

Table 5.52-- CLIMATIC DATA FOR THE PERIOD OF RECORD: 2021

Subject	Date	Place	Magnitude
Long-term averages			
Lowest monthly average minimum temp. (°F)	February, 1995	Mauna Kea summit	23.5
Lowest monthly average daily temp. (°F)	February, 1995	Mauna Kea summit	31.3
Highest monthly average maximum temp. (°F)	August, 2018	OHE O 258.6	98.2
Highest monthly average daily temp. (°F)	August, 2019	Honolulu International Airport	83.5
Lowest average annual rainfall (inches)	...	Kawaihae	8.7
Highest average annual rainfall (inches)	...	Waialeale	444.0
Single events			
Lowest temperature of record (°F)	Jan. 20, 1970	Mauna Kea summit 1/	1.4
Highest temperature of record (°F)	Feb. 14, 2015	Kaupo Gap Hawaii	135.0
Lowest annual rainfall of record (inches)	1953	Kawaihae	0.2
Highest annual rainfall of record (inches)	1982	Waialeale	666.0
Highest wind speed of record (m.p.h.)	Sept. 11, 1992	Makahuena Pt. 2/	143.0

1/ 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.

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

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995; and Hawaii State Climate Office, State Climatologist, data provided June 9, 2022.