

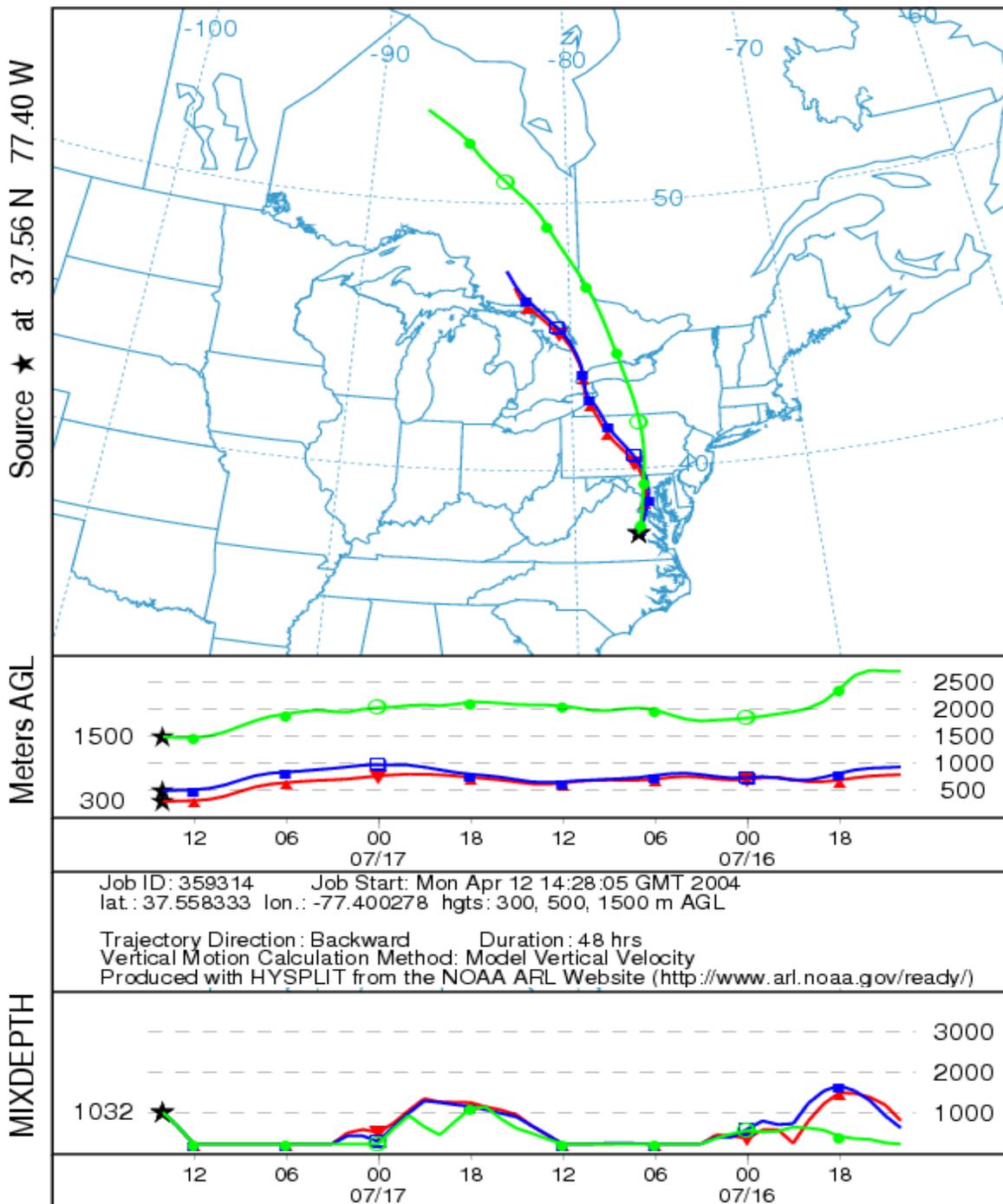
US EPA ARCHIVE DOCUMENT

Henrico County, VA

Site 510870014

- 2002 back trajectories for July 17th, 2002, collection hour beginning at 1000 hr (14 UTC, July 17th)

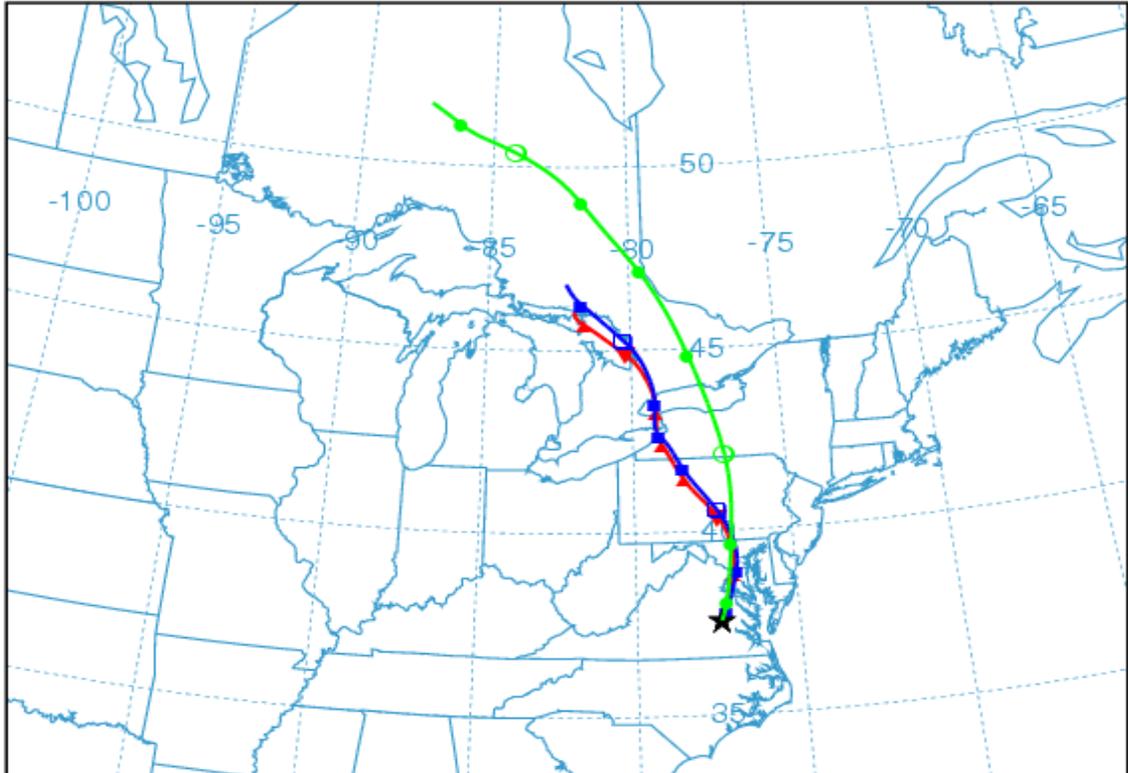
NOAA HYSPLIT MODEL
Backward trajectories ending at 14 UTC 17 Jul 02
EDAS Meteorological Data



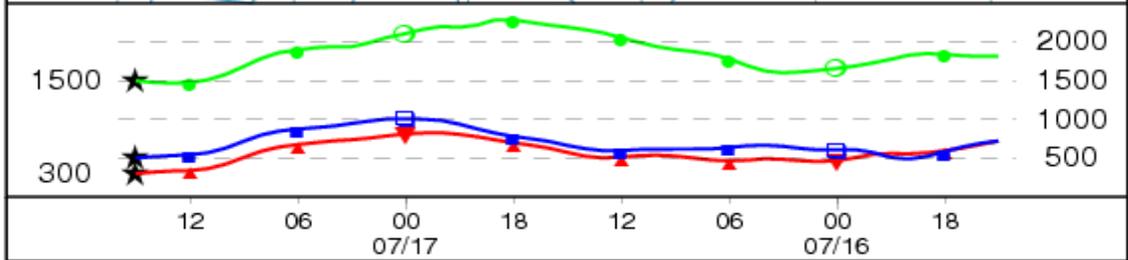
1000 hr = 14 UTC = 78 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 15 UTC 17 Jul 02
 EDAS Meteorological Data

Source ★ at 37.56 N 77.40 W



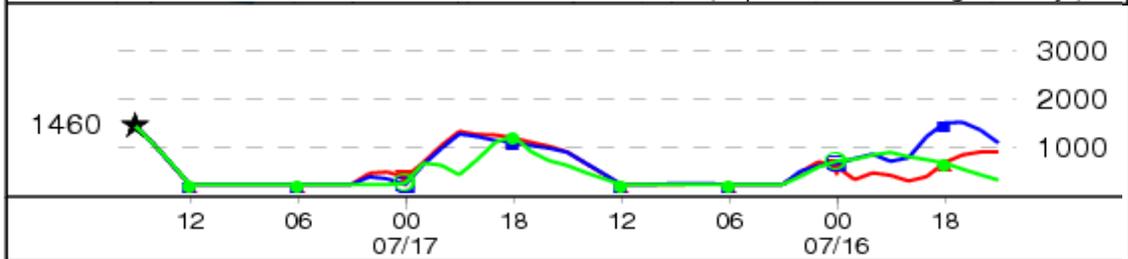
Meters AGL



Job ID: 359343 Job Start: Mon Apr 12 14:30:43 GMT 2004
 lat: 37.558333 lon.: -77.400278 hgts: 300, 500, 1500 m AGL

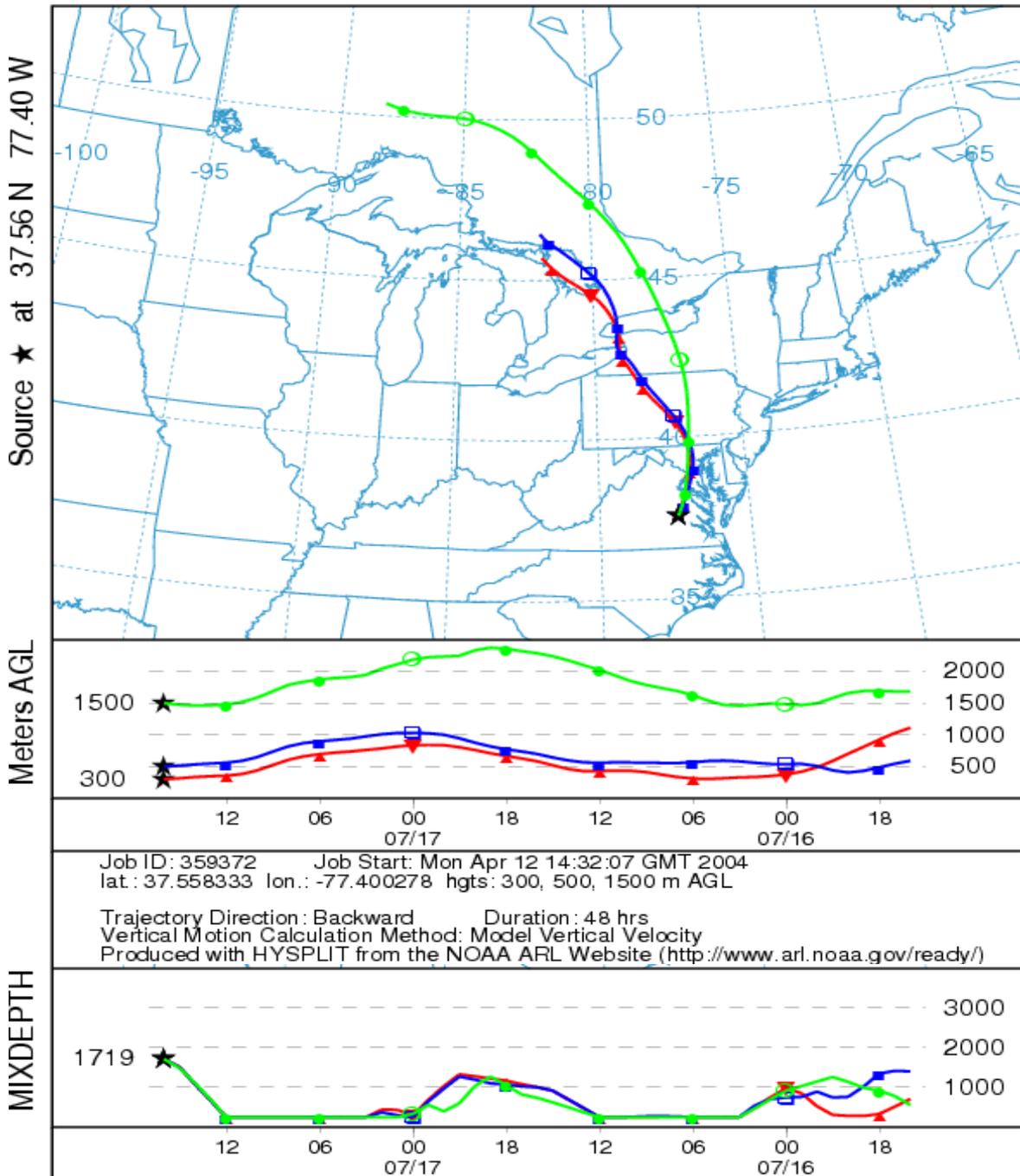
Trajectory Direction: Backward Duration: 48 hrs
 Vertical Motion Calculation Method: Model Vertical Velocity
 Produced with HYSPLIT from the NOAA ARL Website (<http://www.arl.noaa.gov/ready/>)

MIXDEPTH



1100 hr = 15 UTC = 87 ppb

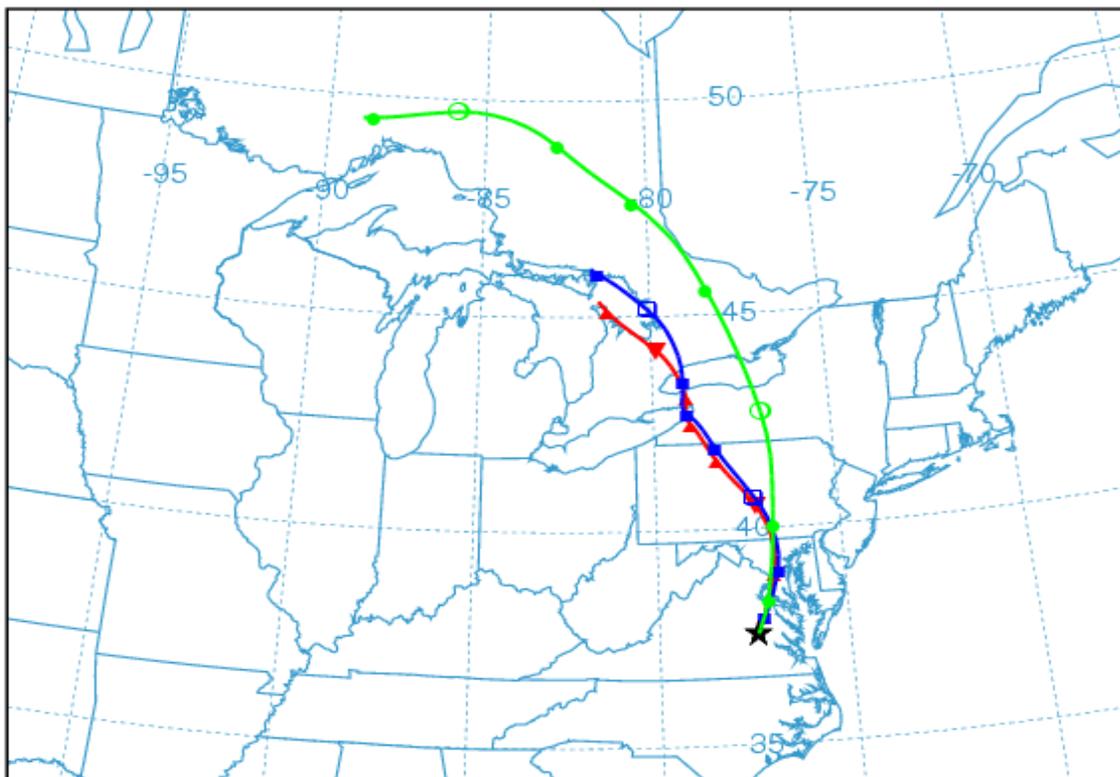
NOAA HYSPLIT MODEL
 Backward trajectories ending at 16 UTC 17 Jul 02
 EDAS Meteorological Data



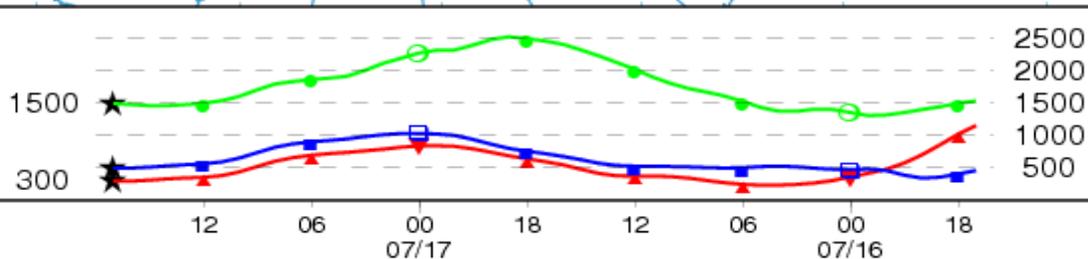
1200 hr = 16 UTC = 94 ppb

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

Source ★ at 37.56 N 77.40 W



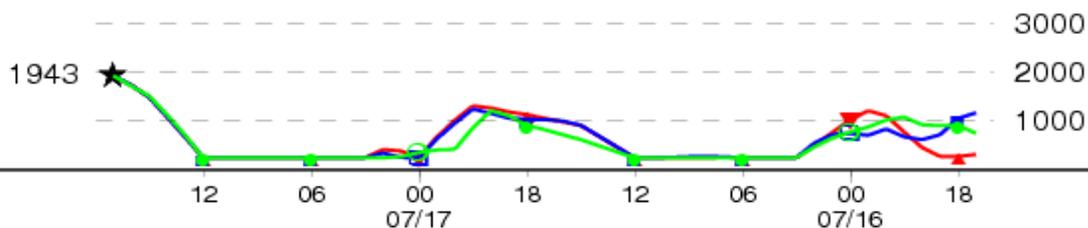
Meters AGL



Job ID: 359401 Job Start: Mon Apr 12 14:33:23 GMT 2004
 lat.: 37.558333 lon.: -77.400278 hgts: 300, 500, 1500 m AGL

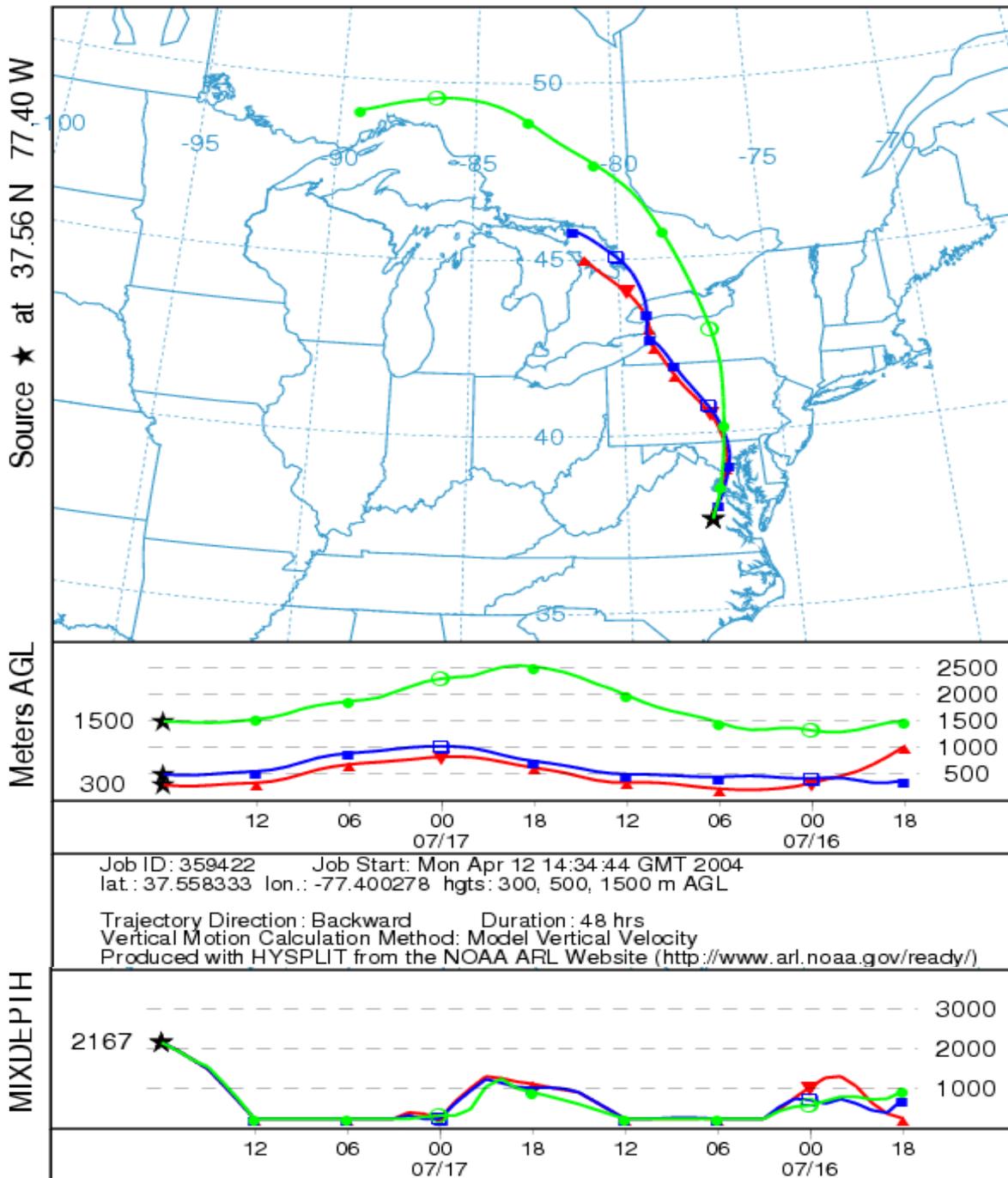
Trajectory Direction: Backward Duration: 48 hrs
 Vertical Motion Calculation Method: Model Vertical Velocity
 Produced with HYSPLIT from the NOAA ARL Website (<http://www.arl.noaa.gov/ready/>)

MIXDEPTH



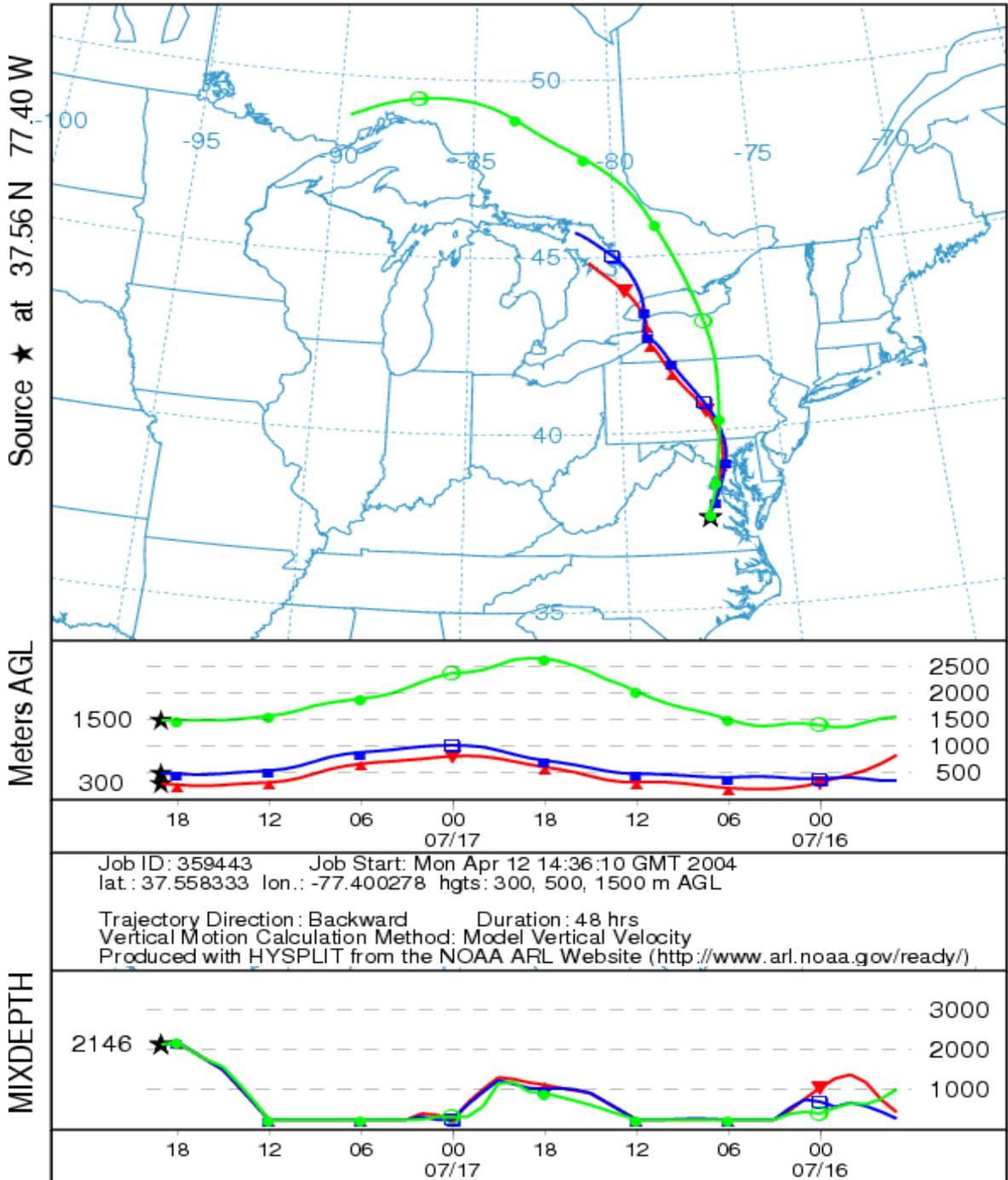
1300 hr = 17 UTC = 100 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 18 UTC 17 Jul 02
 EDAS Meteorological Data



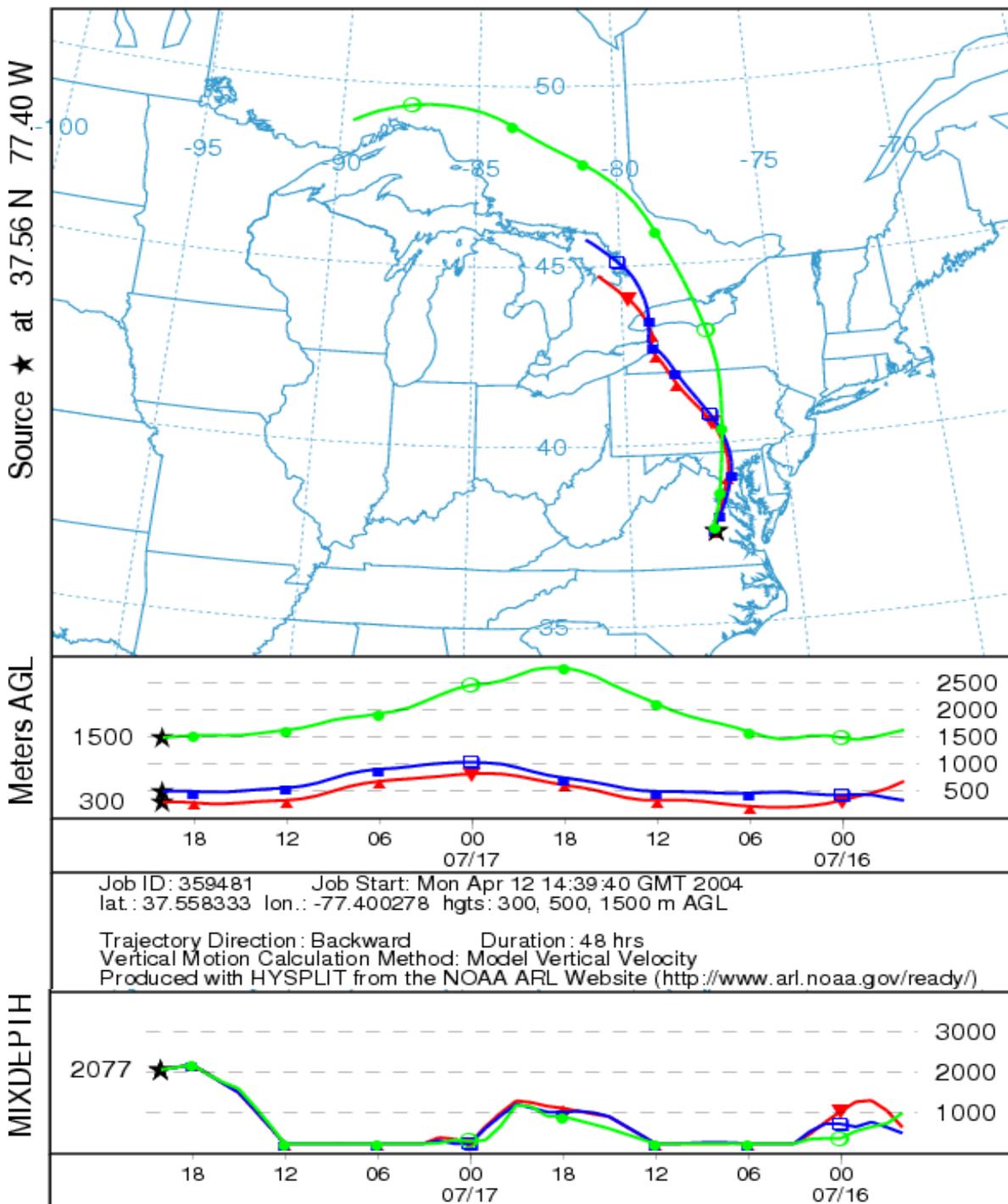
1400 hr = 18 UTC = 121 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 19 UTC 17 Jul 02
 EDAS Meteorological Data

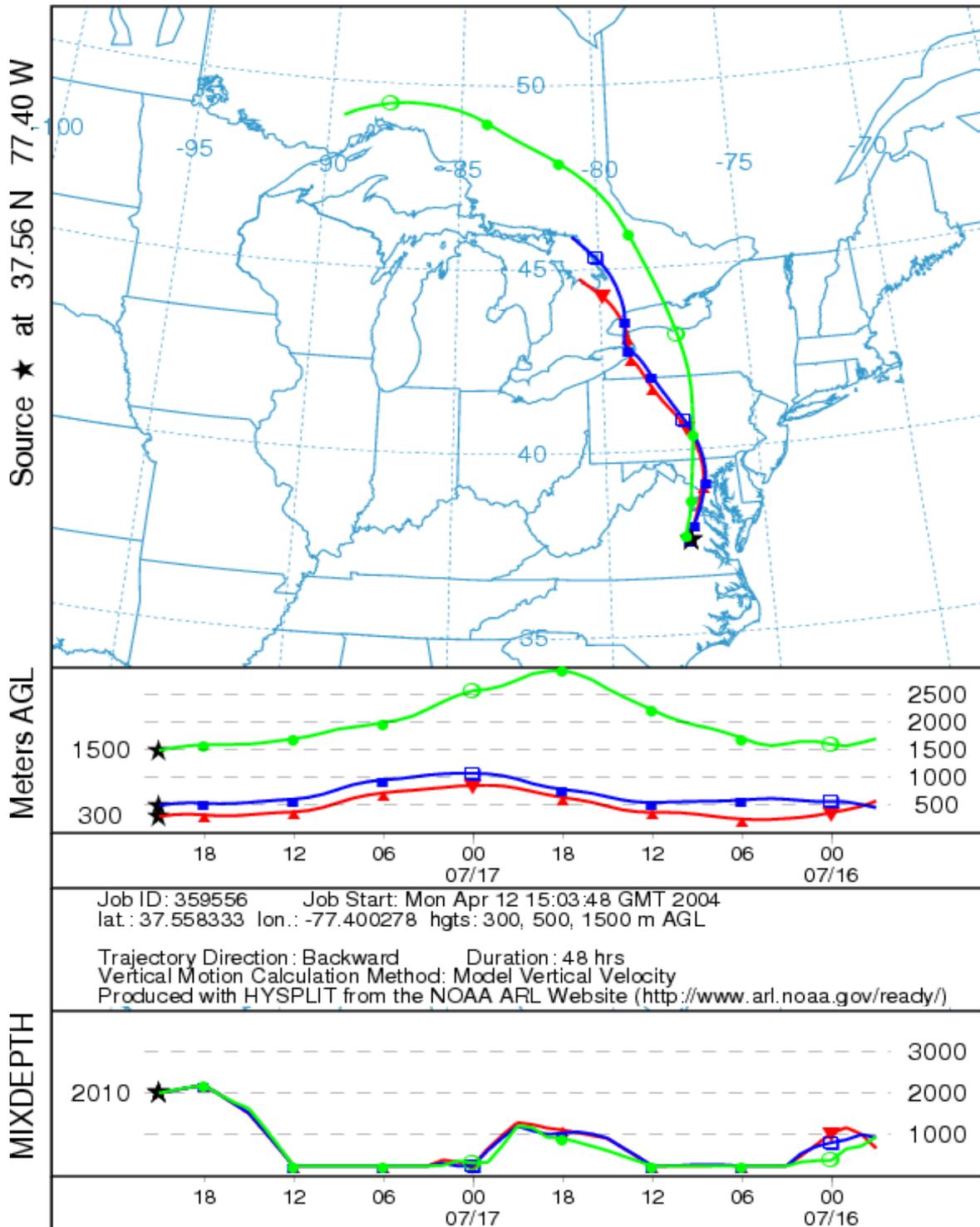


1500 hr = 19 UTC = 117 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 20 UTC 17 Jul 02
 EDAS Meteorological Data



NOAA HYSPLIT MODEL
 Backward trajectories ending at 21 UTC 17 Jul 02
 EDAS Meteorological Data



1700 hr = 21 UTC = 87 ppb