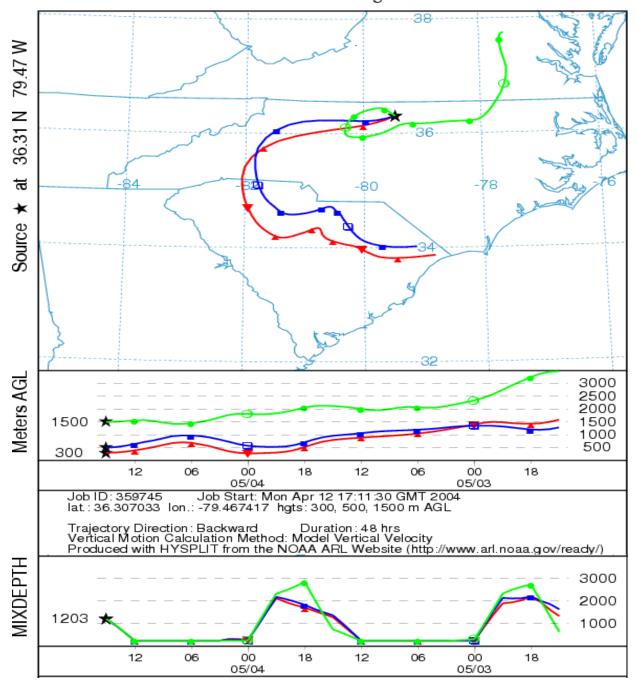
US ERA ARCHIVE DOCUMENT

Attachment F - 8-hour ozone designations docket

Caswell, NC Monitor Site ID 370330001

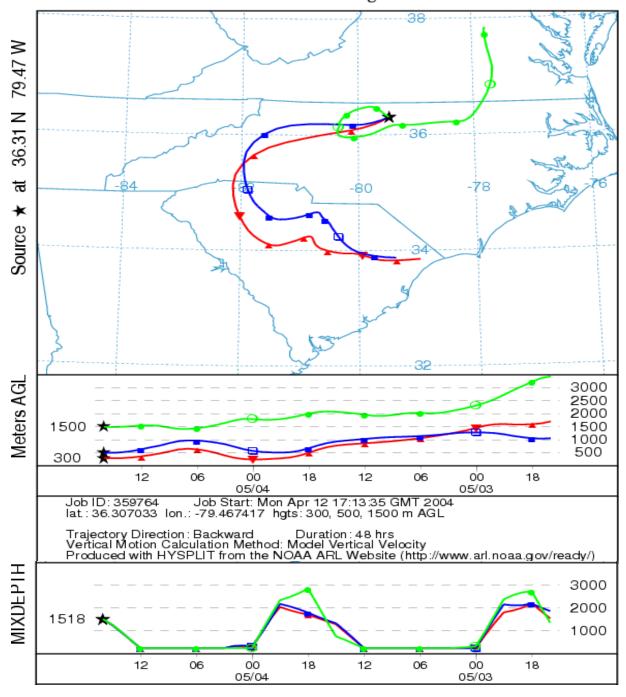
2001 back trajectories for May
 4, 2001, collection hour
 beginning at 1100 hr (15 UTC)

NOAA HYSPLIT MODEL Backward trajectories ending at 15 UTC 04 May 01 EDAS Meteorological Data



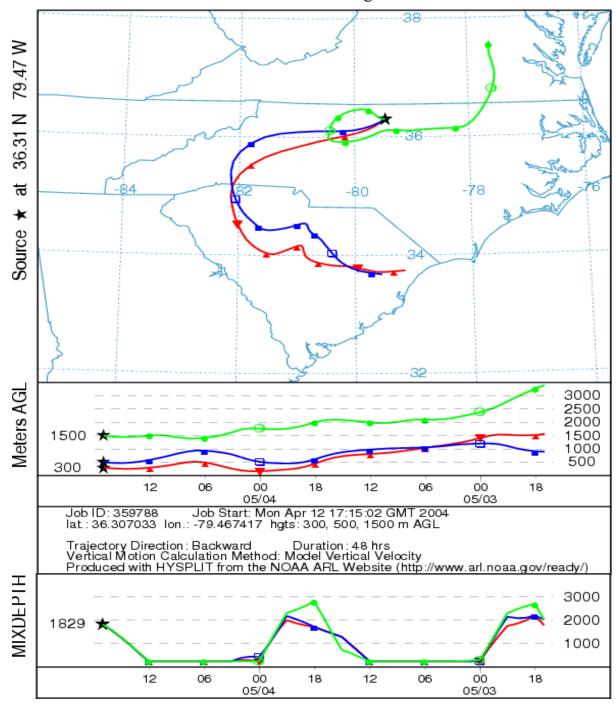
1100 hr = 15 UTC = 76 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 16 UTC 04 May 01 EDAS Meteorological Data



1200 hr = 16 UTC = 84 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 17 UTC 04 May 01 EDAS Meteorological Data



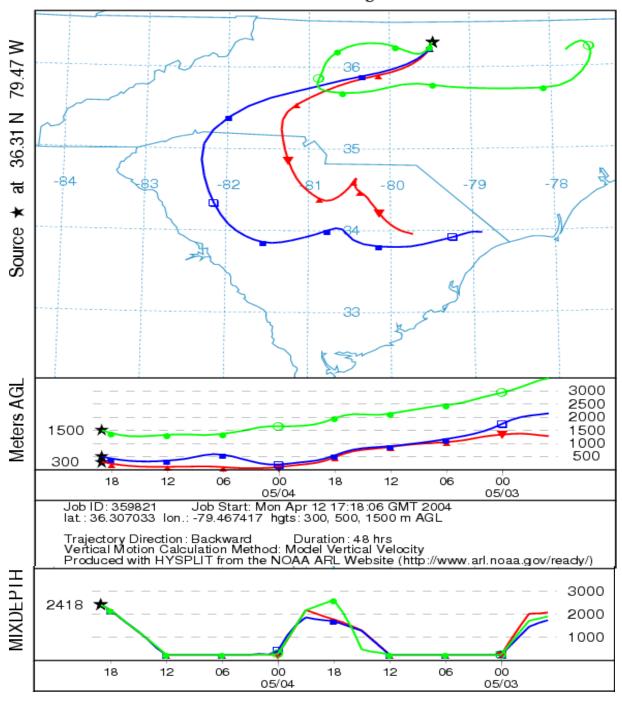
1300 hr = 17 UTC = 89 ppb

Backward trajectories ending at 18 UTC 04 May 01 EDAS Meteorological Data 79.47 W 36.31 N -84 -79 ₩ -80 Meters AGI 3000 2500 2000 1500 1500 1000 500 300 12 06 οo 18 12 06 οo 18 05/04 05/03 Trajectory Direction: Backward Duration: 48 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Produced with HYSPLIT from the NOAA ARL Website (http://www.arl.noaa.gov/ready/) MIXDEPIH 3000 2141 2000 1000 oσ 12 oο 12 06 18 06 18 05/04 05/03

NOAA HYSPLIT MODEL

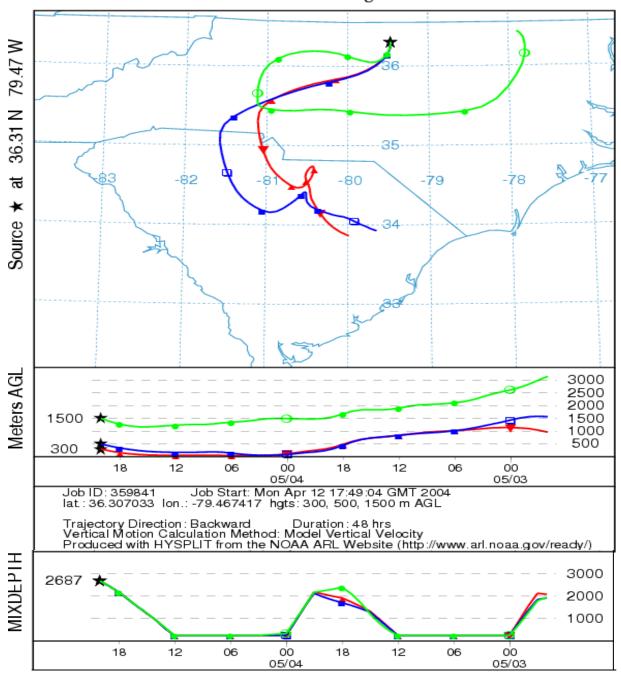
1400 hr = 18 UTC = 93 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 19 UTC 04 May 01 EDAS Meteorological Data



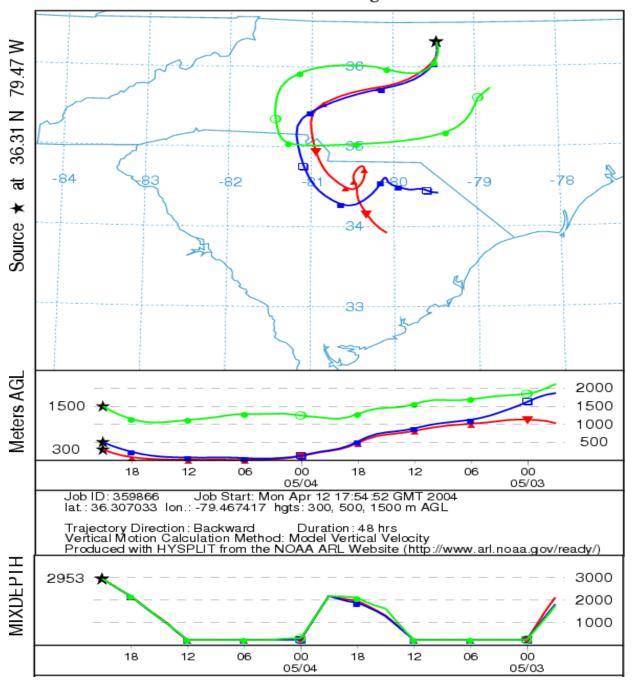
1500 hr = 19 UTC = 96 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 20 UTC 04 May 01 EDAS Meteorological Data



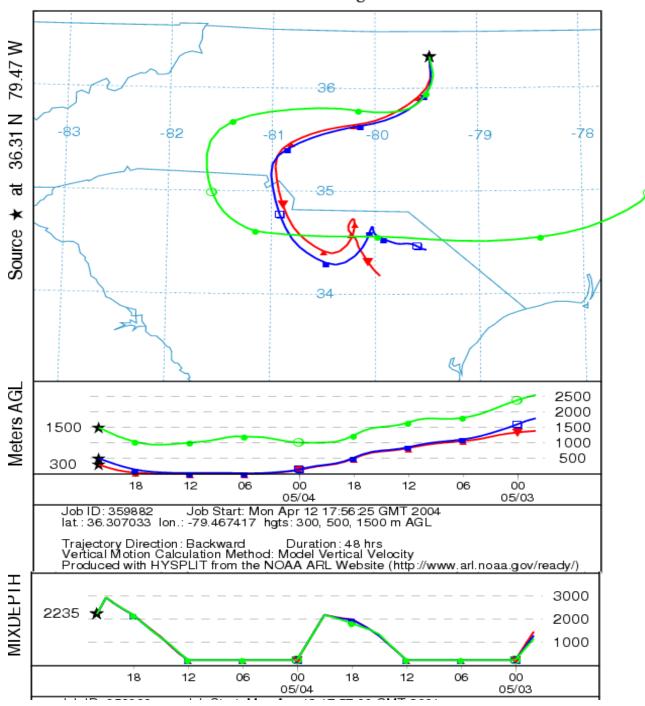
1600 hr = 20 UTC = 96 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 21 UTC 04 May 01 EDAS Meteorological Data



1700 hr = 21 UTC = 89 ppb

NOAA HYSPLIT MODEL Backward trajectories ending at 22 UTC 04 May 01 EDAS Meteorological Data



1800 hr = 22 UTC = 73 ppb