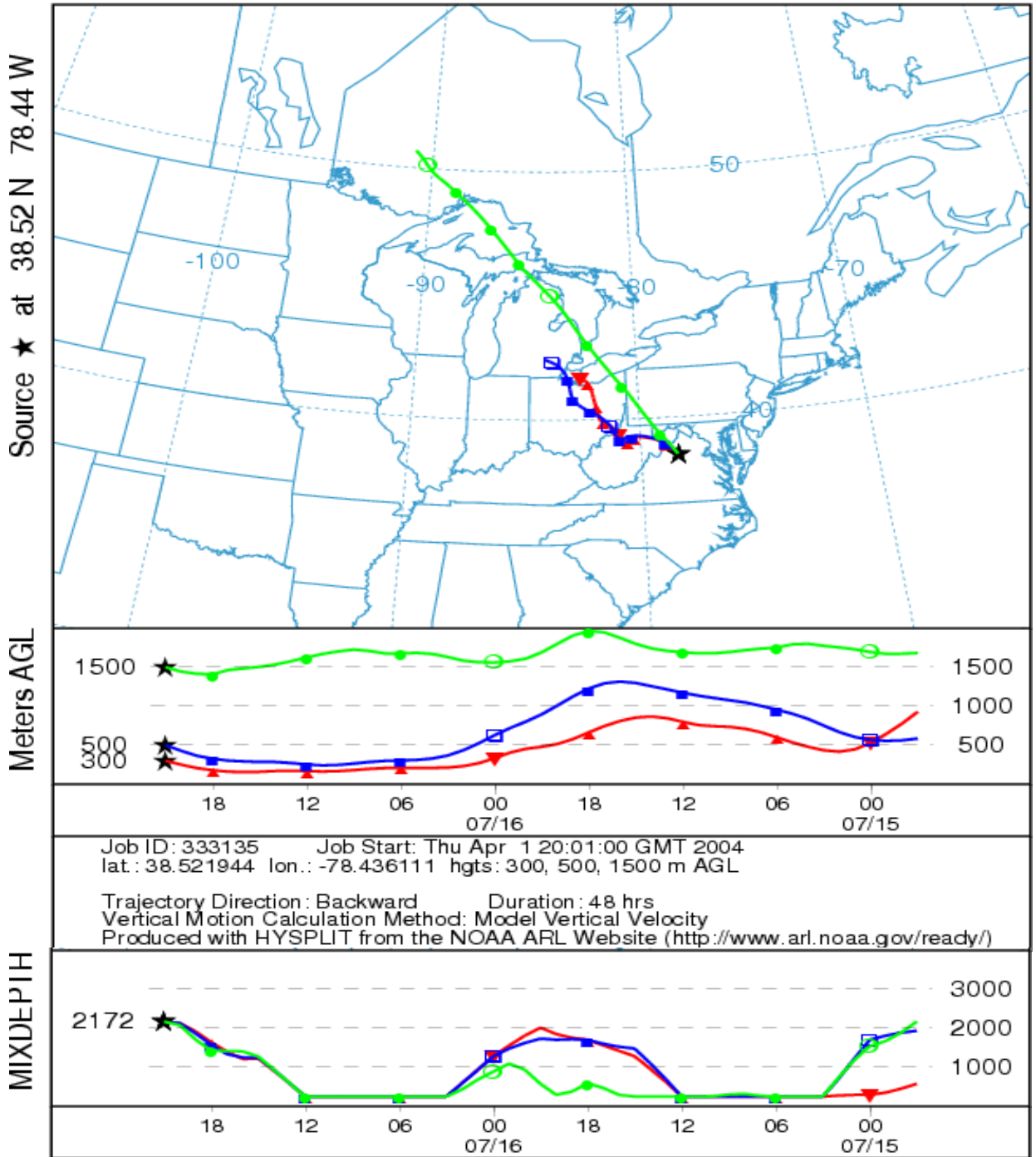


# Madison, VA

## Site ID 511130003

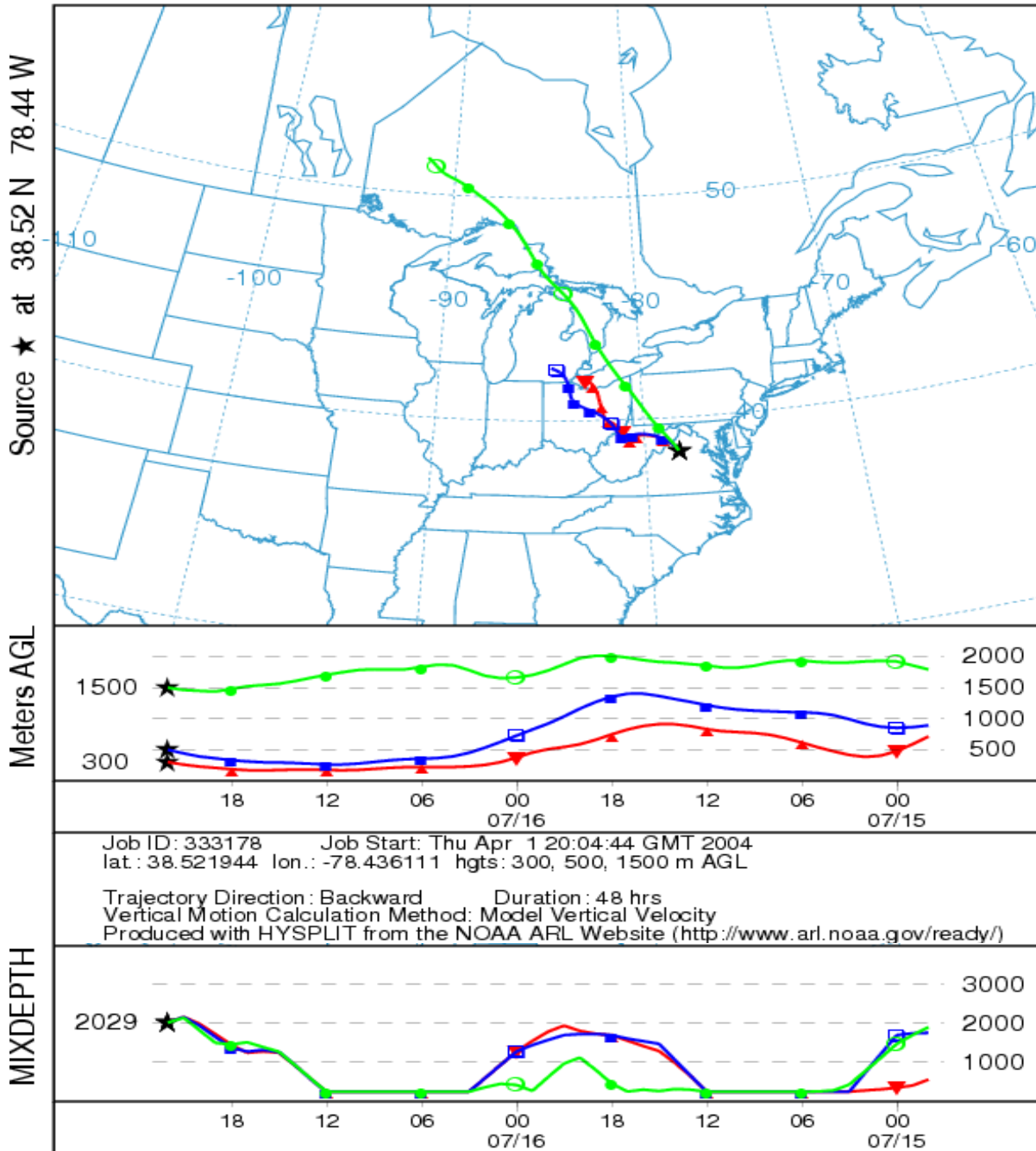
- 2002 back trajectories for July 16<sup>th</sup>, 2002, collection hour beginning at 1700 hr (21 UTC)

NOAA HYSPLIT MODEL  
 Backward trajectories ending at 21 UTC 16 Jul 02  
 EDAS Meteorological Data



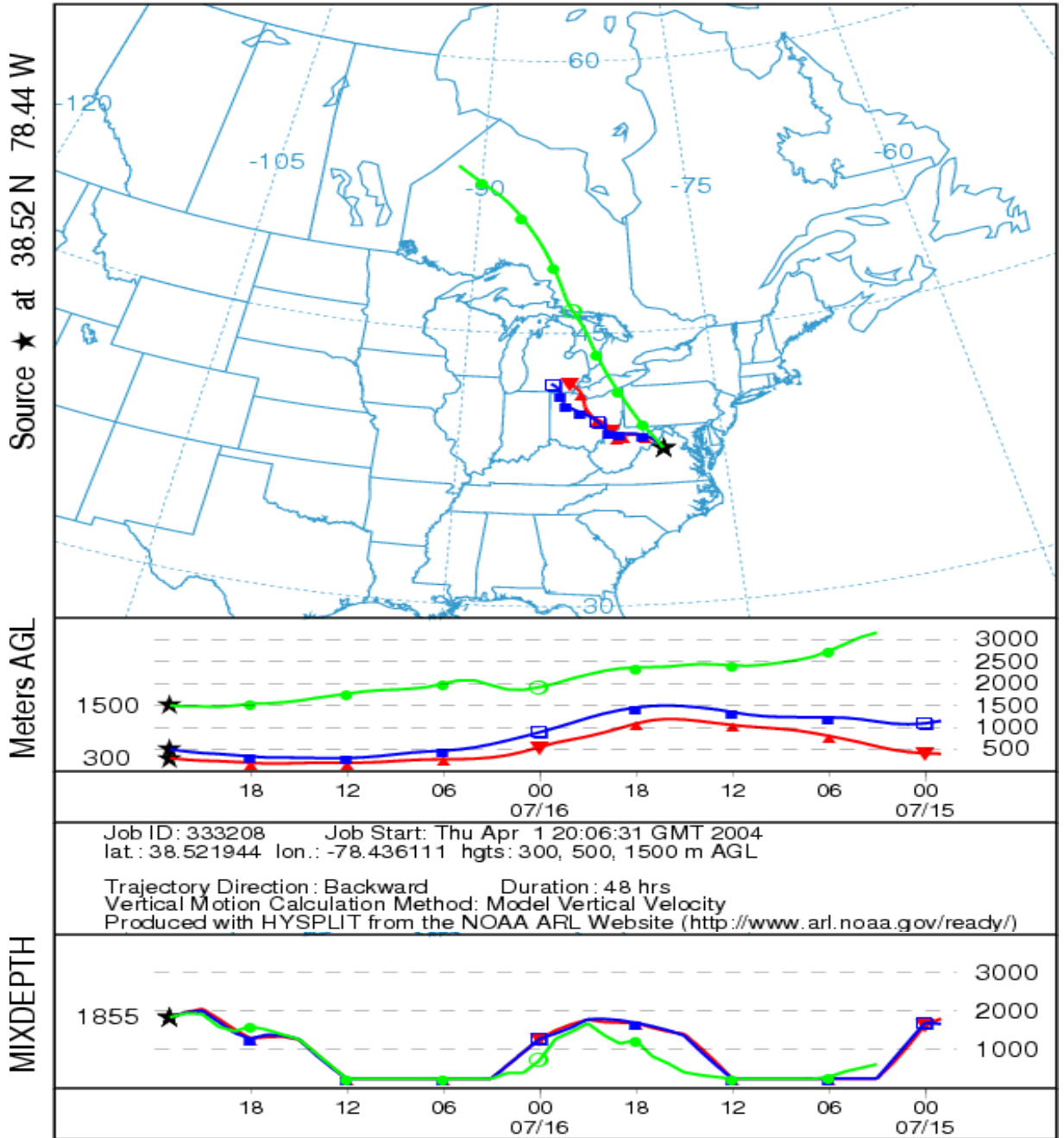
**1700 hr = 21 UTC = 81 ppb**

NOAA HYSPLIT MODEL  
 Backward trajectories ending at 22 UTC 16 Jul 02  
 EDAS Meteorological Data



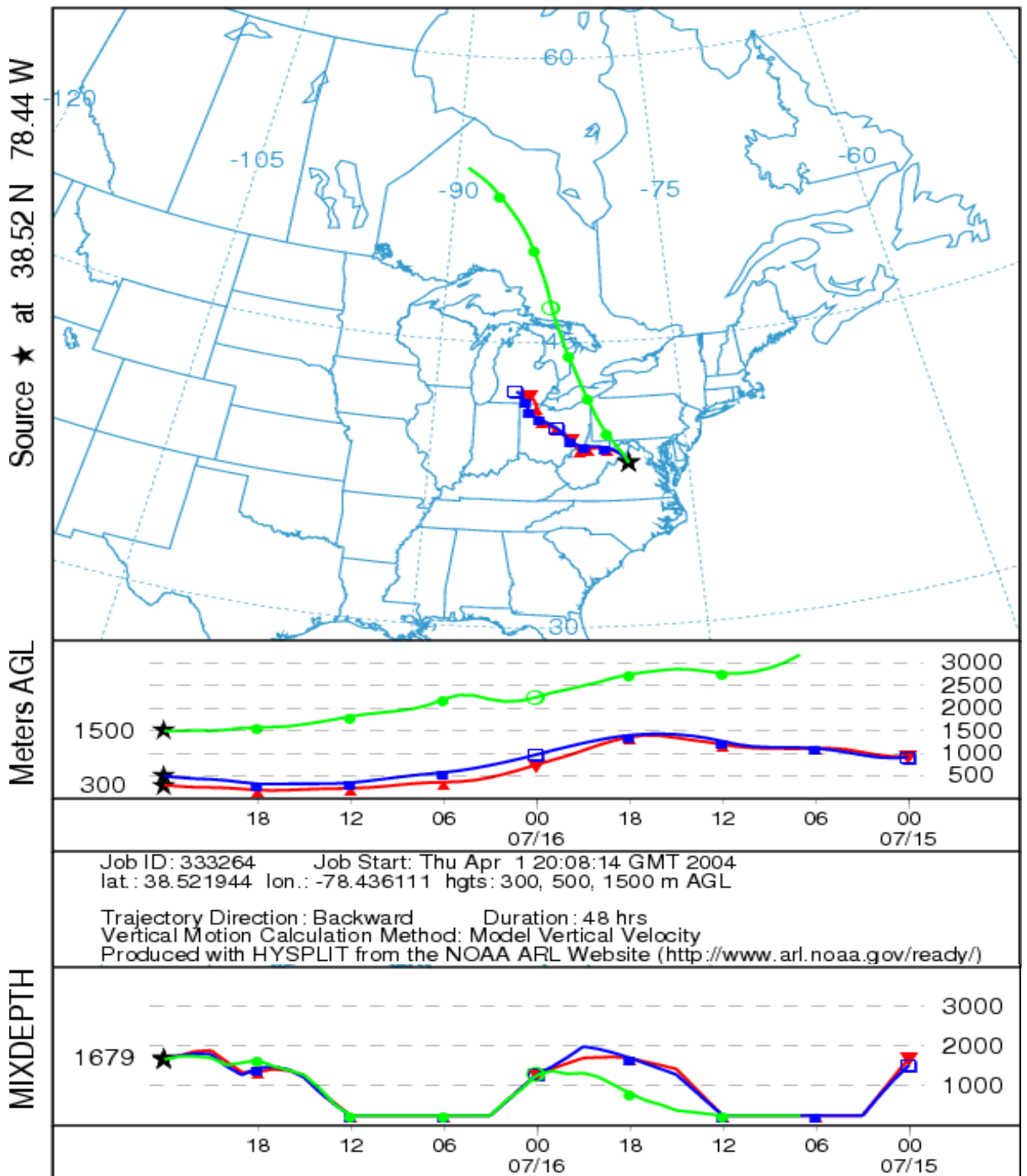
**1800 hr = 22 UTC = 85 ppb**

NOAA HYSPLIT MODEL  
 Backward trajectories ending at 23 UTC 16 Jul 02  
 EDAS Meteorological Data



**1900 hr = 23 UTC = 92 ppb**

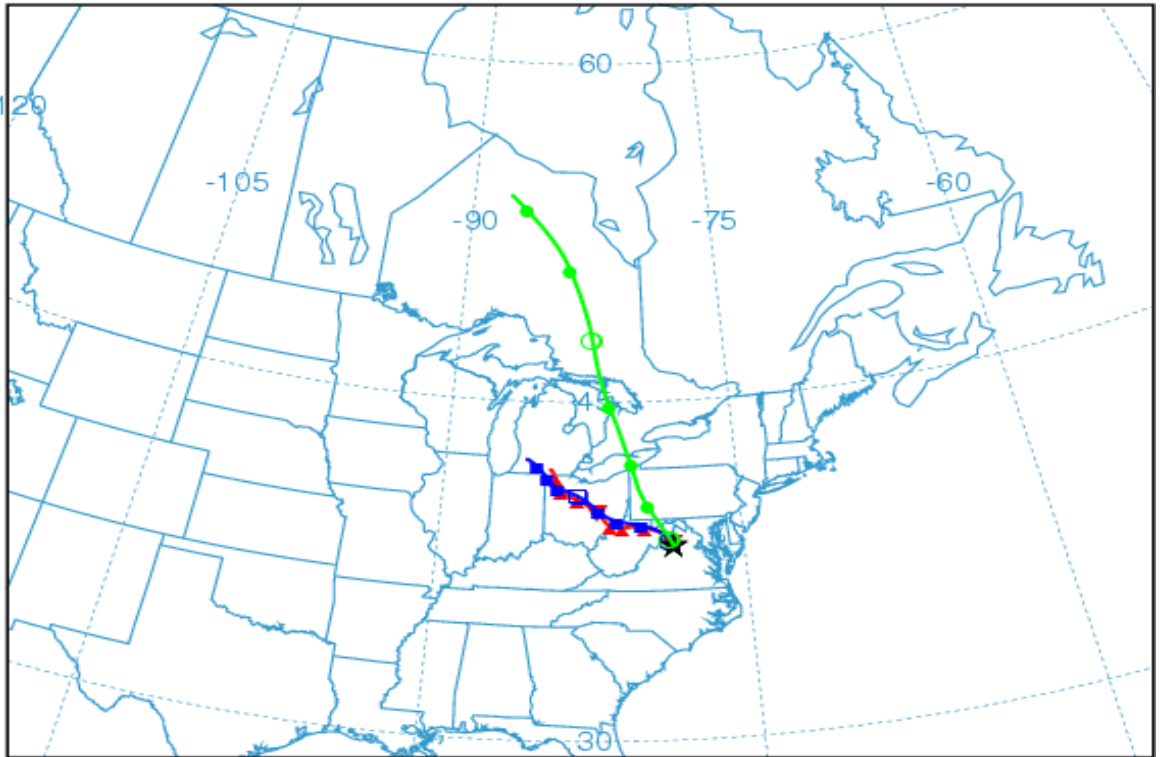
NOAA HYSPLIT MODEL  
 Backward trajectories ending at 00 UTC 17 Jul 02  
 EDAS Meteorological Data



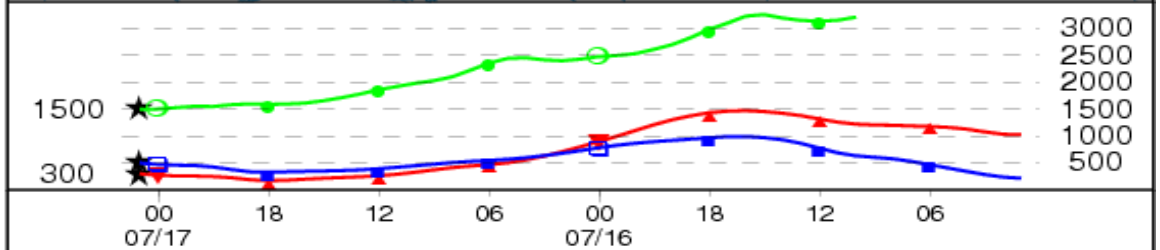
**2000 hr = 00 UTC = 91 ppb**

NOAA HYSPLIT MODEL  
 Backward trajectories ending at 01 UTC 17 Jul 02  
 EDAS Meteorological Data

Source ★ at 38.52 N 78.44 W



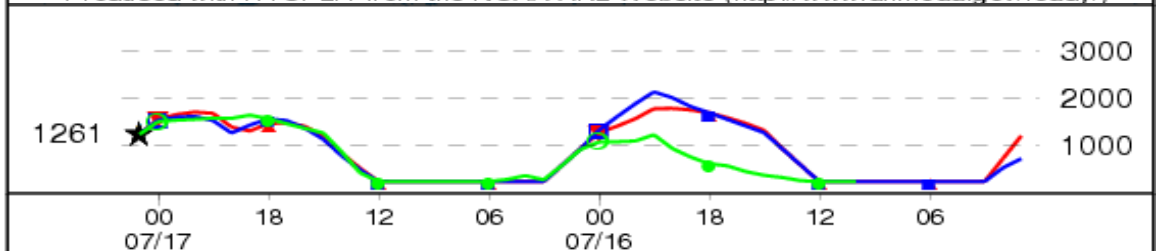
Meters AGL



Job ID: 333287 Job Start: Thu Apr 1 20:10:00 GMT 2004  
 lat.: 38.521944 lon.: -78.436111 hgts: 300, 500, 1500 m AGL

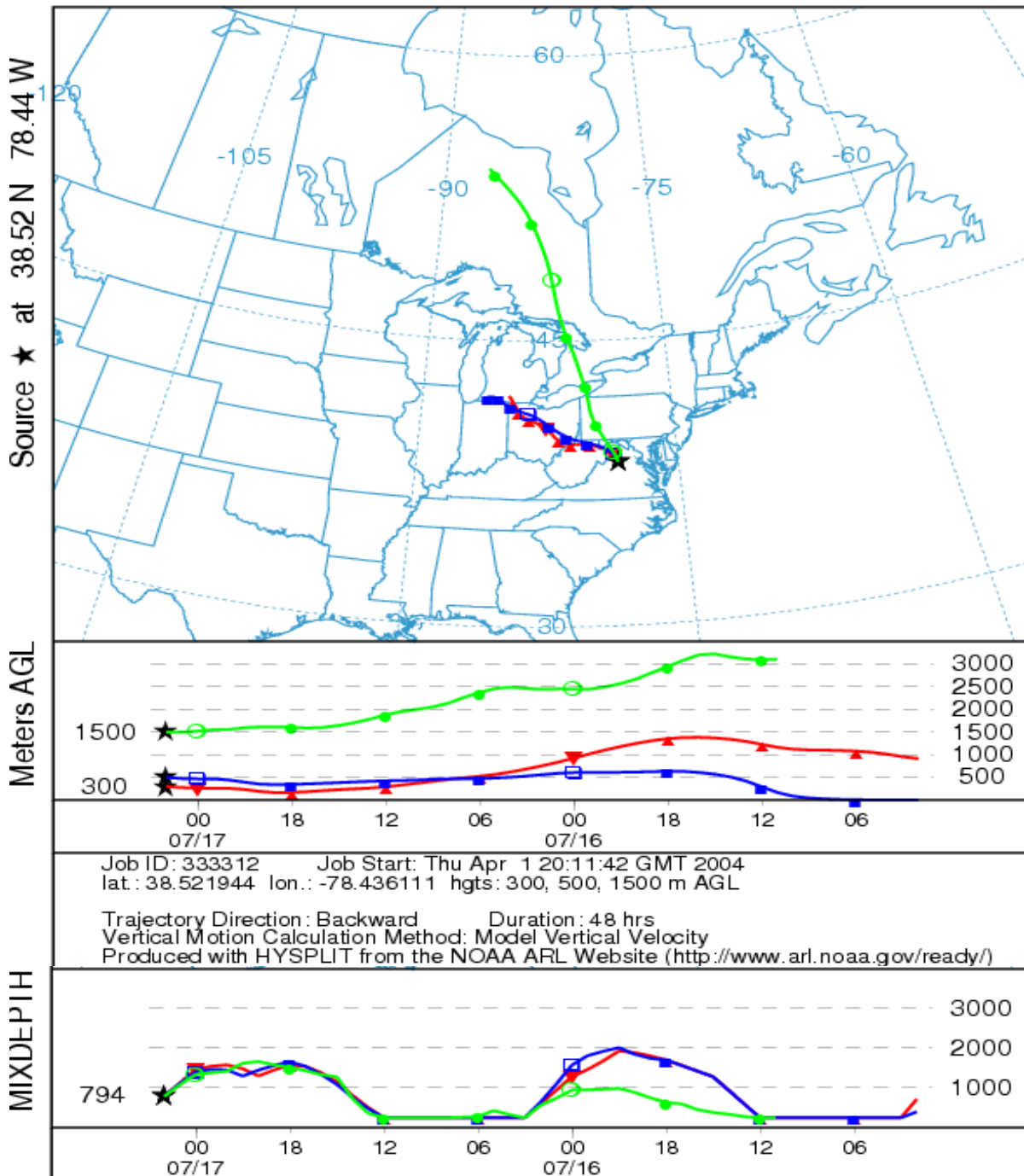
Trajectory Direction: Backward Duration: 48 hrs  
 Vertical Motion Calculation Method: Model Vertical Velocity  
 Produced with HYSPLIT from the NOAA ARL Website (<http://www.arl.noaa.gov/ready/>)

MIXDEPTH



**2100 hr = 01 UTC = 89 ppb**

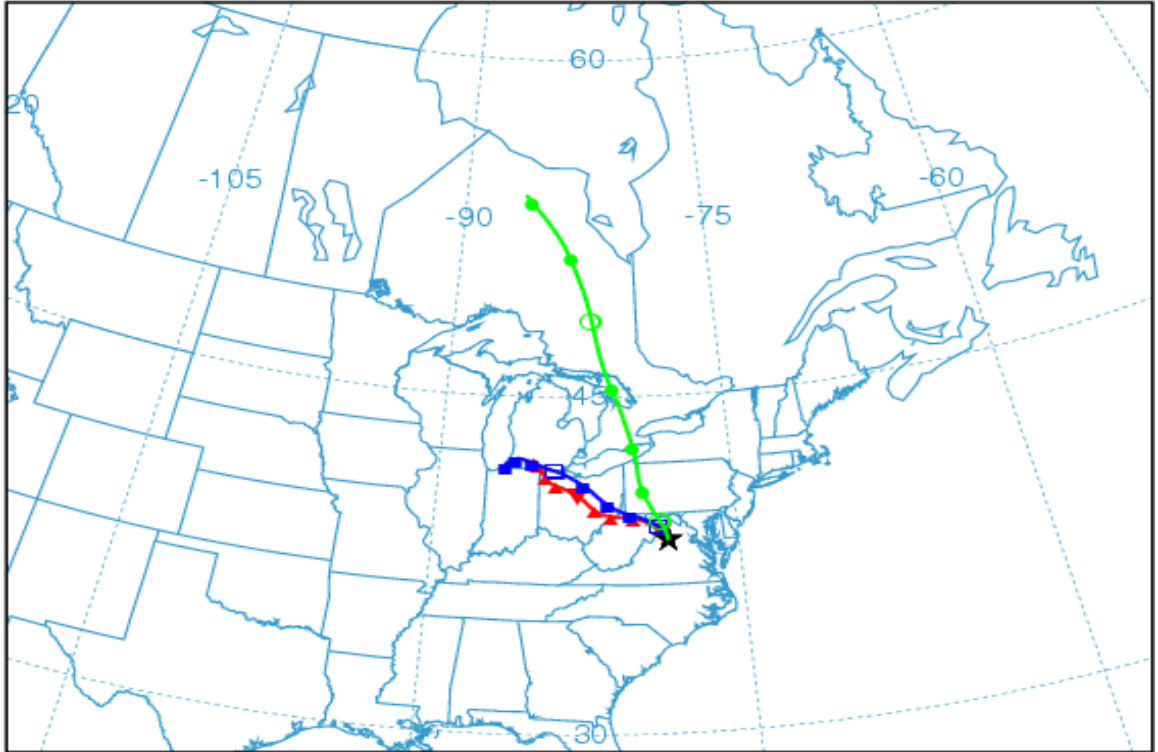
NOAA HYSPLIT MODEL  
 Backward trajectories ending at 02 UTC 17 Jul 02  
 EDAS Meteorological Data



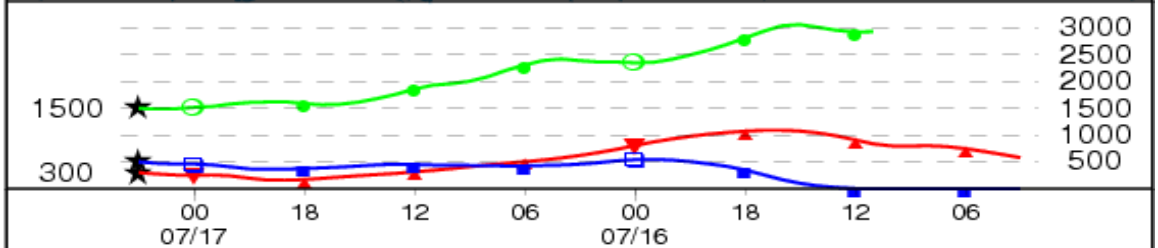
**2200 hr = 02 UTC = 88 ppb**

NOAA HYSPLIT MODEL  
 Backward trajectories ending at 03 UTC 17 Jul 02  
 EDAS Meteorological Data

Source ★ at 38.52 N 78.44 W



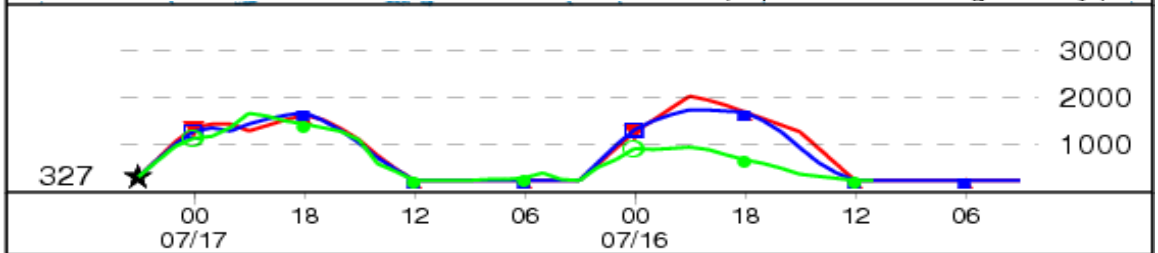
Meters AGL



Job ID: 333367 Job Start: Thu Apr 1 20:13:12 GMT 2004  
 lat.: 38.521944 lon.: -78.436111 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/>)

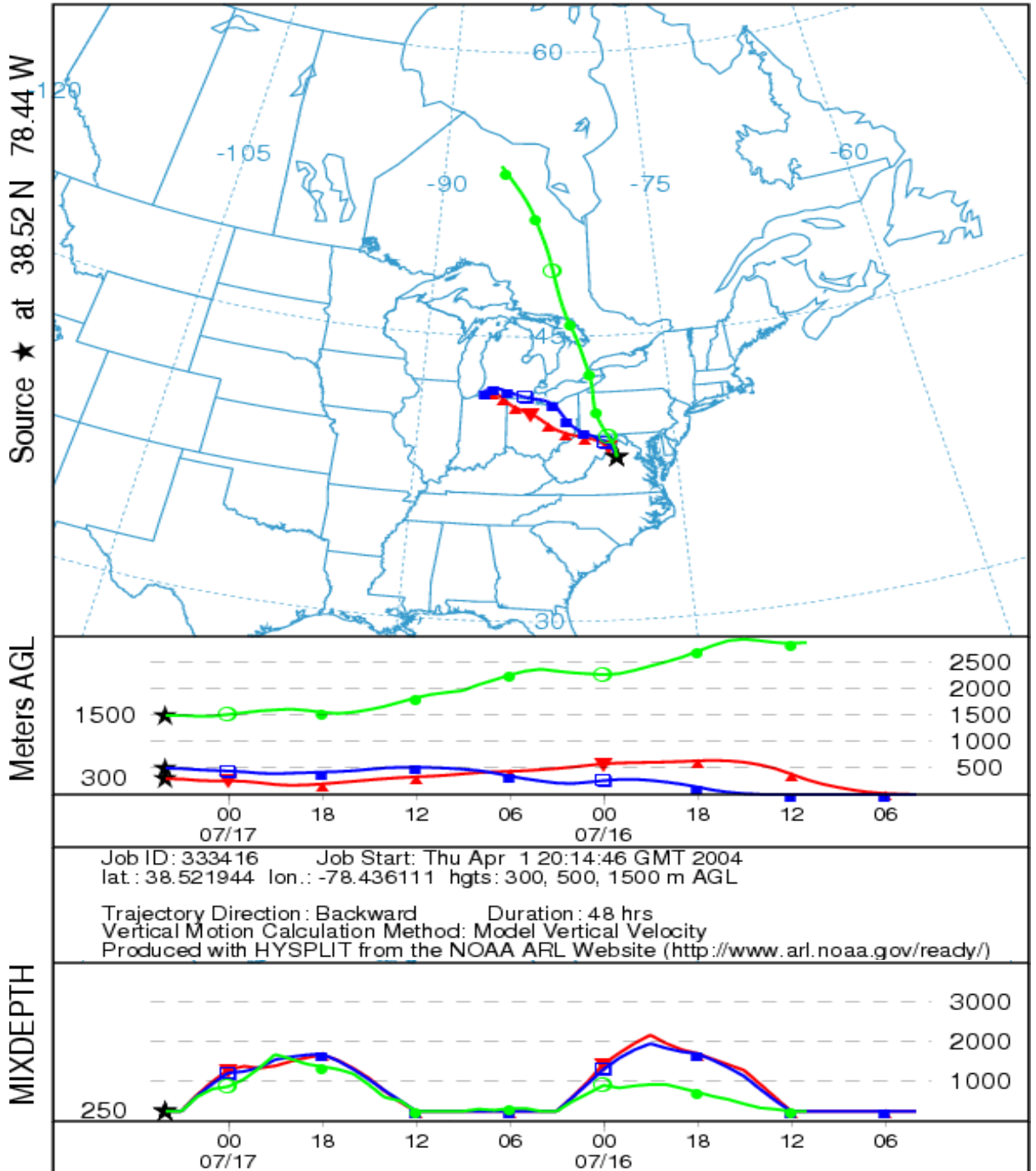
MIXDEPTH



**2300 hr = 03 UTC = 83 ppb**



NOAA HYSPLIT MODEL  
 Backward trajectories ending at 04 UTC 17 Jul 02  
 EDAS Meteorological Data



**2400 hr = 04 UTC = 80 ppb**