

Climate data of Mukteshwar (2000-2014)

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-00 | 18.5 | -0.8 | 12.5 | 2.3 | 44.6 | 56.1 | 65.1 |
| Feb-00 | 17.6 | -2.4 | 9.4 | 0.4 | 118.3 | 65.5 | 71.4 |
| Mar-00 | 24.9 | -0.4 | 15.6 | 4.2 | 64.5 | 49.4 | 59.0 |
| Apr-00 | 20.0 | 7.0 | 24.1 | 10.9 | 11.9 | 37.7 | 44.7 |
| May-00 | 27.0 | 8.7 | 23.6 | 13.3 | 132.2 | 71.3 | 70.7 |
| Jun-00 | | | 21.2 | 14.2 | 449.4 | 88.3 | 84.9 |
| Jul-00 | 25.0 | 12.8 | 20.2 | 14.6 | 248.2 | 93.6 | 92.4 |
| Aug-00 | 24.5 | 12.2 | 20.6 | 14.5 | 414.4 | 94.0 | 93.2 |
| Sep-00 | 24.3 | 10.8 | 20.9 | 12.7 | 125.6 | 82.6 | 85.8 |
| Oct-00 | 23.9 | 8.2 | 21.5 | 11.0 | 0.0 | 53.9 | 71.6 |
| Nov-00 | 21.0 | 1.1 | 16.8 | 6.9 | 17.4 | 57.3 | 73.0 |
| Dec-00 | 19.9 | 1.2 | 15.3 | 4.6 | 0.3 | 39.2 | 54.1 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-01 | 21.3 | -2.5 | 13.6 | 3.0 | 18.8 | 39.2 | 54.0 |
| Feb-01 | 20.5 | 1.1 | 15.5 | 4.6 | 37.0 | 40.4 | 51.8 |
| Mar-01 | 22.1 | 2.4 | 16.5 | 5.9 | 28.4 | 44.5 | 58.2 |
| Apr-01 | 27.4 | 6.3 | 21.1 | 10.2 | 70.1 | 41.7 | 46.5 |
| May-01 | 29.2 | 7.9 | 23.2 | 12.9 | 158.0 | 66.6 | 73.6 |
| Jun-01 | 24.4 | 11.4 | 21.0 | 14.2 | 191.4 | 86.9 | 86.0 |
| Jul-01 | 24.8 | 13.3 | 21.6 | 15.5 | 223.3 | 90.2 | 91.9 |
| Aug-01 | 25.2 | 12.9 | 21.6 | 14.7 | 125.4 | 88.2 | 89.1 |
| Sep-01 | 25.2 | 11.2 | 22.6 | 13.3 | 57.7 | 71.6 | 83.3 |
| Oct-01 | 22.7 | 8.8 | 20.9 | 11.1 | 2.2 | 58.8 | 71.2 |
| Nov-01 | 22.2 | 2.8 | 17.6 | 7.2 | 1.2 | 52.4 | 68.8 |
| Dec-01 | 20.5 | 1.2 | 15.1 | 4.3 | 2.2 | 41.5 | 57.5 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|------|------|------|
| Jan-02 | 18.1 | -2.5 | 10.4 | 1.8 | 10.4 | 55.0 | 68.9 |
| Feb-02 | 18.3 | -0.6 | 12.6 | 3.0 | 12.6 | 58.8 | 66.0 |
| Mar-02 | 22.5 | 0.8 | 17.7 | 7.0 | 17.7 | 52.2 | 63.6 |
| Apr-02 | 27.3 | 4.3 | 22.2 | 10.6 | 22.2 | 47.5 | 52.0 |
| May-02 | 29.3 | 8.3 | 24.7 | 13.4 | 24.7 | 62.9 | 66.4 |
| Jun-02 | 27.4 | 10.8 | 24.3 | 14.5 | 24.3 | 75.7 | 74.3 |
| Jul-02 | 26.5 | 13.1 | 24.5 | 15.0 | 24.5 | 81.7 | 78.5 |
| Aug-02 | 35.6 | 23.3 | 20.5 | 14.6 | 20.5 | 92.8 | 90.5 |
| Sep-02 | 34.2 | 19.5 | 19.1 | 12.0 | 19.1 | 81.9 | 85.4 |
| Oct-02 | 33.6 | 12.6 | 20.1 | 9.7 | 20.1 | 58.4 | 74.4 |
| Nov-02 | 29.6 | 6.6 | 18.2 | 7.3 | 18.2 | 41.9 | 63.2 |
| Dec-02 | 26.6 | 3.1 | 14.7 | 4.1 | 14.7 | 43.9 | 60.6 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-03 | 17.8 | -2.3 | 13.6 | 3.1 | 68.9 | 37.2 | 50.4 |
| Feb-03 | 19.1 | -3.2 | 13.1 | 2.5 | 201.7 | 56.9 | 66.2 |
| Mar-03 | 21.1 | 0.7 | 16.8 | 6.1 | 66.4 | 53.3 | 65.9 |
| Apr-03 | 26.7 | 5.4 | 22.5 | 10.8 | 33.7 | 39.9 | 49.8 |
| May-03 | 29.4 | 6.8 | 24.2 | 11.8 | 38.7 | 43.9 | 45.3 |
| Jun-03 | 30.3 | 10.8 | 24.2 | 14.6 | 132.2 | 75.6 | 70.0 |
| Jul-03 | 25.1 | 12.1 | 21.2 | 14.3 | 216.1 | 91.3 | 89.1 |
| Aug-03 | 36.5 | 23.1 | 20.9 | 14.5 | 315.4 | 93.0 | 93.5 |
| Sep-03 | 34.4 | 20.4 | 19.5 | 13.1 | 282.7 | 87.1 | 93.0 |
| Oct-03 | 33.5 | 11.7 | 20.8 | 9.5 | 0.0 | 55.6 | 68.4 |
| Nov-03 | 31.6 | 5.8 | 17.2 | 5.8 | 12.0 | 39.1 | 63.4 |
| Dec-03 | 28.9 | 4.0 | 13.1 | 2.9 | 36.0 | 52.7 | 66.9 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-04 | 18.0 | -2.7 | 11.7 | 1.7 | 58.8 | 52.5 | 66.5 |
| Feb-04 | 22.4 | -1.0 | 15.9 | 3.5 | 6.7 | 46.4 | 58.9 |
| Mar-04 | 28.5 | 4.7 | 22.7 | 8.9 | 0.0 | 30.4 | 40.9 |
| Apr-04 | 28.0 | 5.4 | 23.0 | 10.4 | 69.4 | 45.1 | 46.9 |
| May-04 | 31.1 | 4.9 | 25.7 | 12.8 | 74.8 | 47.8 | 50.0 |
| Jun-04 | 26.5 | 10.2 | 22.8 | 12.9 | 155.4 | 74.6 | 74.8 |
| Jul-04 | 26.6 | 12.3 | 22.1 | 14.1 | 141.6 | 87.5 | 83.9 |
| Aug-04 | 23.7 | 13.1 | 20.5 | 14.7 | 321.9 | 93.6 | 90.5 |
| Sep-04 | 26.4 | 10.3 | 21.1 | 13.4 | 179.3 | 84.1 | 86.6 |
| Oct-04 | 21.8 | 5.1 | 17.8 | 9.0 | 62.9 | 65.6 | 75.7 |
| Nov-04 | 19.4 | 4.1 | 16.7 | 6.0 | 0.6 | 52.4 | 71.2 |
| Dec-04 | 20.2 | -0.7 | 15.5 | 5.1 | 0.0 | 39.5 | 57.5 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-05 | 17.3 | -3.0 | 9.5 | 1.3 | 97.1 | 63.4 | 73.8 |
| Feb-05 | 19.0 | -1.9 | 11.2 | 2.3 | 101.1 | 70.3 | 65.5 |
| Mar-05 | 21.4 | 4.4 | 17.6 | 7.1 | 39.0 | 52.5 | 63.4 |
| Apr-05 | 26.2 | 6.6 | 21.8 | 10.4 | 39.6 | 35.0 | 38.8 |
| May-05 | 27.5 | 6.8 | 23.8 | 11.9 | 29.2 | 44.7 | 49.0 |
| Jun-05 | 30.8 | 11.2 | 25.9 | 15.1 | 61.3 | 57.7 | 55.1 |
| Jul-05 | 25.7 | 13.8 | 19.8 | 15.1 | 461.4 | 96.7 | 92.9 |
| Aug-05 | 24.6 | 12.1 | 22.0 | 14.7 | 118.5 | 88.4 | 89.2 |
| Sep-05 | 24.1 | 10.6 | 19.8 | 13.7 | 647.3 | 86.9 | 91.0 |
| Oct-05 | 22.5 | 6.6 | 19.3 | 9.7 | 28.9 | 73.0 | 79.5 |
| Nov-05 | 19.8 | 2.9 | 17.4 | 6.1 | 0.0 | 38.1 | 56.3 |
| Dec-05 | 18.5 | -1.0 | 14.1 | 4.1 | 10.7 | 33.9 | 58.1 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-06 | 21.9 | -0.6 | 14.7 | 4.3 | 0.8 | 36.3 | 46.8 |
| Feb-06 | 23.9 | 3.9 | 19.5 | 7.6 | 2.0 | 38.9 | 49.0 |
| Mar-06 | 21.5 | 2.3 | 17.3 | 6.3 | 93.0 | 47.3 | 61.9 |
| Apr-06 | 27.1 | 4.2 | 22.4 | 10.5 | 18.4 | 40.8 | 44.4 |
| May-06 | 29.0 | 9.0 | 23.6 | 13.4 | 67.2 | 70.3 | 67.3 |
| Jun-06 | 28.3 | 11.2 | 23.2 | 14.0 | 154.7 | 68.2 | 72.9 |
| Jul-06 | 24.9 | 13.8 | 20.7 | 15.2 | 255.0 | 96.2 | 90.3 |
| Aug-06 | 25.9 | 13.0 | 21.3 | 14.5 | 299.7 | 89.5 | 84.7 |
| Sep-06 | 24.6 | 10.2 | 21.9 | 12.9 | 72.4 | 81.4 | 86.0 |
| Oct-06 | 24.8 | 4.4 | 20.5 | 10.0 | 19.7 | 58.3 | 75.3 |
| Nov-06 | 20.9 | 2.9 | 17.4 | 6.5 | 8.6 | 44.8 | 68.2 |
| Dec-06 | 21.4 | -0.8 | 14.8 | 4.5 | 20.2 | 40.0 | 52.8 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-07 | 20.0 | -2.6 | 14.9 | 2.6 | 23.8 | 39.7 | 47.5 |
| Feb-07 | 18.7 | -3.7 | 11.7 | 1.8 | 167.3 | 66.3 | 77.1 |
| Mar-07 | 24.9 | -0.9 | 17.6 | 5.2 | 170.0 | 54.1 | 67.8 |
| Apr-07 | 26.1 | 9.2 | 22.8 | 11.4 | 58.8 | 48.2 | 55.6 |
| May-07 | 25.9 | 7.7 | 22.2 | 11.9 | 116.6 | 63.8 | 61.9 |
| Jun-07 | 28.8 | 12.7 | 23.5 | 14.7 | 114.5 | 76.1 | 75.0 |
| Jul-07 | 26.3 | 13.1 | 22.3 | 14.8 | 96.9 | 91.3 | 89.4 |
| Aug-07 | 24.8 | 13.2 | 20.1 | 14.6 | 351.5 | 94.2 | 89.4 |
| Sep-07 | 24.4 | 10.6 | 21.1 | 12.9 | 336.2 | 79.6 | 84.6 |
| Oct-07 | 22.7 | 6.6 | 19.9 | 9.8 | 13.4 | 58.4 | 74.9 |
| Nov-07 | 20.0 | 3.7 | 16.9 | 6.1 | 0.0 | 56.6 | 76.6 |
| Dec-07 | 19.9 | -1.0 | 14.5 | 3.8 | 4.3 | 35.9 | 51.8 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-08 | 18.5 | -5.4 | 10.4 | 1.0 | 12.6 | 60.4 | 66.7 |
| Feb-08 | 19.7 | -4.6 | 12.8 | 1.2 | 22.6 | 55.4 | 63.4 |
| Mar-08 | 23.2 | 4.5 | 20.3 | 7.4 | 3.9 | 35.4 | 48.9 |
| Apr-08 | 28.9 | 2.5 | 22.4 | 9.3 | 35.5 | 41.4 | 43.8 |
| May-08 | 29.1 | 8.7 | 22.8 | 11.4 | 50.1 | 52.3 | 56.8 |
| Jun-08 | 25.4 | 11.5 | 20.4 | 13.6 | 281.7 | 91.1 | 86.8 |
| Jul-08 | 22.5 | 13.7 | 20.0 | 14.4 | 430.6 | 94.7 | 93.5 |
| Aug-08 | 24.9 | 12.0 | 20.1 | 14.0 | 344.1 | 92.9 | 92.1 |
| Sep-08 | 24.9 | 8.6 | 21.1 | 12.1 | 323.4 | 71.8 | 79.8 |
| Oct-08 | 23.1 | 6.7 | 20.4 | 9.4 | 2.8 | 61.0 | 69.2 |
| Nov-08 | 22.4 | 2.2 | 18.2 | 6.8 | 6.5 | 42.4 | 63.8 |
| Dec-08 | 21.5 | 0.8 | 16.7 | 5.3 | 0.0 | 35.8 | 49.8 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-09 | 22.8 | -0.4 | 15.4 | 4.5 | 0.7 | 37.8 | 48.1 |
| Feb-09 | 21.0 | -1.7 | 17.0 | 3.9 | 49.0 | 35.4 | 47.4 |
| Mar-09 | 24.6 | 2.5 | 19.0 | 6.4 | 36.6 | 38.9 | 50.7 |
| Apr-09 | 29.4 | 0.9 | 23.8 | 10.0 | 37.6 | 34.2 | 37.1 |
| May-09 | 29.4 | 6.4 | 23.2 | 11.1 | 83.1 | 57.6 | 62.4 |
| Jun-09 | 36.5 | 10.8 | 26.6 | 14.1 | 21.8 | 49.2 | 54.4 |
| Jul-09 | 25.8 | 12.5 | 22.8 | 14.1 | 155.9 | 87.0 | 83.2 |
| Aug-09 | 25.8 | 11.8 | 21.8 | 13.8 | 387.3 | 90.9 | 86.5 |
| Sep-09 | 26.2 | 10.8 | 20.7 | 13.1 | 332.4 | 85.7 | 88.9 |
| Oct-09 | 24.0 | 7.7 | 20.2 | 10.2 | 181.2 | 50.7 | 63.9 |
| Nov-09 | 20.4 | 3.5 | 16.7 | 6.9 | 25.4 | 42.9 | 62.8 |
| Dec-09 | 18.3 | 0.0 | 14.3 | 4.1 | 4.1 | 38.6 | 58.3 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-10 | 15.8 | -1.3 | 14.7 | 4.0 | 6.2 | 45.4 | 51.9 |
| Feb-10 | 20.6 | 1.0 | 14.4 | 3.7 | 73.4 | 49.6 | 57.8 |
| Mar-10 | 26.4 | 4.9 | 22.0 | 9.3 | 0.0 | 40.5 | 51.5 |
| Apr-10 | 29.9 | 8.1 | 25.9 | 13.0 | 18.5 | 31.2 | 34.0 |
| May-10 | 29.9 | 8.8 | 25.3 | 13.4 | 61.4 | 50.6 | 51.4 |
| Jun-10 | 29.9 | 9.6 | 25.5 | 14.3 | 45.5 | 60.7 | 58.7 |
| Jul-10 | 24.7 | 13.8 | 20.5 | 15.1 | 467.4 | 93.9 | 91.3 |
| Aug-10 | 23.3 | 14.0 | 19.7 | 14.9 | 366.4 | 95.5 | 94.0 |
| Sep-10 | 22.9 | 9.8 | 18.8 | 13.7 | 614.9 | 88.5 | 92.2 |
| Oct-10 | 23.7 | 4.9 | 20.3 | 10.3 | 9.0 | 60.2 | 72.9 |
| Nov-10 | 20.8 | 2.8 | 17.8 | 7.6 | 19.4 | 45.9 | 64.3 |
| Dec-10 | 17.0 | 0.0 | 13.4 | 3.1 | 19.2 | 40.0 | 57.2 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-11 | 15.5 | -4.0 | 11.5 | 0.8 | 36.5 | 43.8 | 54.8 |
| Feb-11 | 20.5 | -1.1 | 13.1 | 3.1 | 70.8 | 52.0 | 63.1 |
| Mar-11 | 24.7 | 1.8 | 18.8 | 6.8 | 24.9 | 39.9 | 54.1 |
| Apr-11 | 26.6 | 4.7 | 20.3 | 9.0 | 49.5 | 44.6 | 47.2 |
| May-11 | 27.8 | 7.8 | 24.5 | 12.3 | 80.5 | 58.0 | 59.8 |
| Jun-11 | 25.0 | 9.5 | 21.1 | 13.6 | 267.6 | 84.7 | 79.4 |
| Jul-11 | 24.7 | 11.4 | 20.5 | 14.3 | 306.1 | 95.6 | 91.4 |
| Aug-11 | 24.4 | 12.0 | 19.8 | 14.1 | 540.4 | 93.3 | 90.8 |
| Sep-11 | 24.0 | 11.2 | 21.2 | 13.0 | 106.1 | 83.0 | 84.4 |
| Oct-11 | 23.2 | 6.0 | 19.7 | 9.8 | 2.8 | 62.0 | 75.1 |
| Nov-11 | 21.3 | 3.7 | 18.2 | 6.4 | 0.0 | 63.0 | 69.0 |
| Dec-11 | 18.1 | 0.4 | 14.9 | 3.6 | 1.8 | 35.0 | 46.8 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-12 | 14.0 | -4.0 | 8.2 | -0.7 | 43.3 | 73.9 | 73.4 |
| Feb-12 | 21.9 | -4.6 | 12.6 | 2.4 | 5.7 | 47.8 | 54.0 |
| Mar-12 | 25.7 | -2.3 | 18.4 | 5.6 | 49.0 | 42.5 | 47.5 |
| Apr-12 | 26.5 | 4.1 | 19.7 | 8.2 | 46.7 | 52.4 | 53.6 |
| May-12 | 31.1 | 6.1 | 25.9 | 12.8 | 5.3 | 34.8 | 39.2 |
| Jun-12 | 32.5 | 10.4 | 28.9 | 15.2 | 20.9 | 46.3 | 48.0 |
| Jul-12 | 28.7 | 12.8 | 21.3 | 14.5 | 285.8 | 90.7 | 89.3 |
| Aug-12 | 23.5 | 12.4 | 20.0 | 14.0 | 377.6 | 92.3 | 93.2 |
| Sep-12 | 25.0 | 11.0 | 21.3 | 13.2 | 233.3 | 82.5 | 85.9 |
| Oct-12 | 23.0 | 4.9 | 20.3 | 8.6 | 5.8 | 49.7 | 70.5 |
| Nov-12 | 21.0 | 0.6 | 17.2 | 4.9 | 5.3 | 40.7 | 66.3 |
| Dec-12 | 21.3 | -2.2 | 14.5 | 3.2 | 36.2 | 31.4 | 46.8 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-13 | 16.9 | -2.6 | 12.3 | 0.9 | 78.3 | 43.9 | 53.4 |
| Feb-13 | 18.0 | -2.2 | 11.9 | 2.7 | 195.9 | 60.7 | 71.3 |
| Mar-13 | 23.0 | 2.6 | 19.6 | 2.6 | 29.9 | 42.0 | 57.5 |
| Apr-13 | 26.2 | 4.8 | 21.6 | 8.9 | 61.3 | 46.2 | 51.6 |
| May-13 | 29.7 | 7.0 | 25.8 | 13.0 | 32.4 | 43.6 | 57.5 |
| Jun-13 | 26.0 | 11.4 | 21.2 | 13.7 | 630.6 | 89.5 | 88.2 |
| Jul-13 | 24.5 | 13.2 | 20.6 | 14.4 | 326.0 | 94.8 | 90.5 |
| Aug-13 | 24.6 | 12.8 | 21.2 | 13.7 | 171.0 | 92.6 | 90.3 |
| Sep-13 | 24.6 | 9.8 | 21.2 | 12.7 | 62.4 | 82.2 | 84.0 |
| Oct-13 | 22.2 | 5.4 | 19.2 | 9.5 | 8.8 | 70.5 | 81.4 |
| Nov-13 | 21.3 | 2.2 | 17.6 | 5.6 | 1.0 | 39.1 | 58.5 |
| Dec-13 | 18.0 | -2.5 | 13.8 | 2.4 | 15.6 | 48.3 | 61.5 |

| Month | H. Max | L. Min | Max | Min | R/F | RH1 | RH2 |
|--------|--------|--------|------|------|-------|------|------|
| Jan-14 | 17.7 | -2.0 | 11.6 | 2.2 | 83.6 | 55.6 | 60.4 |
| Feb-14 | 17.3 | -3.3 | 11.7 | 1.9 | 127.2 | 61.5 | 72.0 |
| Mar-14 | 22.6 | -0.9 | 16.0 | 5.1 | 72.4 | 54.1 | 62.6 |
| Apr-14 | 27.0 | 3.8 | 21.2 | 9.1 | 29.4 | 43.9 | 51.9 |
| May-14 | 29.2 | 7.7 | 24.0 | 11.7 | 62.1 | 51.6 | 55.5 |
| Jun-14 | 31.4 | 12.7 | 26.4 | 15.4 | 47.7 | 68.4 | 68.4 |
| Jul-14 | 27.2 | 14.1 | 20.8 | 15.2 | 707.2 | 93.2 | 88.7 |
| Aug-14 | 26.4 | 12.5 | 22.9 | 14.6 | 164.3 | 85.4 | 87.3 |
| Sep-14 | 26.5 | 10.5 | 21.6 | 13.1 | 84.6 | 82.0 | 83.8 |
| Oct-14 | 22.5 | 5.1 | 18.9 | 9.5 | 91.8 | 63.8 | 72.2 |
| Nov-14 | 21.4 | 3.5 | 18.7 | 7.1 | 0.0 | 37.5 | 53.7 |
| Dec-14 | 22.2 | -3.9 | 14.0 | 4.0 | 105.8 | 39.3 | 52.3 |

| Legends: | |
|-----------------|-----------------------------------------------------|
| Hmax | Month's Highest Maximum Temperature in °C |
| Lmin | Month's Lowest Minimum Temperature in °C |
| Max | Monthly Average Maximum Temperature in °C |
| Min | Monthly Average Minimum Temperature in °C |
| R/F | Monthly Total rainfall in mm |
| RH1 | Monthly Average Relative Humidity at 08:30 IST in % |
| RH2 | Monthly Average Relative Humidity at 17:30 IST in % |