

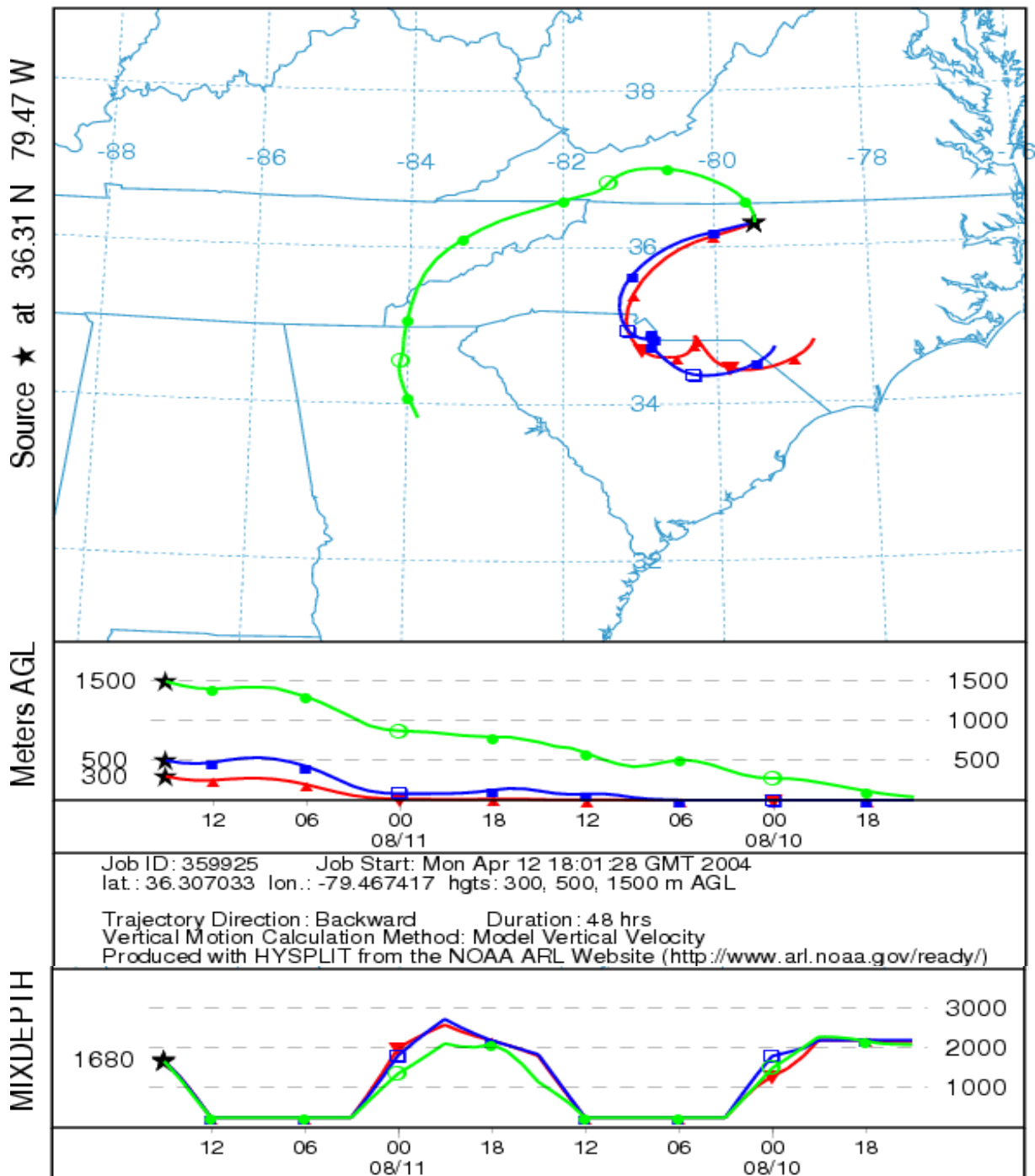
US EPA ARCHIVE DOCUMENT

Caswell County, NC

Site 370330001

- 2002 back trajectories for August 11, 2002, collection hour beginning at 1100 hr (15 UTC, August 11)

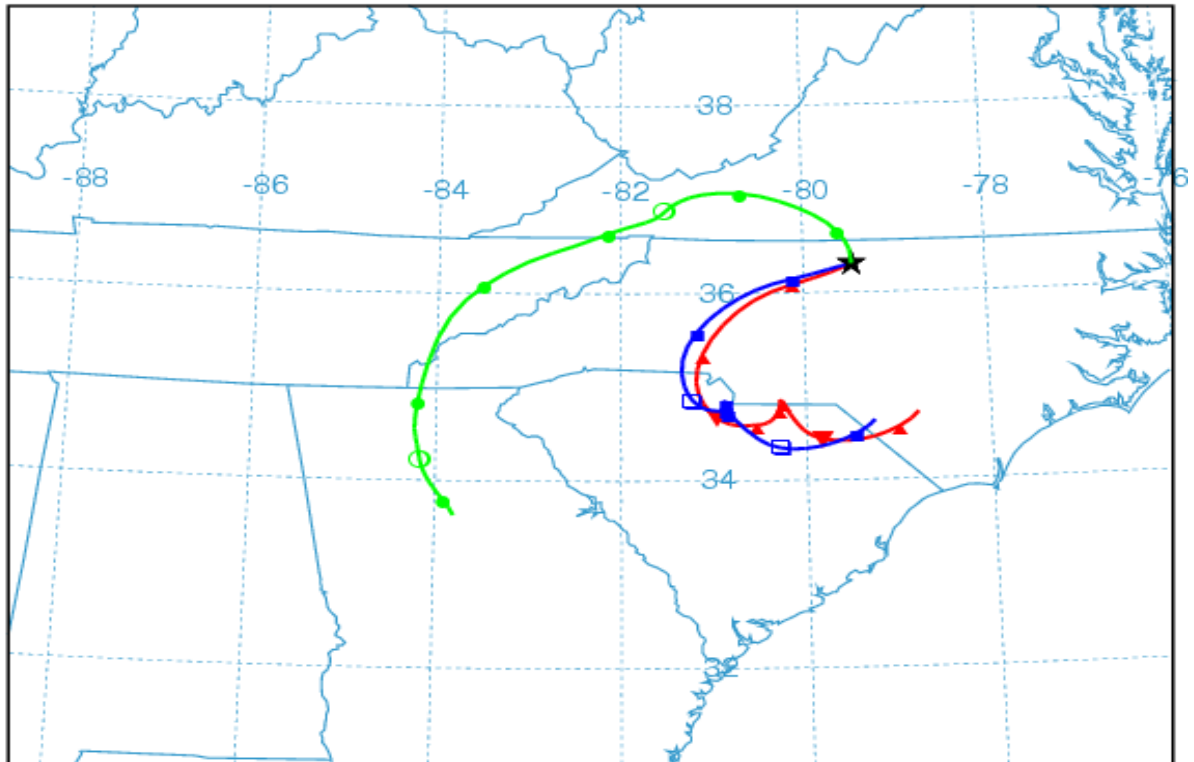
NOAA HYSPLIT MODEL
Backward trajectories ending at 15 UTC 11 Aug 02
EDAS Meteorological Data



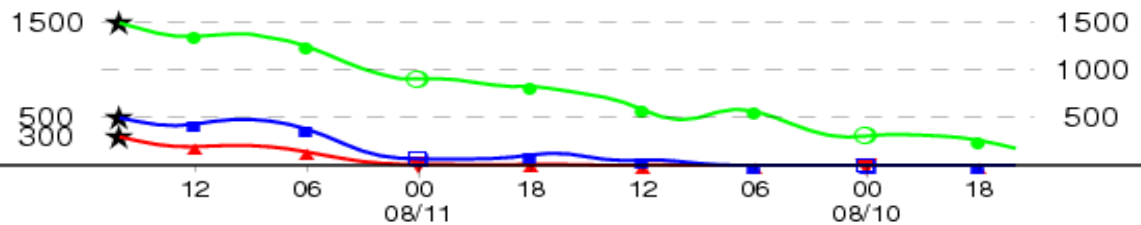
1100 hrs = 15 UTC = 86 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 16 UTC 11 Aug 02
EDAS Meteorological Data

Source ★ at 36.31 N 79.47 W



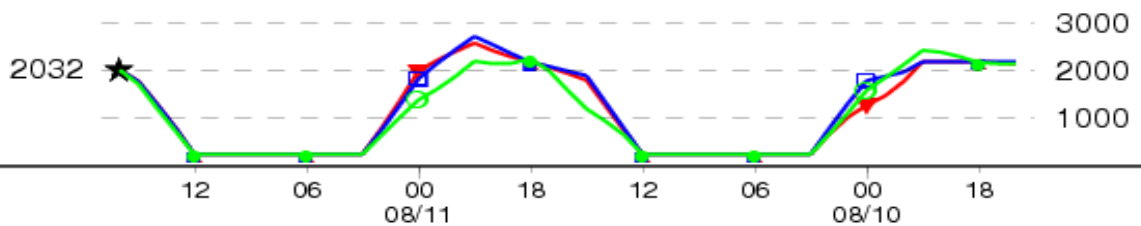
Meters AGL



Job ID: 359974 Job Start: Mon Apr 12 18:04:10 GMT 2004
lat.: 36.307033 lon.: -79.467417 hghts: 300, 500, 1500 m AGL

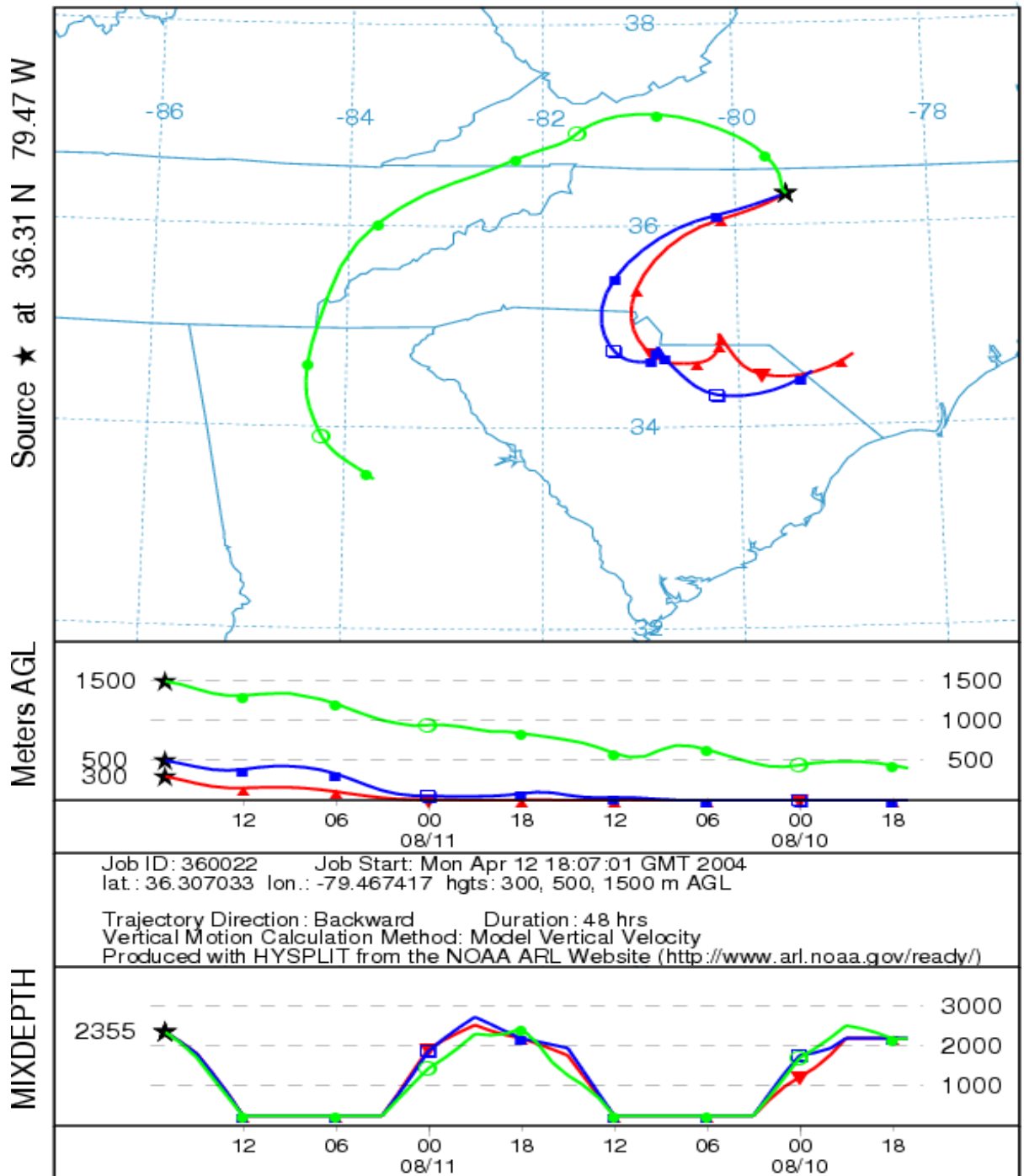
Trajectory Direction: Backward Duration: 48 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Produced with HYSPLIT from the NOAA ARL Website (<http://www.arl.noaa.gov/ready/>)

MIXDEPTH



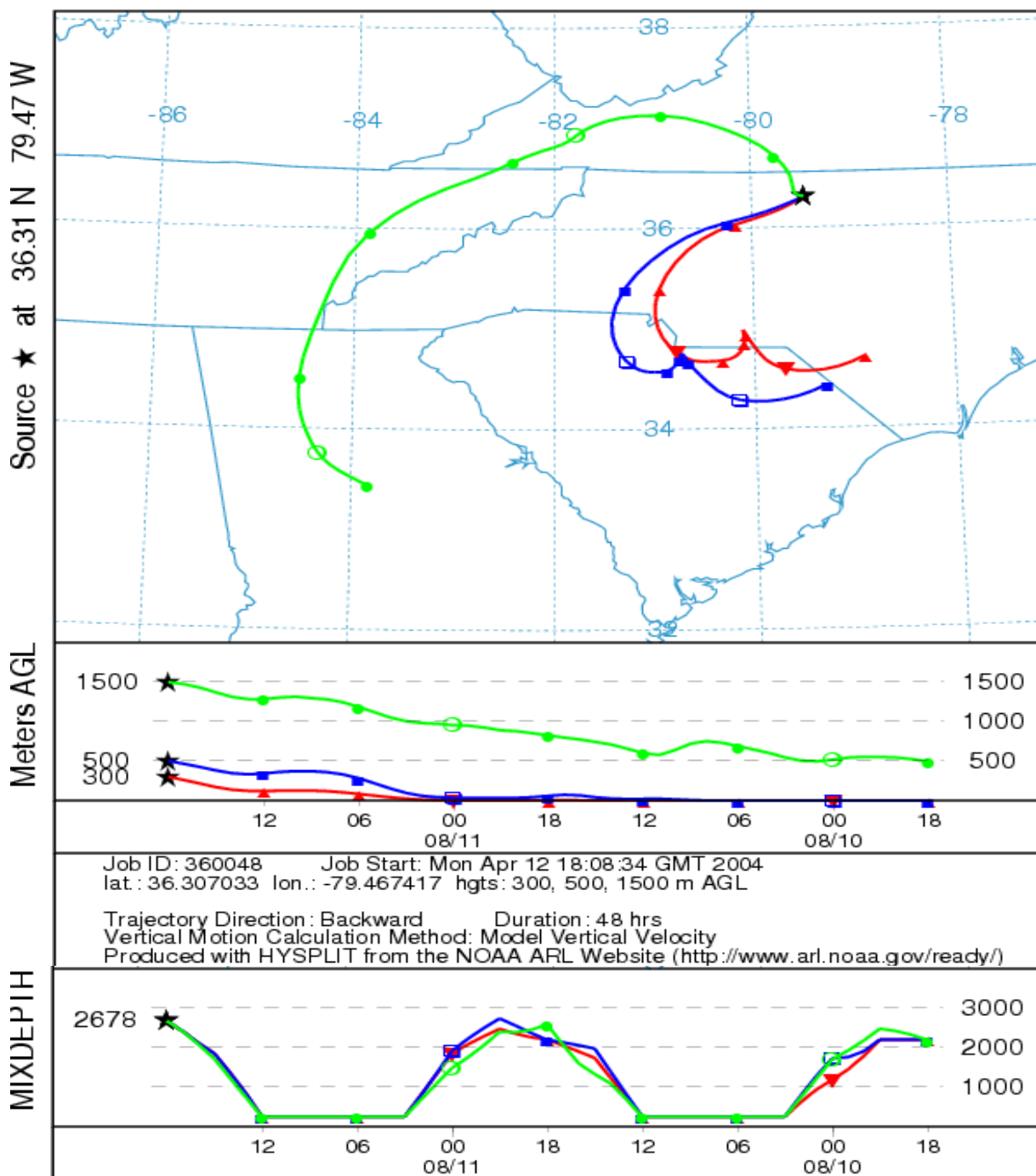
1200 hr = 16 UTC = 97 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 17 UTC 11 Aug 02
EDAS Meteorological Data



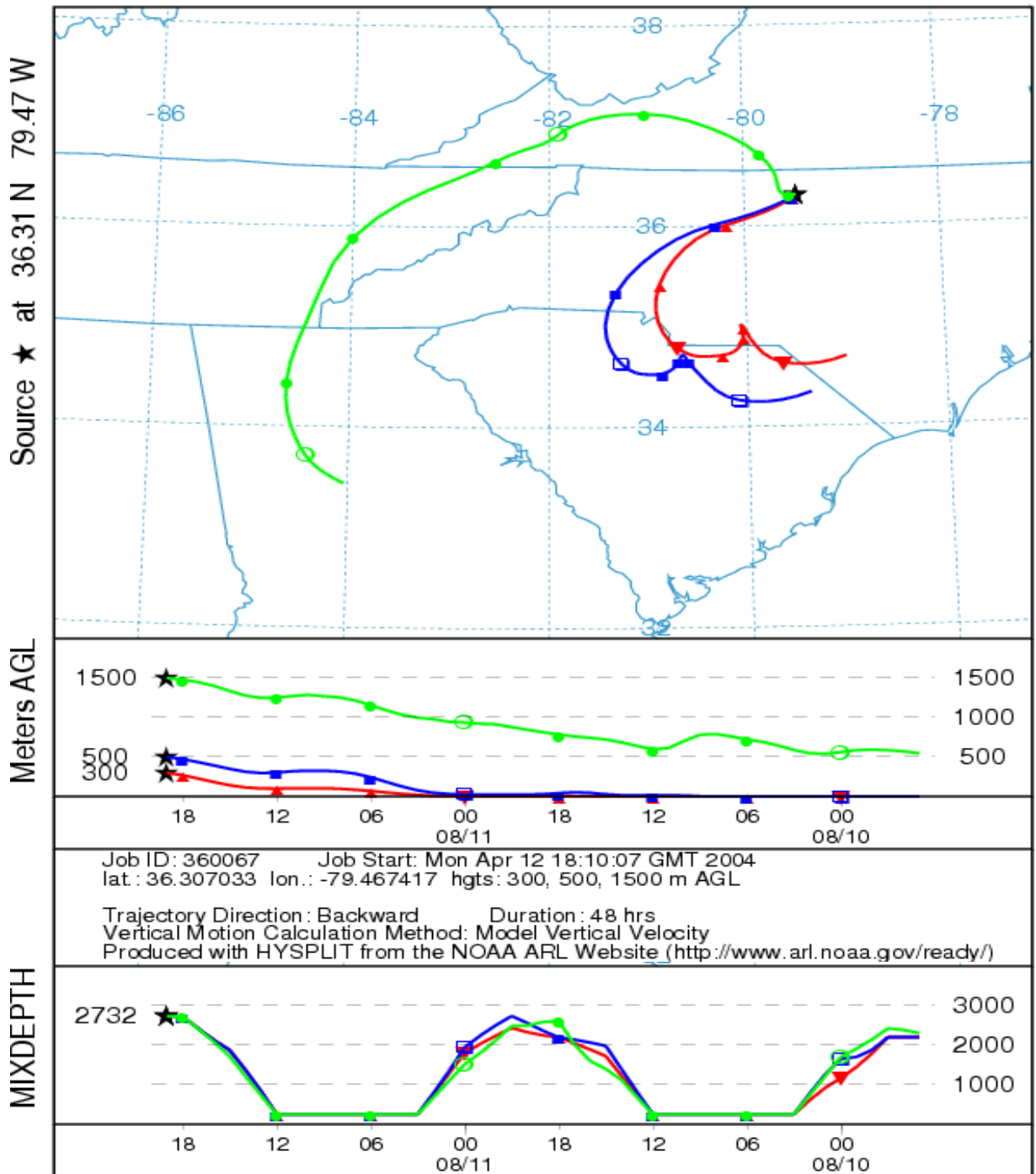
1300 hr = 17 UTC = 100 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 18 UTC 11 Aug 02
EDAS Meteorological Data



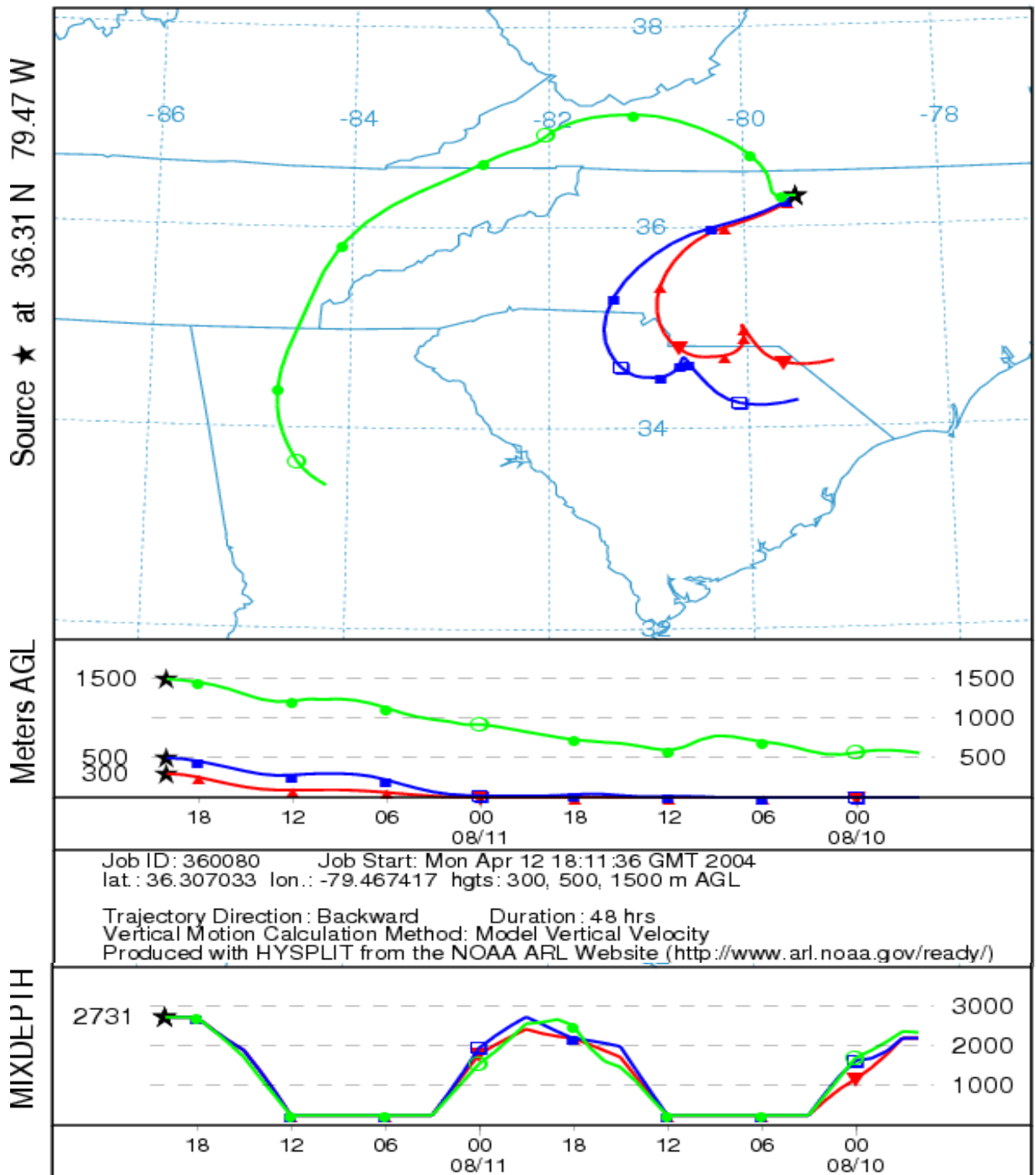
1400 hr = 18 UTC = 112 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 19 UTC 11 Aug 02
EDAS Meteorological Data



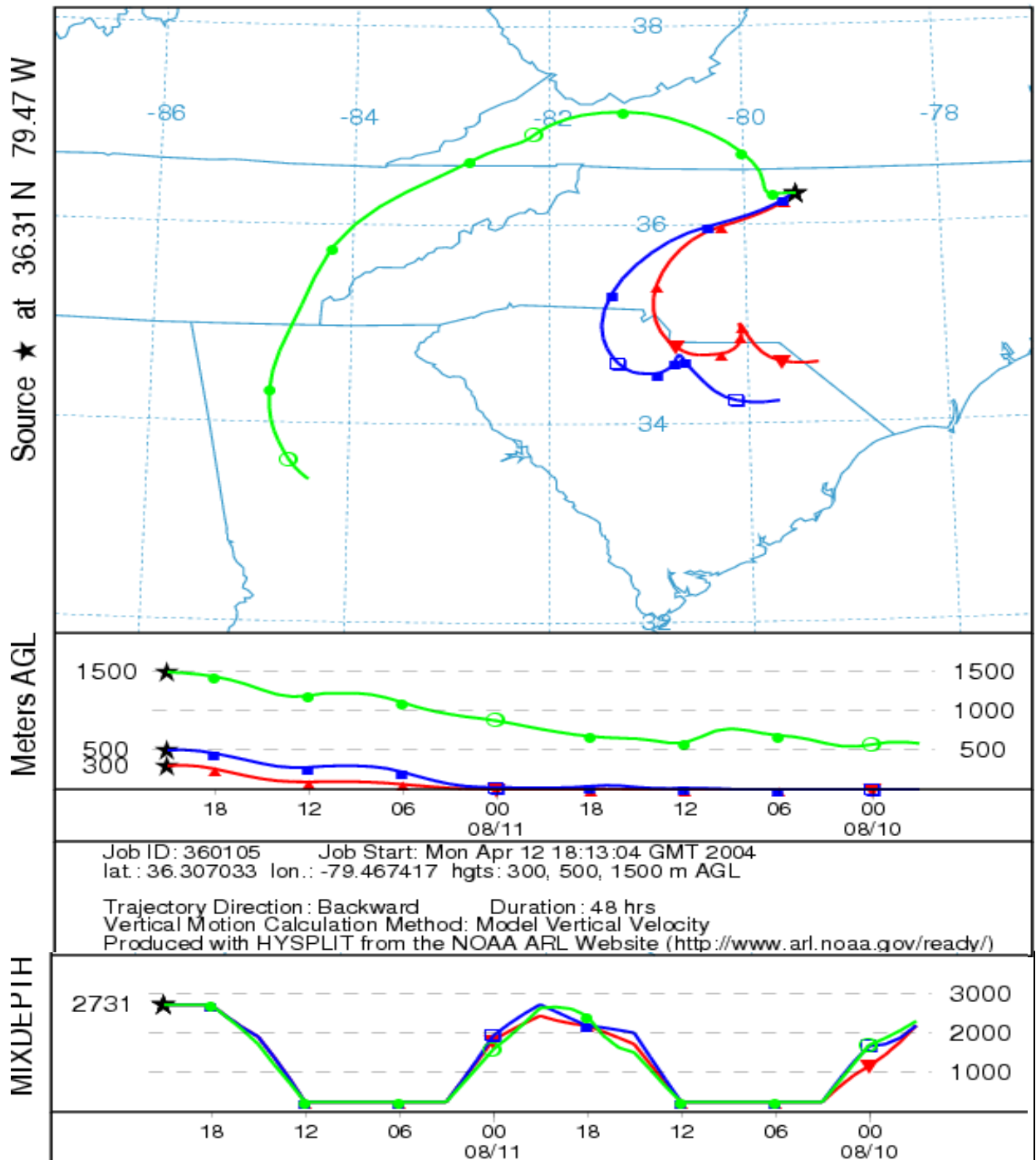
1500 hr = 19 UTC = 81 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 20 UTC 11 Aug 02
EDAS Meteorological Data



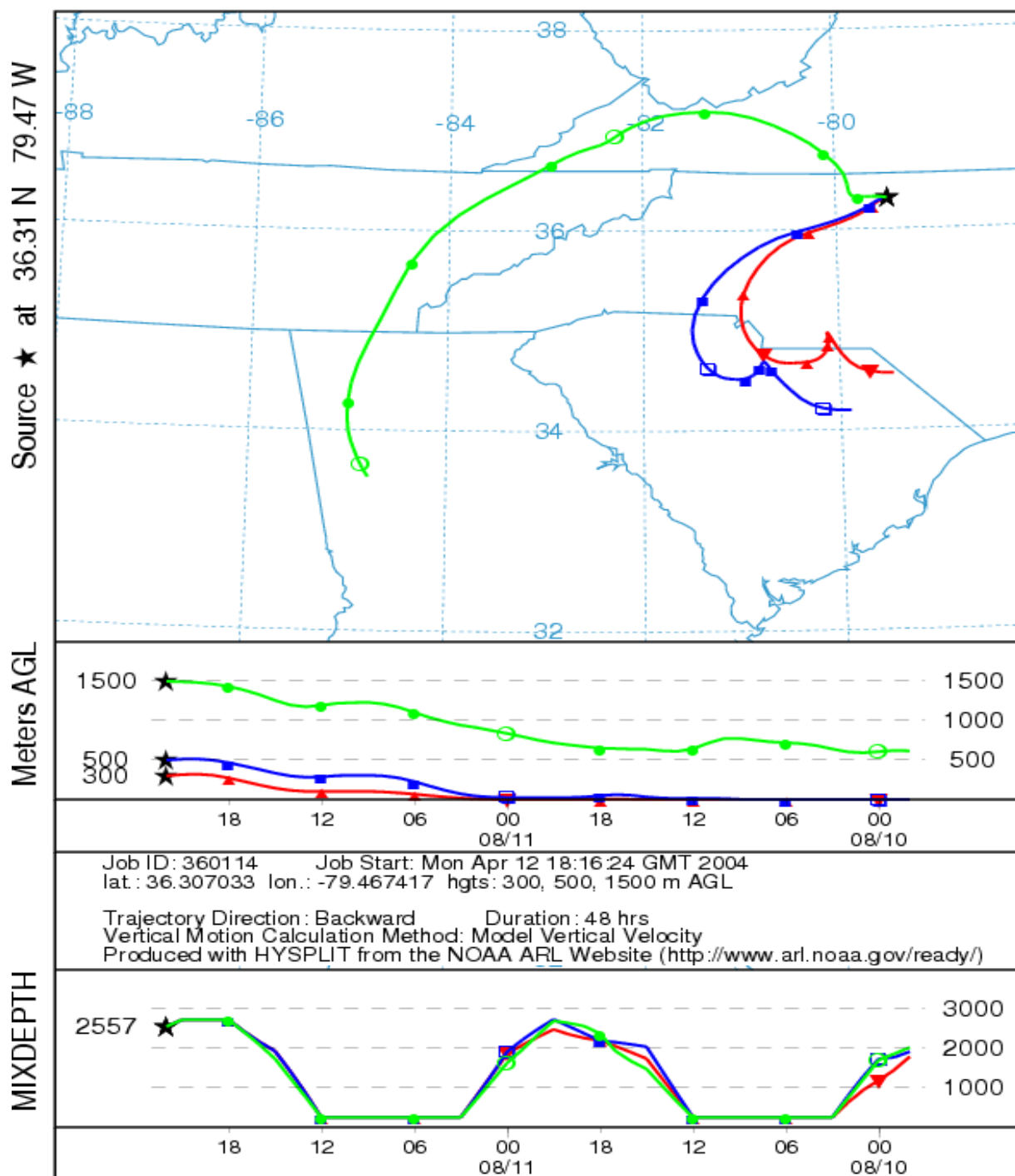
1600 hr = 20 UTC = 100 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 21 UTC 11 Aug 02
EDAS Meteorological Data



1700 hr = 21 UTC = 98 ppb

NOAA HYSPLIT MODEL
Backward trajectories ending at 22 UTC 11 Aug 02
EDAS Meteorological Data



1800 hr = 22 UTC = 86 ppb