### Preliminary Local Climatological Data

**Month:** August 2007

**Station:** Mount Washington Observatory

**Temperature (°F):**
- **Average:** 48.8
- **Highest:** 67 on 3rd
- **Lowest:** 29 on 19th

**Precipitation (IN.):**
- **Average:** 5.71

**Wind Speed (MPH):**
- **Fastest Mile (Min.):** 55.4

**Pressure Data (IN.):**
- **Average Station:** 32.920

**Heating Degree Days (Base 65°F):**
- **Highest Sea-Level:** 30.338 on 28th
- **Lowest Sea-Level:** 29.756 on 8th

**Cooling Degree Days (Base 65°F):**
- **30th: Snowfall fell as Hail (Base 65°F)**

**Notes:**
- 19th: Daily record low of 2°F tied, the original record was set in 1958.
- 25th: Daily record high of 65°F tied, the original record was set in 1947.
- 30th: Daily record high of 69°F tied, the original record was set in 1953.
- Snowfall fell as hail.

**Weather Symbols Used in Column 16:**
- FOG
- FOG REDUCING VISIBILITY
- CLEAR (SCALE 0-3)
- PARTLY CLOUDY (SCALE 4-7)
- CLOUDY (SCALE 8-10)
- SNOWFALL, ICE PELLETS (IN.)
- CLOUDY (SCALE 8-10)
- ICE PELLETS
- HAIL
- SNOW
- BLOWING SNOW
- TORNADO
- SMOKES OR HAZE
- BLowing DUST OR SAND

**Seasonal:**
- **Total: 1009**

**Departure from Normal:**
- **Total from Normal:** -44

**Average Monthly:**
- **Average:** 48.8
- **Departure from Normal:** -2.37

**Heating Degree Days:**
- **Highest Sea-Level:** 30.338 on 28th
- **Lowest Sea-Level:** 29.756 on 8th

**Cooling Degree Days:**
- **30th: Snowfall fell as Hail**

**Average Relative Humidity for Each Synoptic Hour:**

**Notes:**
- Peak gust (col. 11) entered in place of fastest mile

**Average Station:**
- **32.920**

**Departure from Normal:**
- **Total from Normal:** -44

**Seasonal:**
- **Total:** 0

**Notes:**
- There were 354 hours of prevailing winds from the W.