

Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through December 2017]

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	63.5	84.0	51	92	124.73
Hawaii Volcanoes Nat. Park Hdq.	3,971	46.0	72.5	34	87	93.11
Naalehu	800	61.5	84.5	50	96	45.20
Kailua (Kona Airport)	30	69.5	87.5	60	96	23.30
Puako 2/	49	60.0	85.0	52	92	9.01
Waimea (Kamuela) 3/	2,671	49.5	73.5	34	87	31.44
Honokaa	1,080	(NA)	(NA)	(NA)	(NA)	67.35
Mauna Kea summit 4/	13,773	(NA)	(NA)	(NA)	(NA)	5.71
Maui:						
Hana Airport 5/	75	60.0	84.0	50	94	73.42
Haleakala summit 6/	9,964	26.0	62.5	15	73	25.33
Kihei 7/	160	(NA)	(NA)	(NA)	(NA)	12.21
Kahului Airport	51	61.5	86.5	48	97	18.52
Lahaina 8/	40	63.0	86.0	52	97	13.57
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	13.10
Molokai Airport	443	59.5	85.5	46	93	23.83
Lanai:						
Lanai City 9/	1,620	55.5	79.5	46	89	33.41

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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:						
Daniel K. Inouye International Airport 10/	7	62.5	86.5	52	95	19.57
Waikiki (Honolulu Zoo)	10	59.5	86.5	43	95	22.55
Manoa (Lyon Arboretum)	500	60.5	82.0	49	92	150.52
Kaneohe (State Hospital)	190	60.5	84.5	50	93	69.53
Kahuku	13	32.0	85.0	32	95	37.84
Wheeler AFB 11/	820	32.0	80.0	32	91	39.96
Upper Wahiawa 12/	1,006	59.5	81.0	42	92	59.81
Kauai:						
Kilauea (town)	390	59.5	82.5	49	93	64.89
Lihue Airport	100	60.0	84.5	50	91	39.75
Poipu (Makahuena Pt.) 6/	52	61.0	85.5	50	96	32.06
Kekaha 13/	10	61.5	85.0	44	95	20.60
Kokee (Kanalohuluhulu)	3,600	32.5	74.0	19	86	62.29
Northwestern Hawaiian Islands:						
Midway 14/	40	55.0	86.5	49	92	40.73

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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/ Formerly known as Honolulu International Airport.

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.