         | 8                | 160            |                  | 29.66                |             |                        | 29.55                   | FM-15       | 0.00              | 29.54                     |
| 22   | 1752       | 7            | CLR:00         | 10.00       |                                  | 108           | 42.2 | 69            | 20.6 | 43             | 6.1  | 11        | 5                | 190            |                  | 29.66                |             |                        | 29.55                   | FM-15       | 0.00              | 29.54                     |
| 22   | 1852       | 7            | CLR:00         | 10.00       |                                  | 96            | 35.6 | 67            | 19.7 | 49             | 9.4  | 20        | 0                | 000            |                  | 29.66                | 6           | +0.02                  | 29.55                   | FM-15       | 0.00              | 29.54                     |
| 22   | 1952       | 7            | CLR:00         | 10.00       |                                  | 91            | 32.8 | 67            | 19.3 | 51             | 10.6 | 26        | 5                | 350            |                  | 29.69                |             |                        | 29.57                   | FM-15       | 0.00              | 29.57                     |
| 22   | 2052       | 7            | CLR:00         | 10.00       |                                  | 97            | 36.1 | 69            | 20.8 | 53             | 11.7 | 23        | 6                | 320            |                  | 29.71                |             |                        | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 22   | 2152       | 7            | CLR:00         | 10.00       |                                  | 90            | 32.2 | 68            | 19.8 | 54             | 12.2 | 29        | 6                | 150            |                  | 29.71                | 1           | -0.04                  | 29.60                   | FM-15       | 0.00              | 29.59                     |
| 22   | 2252       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 67            | 19.2 | 53             | 11.7 | 30        | 3                | VRB            |                  | 29.72                |             |                        | 29.61                   | FM-15       | 0.00              | 29.60                     |
| 22   | 2352       | 7            | CLR:00         | 10.00       |                                  | 87            | 30.6 | 67            | 19.6 | 55             | 12.8 | 34        | 0                | 000            |                  | 29.71                |             |                        | 29.60                   | FM-15       | 0.00              | 29.59                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

**Local Climatological Data**  
**Hourly Observations**  
**June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation) | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|----------------------------------|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             | AU   AW   MW                     | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6                                | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0052       | 7            | CLR:00         | 10.00       |                                  | 80            | 26.7 | 65            | 18.3 | 55             | 12.8 | 42        | 0                | 000            |                  | 29.71                | 8           | +0.00                  | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 0152       | 7            | CLR:00         | 10.00       |                                  | 75            | 23.9 | 63            | 17.3 | 55             | 12.8 | 50        | 0                | 000            |                  | 29.71                |             |                        | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 0252       | 7            | CLR:00         | 10.00       |                                  | 77            | 25.0 | 64            | 18.0 | 56             | 13.3 | 48        | 3                | 090            |                  | 29.71                |             |                        | 29.60                   | FM-15       | 0.00              | 29.59                     |
| 23   | 0352       | 7            | CLR:00         | 10.00       |                                  | 70            | 21.1 | 61            | 16.2 | 55             | 12.8 | 59        | 3                | 070            |                  | 29.73                | 3           | -0.02                  | 29.61                   | FM-15       | 0.00              | 29.61                     |
| 23   | 0452       | 7            | CLR:00         | 10.00       |                                  | 68            | 20.0 | 61            | 16.1 | 56             | 13.3 | 65        | 3                | 160            |                  | 29.75                |             |                        | 29.64                   | FM-15       | 0.00              | 29.63                     |
| 23   | 0552       | 7            | CLR:00         | 10.00       |                                  | 78            | 25.6 | 67            | 19.3 | 60             | 15.6 | 54        | 6                | 170            |                  | 29.78                |             |                        | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 23   | 0652       | 7            | CLR:00         | 10.00       |                                  | 87            | 30.6 | 72            | 22.1 | 64             | 17.8 | 46        | 14               | 150            | 18               | 29.81                | 3           | -0.09                  | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 23   | 0752       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 73            | 22.6 | 65             | 18.3 | 46        | 13               | 150            | 21               | 29.84                |             |                        | 29.72                   | FM-15       | 0.00              | 29.72                     |
| 23   | 0852       | 7            | CLR:00         | 10.00       |                                  | 90            | 32.2 | 74            | 23.2 | 66             | 18.9 | 45        | 11               | 160            | 17               | 29.84                |             |                        | 29.72                   | FM-15       | 0.00              | 29.72                     |
| 23   | 0952       | 7            | CLR:00         | 10.00       |                                  | 94            | 34.4 | 75            | 24.2 | 67             | 19.4 | 41        | 10               | 170            |                  | 29.84                | 1           | -0.02                  | 29.72                   | FM-15       | 0.00              | 29.72                     |
| 23   | 1052       | 7            | CLR:00         | 10.00       |                                  | 96            | 35.6 | 76            | 24.4 | 67             | 19.4 | 39        | 8                | 120            |                  | 29.82                |             |                        | 29.71                   | FM-15       | 0.00              | 29.70                     |
| 23   | 1152       | 7            | CLR:00         | 10.00       |                                  | 99            | 37.2 | 75            | 24.0 | 64             | 17.8 | 32        | 10               | 160            |                  | 29.80                |             |                        | 29.69                   | FM-15       | 0.00              | 29.68                     |
| 23   | 1252       | 7            | CLR:00         | 9.00        |                                  | 101           | 38.3 | 77            | 25.1 | 67             | 19.4 | 33        | 9                | 130            |                  | 29.78                | 8           | +0.06                  | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 23   | 1352       | 7            | CLR:00         | 10.00       |                                  | 105           | 40.6 | 72            | 22.3 | 54             | 12.2 | 18        | 10               | 150            | 16               | 29.75                |             |                        | 29.64                   | FM-15       | 0.00              | 29.63                     |
| 23   | 1452       | 7            | CLR:00         | 10.00       |                                  | 105           | 40.6 | 70            | 21.2 | 49             | 9.4  | 15        | 7                | 140            |                  | 29.73                |             |                        | 29.62                   | FM-15       | 0.00              | 29.61                     |
| 23   | 1552       | 7            | CLR:00         | 10.00       |                                  | 106           | 41.1 | 76            | 24.4 | 62             | 16.7 | 24        | 7                | VRB            |                  | 29.71                | 6           | +0.07                  | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 1652       | 7            | CLR:00         | 8.00        |                                  | 103           | 39.4 | 76            | 24.5 | 64             | 17.8 | 28        | 5                | VRB            |                  | 29.69                |             |                        | 29.58                   | FM-15       | 0.00              | 29.57                     |
| 23   | 1752       | 7            | CLR:00         | 8.00        |                                  | 102           | 38.9 | 72            | 22.3 | 56             | 13.3 | 22        | 7                | 160            |                  | 29.70                |             |                        | 29.58                   | FM-15       | 0.00              | 29.58                     |
| 23   | 1852       | 7            | CLR:00         | 9.00        |                                  | 97            | 36.1 | 74            | 23.4 | 63             | 17.2 | 33        | 6                | 130            |                  | 29.71                | 3           | -0.00                  | 29.59                   | FM-15       | 0.00              | 29.59                     |
| 23   | 1952       | 7            | CLR:00         | 10.00       |                                  | 92            | 33.3 | 72            | 22.1 | 61             | 16.1 | 36        | 5                | 160            |                  | 29.73                |             |                        | 29.62                   | FM-15       | 0.00              | 29.61                     |
| 23   | 2052       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 69            | 20.6 | 58             | 14.4 | 36        | 5                | 200            |                  | 29.76                |             |                        | 29.65                   | FM-15       | 0.00              | 29.64                     |
| 23   | 2152       | 7            | CLR:00         | 10.00       |                                  | 85            | 29.4 | 69            | 20.3 | 59             | 15.0 | 42        | 7                | 240            |                  | 29.78                | 1           | -0.07                  | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 23   | 2252       | 7            | CLR:00         | 10.00       |                                  | 84            | 28.9 | 68            | 20.1 | 59             | 15.0 | 43        | 3                | 010            |                  | 29.78                |             |                        | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 23   | 2352       | 7            | CLR:00         | 10.00       |                                  | 78            | 25.6 | 66            | 19.0 | 59             | 15.0 | 52        | 0                | 000            |                  | 29.78                |             |                        | 29.67                   | FM-15       | 0.00              | 29.66                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

Local Climatological Data  
 Hourly Observations  
 June 2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0052       | 7            | CLR:00         | 10.00       |  | 78            | 25.6 | 65            | 18.4 | 57             | 13.9 | 48        | 6                | 320            |                  | 29.79                | 1           | -0.01                  | 29.67                   | FM-15       | 0.00              | 29.67                     |
| 24   | 0152       | 7            | CLR:00         | 10.00       |  | 76            | 24.4 | 65            | 18.1 | 57             | 13.9 | 52        | 3                | 010            |                  | 29.79                |             |                        | 29.68                   | FM-15       | 0.00              | 29.67                     |
| 24   | 0252       | 7            | CLR:00         | 10.00       |  | 73            | 22.8 | 62            | 16.9 | 55             | 12.8 | 53        | 3                | 360            |                  | 29.81                |             |                        | 29.69                   | FM-15       | 0.00              | 29.69                     |
| 24   | 0352       | 7            | CLR:00         | 10.00       |  | 77            | 25.0 | 64            | 17.7 | 55             | 12.8 | 47        | 6                | 040            |                  | 29.82                | 3           | -0.04                  | 29.71                   | FM-15       | 0.00              | 29.70                     |
| 24   | 0452       | 7            | CLR:00         | 10.00       |  | 70            | 21.1 | 61            | 16.3 | 55             | 12.8 | 59        | 0                | 000            |                  | 29.85                |             |                        | 29.76                   | FM-15       | 0.00              | 29.73                     |
| 24   | 0552       | 7            | CLR:00         | 10.00       |  | 79            | 26.1 | 66            | 18.9 | 58             | 14.4 | 49        | 0                | 000            |                  | 29.87                |             |                        | 29.75                   | FM-15       | 0.00              | 29.75                     |
| 24   | 0652       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 66            | 19.0 | 54             | 12.2 | 35        | 3                | 350            |                  | 29.89                | 3           | -0.07                  | 29.78                   | FM-15       | 0.00              | 29.77                     |
| 24   | 0752       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 71            | 21.5 | 62             | 16.7 | 43        | 5                | 160            |                  | 29.91                |             |                        | 29.79                   | FM-15       | 0.00              | 29.79                     |
| 24   | 0852       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 72            | 22.3 | 63             | 17.2 | 41        | 5                | 090            |                  | 29.91                |             |                        | 29.80                   | FM-15       | 0.00              | 29.79                     |
| 24   | 0952       | 7            | CLR:00         | 10.00       |  | 93            | 33.9 | 72            | 22.2 | 61             | 16.1 | 34        | 0                | 000            |                  | 29.91                | 1           | -0.01                  | 29.80                   | FM-15       | 0.00              | 29.79                     |
| 24   | 1052       | 7            | CLR:00         | 10.00       |  | 95            | 35.0 | 71            | 21.7 | 58             | 14.4 | 29        | 0                | 000            |                  | 29.89                |             |                        | 29.78                   | FM-15       | 0.00              | 29.77                     |
| 24   | 1152       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 72            | 22.5 | 59             | 15.0 | 27        | 9                | 130            |                  | 29.88                |             |                        | 29.76                   | FM-15       | 0.00              | 29.76                     |
| 24   | 1252       | 7            | CLR:00         | 10.00       |  | 101           | 38.3 | 71            | 21.9 | 55             | 12.8 | 22        | 7                | 120            |                  | 29.85                | 8           | +0.06                  | 29.74                   | FM-15       | 0.00              | 29.73                     |
| 24   | 1352       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 70            | 21.1 | 50             | 10.0 | 17        | 0                | 000            |                  | 29.83                |             |                        | 29.72                   | FM-15       | 0.00              | 29.71                     |
| 24   | 1452       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 69            | 20.5 | 46             | 7.8  | 14        | 6                | 140            |                  | 29.82                |             |                        | 29.70                   | FM-15       | 0.00              | 29.70                     |
| 24   | 1552       | 7            | CLR:00         | 10.00       |  | 105           | 40.6 | 67            | 19.6 | 40             | 4.4  | 11        | 5                | VRB            |                  | 29.79                | 8           | +0.06                  | 29.68                   | FM-15       | 0.00              | 29.67                     |
| 24   | 1652       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 69            | 20.5 | 46             | 7.8  | 14        | 7                | 170            |                  | 29.77                |             |                        | 29.68                   | FM-15       | 0.00              | 29.65                     |
| 24   | 1752       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 67            | 19.6 | 43             | 6.1  | 13        | 8                | 140            |                  | 29.77                |             |                        | 29.66                   | FM-15       | 0.00              | 29.65                     |
| 24   | 1852       | 7            | CLR:00         | 10.00       |  | 94            | 34.4 | 67            | 19.4 | 49             | 9.4  | 21        | 5                | 130            |                  | 29.78                | 5           | +0.01                  | 29.67                   | FM-15       | 0.00              | 29.66                     |
| 24   | 1952       | 7            | CLR:00         | 10.00       |  | 94            | 34.4 | 67            | 19.6 | 50             | 10.0 | 22        | 9                | 340            |                  | 29.80                |             |                        | 29.68                   | FM-15       | 0.00              | 29.68                     |
| 24   | 2052       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 67            | 19.7 | 52             | 11.1 | 26        | 11               | 340            |                  | 29.81                |             |                        | 29.70                   | FM-15       | 0.00              | 29.69                     |
| 24   | 2152       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 67            | 19.4 | 52             | 11.1 | 27        | 9                | 330            |                  | 29.82                | 1           | -0.04                  | 29.71                   | FM-15       | 0.00              | 29.70                     |
| 24   | 2252       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 66            | 19.0 | 52             | 11.1 | 29        | 9                | 330            |                  | 29.83                |             |                        | 29.72                   | FM-15       | 0.00              | 29.71                     |
| 24   | 2352       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 65            | 18.1 | 53             | 11.7 | 37        | 5                | 150            |                  | 29.86                |             |                        | 29.74                   | FM-15       | 0.00              | 29.74                     |

# STATION: MMML  
 # STATION NAME: Maxfield International Air Port  
**June 23, 2018 Exceptional Event, Imperial County**

**Appendix B**

# LATITUDE: 32.63060  
 # LONGITUDE: -115.24160  
 # ELEVATION [ft]: 84  
 # STATE: BCN

| Station_ID | Date_Time            | altimeter_set_1<br>INHG | air_temp_set_1<br>Fahrenheit | dew_point_temperature_set_1<br>Fahrenheit | relative_humidity_set_1<br>% | wind_speed_set_1<br>Miles/hour | wind_direction_set_1<br>Degrees | wind_gust_set_1<br>Miles/hour | visibility_set_1<br>Statute miles |
|------------|----------------------|-------------------------|------------------------------|---|------------------------------|--------------------------------|---------------------------------|-------------------------------|-----------------------------------|
| MMML       | 06/21/2018 23:45 PDT | 29.72                   | 78.8                         |   | 60.8                         | 54.14                          | 6.91                            | 120                           | 10                                |
| MMML       | 06/22/2018 00:44 PDT | 29.72                   | 77                           |   | 59                           | 53.88                          | 5.75                            | 80                            | 10                                |
| MMML       | 06/22/2018 05:52 PDT | 29.73                   | 71.6                         |   | 51.8                         | 49.7                           | 3.44                            | 120                           | 10                                |
| MMML       | 06/22/2018 06:40 PDT | 29.75                   | 73.4                         |   | 50                           | 43.76                          | 6.91                            | 110                           | 10                                |
| MMML       | 06/22/2018 07:44 PDT | 29.76                   | 78.8                         |   | 60.8                         | 54.14                          | 8.05                            | 130                           | 10                                |
| MMML       | 06/22/2018 08:47 PDT | 29.77                   | 84.2                         |   | 62.6                         | 48.42                          | 6.91                            | 120                           | 10                                |
| MMML       | 06/22/2018 09:41 PDT | 29.77                   | 89.6                         |   | 64.4                         | 43.46                          | 6.91                            | 120                           | 10                                |
| MMML       | 06/22/2018 10:47 PDT | 29.76                   | 95                           |   | 57.2                         | 28.48                          | 5.75                            | 150                           | 10                                |
| MMML       | 06/22/2018 11:40 PDT | 29.75                   | 100.4                        |   | 50                           | 18.58                          | 8.05                            | 130                           | 10                                |
| MMML       | 06/22/2018 12:40 PDT | 29.72                   | 104                          |   | 41                           | 11.86                          | 8.05                            | 100                           | 10                                |
| MMML       | 06/22/2018 13:47 PDT | 29.69                   | 105.8                        |   | 46.4                         | 13.83                          | 8.05                            | 150                           | 10                                |
| MMML       | 06/22/2018 14:52 PDT | 29.67                   | 107.6                        |   | 41                           | 10.67                          | 4.61                            | 160                           | 10                                |
| MMML       | 06/22/2018 15:52 PDT | 29.64                   | 107.6                        |   | 39.2                         | 9.95                           | 10.36                           | 160                           | 10                                |
| MMML       | 06/22/2018 16:40 PDT | 29.62                   | 109.4                        |   | 42.8                         | 10.86                          | 6.91                            | 170                           | 10                                |
| MMML       | 06/22/2018 17:51 PDT | 29.6                    | 104                          |   | 44.6                         | 13.62                          | 12.66                           | 150                           | 10                                |
| MMML       | 06/22/2018 18:44 PDT | 29.6                    | 100.4                        |   | 50                           | 18.58                          | 9.22                            | 140                           | 10                                |
| MMML       | 06/22/2018 19:46 PDT | 29.6                    | 93.2                         |   | 53.6                         | 26.42                          | 8.05                            | 140                           | 10                                |
| MMML       | 06/22/2018 20:52 PDT | 29.61                   | 87.8                         |   | 53.6                         | 31.27                          | 6.91                            | 150                           | 10                                |
| MMML       | 06/22/2018 21:52 PDT | 29.63                   | 84.2                         |   | 59                           | 42.63                          | 9.22                            | 130                           | 10                                |
| MMML       | 06/22/2018 22:44 PDT | 29.64                   | 82.4                         |   | 57.2                         | 42.34                          | 6.91                            | 130                           | 10                                |
| MMML       | 06/22/2018 23:49 PDT | 29.64                   | 80.6                         |   | 55.4                         | 42.06                          | 6.91                            | 140                           | 10                                |
| MMML       | 06/23/2018 00:45 PDT | 29.63                   | 78.8                         |   | 57.2                         | 47.61                          | 8.05                            | 110                           | 10                                |
| MMML       | 06/23/2018 05:54 PDT | 29.67                   | 71.6                         |   | 62.6                         | 73.32                          | 11.5                            | 110                           | 10                                |
| MMML       | 06/23/2018 06:42 PDT | 29.68                   | 73.4                         |   | 62.6                         | 69.01                          | 11.5                            | 110                           | 10                                |
| MMML       | 06/23/2018 07:40 PDT | 29.71                   | 78.8                         |   | 69.8                         | 74.02                          | 14.97                           | 110                           | 10                                |
| MMML       | 06/23/2018 08:41 PDT | 29.72                   | 84.2                         |   | 71.6                         | 66.04                          | 23.02                           | 150                           | 10                                |
| MMML       | 06/23/2018 09:44 PDT | 29.73                   | 87.8                         |   | 68                           | 52.09                          | 17.27                           | 150                           | 6                                 |
| MMML       | 06/23/2018 10:43 PDT | 29.73                   | 89.6                         |   | 68                           | 49.23                          | 19.57                           | 140                           | 4                                 |
| MMML       | 06/23/2018 11:42 PDT | 29.73                   | 91.4                         |   | 64.4                         | 41.08                          | 24.16                           | 140                           | 3                                 |
| MMML       | 06/23/2018 12:47 PDT | 29.71                   | 95                           |   | 62.6                         | 34.51                          | 17.27                           | 130                           | 3                                 |
| MMML       | 06/23/2018 13:41 PDT | 29.71                   | 95                           |   | 60.8                         | 32.39                          | 12.66                           | 140                           | 5                                 |
| MMML       | 06/23/2018 14:50 PDT | 29.68                   | 96.8                         |   | 57.2                         | 26.96                          | 14.97                           | 160                           | 10                                |
| MMML       | 06/23/2018 15:46 PDT | 29.67                   | 96.8                         |   | 55.4                         | 25.26                          | 14.97                           | 110                           | 10                                |
| MMML       | 06/23/2018 16:52 PDT | 29.65                   | 96.8                         |   | 51.8                         | 22.14                          | 16.11                           | 130                           | 10                                |
| MMML       | 06/23/2018 17:58 PDT | 29.64                   | 93.2                         |   | 51.8                         | 24.73                          | 19.57                           | 130                           | 10                                |
| MMML       | 06/23/2018 18:54 PDT | 29.64                   | 91.4                         |   | 53.6                         | 27.93                          | 13.8                            | 150                           | 10                                |
| MMML       | 06/23/2018 19:40 PDT | 29.64                   | 87.8                         |   | 53.6                         | 31.27                          | 11.5                            | 130                           | 10                                |
| MMML       | 06/23/2018 20:45 PDT | 29.65                   | 82.4                         |   | 62.6                         | 51.31                          | 8.05                            | 130                           | 10                                |
| MMML       | 06/23/2018 21:48 PDT | 29.67                   | 80.6                         |   | 64.4                         | 57.94                          | 10.36                           | 130                           | 10                                |
| MMML       | 06/23/2018 22:49 PDT | 29.69                   | 78.8                         |   | 64.4                         | 61.44                          | 3.44                            | 150                           | 10                                |
| MMML       | 06/23/2018 23:40 PDT | 29.68                   | 78.8                         |   | 66.2                         | 65.41                          | 6.91                            | 130                           | 10                                |
| MMML       | 06/24/2018 00:41 PDT | 29.69                   | 77                           |   | 64.4                         | 65.2                           | 4.61                            | 70                            | 10                                |
| MMML       | 06/24/2018 05:56 PDT | 29.75                   | 69.8                         |   | 60.8                         | 73.15                          | 6.91                            | 90                            | 10                                |
| MMML       | 06/24/2018 06:43 PDT | 29.77                   | 73.4                         |   | 60.8                         | 64.76                          | 5.75                            | 90                            | 10                                |
| MMML       | 06/24/2018 07:40 PDT | 29.79                   | 77                           |   | 62.6                         | 61.21                          | 8.05                            | 110                           | 10                                |
| MMML       | 06/24/2018 08:43 PDT | 29.81                   | 82.4                         |   | 62.6                         | 51.31                          | 6.91                            | 100                           | 10                                |
| MMML       | 06/24/2018 09:44 PDT | 29.81                   | 84.2                         |   | 62.6                         | 48.42                          | 3.44                            | 160                           | 10                                |
| MMML       | 06/24/2018 10:44 PDT | 29.82                   | 89.6                         |   | 59                           | 35.92                          | 6.91                            | 100                           | 10                                |
| MMML       | 06/24/2018 11:45 PDT | 29.82                   | 93.2                         |   | 55.4                         | 28.21                          | 3.44                            | 170                           | 10                                |
| MMML       | 06/24/2018 12:47 PDT | 29.8                    | 95                           |   | 51.8                         | 23.4                           | 8.05                            | 140                           | 10                                |
| MMML       | 06/24/2018 13:51 PDT | 29.78                   | 98.6                         |   | 44.6                         | 16.01                          | 6.91                            | 180                           | 10                                |
| MMML       | 06/24/2018 14:49 PDT | 29.76                   | 100.4                        |   | 41                           | 13.21                          | 6.91                            | 150                           | 10                                |
| MMML       | 06/24/2018 15:46 PDT | 29.74                   | 102.2                        |   | 35.6                         | 10.13                          | 5.75                            | 200                           | 10                                |
| MMML       | 06/24/2018 16:45 PDT | 29.72                   | 102.2                        |   | 33.8                         | 9.43                           | 8.05                            | 150                           | 10                                |
| MMML       | 06/24/2018 17:51 PDT | 29.7                    | 102.2                        |   | 35.6                         | 10.13                          | 6.91                            | 140                           | 10                                |
| MMML       | 06/24/2018 18:59 PDT | 29.7                    | 95                           |   | 51.8                         | 23.4                           | 10.36                           | 130                           | 10                                |
| MMML       | 06/24/2018 19:50 PDT | 29.7                    | 89.6                         |   | 53.6                         | 29.55                          | 8.05                            | 150                           | 10                                |
| MMML       | 06/24/2018 20:51 PDT | 29.71                   | 84.2                         |   | 59.4                         | 37.44                          | 11.5                            | 150                           | 10                                |
| MMML       | 06/24/2018 21:42 PDT | 29.73                   | 82.4                         |   | 59                           | 45.17                          | 12.66                           | 120                           | 10                                |



# STATION: MMML  
**June 23, 2018 Exceptional Event, Imperial County**

**Appendix B**

# STATION NAME: Imperial International Airport  
# LATITUDE: 32.63060  
# LONGITUDE: -115.24160  
# ELEVATION [ft]: 84  
# STATE: BCN

|      |                      |       |      |      |       |      |     |    |
|------|----------------------|-------|------|------|-------|------|-----|----|
| MMML | 06/24/2018 22:51 PDT | 29.73 | 78.8 | 62.6 | 57.69 | 8.05 | 170 | 10 |
| MMML | 06/24/2018 23:51 PDT | 29.75 | 77   | 64.4 | 65.2  | 6.91 | 110 | 10 |
| MMML | 06/25/2018 00:43 PDT | 29.76 | 77   | 57.2 | 50.52 | 3.44 | 70  | 10 |
| MMML | 06/25/2018 06:04 PDT | 29.82 | 71.6 | 55.4 | 56.7  | 3.44 | 80  | 10 |
| MMML | 06/25/2018 06:51 PDT | 29.83 | 75.2 | 59   | 57.2  | 3.44 | 90  | 10 |

# STATION: MMLL  
 # STATION NAME: Merrill Field, Merrillana  
 # LATITUDE: 32.63060  
 # LONGITUDE: -115.24160  
 # ELEVATION [ft]: 84  
 # STATE: BCN

# June 23, 2018 Exceptional Event, Imperial County

# Appendix B

| Station_ID | Date_Time            | metar_set_1<br>text  | dew_point_temperature_set_1d<br>Fahrenheit | wind_cardinal_direction_set_1d<br>Code | heat_index_set_1d<br>Fahrenheit | weather_condition_set_1d<br>Code |
|------------|----------------------|--|--|--|---------------------------------|----------------------------------|
| MMLL       | 06/21/2018 23:45 PDT | METAR MMLL 220645Z 12006KT 10SM SKC 26/16 A2972 RMK FU SE                | 60.81                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/22/2018 00:44 PDT | METAR MMLL 220744Z 08005KT 10SM SKC 25/15 A2972                          | 58.99                                      | E                                      |                                 | Clear                            |
| MMLL       | 06/22/2018 05:52 PDT | METAR MMLL 221252Z 12003KT 10SM SKC 22/11 A2973 RMK RTS                  | 51.75                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/22/2018 06:40 PDT | METAR MMLL 221340Z 11006KT 10SM SKC 23/10 A2975                          | 49.96                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/22/2018 07:44 PDT | METAR MMLL 221444Z 13007KT 10SM SKC 26/16 A2976 RMK SLP078 5//// 977     | 60.81                                      | SE                                     |                                 | Clear                            |
| MMLL       | 06/22/2018 08:47 PDT | METAR MMLL 221547Z 12006KT 10SM SKC 29/17 A2977                          | 62.66                                      | ESE                                    | 85.05                           | Clear                            |
| MMLL       | 06/22/2018 09:41 PDT | METAR MMLL 221641Z 12006KT 10SM SKC 32/18 A2977                          | 64.53                                      | ESE                                    | 91.27                           | Clear                            |
| MMLL       | 06/22/2018 10:47 PDT | METAR MMLL 221747Z 15005KT 10SM SKC 35/14 A2976 RMK SLP078 54000 977     | 57.47                                      | SSE                                    | 93.86                           | Clear                            |
| MMLL       | 06/22/2018 11:40 PDT | METAR MMLL 221840Z 13007KT 10SM SKC 38/10 A2975                          | 50.47                                      | SE                                     | 97.45                           | Clear                            |
| MMLL       | 06/22/2018 12:40 PDT | METAR MMLL 221940Z 10007KT 10SM SKC 40/05 A2972                          | 41.68                                      | E                                      | 99                              | Clear                            |
| MMLL       | 06/22/2018 13:47 PDT | METAR MMLL 222047Z 15007KT 10SM SKC 41/08 A2969 RMK SLP054 57023 983     | 47.08                                      | SSE                                    | 102.01                          | Clear                            |
| MMLL       | 06/22/2018 14:52 PDT | METAR MMLL 222152Z 16004KT 10SM SKC 42/05 A2967                          | 41.81                                      | SSE                                    | 102.2                           | Clear                            |
| MMLL       | 06/22/2018 15:52 PDT | METAR MMLL 222252Z 16009KT 10SM SKC 42/04 A2964                          | 40.03                                      | SSE                                    | 101.76                          | Clear                            |
| MMLL       | 06/22/2018 16:40 PDT | METAR MMLL 222340Z 17006KT 10SM SKC 43/06 A2962 RMK SLP030 57023 983     | 43.66                                      | S                                      | 104.3                           | Clear                            |
| MMLL       | 06/22/2018 17:51 PDT | METAR MMLL 230051Z 15011KT 10SM SKC 40/07 A2960                          | 45.24                                      | SSE                                    | 99.85                           | Clear                            |
| MMLL       | 06/22/2018 18:44 PDT | METAR MMLL 230144Z 14008KT 10SM SKC 38/10 A2960                          | 50.47                                      | SE                                     | 97.45                           | Clear                            |
| MMLL       | 06/22/2018 19:46 PDT | METAR MMLL 230246Z 14007KT 10SM SKC 34/12 A2960 RMK SLP024 57007 983     | 53.86                                      | SE                                     | 90.89                           | Clear                            |
| MMLL       | 06/22/2018 20:52 PDT | METAR MMLL 230352Z 15006KT 10SM SKC 31/12 A2961                          | 53.74                                      | SSE                                    | 85.74                           | Clear                            |
| MMLL       | 06/22/2018 21:52 PDT | METAR MMLL 230452Z 13008KT 10SM SKC 29/15 A2963                          | 59.07                                      | SE                                     | 83.93                           | Clear                            |
| MMLL       | 06/22/2018 22:44 PDT | METAR MMLL 230544Z 13006KT 10SM SKC 28/14 A2964 RMK SLP037 52013 977     | 57.24                                      | SE                                     | 82.09                           | Clear                            |
| MMLL       | 06/22/2018 23:49 PDT | METAR MMLL 230649Z 14006KT 10SM SKC 27/13 A2964                          | 55.43                                      | SE                                     | 80.54                           | Clear                            |
| MMLL       | 06/23/2018 00:45 PDT | METAR MMLL 230745Z 11007KT 10SM SKC 26/14 A2963                          | 57.21                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/23/2018 05:54 PDT | METAR MMLL 231254Z 11010KT 10SM SKC 22/17 A2967 RMK RTS                  | 62.57                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/23/2018 06:42 PDT | METAR MMLL 231342Z 11010KT 10SM SKC 23/17 A2968                          | 62.58                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/23/2018 07:40 PDT | METAR MMLL 231440Z 11013KT 10SM SKC 26/21 A2971 RMK SLP061 5//// 967     | 69.81                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/23/2018 08:41 PDT | METAR MMLL 231541Z 15020KT 10SM SKC 29/22 A2972 RMK HZY                  | 71.64                                      | SSE                                    | 89.63                           | Clear                            |
| MMLL       | 06/23/2018 09:44 PDT | METAR MMLL 231644Z 15015KT 6SM BLDU SKC 31/20 A2973                      | 68.09                                      | SSE                                    | 91.47                           | Blowing Dust                     |
| MMLL       | 06/23/2018 10:43 PDT | METAR MMLL 231743Z 14017KT 4SM BLDU SKC 32/20 A2973 RMK SLP068 52007 960 | 68.12                                      | SE                                     | 93.53                           | Blowing Dust                     |
| MMLL       | 06/23/2018 11:42 PDT | METAR MMLL 231842Z 14021KT 3SM BLDU SKC 33/18 A2973                      | 64.56                                      | SE                                     | 93.23                           | Blowing Dust                     |
| MMLL       | 06/23/2018 12:47 PDT | METAR MMLL 231947Z 13015KT 3SM BLDU SKC 35/17 A2971                      | 62.83                                      | SE                                     | 96.27                           | Blowing Dust                     |
| MMLL       | 06/23/2018 13:41 PDT | METAR MMLL 232041Z 14011KT 5SM BLDU SKC 35/16 A2971 RMK SLP061 57007 907 | 61.05                                      | SE                                     | 95.36                           | Blowing Dust                     |
| MMLL       | 06/23/2018 14:50 PDT | METAR MMLL 232150Z 16013KT 10SM SKC 36/14 A2968 RMK HZY                  | 57.52                                      | SSE                                    | 95.82                           | Clear                            |
| MMLL       | 06/23/2018 15:46 PDT | METAR MMLL 232246Z 11013KT 10SM SKC 36/13 A2967 RMK HZY                  | 55.73                                      | ESE                                    | 95.18                           | Clear                            |
| MMLL       | 06/23/2018 16:52 PDT | METAR MMLL 232352Z 13014KT 10SM SKC 36/11 A2965 RMK SLP041 57020 910     | 52.15                                      | SE                                     | 94.15                           | Clear                            |
| MMLL       | 06/23/2018 17:58 PDT | METAR MMLL 240058Z RTD 13017KT 10SM SKC 34/11 A2964                      | 52.07                                      | SE                                     | 90.47                           | Clear                            |
| MMLL       | 06/23/2018 18:54 PDT | METAR MMLL 240154Z 15012KT 10SM SKC 33/12 A2964                          | 53.81                                      | SSE                                    | 89.1                            | Clear                            |
| MMLL       | 06/23/2018 19:40 PDT | METAR MMLL 240240Z 13010KT 10SM SKC 31/12 A2964 RMK SLP037 57003 913     | 53.74                                      | SE                                     | 85.74                           | Clear                            |
| MMLL       | 06/23/2018 20:45 PDT | METAR MMLL 240345Z 13007KT 10SM SKC 28/17 A2965                          | 62.64                                      | SE                                     | 83.42                           | Clear                            |
| MMLL       | 06/23/2018 21:48 PDT | METAR MMLL 240448Z 13009KT 10SM SKC 27/18 A2967                          | 64.42                                      | SE                                     | 82.28                           | Clear                            |
| MMLL       | 06/23/2018 22:49 PDT | METAR MMLL 240549Z 15003KT 10SM SKC 26/18 A2969 RMK SLP054 52017 923     | 64.4                                       | SSE                                    |                                 | Clear                            |
| MMLL       | 06/23/2018 23:40 PDT | METAR MMLL 240640Z 13006KT 10SM SKC 26/19 A2968                          | 66.2                                       | SE                                     |                                 | Clear                            |
| MMLL       | 06/24/2018 00:41 PDT | METAR MMLL 240741Z 07004KT 10SM SKC 25/18 A2969                          | 64.4                                       | ENE                                    |                                 | Clear                            |
| MMLL       | 06/24/2018 05:56 PDT | METAR MMLL 241256Z 09006KT 10SM SKC 21/16 A2975 RMK RTS                  | 60.77                                      | E                                      |                                 | Clear                            |
| MMLL       | 06/24/2018 06:43 PDT | METAR MMLL 241343Z 09005KT 10SM SKC 23/16 A2977                          | 60.77                                      | E                                      |                                 | Clear                            |
| MMLL       | 06/24/2018 07:40 PDT | METAR MMLL 241440Z 11007KT 10SM SKC 25/17 A2979 RMK SLP088 5//// 927     | 62.59                                      | ESE                                    |                                 | Clear                            |
| MMLL       | 06/24/2018 08:43 PDT | METAR MMLL 241543Z 10006KT 10SM SKC 28/17 A2981                          | 62.64                                      | E                                      | 83.42                           | Clear                            |
| MMLL       | 06/24/2018 09:44 PDT | METAR MMLL 241644Z 16003KT 10SM SKC 29/17 A2981                          | 62.66                                      | SSE                                    | 85.05                           | Clear                            |
| MMLL       | 06/24/2018 10:44 PDT | METAR MMLL 241744Z 10006KT 10SM SKC 32/15 A2982 RMK SLP102 52013 933     | 59.15                                      | E                                      | 88.89                           | Clear                            |
| MMLL       | 06/24/2018 11:45 PDT | METAR MMLL 241845Z 17003KT 10SM SKC 34/13 A2982                          | 55.65                                      | S                                      | 91.38                           | Clear                            |
| MMLL       | 06/24/2018 12:47 PDT | METAR MMLL 241947Z 14007KT 10SM SKC 35/11 A2980                          | 52.12                                      | SE                                     | 92.29                           | Clear                            |
| MMLL       | 06/24/2018 13:51 PDT | METAR MMLL 242051Z 18006KT 10SM SKC 37/07 A2978 RMK SLP085 57013 923     | 45.07                                      | S                                      | 94.57                           | Clear                            |
| MMLL       | 06/24/2018 14:49 PDT | METAR MMLL 242149Z 15006KT 10SM SKC 38/05 A2976                          | 41.57                                      | SSE                                    | 95.81                           | Clear                            |
| MMLL       | 06/24/2018 15:46 PDT | METAR MMLL 242246Z 20005KT 10SM SKC 39/02 A2974                          | 36.3                                       | SSW                                    | 96.33                           | Clear                            |
| MMLL       | 06/24/2018 16:45 PDT | METAR MMLL 242345Z 15007KT 10SM SKC 39/01 A2972 RMK SLP064 57020 923     | 34.53                                      | SSE                                    | 96.03                           | Clear                            |
| MMLL       | 06/24/2018 17:51 PDT | METAR MMLL 250051Z 14006KT 10SM SKC 39/02 A2970                          | 36.3                                       | SE                                     | 96.33                           | Clear                            |
| MMLL       | 06/24/2018 18:59 PDT | METAR MMLL 250159Z RTD 13009KT 10SM SKC 35/11 A2970                      | 52.12                                      | SE                                     | 92.29                           | Clear                            |
| MMLL       | 06/24/2018 19:50 PDT | METAR MMLL 250250Z 15007KT 10SM SKC 32/12 A2970 RMK SLP058 57007 920     | 53.78                                      | SSE                                    | 87.38                           | Clear                            |
| MMLL       | 06/24/2018 20:51 PDT | METAR MMLL 250351Z 15010KT 10SM SKC 29/13 A2971                          | 55.47                                      | SSE                                    | 83.1                            | Clear                            |
| MMLL       | 06/24/2018 21:42 PDT | METAR MMLL 250442Z 12011KT 10SM SKC 28/15 A2973                          | 59.05                                      | ESE                                    | 82.48                           | Clear                            |

# STATION: MMML

# STATION NAME: Mexicali International

# LATITUDE: 32.63060

# LONGITUDE: -115.24160

# ELEVATION [ft]: 84

# STATE: BCN

# June 25, 2018 Exceptional Event, Imperial County

# Appendix B

MMML 06/24/2018 22:51 PDT METAR MMML 250551Z 17007KT 10SM SKC 26/17 A2973 RMK SLP068 52010 913

MMML 06/24/2018 23:51 PDT METAR MMML 250651Z 11006KT 10SM SKC 25/18 A2975

MMML 06/25/2018 00:43 PDT METAR MMML 250743Z 07003KT 10SM SKC 25/14 A2976

MMML 06/25/2018 06:04 PDT METAR MMML 251304Z RTD 08003KT 10SM SKC 22/13 A2982 RMK RTS

MMML 06/25/2018 06:51 PDT METAR MMML 251351Z 09003KT 10SM SKC 24/15 A2983

62.6 S

64.4 ESE

57.19 ENE

55.36 E

58.98 E

Clear

Clear

Clear

Clear

Clear

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 22   | 0053       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 66            | 18.8 | 52             | 11.1 | 30        | 0                | 000            |                  | 29.26                | 6           | +0.01                  | 29.73                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0153       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 65            | 18.5 | 51             | 10.6 | 29        | 0                | 000            |                  | 29.26                |             |                        | 29.72                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0253       | 7            | CLR:00         | 10.00       |  | 84            | 28.9 | 65            | 18.2 | 52             | 11.1 | 33        | 0                | 000            |                  | 29.26                |             |                        | 29.73                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0353       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 64            | 17.5 | 50             | 10.0 | 32        | 0                | 000            |                  | 29.26                | 6           | +0.00                  | 29.73                   | FM-15       | 0.00              | 29.74                     |
| 22   | 0453       | 7            | CLR:00         | 9.00        |  | 79            | 26.1 | 64            | 17.5 | 53             | 11.7 | 41        | 0                | 000            |                  | 29.28                |             |                        | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 22   | 0553       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 65            | 18.3 | 53             | 11.7 | 36        | 5                | 170            |                  | 29.30                |             |                        | 29.76                   | FM-15       | 0.00              | 29.78                     |
| 22   | 0653       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 66            | 18.6 | 50             | 10.0 | 26        | 5                | 120            |                  | 29.31                | 3           | -0.05                  | 29.78                   | FM-15       | 0.00              | 29.79                     |
| 22   | 0753       | 7            | CLR:00         | 10.00       |  | 93            | 33.9 | 67            | 19.6 | 51             | 10.6 | 24        | 7                | 140            |                  | 29.32                |             |                        | 29.78                   | FM-15       | 0.00              | 29.80                     |
| 22   | 0853       | 7            | CLR:00         | 10.00       |  | 97            | 36.1 | 68            | 19.8 | 49             | 9.4  | 20        | 6                | 120            |                  | 29.31                |             |                        | 29.77                   | FM-15       | 0.00              | 29.79                     |
| 22   | 0953       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 68            | 19.8 | 45             | 7.2  | 14        | 5                | VRB            |                  | 29.29                | 8           | +0.02                  | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 22   | 1053       | 7            | CLR:00         | 10.00       |  | 106           | 41.1 | 68            | 20.0 | 42             | 5.6  | 11        | 6                | 090            |                  | 29.27                |             |                        | 29.73                   | FM-15       | 0.00              | 29.75                     |
| 22   | 1153       | 7            | CLR:00         | 10.00       |  | 109           | 42.8 | 68            | 20.0 | 39             | 3.9  | 9         | 6                | 080            |                  | 29.24                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 22   | 1253       | 7            | CLR:00         | 10.00       |  | 111           | 43.9 | 68            | 20.2 | 38             | 3.3  | 8         | 8                | 140            |                  | 29.22                | 6           | +0.07                  | 29.68                   | FM-15       | 0.00              | 29.70                     |
| 22   | 1353       | 7            | CLR:00         | 10.00       |  | 112           | 44.4 | 68            | 19.9 | 35             | 1.7  | 7         | 7                | 090            |                  | 29.20                |             |                        | 29.66                   | FM-15       | 0.00              | 29.68                     |
| 22   | 1429       | 7            | CLR:00         | 10.00       |  | 113           | 45.0 | 68            | 20.1 | 35             | 1.7  | 7         | 17               | 330            | 25               | 29.18                |             |                        |                         | FM-16       |                   | 29.66                     |
| 22   | 1453       | 7            | CLR:00         | 10.00       |  | 114           | 45.6 | 68            | 20.1 | 34             | 1.1  | 6         | 3                | VRB            |                  | 29.17                |             |                        | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 22   | 1553       | 7            | CLR:00         | 10.00       |  | 115           | 46.1 | 70            | 21.3 | 41             | 5.0  | 8         | 13               | 360            |                  | 29.15                | 6           | +0.07                  | 29.61                   | FM-15       | 0.00              | 29.63                     |
| 22   | 1653       | 7            | CLR:00         | 10.00       |  | 112           | 44.4 | 71            | 21.4 | 45             | 7.2  | 11        | 14               | 320            | 21               | 29.14                |             |                        | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 22   | 1753       | 7            | CLR:00         | 10.00       |  | 108           | 42.2 | 70            | 21.4 | 48             | 8.9  | 13        | 20               | 320            | 25               | 29.14                |             |                        | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 22   | 1853       | 7            | CLR:00         | 10.00       |  | 105           | 40.6 | 70            | 21.1 | 49             | 9.4  | 15        | 18               | 320            |                  | 29.14                | 6           | +0.01                  | 29.60                   | FM-15       | 0.00              | 29.62                     |
| 22   | 1953       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 69            | 20.6 | 49             | 9.4  | 17        | 21               | 330            |                  | 29.15                |             |                        | 29.62                   | FM-15       | 0.00              | 29.63                     |
| 22   | 2053       | 7            | CLR:00         | 10.00       |  | 98            | 36.7 | 69            | 20.4 | 51             | 10.6 | 20        | 18               | 320            |                  | 29.17                |             |                        | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 22   | 2153       | 7            | CLR:00         | 10.00       |  | 97            | 36.1 | 67            | 19.4 | 47             | 8.3  | 18        | 13               | 310            |                  | 29.17                | 1           | -0.04                  | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 22   | 2253       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 67            | 19.4 | 51             | 10.6 | 25        | 3                | 280            |                  | 29.18                |             |                        | 29.64                   | FM-15       | 0.00              | 29.66                     |
| 22   | 2353       | 7            | CLR:00         | 10.00       |  | 89            | 31.7 | 66            | 19.1 | 52             | 11.1 | 28        | 6                | 140            |                  | 29.17                |             |                        | 29.64                   | FM-15       | 0.00              | 29.65                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0053       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 67            | 19.4 | 54             | 12.2 | 31        | 5                | 150            |                  | 29.17                | 8           | +0.00                  | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 23   | 0153       | 7            | CLR:00         | 10.00       |  | 86            | 30.0 | 66            | 19.1 | 54             | 12.2 | 33        | 5                | 100            |                  | 29.17                |             |                        | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 23   | 0253       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 66            | 19.1 | 56             | 13.3 | 40        | 3                | 220            |                  | 29.17                |             |                        | 29.63                   | FM-15       | 0.00              | 29.65                     |
| 23   | 0353       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 66            | 18.9 | 56             | 13.3 | 41        | 0                | 000            |                  | 29.18                | 3           | -0.01                  | 29.64                   | FM-15       | 0.00              | 29.66                     |
| 23   | 0453       | 7            | CLR:00         | 10.00       |  | 82            | 27.8 | 65            | 18.1 | 53             | 11.7 | 37        | 5                | 200            |                  | 29.20                |             |                        | 29.66                   | FM-15       | 0.00              | 29.68                     |
| 23   | 0553       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 65            | 18.3 | 53             | 11.7 | 36        | 6                | VRB            |                  | 29.23                |             |                        | 29.69                   | FM-15       | 0.00              | 29.71                     |
| 23   | 0653       | 7            | CLR:00         | 10.00       |  | 86            | 30.0 | 67            | 19.6 | 56             | 13.3 | 36        | 7                | VRB            |                  | 29.27                | 3           | -0.09                  | 29.73                   | FM-15       | 0.00              | 29.75                     |
| 23   | 0753       | 7            | CLR:00         | 10.00       |  | 88            | 31.1 | 70            | 21.4 | 61             | 16.1 | 40        | 13               | 100            |                  | 29.29                |             |                        | 29.76                   | FM-15       | 0.00              | 29.77                     |
| 23   | 0853       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 71            | 21.7 | 61             | 16.1 | 38        | 10               | 100            |                  | 29.29                |             |                        | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 23   | 0953       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 70            | 21.2 | 58             | 14.4 | 32        | 8                | VRB            |                  | 29.29                | 1           | -0.02                  | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 23   | 1053       | 7            | CLR:00         | 10.00       |  | 95            | 35.0 | 71            | 21.9 | 59             | 15.0 | 30        | 6                | VRB            |                  | 29.28                |             |                        | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 23   | 1153       | 7            | CLR:00         | 10.00       |  | 99            | 37.2 | 71            | 21.8 | 56             | 13.3 | 24        | 8                | 100            |                  | 29.26                |             |                        | 29.72                   | FM-15       | 0.00              | 29.74                     |
| 23   | 1253       | 7            | CLR:00         | 10.00       |  | 100           | 37.8 | 71            | 21.9 | 56             | 13.3 | 23        | 7                | 160            |                  | 29.24                | 8           | +0.06                  | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 23   | 1353       | 7            | CLR:00         | 10.00       |  | 102           | 38.9 | 71            | 21.5 | 53             | 11.7 | 19        | 7                | 090            |                  | 29.22                |             |                        | 29.68                   | FM-15       | 0.00              | 29.70                     |
| 23   | 1453       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 71            | 21.7 | 53             | 11.7 | 19        | 3                | VRB            |                  | 29.20                |             |                        | 29.66                   | FM-15       | 0.00              | 29.68                     |
| 23   | 1553       | 7            | CLR:00         | 10.00       |  | 104           | 40.0 | 72            | 22.1 | 54             | 12.2 | 19        | 3                | VRB            |                  | 29.18                | 8           | +0.06                  | 29.64                   | FM-15       | 0.00              | 29.66                     |
| 23   | 1653       | 7            | CLR:00         | 10.00       |  | 103           | 39.4 | 69            | 20.4 | 47             | 8.3  | 15        | 16               | 320            |                  | 29.16                |             |                        | 29.63                   | FM-15       | 0.00              | 29.64                     |
| 23   | 1753       | 7            | CLR:00         | 10.00       |  | 100           | 37.8 | 69            | 20.5 | 50             | 10.0 | 18        | 16               | 320            | 24               | 29.16                |             |                        | 29.63                   | FM-15       | 0.00              | 29.64                     |
| 23   | 1853       | 7            | CLR:00         | 10.00       |  | 95            | 35.0 | 68            | 20.1 | 52             | 11.1 | 23        | 14               | 320            |                  | 29.17                | 5           | +0.00                  | 29.64                   | FM-15       | 0.00              | 29.65                     |
| 23   | 1953       | 7            | CLR:00         | 10.00       |  | 92            | 33.3 | 68            | 20.1 | 54             | 12.2 | 28        | 16               | 320            |                  | 29.19                |             |                        | 29.66                   | FM-15       | 0.00              | 29.67                     |
| 23   | 2053       | 7            | CLR:00         | 10.00       |  | 90            | 32.2 | 68            | 19.8 | 54             | 12.2 | 29        | 13               | 320            |                  | 29.22                |             |                        | 29.68                   | FM-15       | 0.00              | 29.70                     |
| 23   | 2153       | 7            | CLR:00         | 10.00       |  | 87            | 30.6 | 67            | 19.3 | 54             | 12.2 | 32        | 5                | 020            |                  | 29.24                | 2           | -0.06                  | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 23   | 2253       | 7            | CLR:00         | 10.00       |  | 83            | 28.3 | 66            | 18.8 | 55             | 12.8 | 38        | 8                | 340            |                  | 29.25                |             |                        | 29.71                   | FM-15       | 0.00              | 29.73                     |
| 23   | 2353       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 65            | 18.2 | 54             | 12.2 | 39        | 5                | 310            |                  | 29.25                |             |                        | 29.71                   | FM-15       | 0.00              | 29.73                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

**Local Climatological Data**  
**Hourly Observations**  
**June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/08/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation) | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|----------------------------------|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             | AU   AW   MW                     | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6                                | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 24   | 0053       | 7            | CLR:00         | 10.00       |                                  | 78            | 25.6 | 64            | 17.6 | 54             | 12.2 | 43        | 3                | VRB            |                  | 29.25                | 1           | -0.01                  | 29.72                   | FM-15       | 0.00              | 29.73                     |
| 24   | 0153       | 7            | CLR:00         | 10.00       |                                  | 78            | 25.6 | 65            | 18.1 | 56             | 13.3 | 47        | 3                | 200            |                  | 29.25                |             |                        | 29.72                   | FM-15       | 0.00              | 29.73                     |
| 24   | 0253       | 7            | CLR:00         | 10.00       |                                  | 77            | 25.0 | 64            | 17.7 | 55             | 12.8 | 47        | 0                | 000            |                  | 29.26                |             |                        | 29.72                   | FM-15       | 0.00              | 29.74                     |
| 24   | 0353       | 7            | CLR:00         | 10.00       |                                  | 76            | 24.4 | 63            | 17.5 | 55             | 12.8 | 48        | 0                | 000            |                  | 29.28                | 3           | -0.02                  | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 24   | 0453       | 7            | CLR:00         | 10.00       |                                  | 75            | 23.9 | 64            | 17.5 | 56             | 13.3 | 52        | 0                | 000            |                  | 29.30                |             |                        | 29.77                   | FM-15       | 0.00              | 29.78                     |
| 24   | 0553       | 7            | CLR:00         | 10.00       |                                  | 78            | 25.6 | 64            | 17.6 | 54             | 12.2 | 43        | 5                | VRB            |                  | 29.32                |             |                        | 29.78                   | FM-15       | 0.00              | 29.80                     |
| 24   | 0653       | 7            | CLR:00         | 10.00       |                                  | 82            | 27.8 | 65            | 18.1 | 53             | 11.7 | 37        | 3                | VRB            |                  | 29.35                | 3           | -0.07                  | 29.81                   | FM-15       | 0.00              | 29.83                     |
| 24   | 0753       | 7            | CLR:00         | 10.00       |                                  | 85            | 29.4 | 66            | 18.9 | 54             | 12.2 | 35        | 3                | VRB            |                  | 29.36                |             |                        | 29.83                   | FM-15       | 0.00              | 29.84                     |
| 24   | 0853       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 67            | 19.2 | 53             | 11.7 | 30        | 6                | 090            |                  | 29.36                |             |                        | 29.83                   | FM-15       | 0.00              | 29.84                     |
| 24   | 0953       | 7            | CLR:00         | 10.00       |                                  | 91            | 32.8 | 68            | 20.0 | 54             | 12.2 | 28        | 6                | VRB            |                  | 29.36                | 0           | -0.01                  | 29.83                   | FM-15       | 0.00              | 29.84                     |
| 24   | 1053       | 7            | CLR:00         | 10.00       |                                  | 94            | 34.4 | 68            | 20.0 | 52             | 11.1 | 24        | 6                | VRB            |                  | 29.35                |             |                        | 29.81                   | FM-15       | 0.00              | 29.83                     |
| 24   | 1153       | 7            | CLR:00         | 10.00       |                                  | 98            | 36.7 | 68            | 20.0 | 49             | 9.4  | 19        | 6                | VRB            |                  | 29.33                |             |                        | 29.80                   | FM-15       | 0.00              | 29.81                     |
| 24   | 1253       | 7            | CLR:00         | 10.00       |                                  | 103           | 39.4 | 68            | 19.8 | 44             | 6.7  | 13        | 7                | 070            |                  | 29.31                | 8           | +0.05                  | 29.78                   | FM-15       | 0.00              | 29.79                     |
| 24   | 1353       | 7            | CLR:00         | 10.00       |                                  | 103           | 39.4 | 68            | 20.0 | 45             | 7.2  | 14        | 7                | VRB            |                  | 29.29                |             |                        | 29.75                   | FM-15       | 0.00              | 29.77                     |
| 24   | 1453       | 7            | CLR:00         | 10.00       |                                  | 104           | 40.0 | 68            | 20.2 | 45             | 7.2  | 13        | 6                | VRB            |                  | 29.27                |             |                        | 29.73                   | FM-15       | 0.00              | 29.75                     |
| 24   | 1553       | 7            | CLR:00         | 10.00       |                                  | 106           | 41.1 | 67            | 19.5 | 39             | 3.9  | 10        | 11               | 340            |                  | 29.25                | 6           | +0.06                  | 29.72                   | FM-15       | 0.00              | 29.73                     |
| 24   | 1653       | 7            | CLR:00         | 10.00       |                                  | 105           | 40.6 | 67            | 19.6 | 41             | 5.0  | 11        | 18               | 320            | 23               | 29.23                |             |                        | 29.70                   | FM-15       | 0.00              | 29.71                     |
| 24   | 1753       | 7            | CLR:00         | 10.00       |                                  | 101           | 38.3 | 68            | 19.9 | 46             | 7.8  | 15        | 14               | 320            |                  | 29.24                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                     |
| 24   | 1853       | 7            | CLR:00         | 10.00       |                                  | 96            | 35.6 | 68            | 19.9 | 50             | 10.0 | 21        | 17               | 320            |                  | 29.24                | 5           | +0.01                  | 29.71                   | FM-15       | 0.00              | 29.72                     |
| 24   | 1953       | 7            | CLR:00         | 10.00       |                                  | 93            | 33.9 | 67            | 19.6 | 51             | 10.6 | 24        | 18               | 320            |                  | 29.25                |             |                        | 29.72                   | FM-15       | 0.00              | 29.73                     |
| 24   | 2053       | 7            | CLR:00         | 10.00       |                                  | 90            | 32.2 | 67            | 19.3 | 52             | 11.1 | 27        | 16               | 320            |                  | 29.27                |             |                        | 29.74                   | FM-15       | 0.00              | 29.75                     |
| 24   | 2153       | 7            | CLR:00         | 10.00       |                                  | 88            | 31.1 | 65            | 18.5 | 50             | 10.0 | 27        | 13               | 320            |                  | 29.28                | 1           | -0.03                  | 29.74                   | FM-15       | 0.00              | 29.76                     |
| 24   | 2253       | 7            | CLR:00         | 10.00       |                                  | 86            | 30.0 | 64            | 17.8 | 49             | 9.4  | 28        | 8                | 310            |                  | 29.29                |             |                        | 29.76                   | FM-15       | 0.00              | 29.77                     |
| 24   | 2353       | 7            | CLR:00         | 10.00       |                                  | 85            | 29.4 | 64            | 17.9 | 50             | 10.0 | 30        | 7                | 290            |                  | 29.31                |             |                        | 29.77                   | FM-15       | 0.00              | 29.79                     |

# STATION: KNOZ  
 # STATION\_NAME: Yuma Auxiliary Airport  
 # LATITUDE: 32.50  
 # LONGITUDE: -114.45  
 # ELEVATION [ft]: 346  
 # STATE: AZ

## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/22/2018 02:59 MST | 44.96   | 28.21                                 | 10.36                              | 140                                 |                                       | 10                                | KNOZ 220959Z AUTO 14009KT 10SM CLR 27/07 A2973<br>RMK AO2 SLP016 T02720072                   | Clear  |
| KNOZ       | 06/22/2018 03:59 MST | 44.06   | 29.08                                 | 10.36                              | 130                                 |                                       | 10                                | KNOZ 221059Z AUTO 13009KT 10SM CLR 26/07 A2973<br>RMK AO2 SLP017 T02610067                   | Clear  |
| KNOZ       | 06/22/2018 04:59 MST | 44.06   | 29.08                                 | 10.36                              | 130                                 |                                       | 10                                | KNOZ 221159Z AUTO 13009KT 10SM CLR 26/07 A2974<br>RMK AO2 SLP018 T02610067 10300 20261 53001 | Clear  |
| KNOZ       | 06/22/2018 05:59 MST | 42.98   | 26.93                                 | 10.36                              | 140                                 |                                       | 10                                | KNOZ 221259Z AUTO 14009KT 10SM CLR 27/06 A2975<br>RMK AO2 SLP022 T02670061                   | Clear  |
| KNOZ       | 06/22/2018 06:59 MST | 41  | 21.95                                 | 6.91                               | 150                                 |                                       | 10                                | KNOZ 221359Z AUTO 15006KT 10SM CLR 29/05 A2977<br>RMK AO2 SLP028 T02890050                   | Clear  |
| KNOZ       | 06/22/2018 07:59 MST | 41  | 18.19                                 | 12.66                              | 150                                 |                                       | 10                                | KNOZ 221459Z AUTO 15011KT 10SM CLR 32/05 A2978<br>RMK AO2 SLP033 T03220050 53015             | Clear  |
| KNOZ       | 06/22/2018 08:59 MST | 39.92   | 15.86                                 | 8.05                               | 170                                 |                                       | 10                                | KNOZ 221559Z AUTO 17007KT 10SM CLR 34/04 A2979<br>RMK AO2 SLP037 T03390044                   | Clear  |
| KNOZ       | 06/22/2018 09:59 MST | 39.92   | 14.04                                 | 12.66                              | 170                                 |                                       | 10                                | KNOZ 221659Z AUTO 17011KT 10SM CLR 36/04 A2979<br>RMK AO2 SLP035 T03610044                   | Clear  |
| KNOZ       | 06/22/2018 10:59 MST | 39.92   | 13.22                                 | 11.5                               | 180                                 |                                       | 10                                | KNOZ 221759Z AUTO 18010KT 10SM CLR 37/04 A2978<br>RMK AO2 SLP033 T03720044 10372 20256 58000 | Clear  |
| KNOZ       | 06/22/2018 11:59 MST | 42.08   | 13.55                                 | 8.05                               | 190                                 |                                       | 10                                | KNOZ 221859Z AUTO 19007KT 10SM CLR 38/06 A2977<br>RMK AO2 SLP028 T03830056                   | Clear  |

# STATION: KNOZ  
 # STATION\_NAME: Yuma Auxiliary Airport  
 # LATITUDE: 32.50  
 # LONGITUDE: -114.45  
 # ELEVATION [ft]: 346  
 # STATE: AZ

June 23, 2018 Exceptional Event, Imperial County

Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/22/2018 12:59 MST | 42.08   | 12.37                                 | 6.91                               |                                     |                                       | 10                                | KNOZ 221959Z AUTO VRB06KT 10SM CLR 40/06 A2974<br>RMK AO2 SLP020 T04000056                         | Clear  |
| KNOZ       | 06/22/2018 13:59 MST | 42.98   | 11.7                                  | 8.05                               | 200                                 |                                       | 10                                | KNOZ 222059Z AUTO 20007KT 10SM CLR 42/06 A2972<br>RMK AO2 SLP011 T04170061 58022                   | Clear  |
| KNOZ       | 06/22/2018 14:59 MST | 42.98   | 11.4                                  | 11.5                               | 190                                 | 17.27                                 | 10                                | KNOZ 222159Z AUTO 19010G15KT 10SM CLR 42/06<br>A2969 RMK AO2 SLP002 T04220061                      | Clear  |
| KNOZ       | 06/22/2018 15:59 MST | 42.08   | 10.67                                 | 6.91                               |                                     |                                       | 10                                | KNOZ 222259Z AUTO VRB06KT 10SM CLR 43/06 A2966<br>RMK AO2 SLP991 T04280056                         | Clear  |
| KNOZ       | 06/22/2018 16:59 MST | 44.06   | 11.88                                 | 17.27                              | 170                                 | 21.85                                 | 10                                | KNOZ 222359Z AUTO 17015G19KT 10SM CLR 42/07<br>A2964 RMK AO2 SLP986 T04220067 10433 20372<br>56024 | Clear  |
| KNOZ       | 06/22/2018 17:59 MST | 42.98   | 12.08                                 | 14.97                              | 180                                 |                                       | 10                                | KNOZ 230059Z AUTO 18013KT 10SM CLR 41/06 A2963<br>RMK AO2 SLP983 T04110061                         | Clear  |
| KNOZ       | 06/22/2018 18:59 MST | 41  | 12.25                                 | 17.27                              | 170                                 |                                       | 10                                | KNOZ 230159Z AUTO 17015KT 10SM CLR 39/05 A2963<br>RMK AO2 SLP983 T03940050                         | Clear  |
| KNOZ       | 06/22/2018 19:59 MST | 42.98   | 14.88                                 | 12.66                              | 170                                 |                                       | 10                                | KNOZ 230259Z AUTO 17011KT 10SM CLR 37/06 A2964<br>RMK AO2 SLP984 T03720061 55002                   | Clear  |
| KNOZ       | 06/22/2018 20:59 MST | 44.96   | 18.72                                 | 12.66                              | 150                                 |                                       | 10                                | KNOZ 230359Z AUTO 15011KT 10SM CLR 34/07 A2965<br>RMK AO2 SLP989 T03440072                         | Clear  |
| KNOZ       | 06/22/2018 21:59 MST | 51.08   | 26.63                                 | 13.8                               | 140                                 |                                       | 10                                | KNOZ 230459Z AUTO 14012KT 10SM CLR 32/11 A2967<br>RMK AO2 SLP995 T03220106                         | Clear  |



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 # LATITUDE: 32.50  
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## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/22/2018 22:59 MST | 44.96   | 22.53                                 | 13.8                               | 130                                 |                                       | 10                                | KNOZ 230559Z AUTO 13012KT 10SM CLR 31/07 A2966<br>RMK AO2 SLP993 T03110072 10422 20311 50009                         | Clear  |
| KNOZ       | 06/22/2018 23:59 MST | 39.02   | 18.44                                 | 13.8                               | 140                                 |                                       | 10                                | KNOZ 230659Z AUTO 14012KT 10SM CLR 31/04 A2966<br>RMK AO2 SLP991 T03060039 404330256                                 | Clear  |
| KNOZ       | 06/23/2018 00:59 MST | 39.92   | 19.76                                 | 14.97                              | 150                                 |                                       | 10                                | KNOZ 230759Z AUTO 15013KT 10SM CLR 30/04 A2965<br>RMK AO2 SLP989 T03000044   | Clear  |
| KNOZ       | 06/23/2018 01:59 MST | 42.08   | 22.89                                 | 16.11                              | 140                                 |                                       | 10                                | KNOZ 230859Z AUTO 14014KT 10SM CLR 29/06 A2965<br>RMK AO2 SLP987 T02890056 56006                                     | Clear  |
| KNOZ       | 06/23/2018 02:59 MST | 48.92   | 31.62                                 | 18.41                              | 140                                 |                                       | 10                                | KNOZ 230959Z AUTO 14016KT 10SM CLR 28/09 A2964<br>RMK AO2 SLP987 T02780094   | Clear  |
| KNOZ       | 06/23/2018 03:59 MST | 53.06   | 38.17                                 | 21.85                              | 140                                 |                                       | 10                                | KNOZ 231059Z AUTO 14019KT 10SM CLR 27/12 A2966<br>RMK AO2 SLP991 T02720117   | Clear  |
| KNOZ       | 06/23/2018 04:59 MST | 62.96   | 56.07                                 | 23.02                              | 140                                 | 29.93                                 | 10                                | KNOZ 231159Z AUTO 14020G26KT 10SM CLR 27/17<br>A2968 RMK AO2 PK WND 14026/1159 SLP999<br>T02670172 10311 20267 53011 | Clear  |
| KNOZ       | 06/23/2018 05:59 MST | 68  | 69.19                                 | 20.71                              | 140                                 |                                       | 10                                | KNOZ 231259Z AUTO 14018KT 10SM CLR 26/20 A2971<br>RMK AO2 SLP008 T02610200   | Clear  |
| KNOZ       | 06/23/2018 06:59 MST | 66.02   | 58.49                                 | 24.16                              | 140                                 | 29.93                                 | 9                                 | KNOZ 231359Z AUTO 14021G26KT 9SM CLR 28/19<br>A2973 RMK AO2 PK WND 14027/1348 SLP014<br>T02780189                    | Clear  |
| KNOZ       | 06/23/2018 07:59 MST | 64.04   | 49.77                                 | 25.32                              | 150                                 | 32.21                                 | 5                                 | KNOZ 231459Z AUTO 15022G28KT 5SM HZ CLR 29/18<br>A2975 RMK AO2 PK WND 14028/1429 SLP023<br>T02940178 51024           | Haze   |

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 # LONGITUDE: -114.45  
 # ELEVATION [ft]: 346  
 # STATE: AZ

## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/23/2018 08:23 MST | 64.94   | 49.62                                 | 26.46                              | 140                                 | 34.52                                 | 2.5                               | SPECI KNOZ 231523Z AUTO 14023G30KT 2 1/2SM HZ SCT016 30/18 A2976 RMK AO2 PK WND 14030/1505 T03000183 \$                        | Haze   |
| KNOZ       | 06/23/2018 08:31 MST | 64.94   | 49.62                                 | 26.46                              | 140                                 | 34.52                                 | 2.5                               | SPECI KNOZ 231531Z AUTO 14023G30KT 2 1/2SM HZ BKN017 30/18 A2976 RMK AO2 PK WND 14030/1505 T03000183 \$                        | Haze   |
| KNOZ       | 06/23/2018 08:44 MST | 64.94   | 47.95                                 | 24.16                              | 150                                 |                                       | 3                                 | SPECI KNOZ 231544Z AUTO 15021KT 3SM HZ OVC018 31/18 A2976 RMK AO2 PK WND 14030/1505 T03060183 \$                               | Haze   |
| KNOZ       | 06/23/2018 08:57 MST | 66.2  | 48.96                                 | 29.93                              | 170                                 | 35.68                                 | 2                                 | KNOZ 231557Z AUTO 17026G31KT 2SM HZ BKN018 31/19 A2977 RMK AO2 PK WND 17031/1557   | Haze   |
| KNOZ       | 06/23/2018 08:59 MST | 66.02   | 48.38                                 | 31.07                              | 170                                 | 36.82                                 | 2                                 | KNOZ 231559Z AUTO 17027G32KT 2SM HZ BKN018 31/19 A2976 RMK AO2 PK WND 17032/1559 SLP027 T03110189                              | Haze   |
| KNOZ       | 06/23/2018 09:17 MST | 66.92   | 48.24                                 | 31.07                              | 160                                 | 36.82                                 | 1.75                              | KNOZ 231617Z AUTO 16027G32KT 1 3/4SM HZ SCT019 32/19 A2977 RMK AO2 PK WND 15032/1616 T03170194                                 | Haze   |
| KNOZ       | 06/23/2018 09:27 MST | 66.92   | 48.24                                 | 31.07                              | 150                                 | 35.68                                 | 2.5                               | KNOZ 231627Z AUTO 15027G31KT 2 1/2SM HZ SCT019 32/19 A2977 RMK AO2 PK WND 15032/1616 T03170194                                 | Haze   |
| KNOZ       | 06/23/2018 09:50 MST | 66.92   | 46.9                                  | 27.63                              | 160                                 | 35.68                                 | 1.75                              | KNOZ 231650Z AUTO 16024G31KT 1 3/4SM HZ BKN022 32/19 A2977 RMK AO2 PK WND 16032/1636 T03220194                                 | Haze   |
| KNOZ       | 06/23/2018 09:59 MST | 66.92   | 45.34                                 | 26.46                              | 170                                 | 34.52                                 | 1.75                              | KNOZ 231659Z AUTO 17023G30KT 1 3/4SM HZ BKN022 33/19 A2977 RMK AO2 PK WND 16032/1636 SLP027 T03280194                          | Haze   |
| KNOZ       | 06/23/2018 10:59 MST | 66.02   | 41.33                                 | 24.16                              | 160                                 | 35.68                                 | 1.75                              | KNOZ 231759Z AUTO 16021G31KT 1 3/4SM HZ BKN021 OVC028 34/19 A2977 RMK AO2 PK WND 16032/1729 SLP029 T03390189 10339 20261 53000 | Haze   |

# STATION: KNOZ  
 # STATION NAME: Yuma Auxiliary Airport  
 # LATITUDE: 32.50  
 # LONGITUDE: -114.45  
 # ELEVATION [ft]: 346  
 # STATE: AZ

## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text   | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|--------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|---|--|
| KNOZ       | 06/23/2018 11:08 MST | 66.02   | 41.33                                | 26.46                              | 170                                 | 36.82                                 | 1.5                               | KNOZ 231808Z AUTO 17023G32KT 1 1/2SM HZ<br>OVC021 34/19 A2977 RMK AO2 PK WND 17032/1805<br>T03390189        | Haze   |
| KNOZ       | 06/23/2018 11:17 MST | 66.02   | 41.33                                | 29.93                              | 170                                 | 35.68                                 | 1.75                              | KNOZ 231817Z AUTO 17026G31KT 1 3/4SM HZ<br>OVC021 34/19 A2977 RMK AO2 PK WND 17032/1805<br>T03390189        | Haze   |
| KNOZ       | 06/23/2018 11:30 MST | 64.94   | 38.72                                | 27.63                              | 160                                 | 36.82                                 | 1.5                               | KNOZ 231830Z AUTO 16024G32KT 1 1/2SM HZ<br>BKN020 OVC025 34/18 A2976 RMK AO2 PK WND<br>17032/1821 T03440183 | Haze   |
| KNOZ       | 06/23/2018 11:41 MST | 64.94   | 38.72                                | 27.63                              | 160                                 |                                       | 1.75                              | SPECI KNOZ 231841Z AUTO 16024KT 1 3/4SM HZ<br>BKN019 34/18 A2976 RMK AO2 PK WND 17032/1821<br>T03440183 \$  | Haze   |
| KNOZ       | 06/23/2018 11:59 MST | 64.94   | 38.72                                | 27.63                              | 160                                 | 35.68                                 | 2                                 | KNOZ 231859Z AUTO 16024G31KT 2SM HZ BKN023<br>34/18 A2976 RMK AO2 PK WND 16034/1846 SLP025<br>T03440183     | Haze   |
| KNOZ       | 06/23/2018 12:41 MST | 64.04   | 35.12                                | 26.46                              | 160                                 | 32.21                                 | 2.5                               | KNOZ 231941Z AUTO 16023G28KT 2 1/2SM HZ SCT026<br>36/18 A2974 RMK AO2 PK WND 16031/1914<br>T03560178        | Haze   |
| KNOZ       | 06/23/2018 12:59 MST | 64.04   | 35.12                                | 25.32                              | 170                                 | 33.38                                 | 2.5                               | KNOZ 231959Z AUTO 17022G29KT 2 1/2SM HZ SCT026<br>36/18 A2974 RMK AO2 PK WND 16031/1914 SLP020<br>T03560178 | Haze   |
| KNOZ       | 06/23/2018 13:13 MST | 64.04   | 35.12                                | 24.16                              | 170                                 | 32.21                                 | 3                                 | SPECI KNOZ 232013Z AUTO 17021G28KT 3SM HZ<br>SCT026 36/18 A2974 RMK AO2 PK WND 14032/2003<br>T03560178 \$   | Haze   |
| KNOZ       | 06/23/2018 13:33 MST | 62.96   | 32.9                                 | 24.16                              | 160                                 | 34.52                                 | 2.5                               | KNOZ 232033Z AUTO 16021G30KT 2 1/2SM HZ<br>FEW024 36/17 A2973 RMK AO2 PK WND 14032/2003<br>T03610172        | Haze   |
| KNOZ       | 06/23/2018 13:43 MST | 62.96   | 31.84                                | 20.71                              | 160                                 | 32.21                                 | 3                                 | SPECI KNOZ 232043Z AUTO 16018G28KT 3SM HZ<br>SCT026 37/17 A2973 RMK AO2 PK WND 14032/2003<br>T03670172 \$   | Haze   |

# STATION: KNOZ  
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 # LATITUDE: 32.50  
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## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text   | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|---|--|
| KNOZ       | 06/23/2018 13:59 MST | 62.06   | 30.85                                 | 26.46                              | 160                                 | 34.52                                 | 2.5                               | KNOZ 232059Z AUTO 16023G30KT 2 1/2SM HZ<br>FEW028 37/17 A2973 RMK AO2 PK WND 14032/2003<br>VIS 2V3 SLP014 T03670167 58014 | Haze   |
| KNOZ       | 06/23/2018 14:35 MST | 62.06   | 30.85                                 | 26.46                              | 170                                 | 33.38                                 | 3                                 | KNOZ 232135Z AUTO 17023G29KT 3SM HZ FEW026<br>37/17 A2971 RMK AO2 PK WND 16032/2114<br>T03670167                          | Haze   |
| KNOZ       | 06/23/2018 14:59 MST | 60.98   | 30.68                                 | 21.85                              | 160                                 | 33.38                                 | 3                                 | KNOZ 232159Z AUTO 16019G29KT 3SM HZ FEW025<br>36/16 A2970 RMK AO2 PK WND 16032/2114 SLP006<br>T03610161                   | Haze   |
| KNOZ       | 06/23/2018 15:59 MST | 60.08   | 28.76                                 | 24.16                              | 160                                 | 28.77                                 | 4                                 | KNOZ 232259Z AUTO 16021G25KT 4SM HZ CLR 37/16<br>A2969 RMK AO2 PK WND 15029/2203 SLP003<br>T03670156                      | Haze   |
| KNOZ       | 06/23/2018 16:59 MST | 59  | 28.6                                  | 21.85                              | 150                                 | 27.63                                 | 6                                 | KNOZ 232359Z AUTO 15019G24KT 6SM HZ CLR 36/15<br>A2967 RMK AO2 SLP997 T03610150 10372 20339<br>56018                      | Haze   |
| KNOZ       | 06/23/2018 17:59 MST | 51.98   | 22.79                                 | 19.57                              | 170                                 | 26.46                                 | 8                                 | KNOZ 240059Z AUTO 17017G23KT 8SM CLR 36/11<br>A2967 RMK AO2 SLP997 T03560111  | Clear  |
| KNOZ       | 06/23/2018 18:59 MST | 55.04   | 28                                    | 17.27                              | 150                                 |                                       | 10                                | KNOZ 240159Z AUTO 15015KT 10SM CLR 34/13 A2967<br>RMK AO2 SLP998 T03390128  | Clear  |
| KNOZ       | 06/23/2018 19:59 MST | 57.92   | 35.15                                 | 17.27                              | 150                                 |                                       | 10                                | KNOZ 240259Z AUTO 15015KT 10SM CLR 32/14 A2968<br>RMK AO2 SLP000 T03170144 53003  | Clear  |
| KNOZ       | 06/23/2018 20:59 MST | 59  | 40.24                                 | 18.41                              | 150                                 |                                       | 10                                | KNOZ 240359Z AUTO 15016KT 10SM CLR 30/15 A2969<br>RMK AO2 SLP002 T03000150  | Clear  |
| KNOZ       | 06/23/2018 21:59 MST | 60.08   | 46.13                                 | 18.41                              | 140                                 |                                       | 10                                | KNOZ 240459Z AUTO 14016KT 10SM CLR 28/16 A2970<br>RMK AO2 SLP005 T02830156  | Clear  |

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## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/23/2018 22:59 MST | 57.92   | 43.96                                 | 17.27                              | 140                                 |                                       | 10                                | KNOZ 240559Z AUTO 14015KT 10SM CLR 28/14 A2970<br>RMK AO2 SLP007 T02780144 10367 20278 52007         | Clear  |
| KNOZ       | 06/23/2018 23:59 MST | 59  | 47.32                                 | 17.27                              | 130                                 |                                       | 10                                | KNOZ 240659Z AUTO 13015KT 10SM CLR 27/15 A2970<br>RMK AO2 SLP008 T02720150 403720261                 | Clear  |
| KNOZ       | 06/24/2018 00:59 MST | 60.08   | 50.64                                 | 18.41                              | 130                                 |                                       | 10                                | KNOZ 240759Z AUTO 13016KT 10SM CLR 27/16 A2970<br>RMK AO2 SLP007 T02670156                           | Clear  |
| KNOZ       | 06/24/2018 01:59 MST | 60.08   | 50.64                                 | 19.57                              | 130                                 |                                       | 10                                | KNOZ 240859Z AUTO 13017KT 10SM CLR 27/16 A2970<br>RMK AO2 SLP006 T02670156 58001                     | Clear  |
| KNOZ       | 06/24/2018 02:59 MST | 59  | 50.48                                 | 19.57                              | 130                                 |                                       | 10                                | KNOZ 240959Z AUTO 13017KT 10SM CLR 26/15 A2971<br>RMK AO2 SLP010 T02610150                           | Clear  |
| KNOZ       | 06/24/2018 03:59 MST | 60.98   | 55.79                                 | 14.97                              | 140                                 |                                       | 10                                | KNOZ 241059Z AUTO 14013KT 10SM CLR 26/16 A2972<br>RMK AO2 SLP014 T02560161                           | Clear  |
| KNOZ       | 06/24/2018 04:59 MST | 64.04   | 64.38                                 | 16.11                              | 140                                 |                                       | 10                                | KNOZ 241159Z AUTO 14014KT 10SM CLR 25/18 A2975<br>RMK AO2 SLP022 T02500178 10278 20250 53016         | Clear  |
| KNOZ       | 06/24/2018 05:59 MST | 68  | 76.54                                 | 14.97                              | 130                                 |                                       | 10                                | KNOZ 241259Z AUTO 13013KT 10SM CLR 24/20 A2977<br>RMK AO2 SLP030 T02440200                           | Clear  |
| KNOZ       | 06/24/2018 06:59 MST | 69.98   | 76.26                                 | 20.71                              | 140                                 |                                       | 10                                | KNOZ 241359Z AUTO 14018KT 10SM CLR 26/21 A2979<br>RMK AO2 SLP036 T02560211                           | Clear  |
| KNOZ       | 06/24/2018 07:59 MST | 69.98   | 69.4                                  | 23.02                              | 140                                 |                                       | 8                                 | KNOZ 241459Z AUTO 14020KT 8SM CLR 27/21 A2981<br>RMK AO2 PK WND 14026/1451 SLP045 T02720211<br>53023 | Clear  |

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## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/24/2018 08:59 MST | 64.04   | 49.77                                 | 17.27                              | 140                                 |                                       | 10                                | KNOZ 241559Z AUTO 14015KT 10SM CLR 29/18 A2983<br>RMK AO2 SLP049 T02940178                   | Clear  |
| KNOZ       | 06/24/2018 09:59 MST | 60.98   | 40.55                                 | 16.11                              | 140                                 |                                       | 10                                | KNOZ 241659Z AUTO 14014KT 10SM CLR 31/16 A2983<br>RMK AO2 SLP051 T03110161                   | Clear  |
| KNOZ       | 06/24/2018 10:59 MST | 59  | 33.39                                 | 18.41                              | 130                                 |                                       | 10                                | KNOZ 241759Z AUTO 13016KT 10SM CLR 33/15 A2984<br>RMK AO2 SLP054 T03330150 10333 20244 51009 | Clear  |
| KNOZ       | 06/24/2018 11:59 MST | 48.92   | 21.02                                 | 14.97                              | 170                                 | 21.85                                 | 10                                | KNOZ 241859Z AUTO 17013G19KT 10SM CLR 35/09<br>A2984 RMK AO2 SLP052 T03500094                | Clear  |
| KNOZ       | 06/24/2018 12:59 MST | 48.02   | 19.13                                 | 11.5                               | 140                                 | 21.85                                 | 10                                | KNOZ 241959Z AUTO 14010G19KT 10SM CLR 36/09<br>A2982 RMK AO2 SLP048 T03610089                | Clear  |
| KNOZ       | 06/24/2018 13:59 MST | 46.04   | 16.73                                 | 9.22                               | 180                                 | 19.57                                 | 10                                | KNOZ 242059Z AUTO 18008G17KT 10SM CLR 37/08<br>A2981 RMK AO2 SLP041 T03720078 58012          | Clear  |
| KNOZ       | 06/24/2018 14:59 MST | 46.94   | 17.3                                  | 5.75                               |                                     | 17.27                                 | 10                                | KNOZ 242159Z AUTO VRB05G15KT 10SM CLR 37/08<br>A2979 RMK AO2 SLP037 T03720083                | Clear  |
| KNOZ       | 06/24/2018 15:59 MST | 42.98   | 14.88                                 | 12.66                              | 160                                 |                                       | 10                                | KNOZ 242259Z AUTO 16011KT 10SM CLR 37/06 A2977<br>RMK AO2 SLP030 T03720061                   | Clear  |
| KNOZ       | 06/24/2018 16:59 MST | 44.06   | 15.51                                 | 10.36                              | 140                                 |                                       | 10                                | KNOZ 242359Z AUTO 14009KT 10SM CLR 37/07 A2975<br>RMK AO2 SLP024 T03720067 10383 20333 58018 | Clear  |
| KNOZ       | 06/24/2018 17:59 MST | 42.98   | 14.88                                 | 12.66                              | 160                                 |                                       | 10                                | KNOZ 250059Z AUTO 16011KT 10SM CLR 37/06 A2973<br>RMK AO2 SLP018 T03720061                   | Clear  |

# STATION: KNOZ  
 # STATION\_NAME: Yuma Auxiliary Airport  
 # LATITUDE: 32.50  
 # LONGITUDE: -114.45  
 # ELEVATION [ft]: 346  
 # STATE: AZ

## June 23, 2018 Exceptional Event, Imperial County

## Appendix B

| Station_ID | Date_Time            | dew_point_t<br>emperature_<br>set_1<br>Fahrenheit | relative_<br>humidity_<br>_set_1<br>% | wind_speed_<br>set_1<br>Miles/hour | wind_direction<br>_set_1<br>Degrees | wind_gust<br>_set_1<br>Miles/hou<br>r | visibility_set_1<br>Statute miles | metar_set_1<br>text  | weather<br>_conditi<br>on_set_1<br>d<br>Code |
|------------|----------------------|---|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|--|--|
| KNOZ       | 06/24/2018 18:59 MST | 42.08   | 15.69                                 | 14.97                              | 150                                 |                                       | 10                                | KNOZ 250159Z AUTO 15013KT 10SM CLR 36/06 A2973<br>RMK AO2 SLP018 T03560056                   | Clear  |
| KNOZ       | 06/24/2018 19:59 MST | 42.08   | 17.24                                 | 12.66                              | 140                                 |                                       | 10                                | KNOZ 250259Z AUTO 14011KT 10SM CLR 34/06 A2974<br>RMK AO2 SLP018 T03390056 55005             | Clear  |
| KNOZ       | 06/24/2018 20:59 MST | 41  | 19.35                                 | 12.66                              | 130                                 |                                       | 10                                | KNOZ 250359Z AUTO 13011KT 10SM CLR 31/05 A2975<br>RMK AO2 SLP023 T03110050                   | Clear  |
| KNOZ       | 06/24/2018 21:59 MST | 44.06   | 23.99                                 | 12.66                              | 140                                 |                                       | 10                                | KNOZ 250459Z AUTO 14011KT 10SM CLR 29/07 A2977<br>RMK AO2 SLP029 T02940067                   | Clear  |
| KNOZ       | 06/24/2018 22:59 MST | 51.08   | 34.27                                 | 12.66                              | 140                                 |                                       | 10                                | KNOZ 250559Z AUTO 14011KT 10SM CLR 28/11 A2977<br>RMK AO2 SLP030 T02780106 10383 20278 51012 | Clear  |
| KNOZ       | 06/24/2018 23:59 MST | 46.04   | 30.26                                 | 12.66                              | 130                                 |                                       | 10                                | KNOZ 250659Z AUTO 13011KT 10SM CLR 27/08 A2978<br>RMK AO2 SLP033 T02670078 403830244         | Clear  |
| KNOZ       | 06/25/2018 00:59 MST | 55.94   | 43.66                                 | 14.97                              | 130                                 |                                       | 10                                | KNOZ 250759Z AUTO 13013KT 10SM CLR 27/13 A2979<br>RMK AO2 SLP035 T02670133                   | Clear  |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 06/26/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi- bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti- meter Setting (inHg) |
|------|------------|--------------|----------------|--------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|----------------------------|
|      |            |              |                |              |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                            |
| 1    | 2          | 3            | 4              | 5            | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                         |
| 22   | 0057       | 7            | CLR:00         | 10.00        |  | 82            | 27.8 | 62            | 16.6 | 47             | 8.3  | 29        | 3                | 160            |                  | 29.49                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                      |
| 22   | 0157       | 7            | CLR:00         | 10.00        |  | 80            | 26.7 | 61            | 16.2 | 47             | 8.3  | 31        | 5                | 170            |                  | 29.48                | 6           | +0.02                  | 29.70                   | FM-15       | 0.00              | 29.71                      |
| 22   | 0257       | 7            | CLR:00         | 10.00        |  | 79            | 26.1 | 61            | 16.3 | 48             | 8.9  | 34        | 3                | 160            |                  | 29.49                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                      |
| 22   | 0357       | 7            | CLR:00         | 10.00        |  | 77            | 25.0 | 61            | 15.9 | 48             | 8.9  | 36        | 0                | 000            |                  | 29.49                |             |                        | 29.70                   | FM-15       | 0.00              | 29.72                      |
| 22   | 0457       | 7            | CLR:00         | 10.00        |  | 76            | 24.4 | 60            | 15.4 | 47             | 8.3  | 36        | 0                | 000            |                  | 29.50                | 3           | -0.01                  | 29.71                   | FM-15       | 0.00              | 29.73                      |
| 22   | 0557       | 7            | CLR:00         | 10.00        |  | 78            | 25.6 | 60            | 15.4 | 45             | 7.2  | 31        | 0                | 000            |                  | 29.50                |             |                        | 29.72                   | FM-15       | 0.00              | 29.73                      |
| 22   | 0657       | 7            | CLR:00         | 7.00         |  | 83            | 28.3 | 61            | 16.4 | 45             | 7.2  | 26        | 3                | 110            |                  | 29.52                |             |                        | 29.74                   | FM-15       | 0.00              | 29.75                      |
| 22   | 0757       | 7            | CLR:00         | 7.00         |  | 87            | 30.6 | 65            | 18.1 | 49             | 9.4  | 27        | 5                | 170            |                  | 29.53                | 3           | -0.04                  | 29.75                   | FM-15       | 0.00              | 29.76                      |
| 22   | 0857       | 7            | CLR:00         | 7.00         |  | 92            | 33.3 | 65            | 18.1 | 45             | 7.2  | 20        | 11               | 180            |                  | 29.54                |             |                        | 29.76                   | FM-15       | 0.00              | 29.77                      |
| 22   | 0957       | 7            | CLR:00         | 7.00         |  | 95            | 35.0 | 66            | 18.7 | 45             | 7.2  | 18        | 10               | 190            |                  | 29.54                |             |                        | 29.75                   | FM-15       | 0.00              | 29.77                      |
| 22   | 1057       | 7            | CLR:00         | 7.00         |  | 99            | 37.2 | 67            | 19.6 | 46             | 7.8  | 16        | 13               | 200            |                  | 29.53                |             |                        | 29.75                   | FM-15       | 0.00              | 29.76                      |
| 22   | 1157       | 7            | CLR:00         | 7.00         |  | 102           | 38.9 | 67            | 19.7 | 44             | 6.7  | 14        | 10               | 210            |                  | 29.51                |             |                        | 29.73                   | FM-15       | 0.00              | 29.74                      |
| 22   | 1257       | 7            | CLR:00         | 7.00         |  | 107           | 41.7 | 69            | 20.5 | 44             | 6.7  | 12        | 10               | 170            |                  | 29.49                |             |                        | 29.71                   | FM-15       | 0.00              | 29.72                      |
| 22   | 1357       | 7            | CLR:00         | 7.00         |  | 107           | 41.7 | 69            | 20.7 | 45             | 7.2  | 12        | 10               | 180            |                  | 29.46                | 8           | +0.06                  | 29.68                   | FM-15       | 0.00              | 29.69                      |
| 22   | 1457       | 7            | CLR:00         | 7.00         |  | 108           | 42.2 | 69            | 20.7 | 44             | 6.7  | 12        | 7                | 190            | 17               | 29.44                |             |                        | 29.65                   | FM-15       | 0.00              | 29.67                      |
| 22   | 1557       | 7            | CLR:00         | 7.00         |  | 110           | 43.3 | 69            | 20.3 | 40             | 4.4  | 9         | 11               | 190            |                  | 29.41                |             |                        | 29.62                   | FM-15       | 0.00              | 29.64                      |
| 22   | 1657       | 7            | CLR:00         | 10.00        |  | 110           | 43.3 | 69            | 20.8 | 43             | 6.1  | 10        | 11               | 190            |                  | 29.39                | 6           | +0.08                  | 29.60                   | FM-15       | 0.00              | 29.62                      |
| 22   | 1757       | 7            | CLR:00         | 10.00        |  | 108           | 42.2 | 70            | 20.9 | 45             | 7.2  | 12        | 14               | 200            |                  | 29.38                |             |                        | 29.59                   | FM-15       | 0.00              | 29.61                      |
| 22   | 1857       | 7            | CLR:00         | 10.00        |  | 103           | 39.4 | 68            | 20.2 | 46             | 7.8  | 15        | 13               | 190            |                  | 29.38                |             |                        | 29.59                   | FM-15       | 0.00              | 29.61                      |
| 22   | 1957       | 7            | CLR:00         | 10.00        |  | 97            | 36.1 | 67            | 19.2 | 46             | 7.8  | 17        | 10               | 200            |                  | 29.38                | 5           | +0.01                  | 29.59                   | FM-15       | 0.00              | 29.61                      |
| 22   | 2057       | 7            | CLR:00         | 10.00        |  | 93            | 33.9 | 65            | 18.3 | 45             | 7.2  | 19        | 7                | 190            |                  | 29.40                |             |                        | 29.62                   | FM-15       | 0.00              | 29.63                      |
| 22   | 2157       | 7            | CLR:00         | 10.00        |  | 90            | 32.2 | 64            | 17.9 | 46             | 7.8  | 22        | 7                | 160            |                  | 29.41                |             |                        | 29.63                   | FM-15       | 0.00              | 29.64                      |
| 22   | 2257       | 7            | CLR:00         | 10.00        |  | 88            | 31.1 | 66            | 19.0 | 52             | 11.1 | 29        | 11               | 150            |                  | 29.41                | 1           | -0.04                  | 29.63                   | FM-15       | 0.00              | 29.64                      |
| 22   | 2357       | 7            | CLR:00         | 10.00        |  | 86            | 30.0 | 63            | 17.4 | 47             | 8.3  | 26        | 6                | 170            |                  | 29.41                |             |                        | 29.62                   | FM-15       | 0.00              | 29.64                      |



U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 06/26/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |      | Wet Bulb Temp |      | Dew Point Temp |      | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|------|---------------|------|----------------|------|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C)  | (F)           | (C)  | (F)            | (C)  |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8    | 9             | 10   | 11             | 12   | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
| 23   | 0057       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 62            | 16.5 | 44             | 6.7  | 24        | 8                | 160            |                  | 29.40                |             |                        | 29.62                   | FM-15       |                   | 29.63                     |
| 23   | 0157       | 7            | CLR:00         | 10.00       |  | 85            | 29.4 | 61            | 16.3 | 43             | 6.1  | 23        | 15               | 160            |                  | 29.39                | 8           | +0.02                  | 29.61                   | FM-15       |                   | 29.62                     |
| 23   | 0357       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 64            | 17.6 | 52             | 11.1 | 37        | 16               | 160            |                  | 29.40                |             |                        | 29.62                   | FM-15       |                   | 29.63                     |
| 23   | 0457       | 7            | CLR:00         | 10.00       |  | 80            | 26.7 | 67            | 19.7 | 60             | 15.6 | 51        | 21               | 160            |                  | 29.43                |             |                        | 29.64                   | FM-15       |                   | 29.66                     |
| 23   | 0557       | 7            | CLR:00         | 10.00       |  | 79            | 26.1 | 70            | 21.4 | 66             | 18.9 | 65        | 23               | 160            |                  | 29.45                |             |                        | 29.66                   | FM-15       |                   | 29.68                     |
| 23   | 0657       | 7            | CLR:00         | 10.00       |  | 81            | 27.2 | 72            | 22.4 | 68             | 20.0 | 65        | 23               | 150            |                  | 29.47                |             |                        | 29.69                   | FM-15       |                   | 29.70                     |
| 23   | 0757       | 7            | CLR:00         | 8.00        |  | 85            | 29.4 | 72            | 22.1 | 65             | 18.3 | 51        | 21               | 160            | 31               | 29.50                | 3           | -0.07                  | 29.72                   | FM-15       |                   | 29.73                     |
| 23   | 0857       | 7            | CLR:00         | 5.00        | HZ:7  FU  HZ                                     | 88            | 31.1 | 74            | 23.2 | 67             | 19.4 | 50        | 25               | 160            | 34               | 29.52                |             |                        | 29.74                   | FM-15       |                   | 29.75                     |
| 23   | 0957       | 7            | CLR:00         | 7.00        |  | 91            | 32.8 | 75            | 24.0 | 68             | 20.0 | 47        | 24               | 170            |                  | 29.52                |             |                        | 29.74                   | FM-15       |                   | 29.75                     |
| 23   | 1057       | 7            | CLR:00         | 7.00        |  | 94            | 34.4 | 75            | 24.1 | 67             | 19.4 | 41        | 23               | 170            | 29               | 29.53                | 1           | -0.03                  | 29.74                   | FM-15       |                   | 29.76                     |
| 23   | 1157       | 7            | CLR:00         | 6.00        | HZ:7  FU  HZ                                     | 96            | 35.6 | 76            | 24.4 | 67             | 19.4 | 39        | 23               | 150            | 33               | 29.51                |             |                        | 29.73                   | FM-15       |                   | 29.74                     |
| 23   | 1257       | 7            | CLR:00         | 7.00        |  | 98            | 36.7 | 76            | 24.4 | 66             | 18.9 | 35        | 25               | 150            |                  | 29.49                |             |                        | 29.71                   | FM-15       |                   | 29.72                     |
| 23   | 1357       | 7            | CLR:00         | 7.00        |  | 100           | 37.8 | 75            | 24.1 | 64             | 17.8 | 31        | 24               | 160            |                  | 29.48                | 8           | +0.05                  | 29.69                   | FM-15       |                   | 29.71                     |
| 23   | 1457       | 6            | CLR:00         | 7.00        |  | 100           | 37.8 | 75            | 23.8 | 63             | 17.2 | 30        | 21               | 170            | 29               | 29.45                |             |                        | 29.67                   | FM-15       |                   | 29.68                     |
| 23   | 1529       | 6            | CLR:00         | 2.50        | HZ:7   HZ  | 100           | 37.8 | 74            | 23.3 | 61             | 16.1 | 28        | 22               | 180            | 26               | 29.45                |             |                        |                         | FM-16       |                   | 29.68                     |
| 23   | 1657       | 6            | CLR:00         | 10.00       |  | 99            | 37.2 | 73            | 22.6 | 59             | 15.0 | 27        | 16               | 170            |                  | 29.43                | 6           | +0.05                  | 29.64                   | FM-15       |                   | 29.66                     |
| 23   | 1757       | 6            | CLR:00         | 10.00       |  | 98            | 36.7 | 71            | 21.6 | 56             | 13.3 | 24        | 15               | 160            |                  | 29.42                |             |                        | 29.64                   | FM-15       |                   | 29.65                     |
| 23   | 1857       | 6            | CLR:00         | 10.00       |  | 95            | 35.0 | 70            | 21.2 | 56             | 13.3 | 27        | 13               | 160            |                  | 29.42                |             |                        | 29.64                   | FM-15       |                   | 29.65                     |
| 23   | 1957       | 6            | CLR:00         | 10.00       |  | 91            | 32.8 | 69            | 20.8 | 57             | 13.9 | 32        | 15               | 150            |                  | 29.43                | 5           | +0.00                  | 29.65                   | FM-15       |                   | 29.66                     |
| 23   | 2057       | 6            | CLR:00         | 10.00       |  | 88            | 31.1 | 69            | 20.8 | 59             | 15.0 | 38        | 13               | 150            |                  | 29.44                |             |                        | 29.66                   | FM-15       |                   | 29.67                     |

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
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 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

**Local Climatological Data  
 Hourly Observations  
 June 2018**

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 06/26/2018

| Date | Time (LST) | Station Type | Sky Conditions | Visi-bility | Weather Type (see documentation)<br>AU   AW   MW | Dry Bulb Temp |     | Wet Bulb Temp |     | Dew Point Temp |     | Rel Hum % | Wind Speed (MPH) | Wind Dir (Deg) | Wind Gusts (MPH) | Station Press (inHg) | Press. Tend | Net 3-Hr Change (inHg) | Sea Level Press. (inHg) | Report Type | Precip Total (in) | Alti-meter Setting (inHg) |
|------|------------|--------------|----------------|-------------|--|---------------|-----|---------------|-----|----------------|-----|-----------|------------------|----------------|------------------|----------------------|-------------|------------------------|-------------------------|-------------|-------------------|---------------------------|
|      |            |              |                |             |  | (F)           | (C) | (F)           | (C) | (F)            | (C) |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |
| 1    | 2          | 3            | 4              | 5           | 6  | 7             | 8   | 9             | 10  | 11             | 12  | 13        | 14               | 15             | 16               | 17                   | 18          | 19                     | 20                      | 21          | 22                | 23                        |
|      |            |              |                |             |  |               |     |               |     |                |     |           |                  |                |                  |                      |             |                        |                         |             |                   |                           |