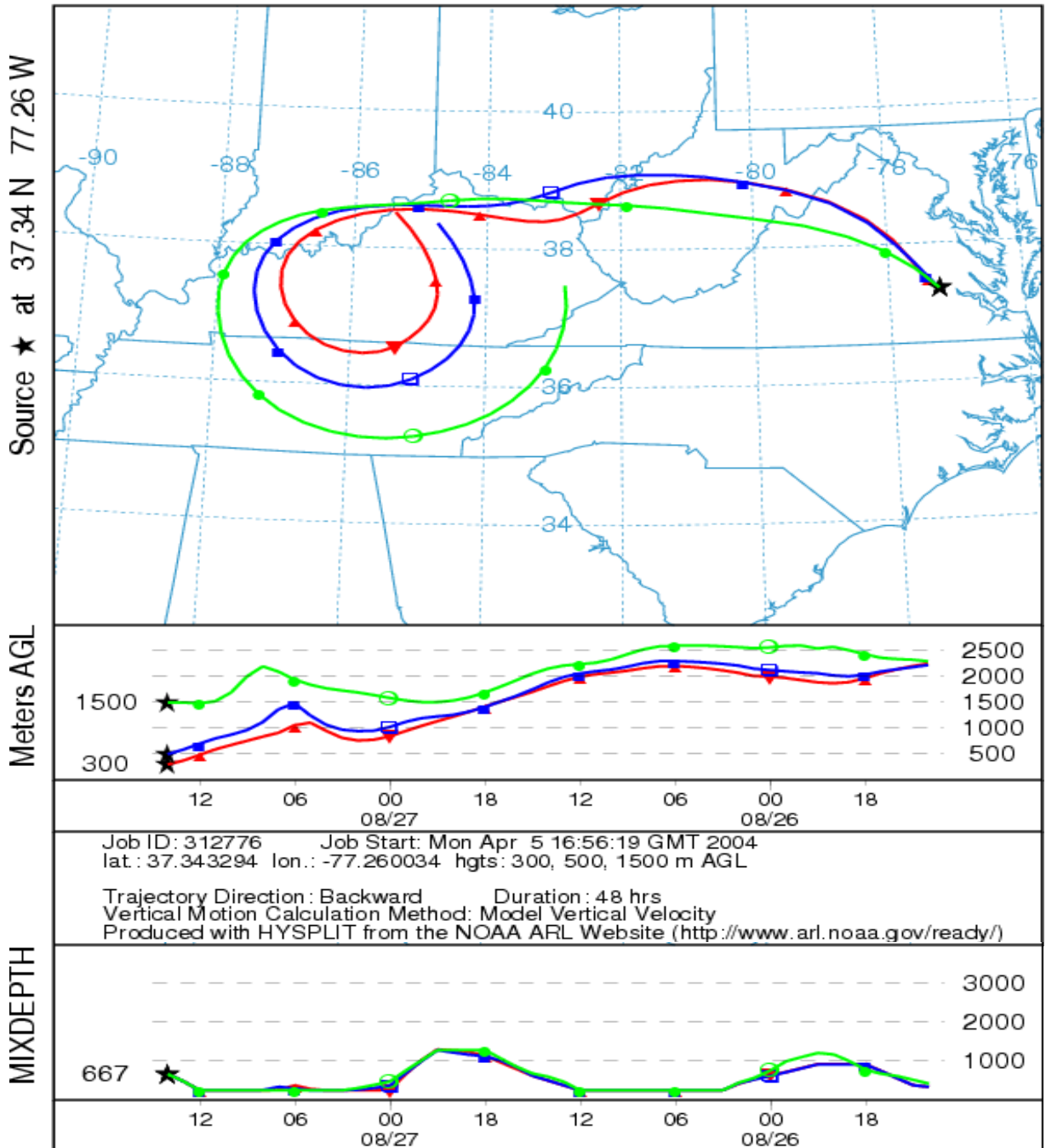


Charles City County, VA
Site ID 510360002

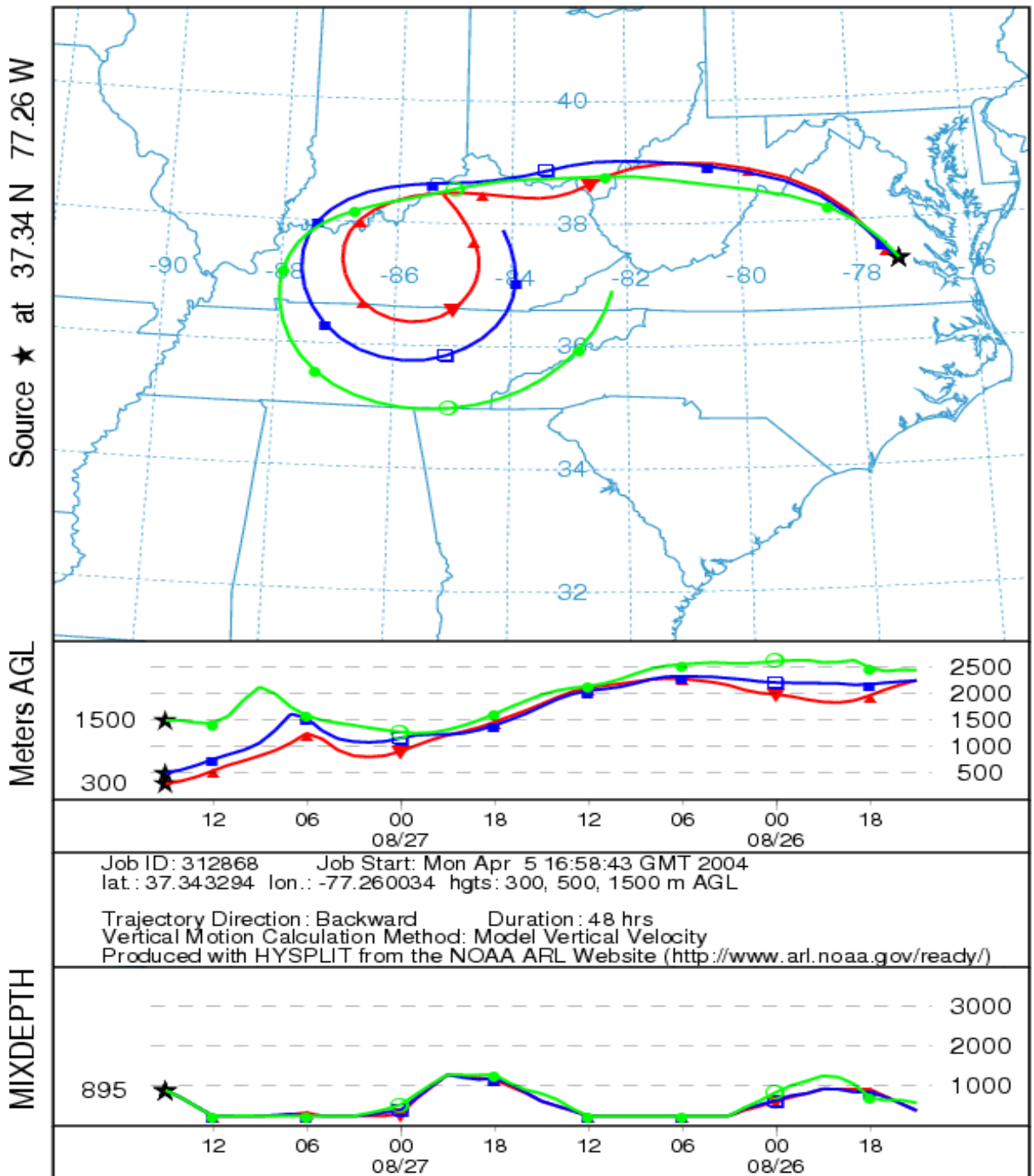
- 2003 back trajectories for August 27th, 2003, collection hour beginning at 1000 hr (14 UTC)

NOAA HYSPLIT MODEL
 Backward trajectories ending at 14 UTC 27 Aug 03
 EDAS Meteorological Data



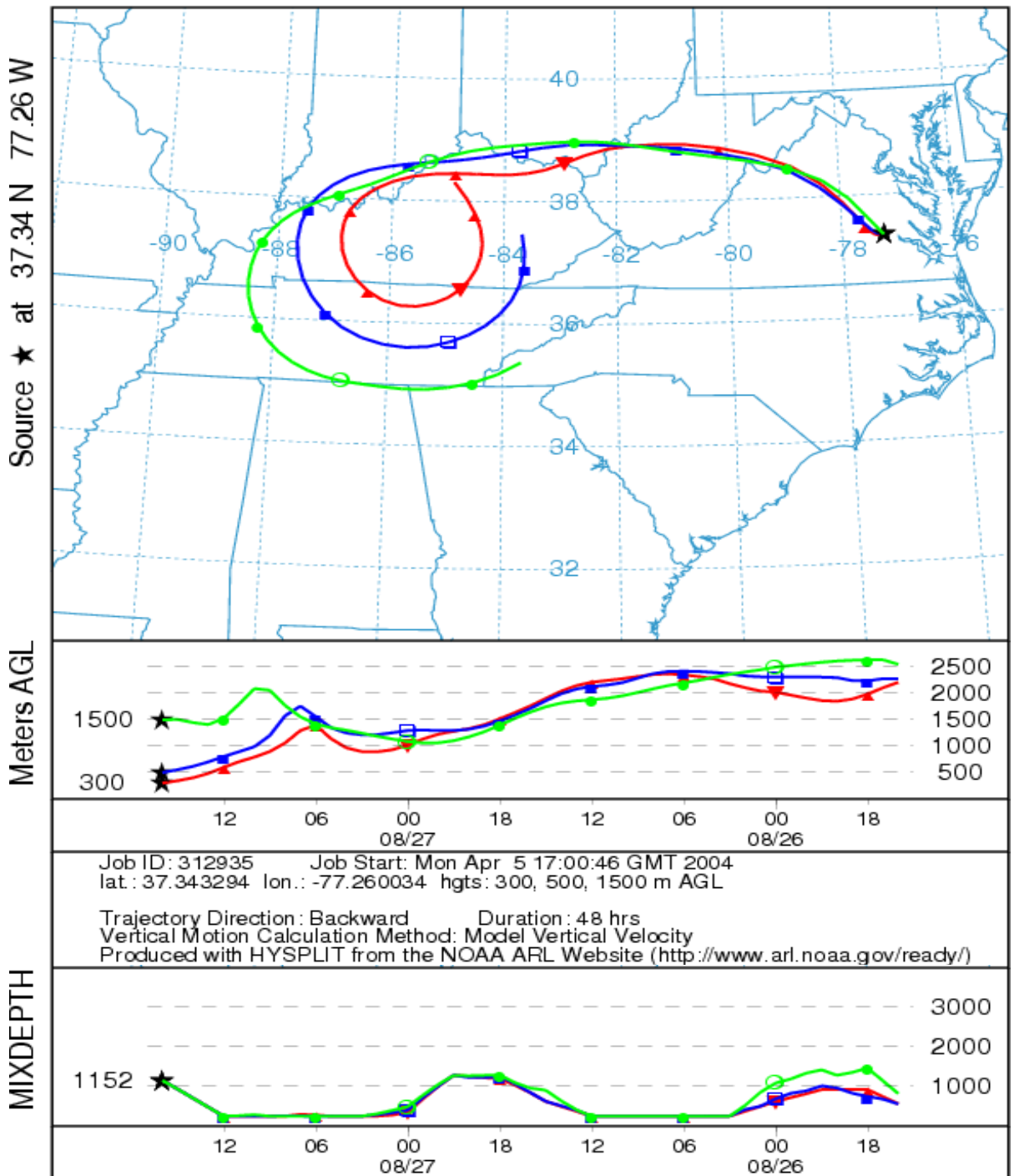
1000 hr (14 UTC) = 64 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 15 UTC 27 Aug 03
 EDAS Meteorological Data



1100 hr (15 UTC) = 77 ppb

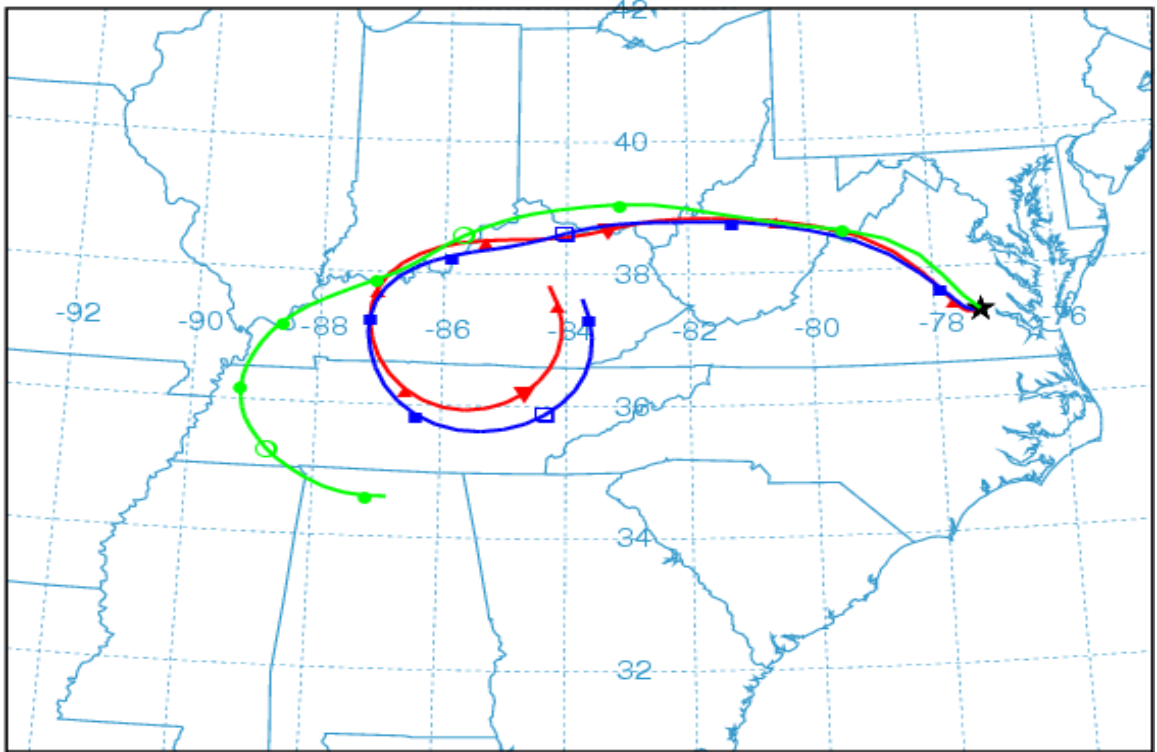
NOAA HYSPLIT MODEL
 Backward trajectories ending at 16 UTC 27 Aug 03
 EDAS Meteorological Data



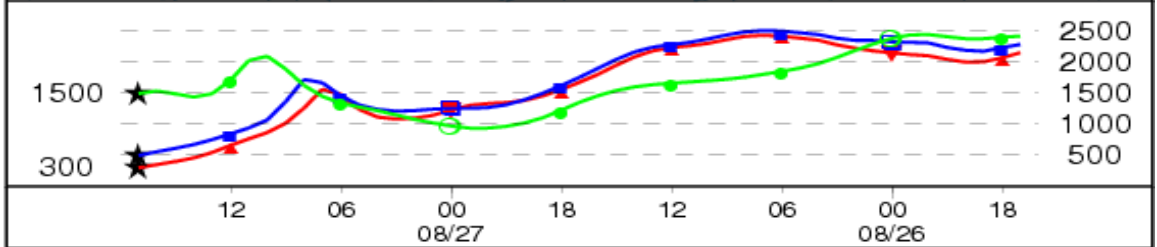
1200 hr (16 UTC) = 80 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 17 UTC 27 Aug 03
 EDAS Meteorological Data

Source ★ at 37.34 N 77.26 W



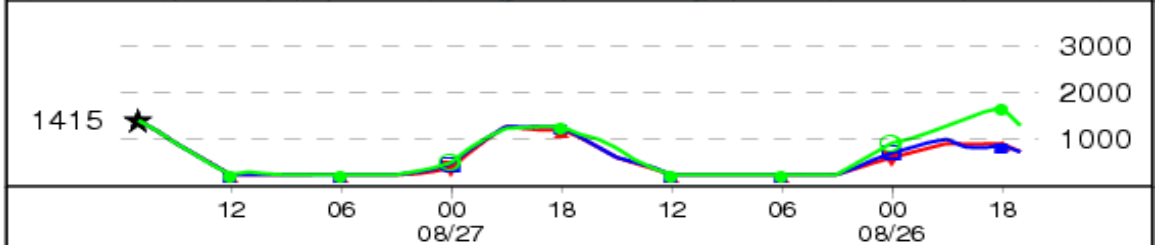
Meters AGL



Job ID: 312976 Job Start: Mon Apr 5 17:02:21 GMT 2004
 lat.: 37.343294 lon.: -77.260034 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/>)

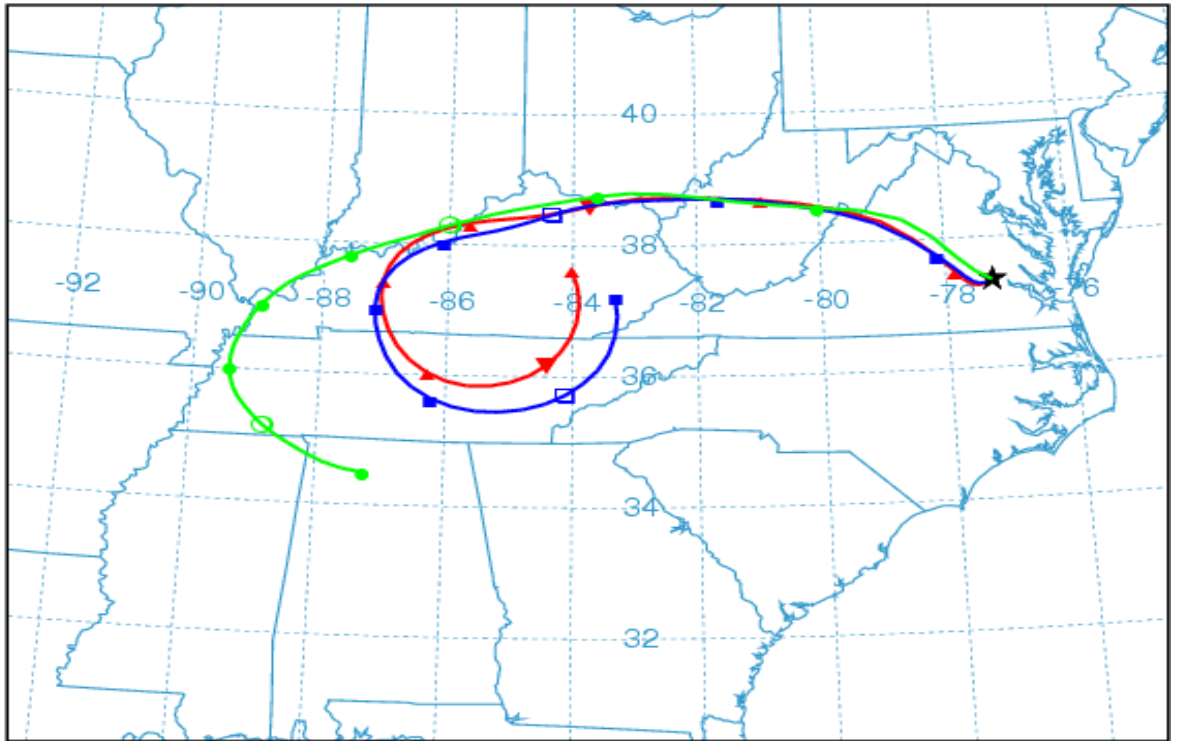
MIXDEPTH



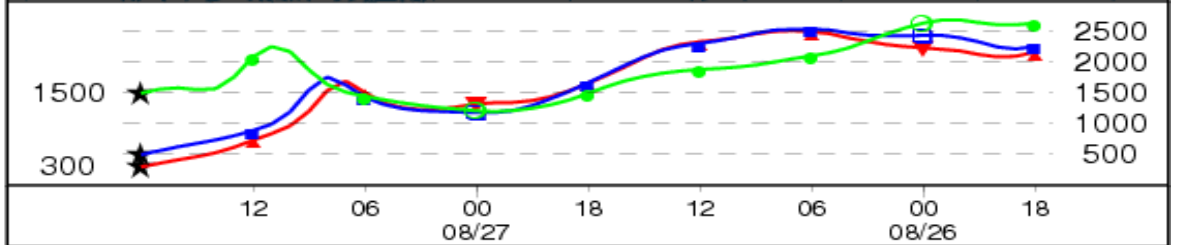
1300 hr (17 UTC) = 86 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 18 UTC 27 Aug 03
 EDAS Meteorological Data

Source ★ at 37.34 N 77.26 W



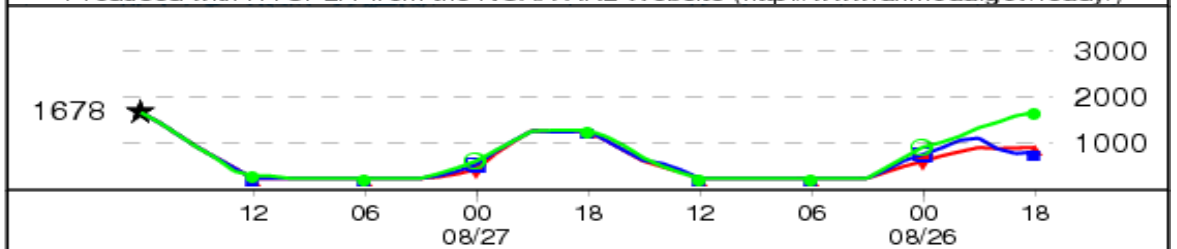
Meters AGL



Job ID: 313009 Job Start: Mon Apr 5 17:04:52 GMT 2004
 lat.: 37.343294 lon.: -77.260034 hgts: 300, 500, 1500 m AGL

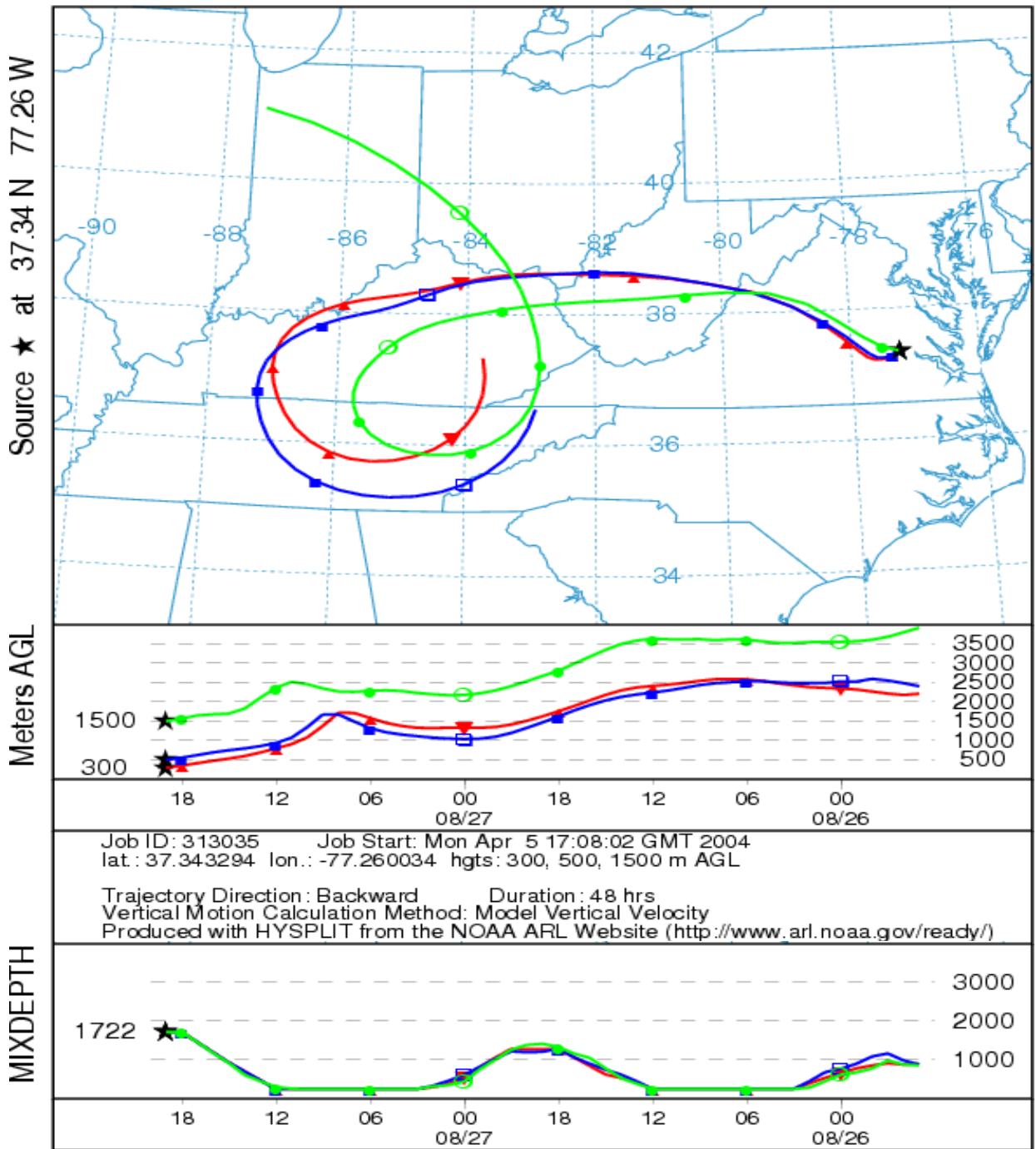
Trajectory Direction: Backward Duration: 48 hrs
 Vertical Motion Calculation Method: Model Vertical Velocity
 Produced with HYSPLIT from the NOAA ARL Website (<http://www.arl.noaa.gov/ready/>)

MIXDEPTH



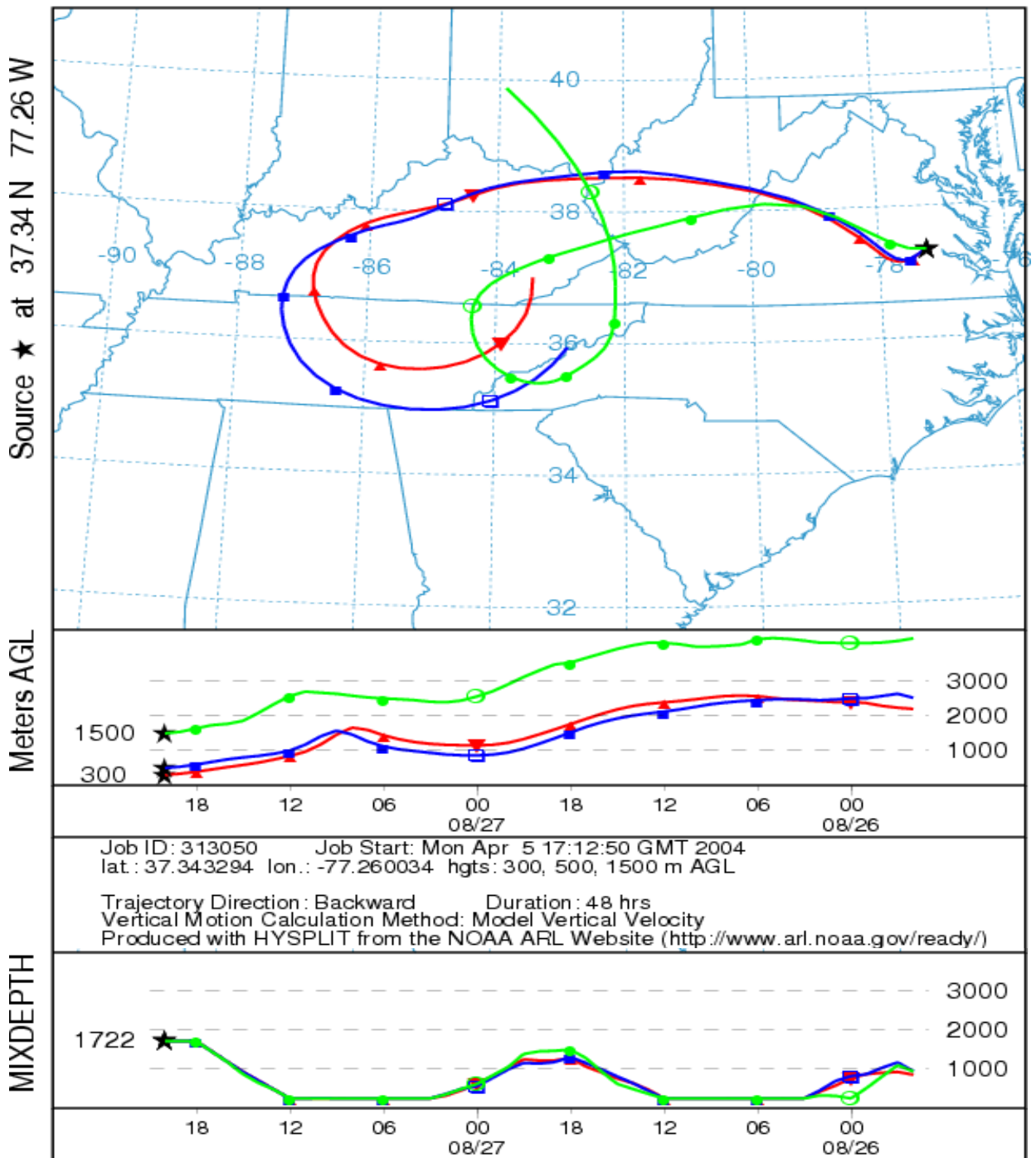
1400 hr (18 UTC) = 93 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 19 UTC 27 Aug 03
 EDAS Meteorological Data



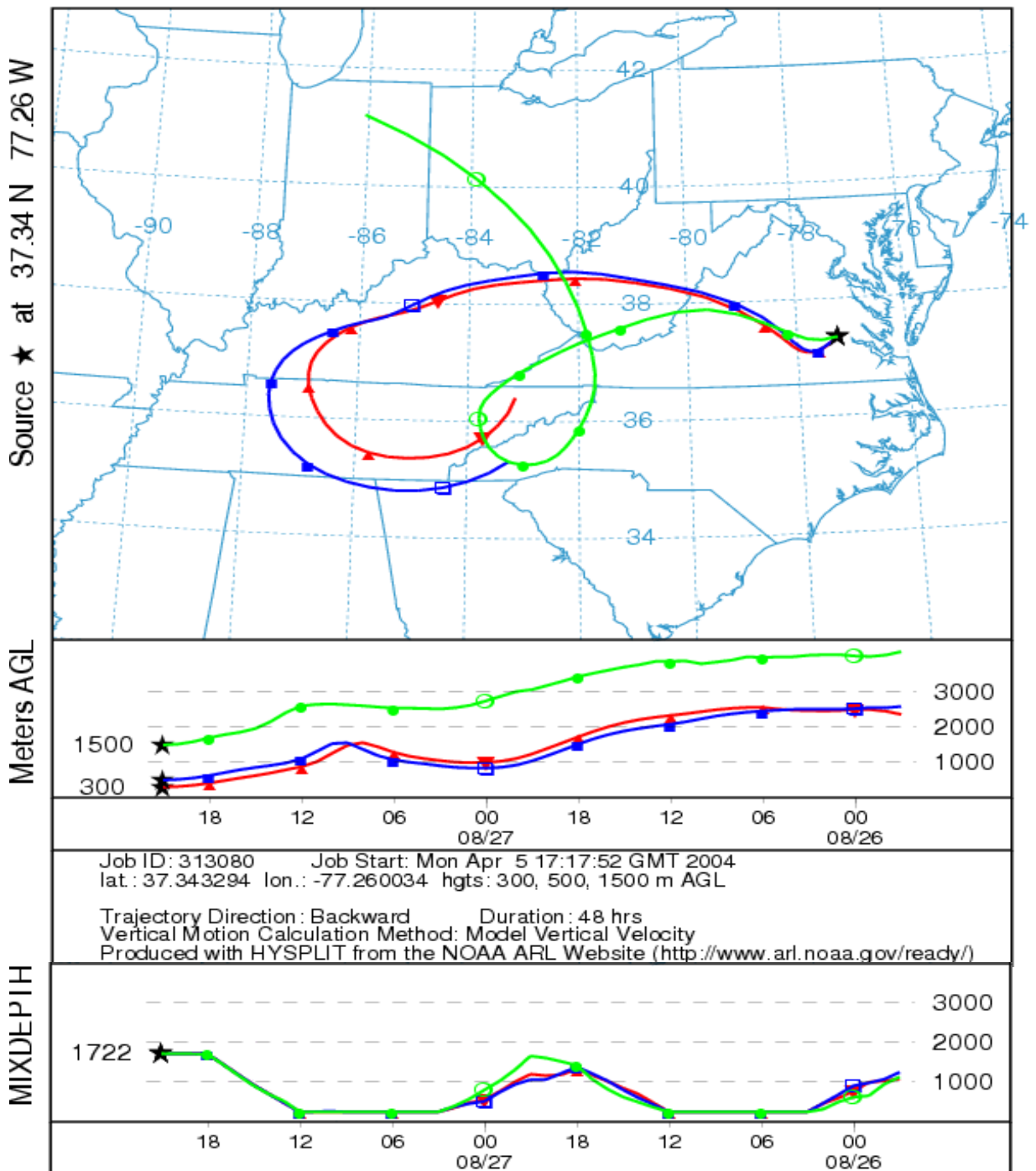
1500 hr (19 UTC) = 102 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 20 UTC 27 Aug 03
 EDAS Meteorological Data



1600 hr (20 UTC) = 70 ppb

NOAA HYSPLIT MODEL
 Backward trajectories ending at 21 UTC 27 Aug 03
 EDAS Meteorological Data



1700 hr (21 UTC) = 67 ppb