

Table 5.52-- CLIMATIC DATA FOR THE PERIOD OF RECORD: 2023

[As of December 31, 2023]

Subject	Date	Place	Magnitude
Long-term average			
Lowest monthly average minimum temp. (°F)	February	Mauna Kea summit	23.5
Lowest monthly average daily temp. (°F)	February	Mauna Kea summit	31.3
Highest monthly average maximum temp. (°F)	September	Kawaihae 1/	91.9
Highest monthly average daily temp. (°F)	August	Honolulu International Airport	81.4
Lowest annual rainfall of record (inches)	--	Waiopai Ranch	3.3
Highest annual rainfall of record (inches)	--	Kawaihae	444.0
Single Events			
Lowest temperature of record (°F)	Jan. 20, 1970	Mauna Kea summit 2/	1.4
Highest temperature of record (°F)	Jul. 31, 2012	Pta Kipuka Alala Hawaii	123.0
Lowest annual rainfall of record (inches)	1998	Waiawa	0.02
Highest annual rainfall of record (inches)	1982	Waialeale	666.0
Highest wind speed of record (m.p.h.)	Sep. 11, 1992	Makahuena Pt. 3/	143.0

1/ Puukohola Heiau National Historical Site, Kawaihae, Hawaii.

2/ Recorded by Dr. Alfred Woodcock 60 meters inside the Mauna Kea summit cone, at 6:50 a.m. The rim at that time had a temperature of 39°F.

3/ Makahuena Point Coast Guard Station, Poipu, Kauai.

Source: Hawaii State Climate Office, State Climatologist, data provided March 6, 2024.