The following charts are the principal charts of the former National Weather Service publication, "Daily Weather Map." They are the Surface Weather Map, the 500-Millibar Height Contours chart, the Highest and Lowest Temperatures chart, and the Precipitation Areas and Amounts chart. All charts are derived from the operational weather maps prepared at the National Centers for Environmental Prediction, Hydrometeorological Prediction Center, National Weather Service. The symbols on the Surface Weather Map and the 500-Millibar Height contours are standard international symbols.

The Surface Weather Map shows station data and the analysis for 7:00 a.m. EST. Areas of precipitation are indicated by shading. The weather reports displayed here are only a fraction of those on which the analyses are based. Occasional apparent discrepancies between the printed station data and the analyses result from the absence of station reports not included here because of a lack of space.

The 500-Millibar Height Contours chart shows height contours (solid lines), temperatures (dashed lines) and winds (arrows) at the 500-Millibar pressure level at 7:00 a.m. EST. The height contours show the height of the 500-millibar pressure level in dekameters above sea level and isotherms, the lines of constant temperature, are shown in degrees Celsius. Arrows show the wind direction and speed at the 500-Millibar level.

The Highest and Lowest Temperature chart shows the maximum temperature for a period from 7:00 a.m. EST the previous day through 1 a.m. EST and the minimum temperature for the period from 7:00 p.m. EST the previous day through 1 p.m. The maximum temperature is plotted above the station location and the minimum temperature is plotted below.

The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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| The Daily Weather Maps SEPTEMBER 13, 2010 - SEPTEMBER 19, 2010 Week 37 | Current HPC products are available online at www.hpc.ncep.noaa.gov | }
MONDAY, SEPTEMBER 13, 2010
**Station Model**

**Wind Speed**
- Long Feather - 10 knots
- Short Feather - 5 knots

**Wind Direction**

**Current Temperature (in °F)**

**Visibility (in miles)**

**Present Weather Symbol**

**Dew Point Temperature**

**Sky Cover**

**3-Digit Surface Pressure (in tenths). Ex:**
- 989 = 998.9mb,
- 012 = 1001.2mb

**3 Hour Pressure Tendency (in tenths)**

**6 Hour Total Precipitation (in hundredths of an inch)**

**Highest and Lowest Temperature**

**24-hour Precipitation Areas and Amounts Ending 7:00 A.M. EST.**

**500-Millibar Height Contours at 7:00 A.M. EST.**

**TUESDAY, SEPTEMBER 14, 2010**
<table>
<thead>
<tr>
<th>Wind Speed</th>
<th>Wind Direction</th>
<th>Current Temperature (in °F)</th>
<th>Visibility (in miles)</th>
<th>Present Weather Symbol</th>
<th>Dew Point Temperature</th>
<th>Sky Cover</th>
<th>3-Digit Surface Pressure (in tenths)</th>
<th>3-Hour Pressure Tendency (in tenths)</th>
<th>6-Hour Total Precipitation (in hundredths of an inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Feather - 10 knots</td>
<td>Short Feather - 5 knots</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>989 = 998.9mb, 012 = 1001.2mb</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Highest and Lowest Temperature**

<table>
<thead>
<tr>
<th>Time</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 A.M. E.S.T.</td>
<td>Highest: 79°F, Lowest: 57°F</td>
</tr>
</tbody>
</table>

**24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.**

- Precipitation areas are indicated by shaded regions.
- Precipitation amounts are noted in the shaded regions.

**500-Millibar Height Contours at 7:00 A.M. E.S.T.**

- Contours are shown in millibars.
- Regions of high pressure (HIGH) are indicated.
- Regions of low pressure (LOW) are indicated.

**Highest and Lowest Temperature**

- Highest temperature: 79°F
- Lowest temperature: 57°F

**24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.**

- Precipitation areas are indicated by shaded regions.
- Precipitation amounts are noted in the shaded regions.

**500-Millibar Height Contours at 7:00 A.M. E.S.T.**

- Contours are shown in millibars.
- Regions of high pressure (HIGH) are indicated.
- Regions of low pressure (LOW) are indicated.

**Station Model**

- The station model includes various weather symbols and indicators.
- Wind direction and speed are indicated.
- Current temperature and visibility are shown.
- Present weather symbols are displayed.
- Dew point temperature and sky cover are noted.
- 3-Digit Surface Pressure (in tenths) is shown.
- 3-Hour Pressure Tendency (in tenths) is indicated.
- 6-Hour Total Precipitation (in hundredths of an inch) is shown.
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.
THURSDAY, SEPTEMBER 16, 2010
### Weather Station Model

- **Wind Speed**
  - Long Feather: 10 knots
  - Short Feather: 5 knots

- **Wind Direction**

- **Current Temperature (in °F)**

- **Visibility (in miles)**

- **Present Weather Symbol**

- **Dew Point Temperature**

- **Sky Cover**

- **3-Digit Surface Pressure (in tenths). Ex:**
  - 989 = 998.9mb
  - 012 = 1001.2mb

- **3 Hour Pressure Tendency (in tenths)**

- **6 Hour Total Precipitation (in hundredths of an inch)**

### FRIDAY, SEPTEMBER 17, 2010

- **Highest and Lowest Temperature**
  - Highest: 8087°F
  - Lowest: 6392°F

- **24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.**

- **500-Millibar Height Contours at 7:00 A.M. E.S.T.**

- **24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.**
## Station Model

### Wind Speed
- Long Feather - 10 knots
- Short Feather - 5 knots

### Wind Direction

### Current Temperature (in °F)

### Visibility (in miles)

### Present Weather Symbol

### Dew Point Temperature

### Sky Cover

### 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

### 3 Hour Pressure Tendency (in tenths)

### 6 Hour Total Precipitation (in hundredths of an inch)

### 24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

### 500-Millibar Height Contours at 7:00 A.M. E.S.T.

### Highest and Lowest Temperature

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**SUNDAY, SEPTEMBER 19, 2010**
Daily Weather Map Station Names and Locations