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The Daily Weather Map is available online at www.hpc.ncep.noaa.gov/dwm/dwm.shtml. Current HPC products are available online at www.hpc.ncep.noaa.gov. Correspondence to the meteorologists should be directed to: Daily Weather Map, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746. The Daily Weather Map is also available online at www.nws.noaa.gov/oh/dwm/

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.

NOAA/NWS/NCEP/HPC
Daily Weather Maps, W/NP3
5200 Auth Road, Room 410
Camp Springs, MD 20746-4304
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.
MONDAY, MARCH 2, 2009
TUESDAY, MARCH 3, 2009
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.
WEDNESDAY, MARCH 4, 2009

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

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

Current Temperature (in °F) 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
Present Weather Symbol 3-Hour Pressure Tendency (in tenths)
Dew Point Temperature 6-Hour Total Precipitation (in hundredths of an inch)
Visibility (in miles)

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

THURSDAY, MARCH 5, 2009
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)

SUNNY

SATURDAY, MARCH 7, 2009
### Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

The image shows a surface weather map and station weather data as of 7:00 A.M. E.S.T. on SUNDAY, MARCH 8, 2009. The map includes pressure contours, high and low pressure systems, and additional weather-related data points across the United States. The map provides a comprehensive view of the current weather conditions and is useful for understanding atmospheric pressure patterns and weather systems at that specific time.}

**Legend:**
- **High Pressure:** 1028, 1032, 1024, 1020, 1016, 1012, 1008, 1004
- **Low Pressure:** 1016, 1012, 1008
- **Station Weather Data Points:**
  - **Temperature:** Ranges from 15°F to 90°F
  - **Humidity:** Varies from 20% to 90%
  - **Wind Speed:** From 0 to 60 miles per hour

**Key Observations:**
- High pressure systems are indicated by areas with higher numbers (1028, 1032), which typically correlate with clearer weather and lower winds.
- Low pressure systems are indicated by areas with lower numbers (1016, 1012), which are associated with more variable weather conditions, including precipitation and stronger winds.
- The map also highlights specific weather stations with detailed data points, including temperature, humidity, and wind conditions.

This map is a valuable tool for meteorologists and anyone interested in understanding the current weather patterns and predicting future weather changes.
Daily Weather Map Station Names and Locations