

**Table 5.35-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO,  
KAHULUI, HONOLULU, AND LIHUE AIRPORTS**

Subject	Hilo	Kahului	Honolulu	Lihue
Normal temperatures (°F):				
Daily maximum	81.5	83.9	84.4	81.2
Daily minimum	66.4	67.2	70.0	70.0
Monthly: Coolest month	71.7	71.7	72.9	71.6
Warmest month	76.3	79.3	81.4	79.5
Annual	74.0	75.6	77.2	75.6
Extreme temperatures (°F):				
Record highest	94	97	95	90
Record lowest	53	48	53	50
Normal degree days, base 65°F:				
Heating	-	-	-	-
Cooling	3,284	3,883	4,474	3,883
Precipitation (inches):				
Normal	129.19	20.92	22.02	43.00
Maximum monthly	50.82	14.46	20.79	22.91
Minimum monthly	0.28	0.00	T	T
Maximum in 24 hours	22.30	7.01	17.07	11.54
Relative humidity (percent):				
8 A.M.	80	75	72	78
2 P.M.	68	58	55	67
Wind speed (m.p.h.):				
Mean	7.2	12.8	11.3	12.4
Peak gust	55	54	51	115
Percent of possible sunshine	40	67	70	57
Mean number of days:				
Clear	35.5	130.6	90.4	56.1
Partly cloudy	131.5	145.1	180.2	183.5
Cloudy	198.2	89.5	94.6	125.6
Precipitation .01 inch or more	278.1	100.2	97.6	200.4
Thunderstorms	9.8	4.1	6.6	7.7
Temperature maximum 90° and above	0.8	26.3	36.7	0.2

T Trace amount.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 1995* for Hilo, Kahului, Honolulu, and Lihue.