

Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through December 2016]

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	126.61
Hawaii Volcanoes Nat. Park Hdq.	3,971	52.6	69.2	34	2/ 85	106.84
Naalehu	800	65.8	79.4	50	93	47.24
Kona Airport	2/ 30	2/ 66.9	2/ 82.7	2/ 52	2/ 93	2/ 24.00
Puako 3/	49	68.3	83.8	52	2/ 91	10.11
Waimea (Kamuela) 4/	2,671	2/ 53.9	2/ 74.1	2/ 34	2/ 87	2/ 32.68
Honokaa	1,080	(NA)	(NA)	(NA)	(NA)	78.53
Mauna Kea summit 5/	13,773	2/ (NA)	2/ (NA)	2/ (NA)	2/ (NA)	2/ 7.41
Maui:						
Hana Airport 6/	75	67.4	80.8	50	2/ 91	80.48
Haleakala summit 7/	9,964	38.9	54.6	2/ (NA)	2/ 68	38.89
Kihei 8/	160	(NA)	(NA)	(NA)	(NA)	12.84
Kahului Airport	51	67.3	83.8	48	97	18.23
Lahaina 9/	40	66.4	84.9	52	2/ 94	14.63
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	13.66
Molokai Airport	443	67.6	81.4	2/ 48	2/ 93	24.96
Lanai:						
Lanai City 10/	1,620	62.4	75.4	2/ 46	2/ 87	34.29

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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	70.4	84.0	52	95	20.20
Waikiki (Honolulu Zoo)	10	69.2	84.5	2/ 52	2/ 94	23.44
Manoa (Lyon Arboretum)	500	66.6	79.0	49	2/ 92	151.05
Kaneohe (State Hospital)	190	68.8	79.8	2/ 55	2/ 91	76.03
Kahuku	13	68.6	80.9	51	2/ 95	44.11
Wheeler AFB 11/	820	45.6	59.8	25	88	38.46
Upper Wahiawa 12/	1,006	64.4	79.2	2/ 51	2/ 89	67.48
Kauai:						
Kilauea (town)	390	67.1	79.5	2/ 49	2/ 93	67.97
Lihue Airport	100	69.9	81.1	50	91	40.93
Poipu (Makahuena Pt.) 7/	52	69.3	82.6	50	95	36.08
Kekaha 13/	10	64.8	84.8	44	95	21.78
Kokee (Kanalohuluhulu)	3,600	51.1	67.3	2/ 27	2/ 86	2/ 66.07
Northwestern Hawaiian Islands:						
Midway 14/	2/ 40	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/ Revised from previous *Data Book*.

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

4/ Data available through 1980.

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

6/ Data available through 2005.

7/ Data available through 1976.

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

9/ Data available through 2001.

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

11/ Data available through 1949.

12/ Started on April 1971 used through December 1977, then relocated WSW of Post Office at Wahiawa.

13/ Data available through 2000.

14/ 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 Atmospheric Science, records.