

Table 5.51-- CLIMATIC DATA FOR THE PERIOD OF RECORD

| Subject | Date | Place | Magnitude |
|--|----------------|---------------------|-----------|
| Long-term averages | | | |
| 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) | September | Kawaihae 1/ | 80.8 |
| 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 2/ | 1.4 |
| Highest temperature of record (°F) | April 27, 1931 | Pahala | 100.0 |
| 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. 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 Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995.