

**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       |
| 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       |
| Lowest annual rainfall of record (inches)  | 1953           | Kawaihae            | 0.2       |
| Highest annual rainfall of record (inches) | 1982           | Waialeale           | 666       |
| Highest wind speed of record (m.p.h.)      | Sept. 11, 1992 | Makahuena Pt. 3/    | 143       |

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.