

Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through December 2014]

| Island and station | Ground elevation (feet) | Average temperature 1/ (°F) | | Extreme temperature of record (°F) | | Average annual precipitation (inches) |
|---------------------------------|-------------------------|-----------------------------|---------------|------------------------------------|---------|---------------------------------------|
| | | Coollest month | Warmest month | Lowest | Highest | |
| Hawaii: | | | | | | |
| Hilo Airport | 38 | 66.4 | 81.2 | 53 | 94 | 128.05 |
| Hawaii Volcanoes Nat. Park Hdq. | 3,971 | 52.7 | 69.1 | 34 | 89 | 109.21 |
| Naalehu | 800 | 65.8 | 79.4 | 50 | 93 | 48.19 |
| Kailua | 700 | 63.7 | 76.5 | 50 | 88 | 119.30 |
| Puako 2/ | 49 | 68.3 | 83.8 | 52 | 92 | 10.11 |
| Waimea (Kamuela) 3/ | 2,671 | 66.6 | 84.1 | 49 | 95 | 22.56 |
| Honokaa | 1,080 | (NA) | (NA) | (NA) | (NA) | 78.53 |
| Mauna Kea summit 4/ | 13,773 | (NA) | (NA) | 12 | 75 | 7.41 |
| Maui: | | | | | | |
| Hana Airport 5/ | 75 | 67.4 | 80.8 | 50 | 94 | 80.76 |
| Haleakala summit 6/ | 9,964 | 44.7 | 62.7 | 27 | 80 | 52.89 |
| Kihei 7/ | 160 | 64.4 | 86.2 | 49 | 98 | 12.84 |
| Kahului Airport | 51 | 67.4 | 83.8 | 48 | 97 | 18.93 |
| Lahaina 8/ | 40 | 66.4 | 84.9 | 52 | 97 | 14.62 |
| Molokai: | | | | | | |
| Kaunakakai | 12 | (NA) | (NA) | (NA) | (NA) | 13.66 |
| Molokai Airport | 443 | 67.6 | 81.4 | 46 | 96 | 25.07 |
| Lanai: | | | | | | |
| Lanai City 9/ | 1,620 | 62.4 | 75.4 | 47 | 89 | 35.04 |

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Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.

| Island and station | Ground elevation (feet) | Average temperature 1/ (°F) | | Extreme temperature of record (°F) | | Average annual precipitation (inches) |
|--------------------------------|-------------------------|-----------------------------|---------------|------------------------------------|---------|---------------------------------------|
| | | Coollest month | Warmest month | Lowest | Highest | |
| Oahu: | | | | | | |
| Honolulu International Airport | 7 | 70.3 | 84.0 | 52 | 95 | 20.87 |
| Waikiki (Honolulu Zoo) | 10 | 69.1 | 84.6 | 42 | 95 | 24.13 |
| Manoa (Lyon Arboretum) | 500 | 66.6 | 79.0 | 49 | 96 | 151.05 |
| Kaneohe (State Hospital) | 48 | 68.8 | 79.8 | 43 | 93 | 76.03 |
| Kahuku | 13 | 68.6 | 80.9 | 51 | 99 | 44.11 |
| Wheeler AFB 10/ | 820 | 45.6 | 59.8 | 25 | 88 | 38.46 |
| Kauai: | | | | | | |
| Kilauea (town) | 390 | 67.1 | 79.5 | 50 | 90 | 67.97 |
| Lihue Airport | 100 | 69.8 | 81.1 | 50 | 90 | 41.76 |
| Poipu (Makahuena Pt.) 6/ | 52 | 69.3 | 82.6 | 50 | 95 | 36.08 |
| Kekaha 11/ | 10 | 64.8 | 84.8 | 44 | 95 | 21.78 |
| Kokee (Kanalohuluhulu) | 3,600 | 51.0 | 67.3 | 29 | 90 | 66.70 |
| Northwestern Hawaiian Islands: | | | | | | |
| Midway 12/ | 10 | 68.4 | 76.2 | 51 | 92 | 42.52 |

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NA Not available.

1/ For some stations, data represent 30-year normals.

2/ Data available through 1976. Temperature data are for Mahukona.

3/ Data available through 1980.

4/ Based on incomplete and non-continuous data for 1966-1972.

5/ Data available through 2005.

6/ Data available through 1976.

7/ Temperature data available through 1982, refer to Keawakapu Beach.

8/ Data available through 2001.

9/ Data available through 2008, then restarted since June 2010.

10/ Data available through 1949.

11/ Data available through 2000.

12/ Data available through 1991, not confirmed.

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; and University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.