

Table 5.36-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT

| Month | Normal temperature (°F) | | | Extreme temperature (°F) | | Precipitation (inches) | | | |
|-----------|-------------------------|---------------|---------|--------------------------|---------------|------------------------|-----------------|-----------------|---------------------|
| | Daily maximum | Daily minimum | Monthly | Record highest | Record lowest | Normal total | Maximum monthly | Minimum monthly | Maximum in 24 hours |
| January | 80.1 | 65.6 | 72.9 | 87 | 53 | 3.55 | 14.74 | 0.18 | 6.72 |
| February | 80.5 | 65.4 | 73.0 | 88 | 53 | 2.21 | 13.68 | 0.06 | 6.88 |
| March | 81.6 | 67.2 | 74.4 | 88 | 55 | 2.20 | 20.79 | 0.01 | 17.07 |
| April | 82.8 | 68.7 | 75.8 | 89 | 57 | 1.54 | 8.92 | 0.01 | 4.21 |
| May | 84.7 | 70.3 | 77.5 | 93 | 60 | 1.13 | 7.23 | 0.05 | 3.44 |
| June | 86.5 | 72.2 | 79.4 | 92 | 65 | 0.50 | 2.46 | T | 2.28 |
| July | 87.5 | 73.5 | 80.5 | 94 | 66 | 0.59 | 2.33 | 0.03 | 2.20 |
| August | 88.7 | 74.2 | 81.4 | 93 | 67 | 0.44 | 3.08 | T | 2.35 |
| September | 88.5 | 73.5 | 81.0 | 95 | 66 | 0.78 | 2.74 | 0.05 | 1.40 |
| October | 86.9 | 72.3 | 79.6 | 94 | 61 | 2.28 | 11.15 | 0.11 | 7.57 |
| November | 84.1 | 70.3 | 77.2 | 93 | 57 | 3.00 | 14.72 | 0.03 | 9.15 |
| December | 81.2 | 67.0 | 74.1 | 89 | 54 | 3.80 | 17.29 | 0.06 | 8.25 |
| Annual | 84.4 | 70.0 | 77.2 | 95 | 53 | 22.02 | 20.79 | T | 17.07 |

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Table 5.36-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT -- Con.

| Month | Relative humidity (percent) | | Wind (miles/hour) | | Percent of possible sunshine | Mean sky cover, sunrise to sunset 2/ | Mean number of days | | |
|-----------|--------------------------------|--------|----------------------|--------------------|------------------------------------|---|---------------------|--------|--------------------------------|
| | 8 A.M. | 2 P.M. | Mean speed | Fastest obs. 1/ | | | Clear | Cloudy | Precip. .01 inch or more |
| January | 81 | 61 | 9.5 | 32 | 65 | 5.4 | 9.5 | 8.5 | 9.4 |
| February | 79 | 59 | 10.1 | 35 | 67 | 5.5 | 8.1 | 7.8 | 9.2 |
| March | 73 | 57 | 11.3 | 30 | 71 | 5.8 | 7.5 | 9.4 | 8.8 |
| April | 70 | 55 | 11.8 | 31 | 70 | 6.1 | 5.7 | 9.8 | 8.9 |
| May | 67 | 53 | 11.8 | 30 | 71 | 5.9 | 6.6 | 9.0 | 7.2 |
| June | 66 | 52 | 12.6 | 26 | 73 | 5.5 | 6.4 | 6.3 | 5.7 |
| July | 67 | 51 | 13.1 | 28 | 76 | 5.3 | 7.5 | 5.3 | 7.3 |
| August | 68 | 52 | 12.9 | 28 | 77 | 5.2 | 8.1 | 5.9 | 6.2 |
| September | 69 | 52 | 11.2 | 38 | 77 | 5.2 | 8.1 | 5.9 | 7.0 |
| October | 70 | 55 | 10.5 | 25 | 70 | 5.6 | 7.5 | 8.4 | 8.7 |
| November | 75 | 58 | 10.7 | 46 | 63 | 5.7 | 7.2 | 9.1 | 9.0 |
| December | 79 | 60 | 10.4 | 33 | 62 | 5.5 | 8.2 | 9.0 | 10.2 |
| Annual | 72 | 55 | 11.3 | 46 | 70 | 5.6 | 90.4 | 94.6 | 97.6 |

T Trace amount.

1/ Fastest observation, 2 minutes, during period of record.

2/ Sky cover is expressed in a range of 0 for no clouds or obscuring phenomena to 10 for complete sky cover.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, Honolulu, 1995.*