## Preliminary Local Climatological Data

**Station:** Mount Washington Observatory

**Month:** December 2009

**Latitude:** 44 Degrees 16 Minutes North

**Longitude:** 71 Degrees 18 Minutes West

**Ground Elevation (H):** 6280 FT

**Standard Time:** Eastern

### Temperature (°F)

- **Average Monthly:** 31.3
- **Departure From Normal:** 0.1

### Precipitation (in.)

- **Total for the Month:** 17.3
- **Departure From Normal:** 0.0

### Wind (MPH)

- **Average Speed:** 12.1
- **Fastest Mile:** 41.6

### Sunshine (Minutes)

- **Total:** 1022

### Sky Cover (Tenths)

- **Total:** 10.2

### Weather

- **Highest Sea-Level:** 29.75
- **Lowest Sea-Level:** 28.69

### Temperature Data (°F)

- **Average Relative Humidity for Each Synoptic Hour:**
  - **0600:** 40.0
  - **1200:** 35.0
  - **1800:** 30.0
  - **0000:** 25.0

### Notes:

- Peak Gust (Col. 11) entered in place of Fastest Mile recorded from Pitot-Static Type Anemometer.
- There were 294 hours of prevailing winds from the W.

### Symbols Used in Column 16

- **X:** Tornado