

**Table 5.52-- CLIMATIC DATA FOR THE PERIOD OF RECORD: 2022**

[As of December 31, 2022. The originating data source has changed, and as a result, data are revised and may no longer be comparable to previous editions of the *Data Book*]

Subject	Date	Place	Magnitude
Long-term averages			
Lowest monthly average minimum temp. (°F)	March, 1980	Mauna Kea Observatory	23.9
Lowest monthly average daily temp. (°F)	February, 1979	Mauna Kea Observatory	30.1
Highest monthly average maximum temp. (°F)	September, 2009	Makua Range Hawaii	115.3
Highest monthly average daily temp. (°F)	September, 2012	Pta Kipuka Alala Hawaii	100.0
Lowest climatological monthly average minimum temp. (°F)	January	Mauna Loa Slope OBS	33.7
Lowest climatological monthly average daily temp. (°F)	January	Mauna Loa Slope OBS	42.2
Highest climatological monthly average maximum temp. (°F)	July	Waikiki	87.4
Highest climatological monthly average daily temp. (°F)	July	Honolulu International Airport	80.7
Lowest climatological monthly rainfall of record (inches)	July	Olowalu	0.0
Highest climatological monthly rainfall of record (inches)	March	Waiakea	20.3
Lowest climatological annual rainfall of record (inches)	(X)	Waiopai Ranch	3.3
Highest climatological annual rainfall of record (inches)	(X)	Mount Waiakeale	328.2
Single events			
Lowest temperature of record (°F)	February 25, 1977	Mauna Kea Observatory	12.0
Highest temperature of record (°F)	July 31, 2012	Pta Kipuka Alala Hawaii	123.0
Lowest annual rainfall of record (inches)	1988	Waiawa	0.0
Highest annual rainfall of record (inches)	1951	Mount Waialeale	410.5
Highest wind speed of record (m.p.h.)	March 27, 2009	Moloaa Dairy Hawaii	140.0

X Not applicable.

Source: Hawaii State Climate Office, State Climatologist, data provided February 16, 2023.