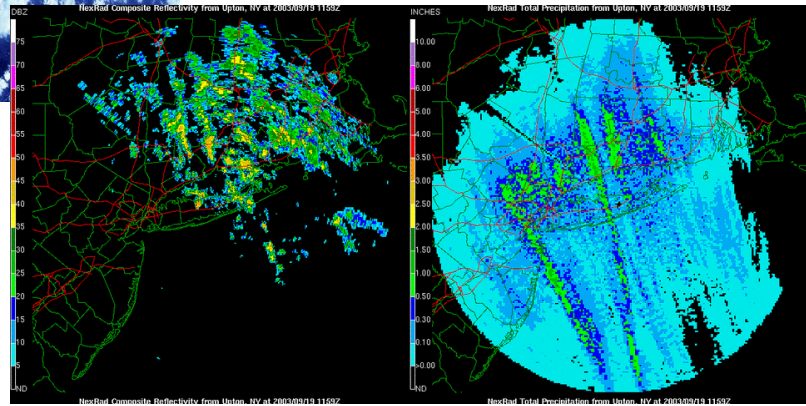


Visible Cloud Imagery (GOES-East)

Hurricane Isabel

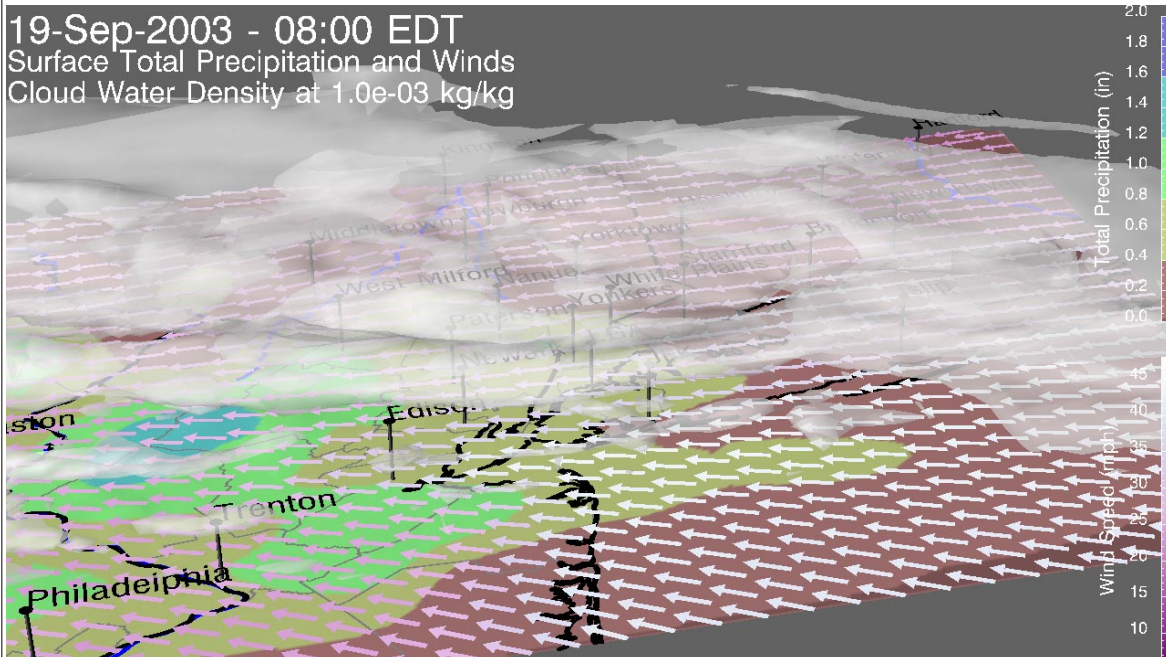
18-19 Sept. 2003

NexRad Reflectivity and Precipitation



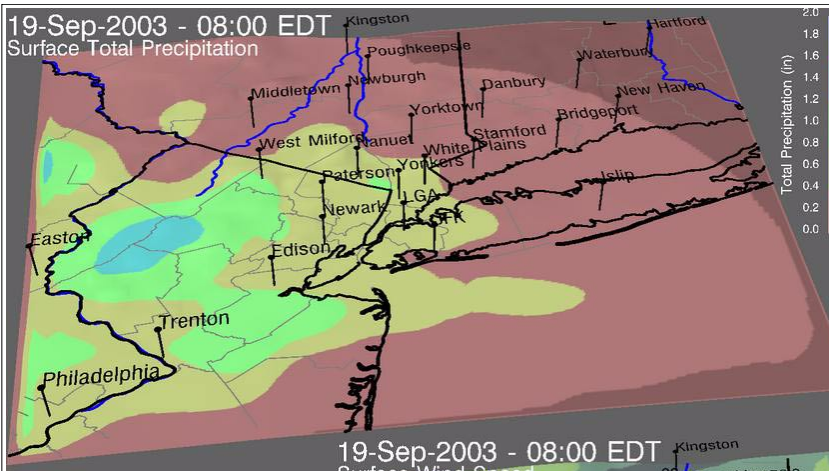
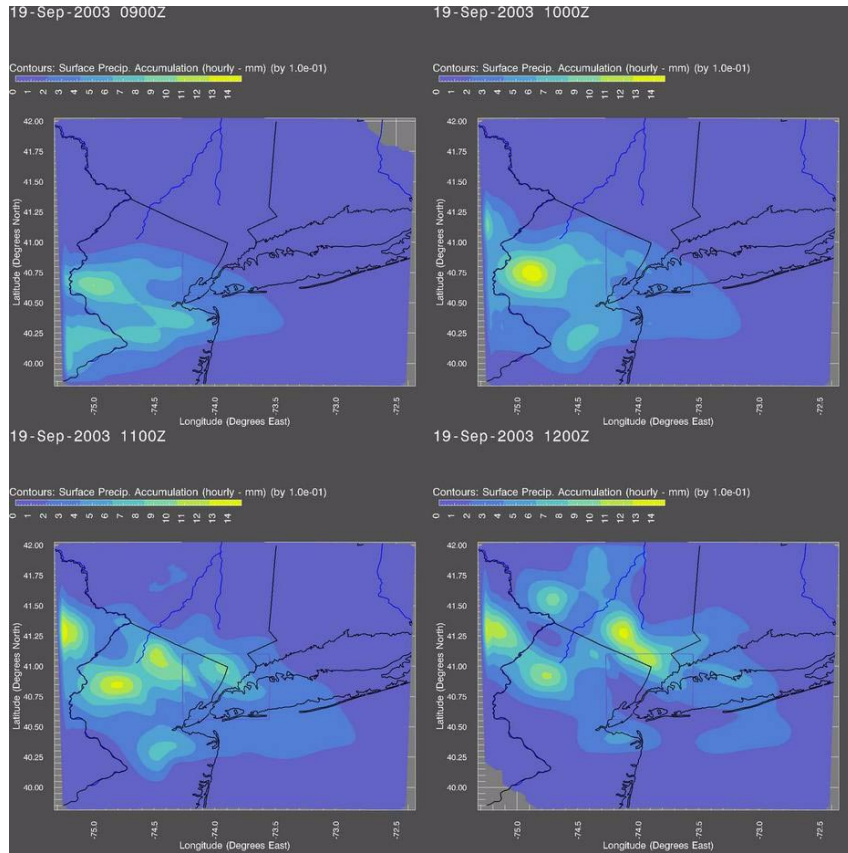
Deep Thunder Forecast* 18 - 19 Sept. 2003

19-Sep-2003 - 08:00 EDT
Surface Total Precipitation and Winds
Cloud Water Density at 1.0e-03 kg/kg



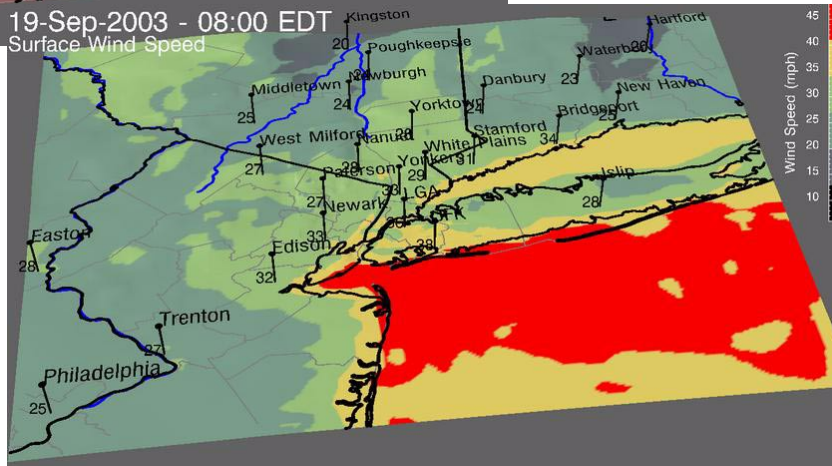
*Forecast initiated with data from 0800 EDT on 9/18 with results available at about noon on 9/18.

**Deep
Thunder
Hourly
Rainfall
Forecast:
19 Sept.
2003 --
Early
Morning**

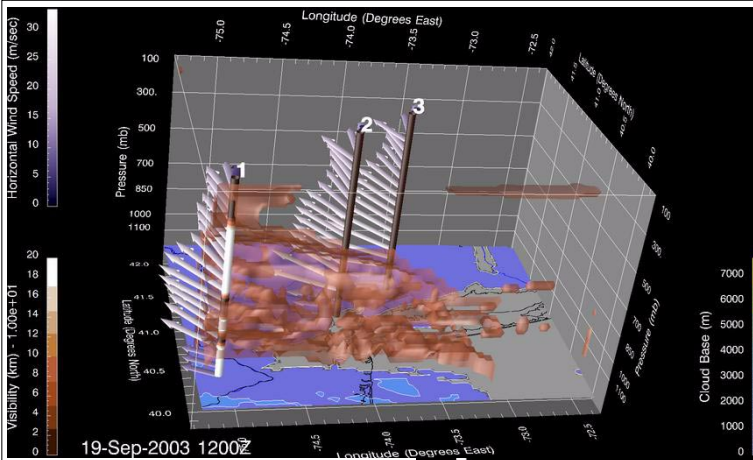


**Deep
Thunder
Forecast:
Early AM
19 Sept.
2003**

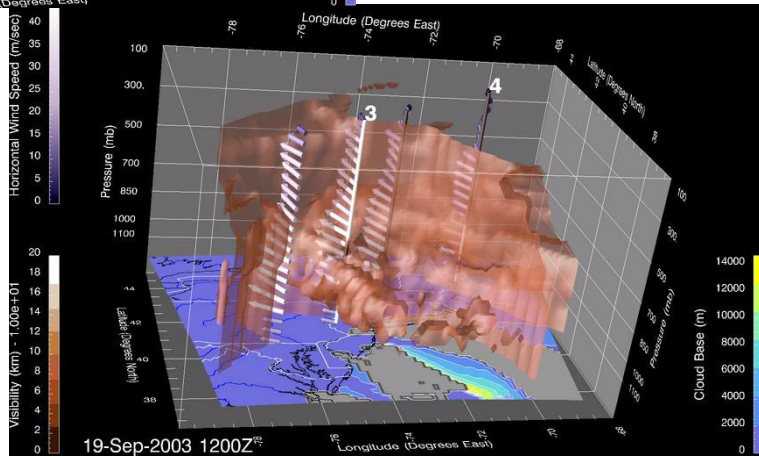
- Rainfall
- Wind Speed



Deep Thunder Forecast: 18 - 19 Sept. 2003



- Visibility
- Winds at Airports
- Cloud Base



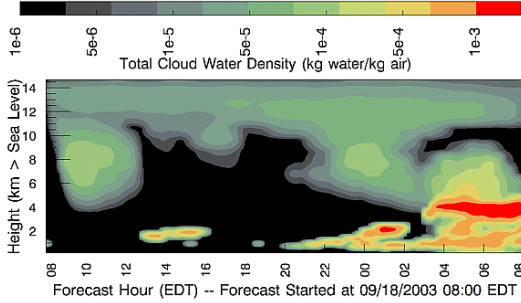
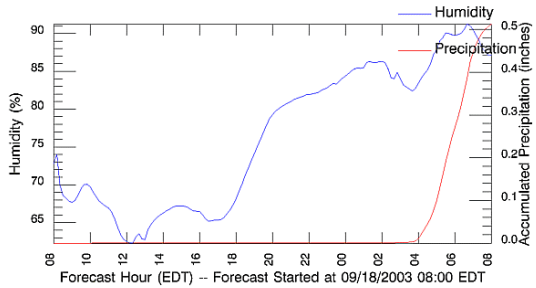
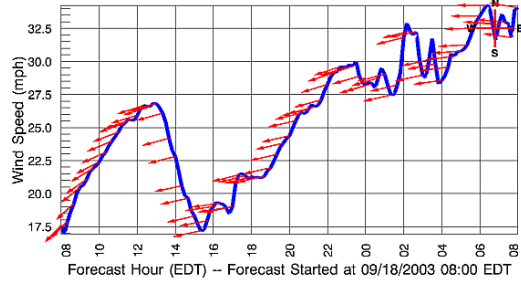
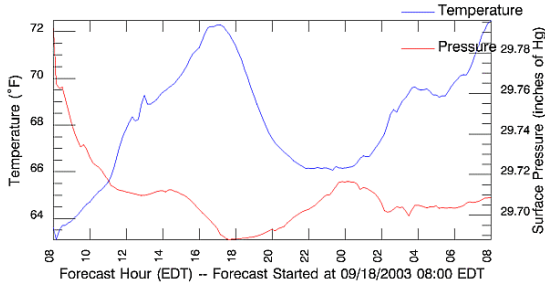
National Weather Service Zone Forecasts at 18 Sept. 0900 EDT -- Wind Advisory

- New York City
 - ▶ day: highs in mid-70s, east winds 15-25 mph gusting to 40 mph, chance of rain 50%
 - ▶ night: lows in the mid-60s, east winds 25-35 mph gusting to 45 mph, chance of rain 80%
- Northern NJ, Southern Westchester
 - ▶ day: highs in mid-70s, east winds 15-25mph gusting to 40 mph, chance of rain 50%
 - ▶ night: lows in the mid-60s, east winds 25-35 mph gusting to 45 mph, chance of rain 80%
- Northern Westchester
 - ▶ day: highs in mid-70s, east winds 15-20 mph gusting to 30 mph, chance of rain 40%
 - ▶ night: lows in the low-60s, east winds 25-35 mph gusting to 45 mph, chance of rain 80%

Deep Thunder Forecast: Central Park

Central Park [40.7822 N, -73.9658 W]

Valid for 09/18/2003 0800 EDT through 09/19/2003 0800 EDT



Actual Measurements

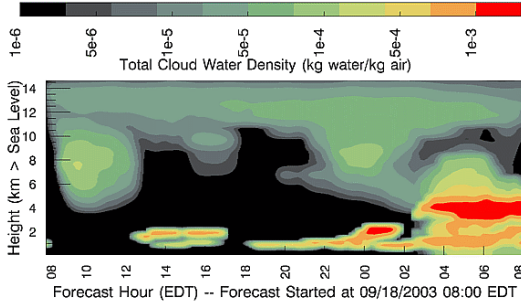
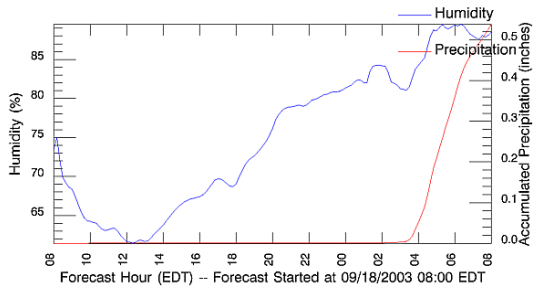
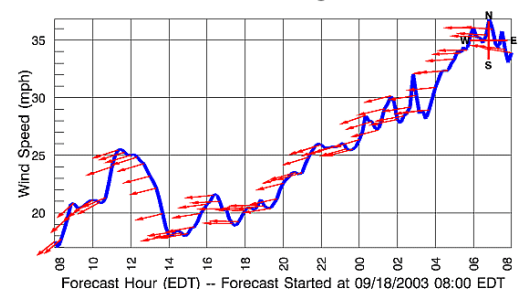
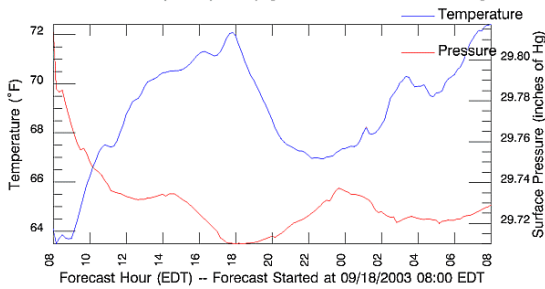
Maximum temperature: 71°F
Rainfall: 0.46"

Minimum temperature: 68°F
Maximum wind speed: 28 mph

Deep Thunder Forecast: Newark Airport

Newark Airport (EWR) [40.6903 N, -74.1628 W]

Valid for 09/18/2003 0800 EDT through 09/19/2003 0800 EDT



Actual Measurements

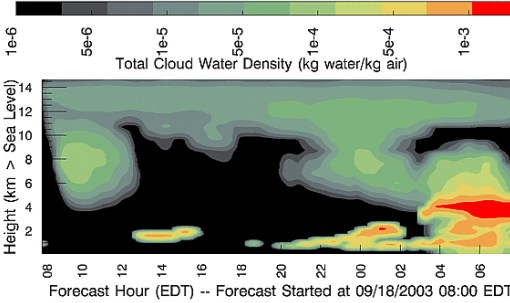
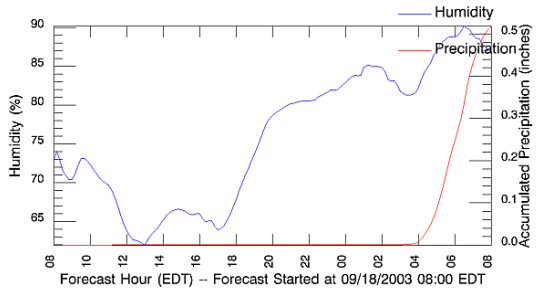
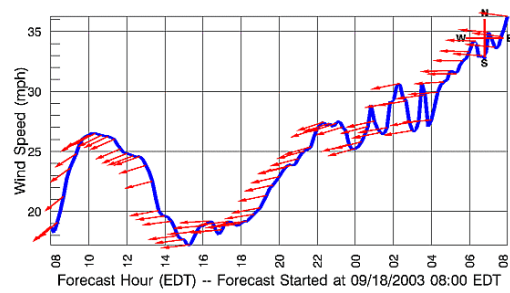
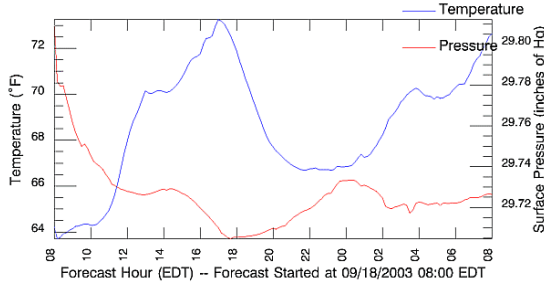
Maximum temperature: 73°F
Rainfall: 0.49"

Minimum temperature: 70°F
Maximum wind speed: 32 mph

Deep Thunder Forecast: LaGuardia Airport

LaGuardia Airport (LGA) [40.7667 N, -73.8667 W]

Valid for 09/18/2003 0800 EDT through 09/19/2003 0800 EDT



Actual Measurements

Maximum temperature: 72°F

Minimum temperature: 70°F

Rainfall: 0.24"

Maximum wind speed: 40 mph

