2005
Ozone Season Summary
(through Sept. 7th)

Jeanne Worthen

SIPRAC Meeting

September 8, 2005

2005 has been a warmer,
Drier, hazier Summer…

7 1-hour Exceedances

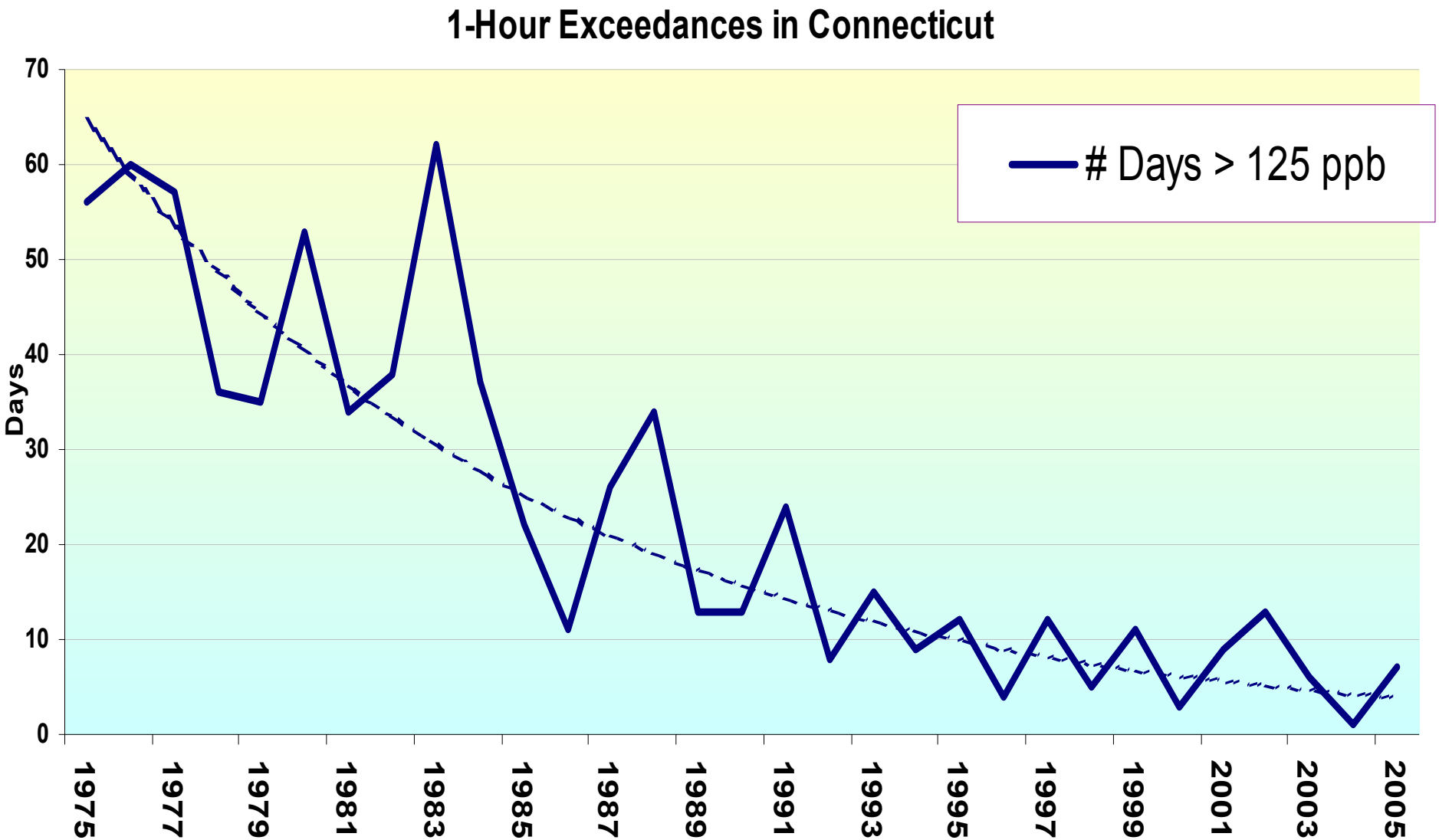
17 8-hour Exceedances

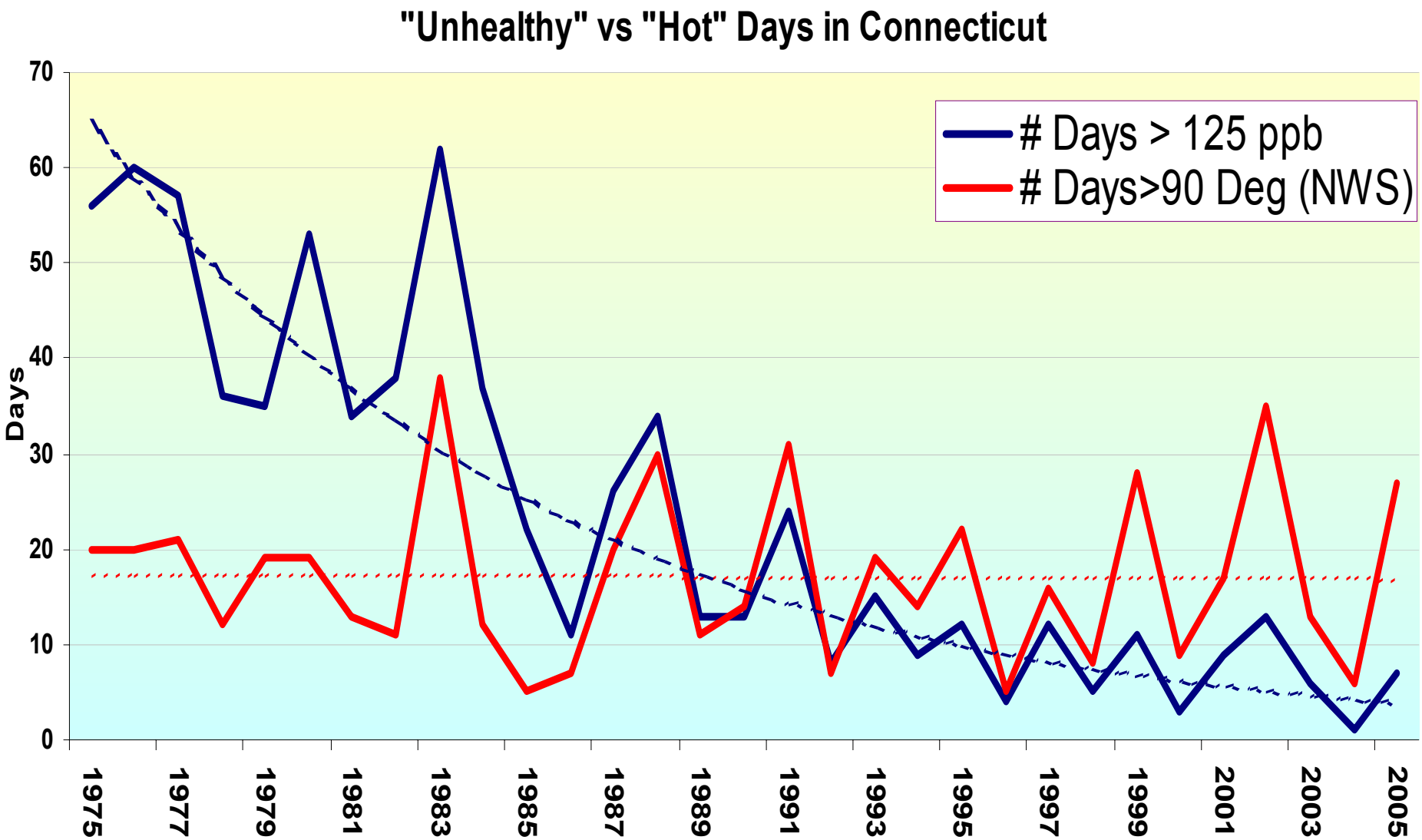
07/27/2005 01:15 PM

2004 was a cooler, wetter Summer…

1 1-hour Exceedances

6 8-hour Exceedances


1-Hour Exceedances in Connecticut
Days > 125 ppb
Days
70
60
50
40
30
20
10
0
1975
1977
1979
1981
1983
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005

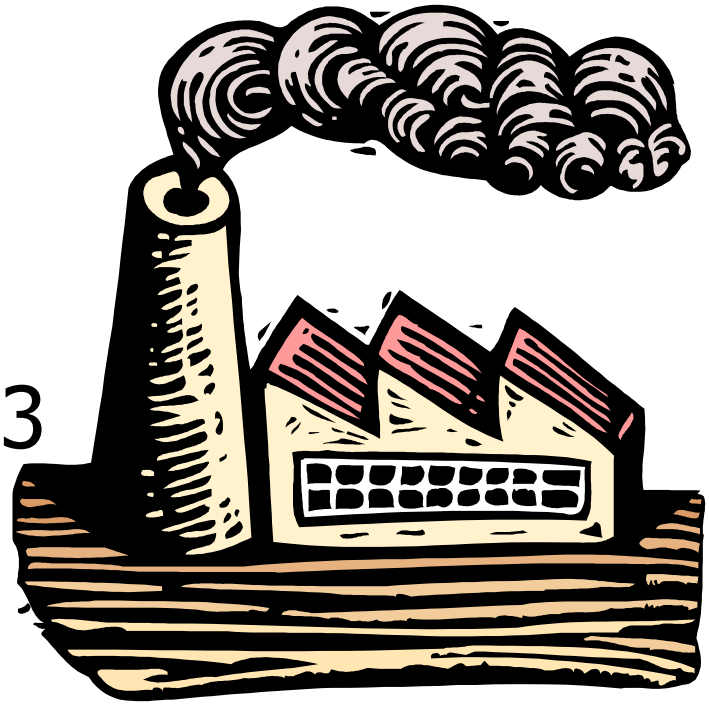

"Unhealthy" vs "Hot" Days in Connecticut
Days > 125 ppb
Days>90 Deg (NWS)
Days
70
60
50
40
30
20
10
0
1975
1977
1979
1981
1983
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005

Forecasted 1-hour Average Days "Unhealthful"

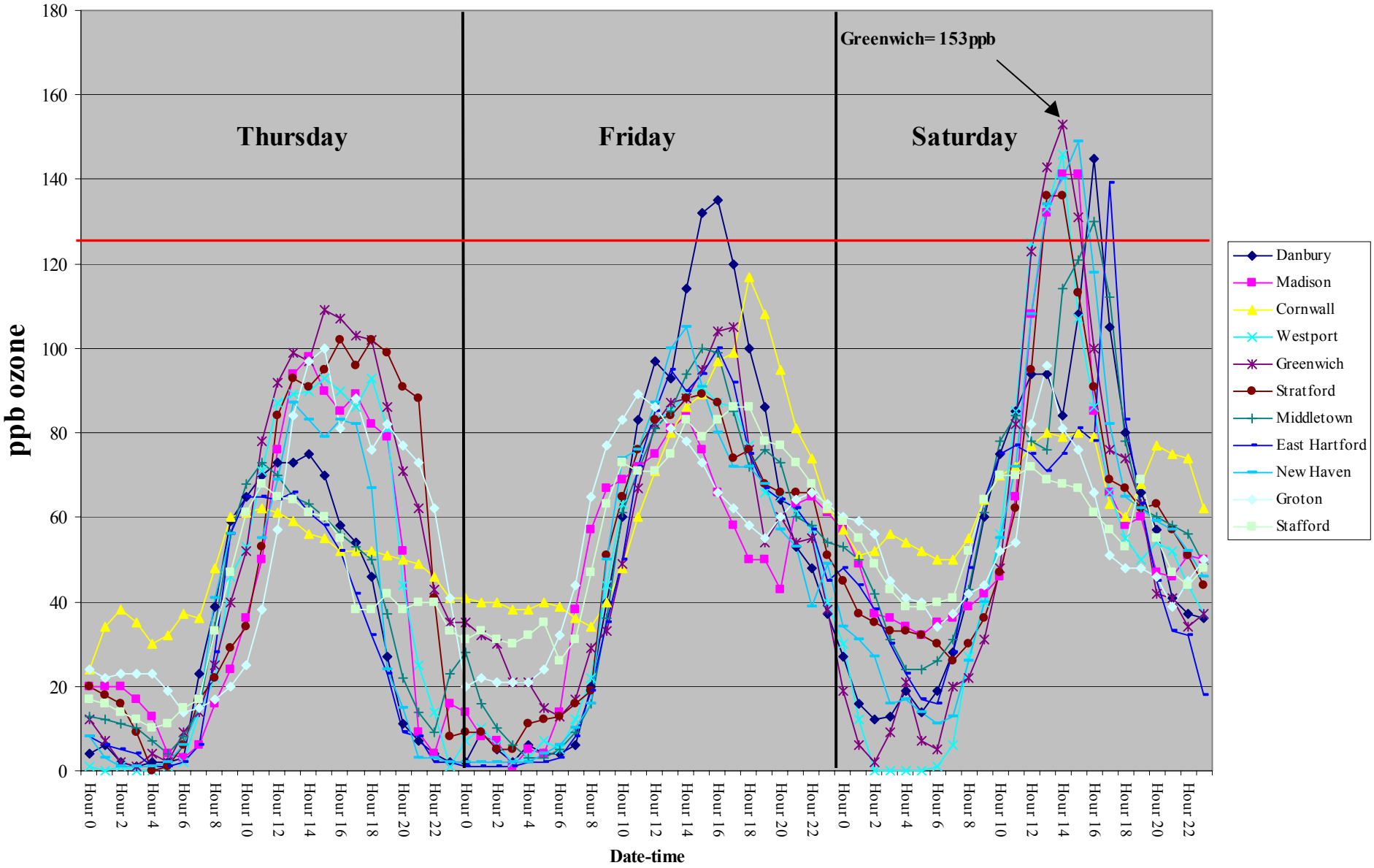
- June 10, 25, 26
- July 26
- Aug 4, 13

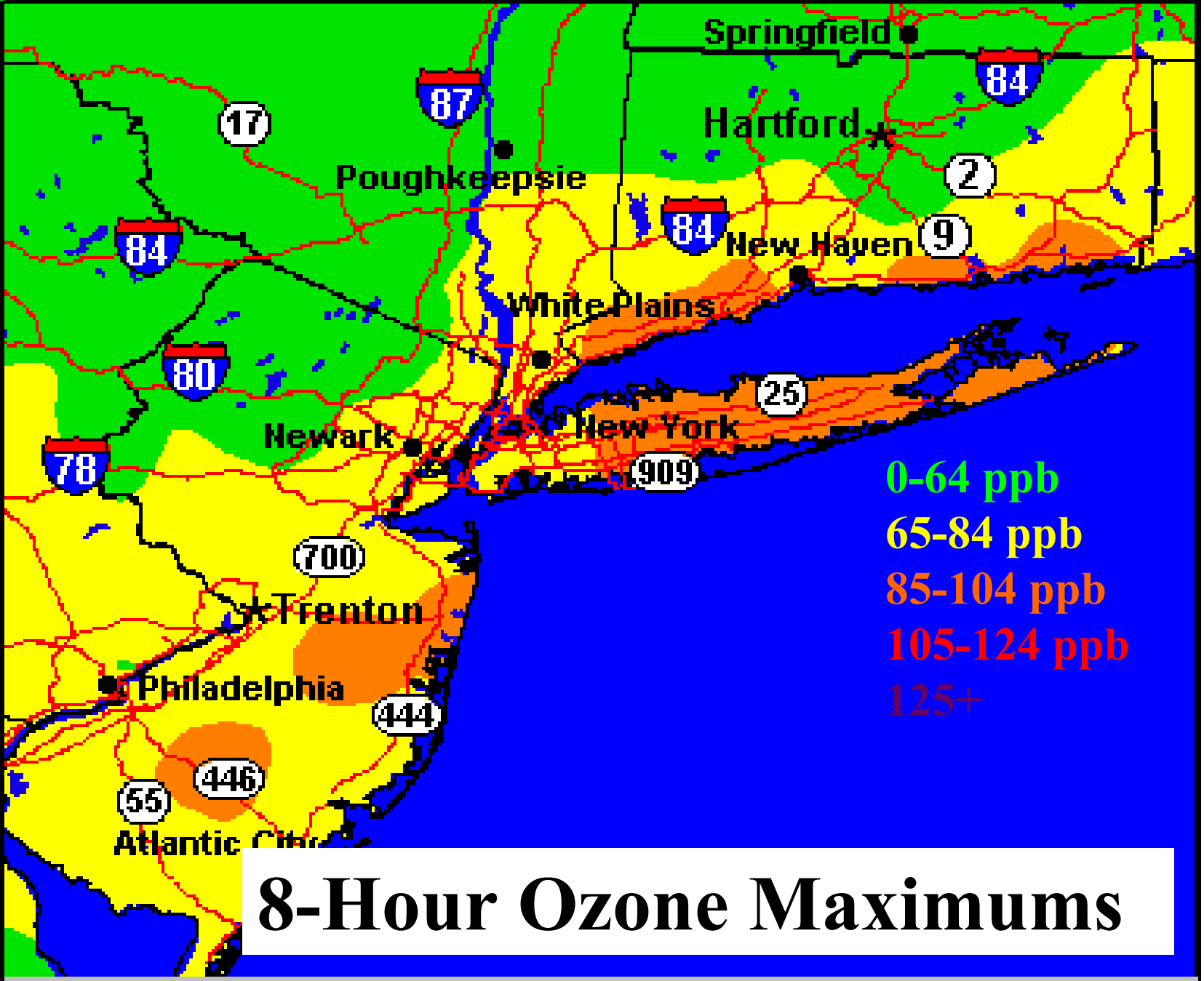
Actual 1-hour Average Days "Unhealthful" (7 days)

- June 25, 26
- July 26,27
- August 5, 12, 13



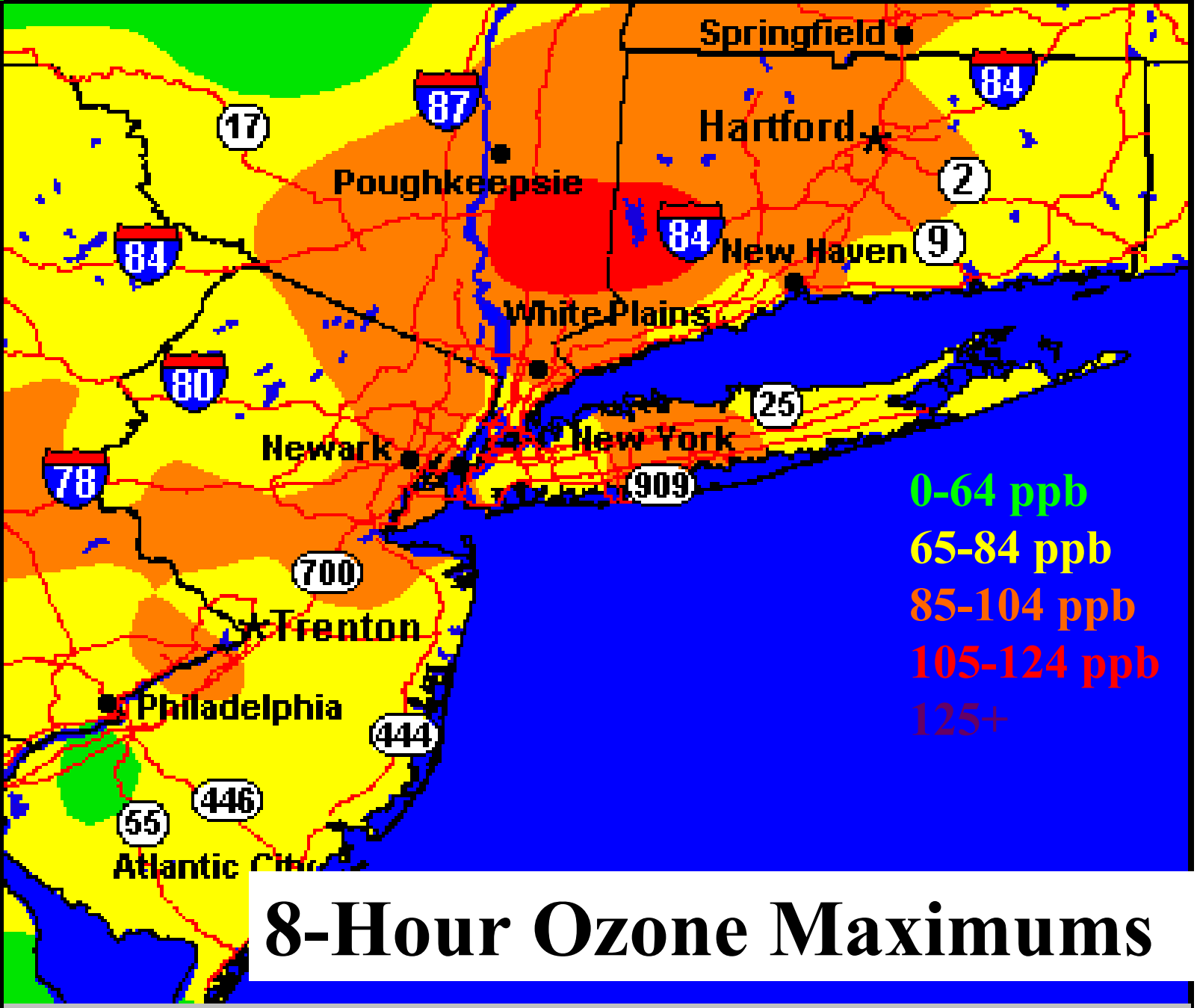
Connecticut Ozone Event August 11-13, 2005





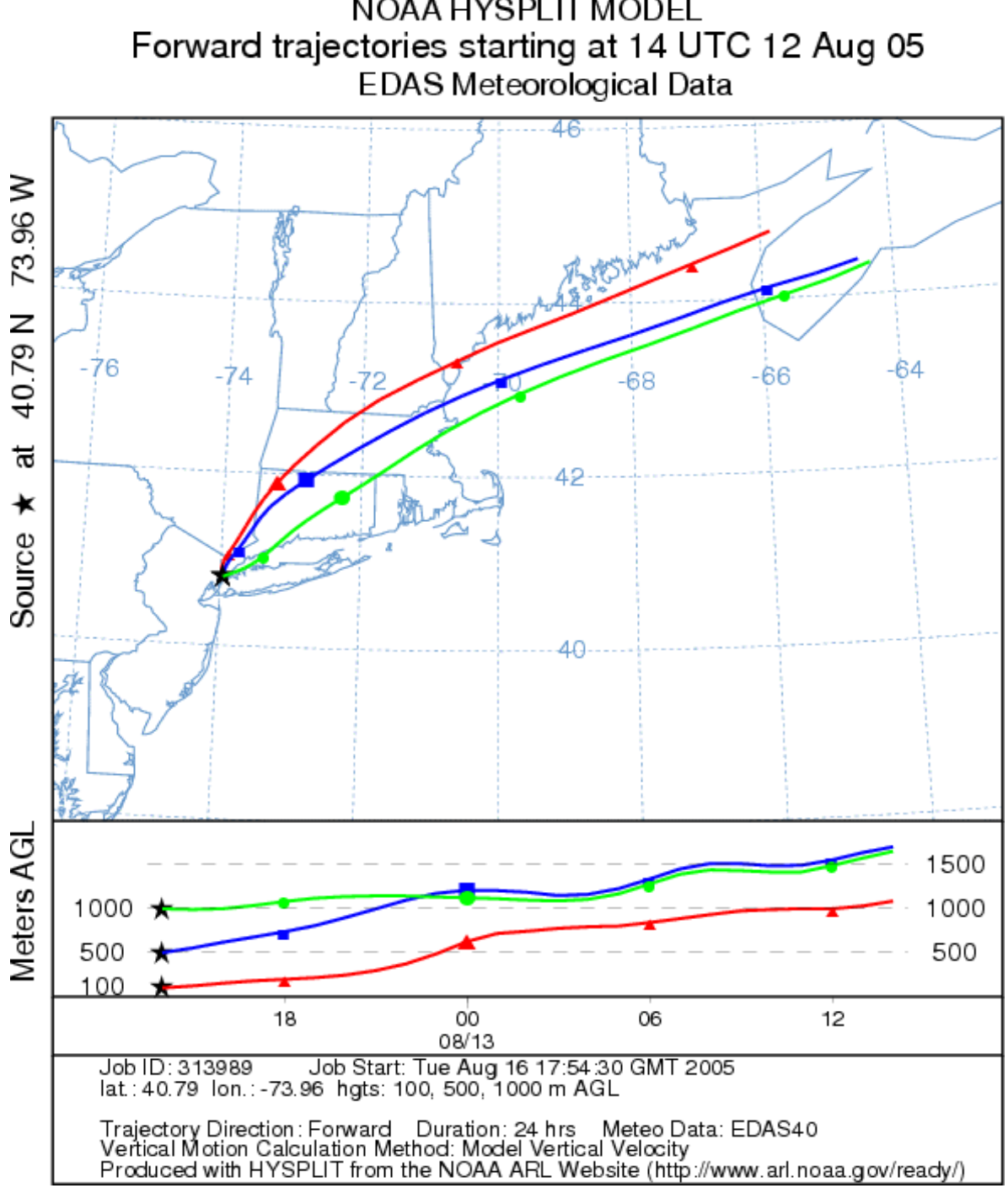
8-Hour Ozone Maximums

August 11, 2005

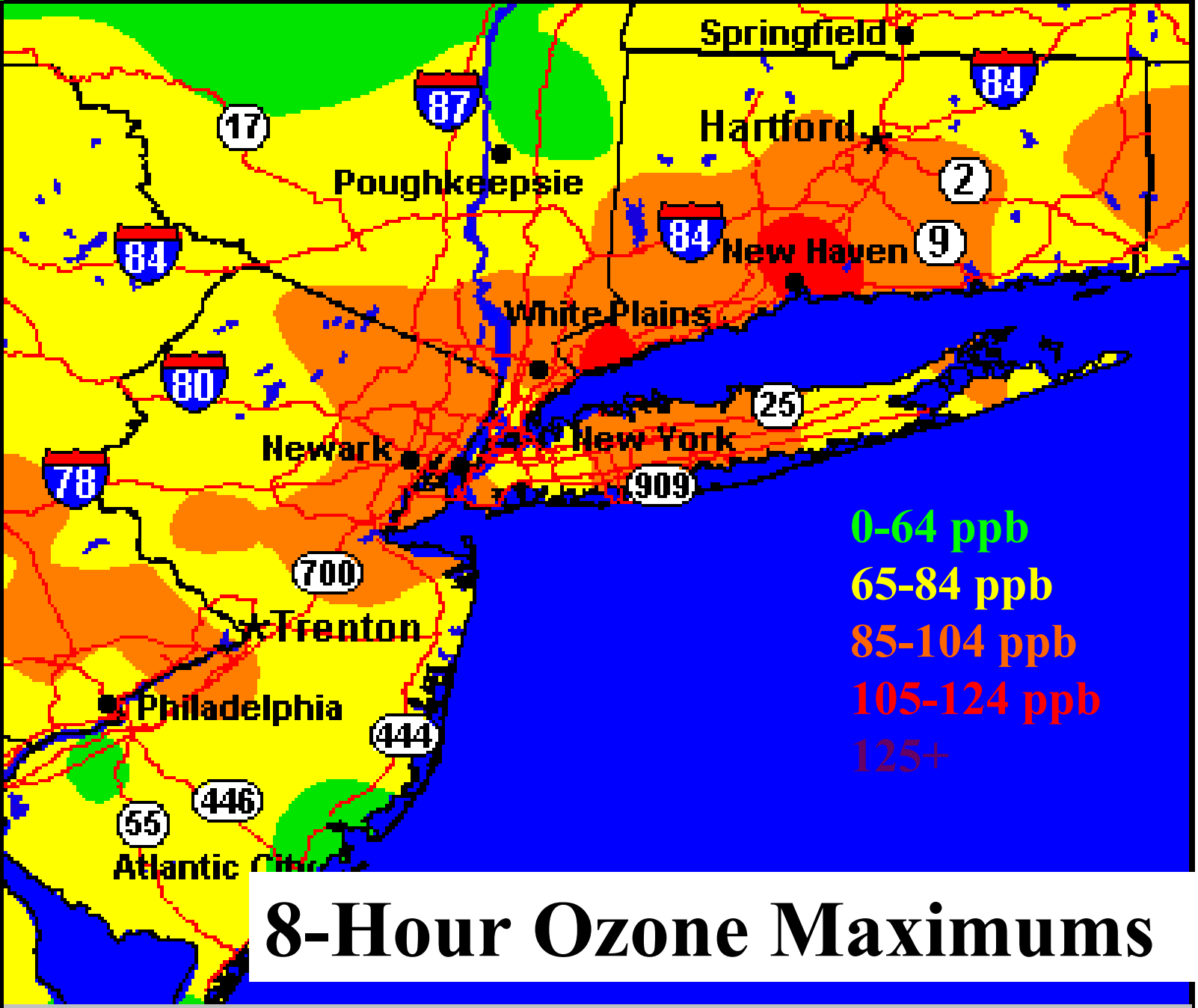


8-Hour Ozone Maximums

August 12, 2005



Forward Trajectories for August 12th show transport of ozone pollution along the Eastern Seaboard.

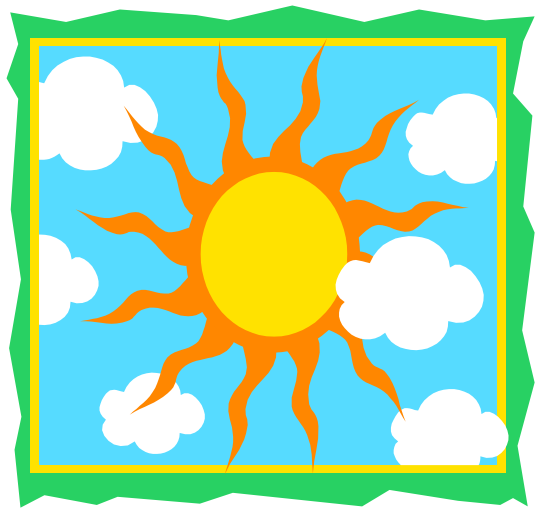


8-Hour Ozone Maximums

August 13, 2005

8-hour Exceedances

- April 20
- June 8, 9, 24, 25, 26
- July 19, 21, 22, 26, 27
- August 2, 3, 5, 11, 12, 13



17 Exceedance Days & 27 Days Above 90°F

Next Season…

- 8-hour Ozone Forecasts begin on April 1, 2006
- 1-hour Ozone Forecasts to begin again May 1, 2006

List serve or other questions can be directed to

michael.geigert@po.state.ct.us
(860)424-3509