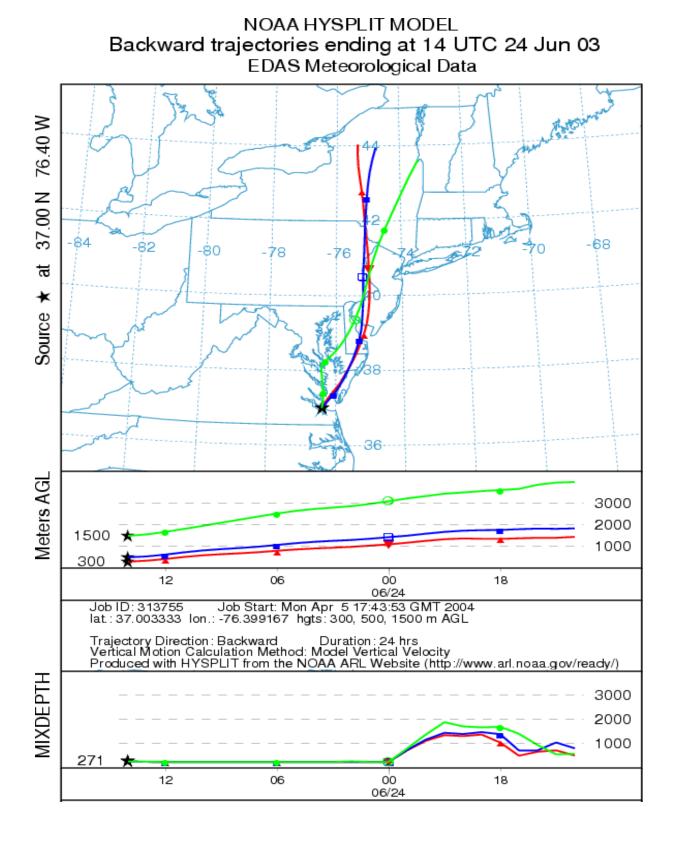
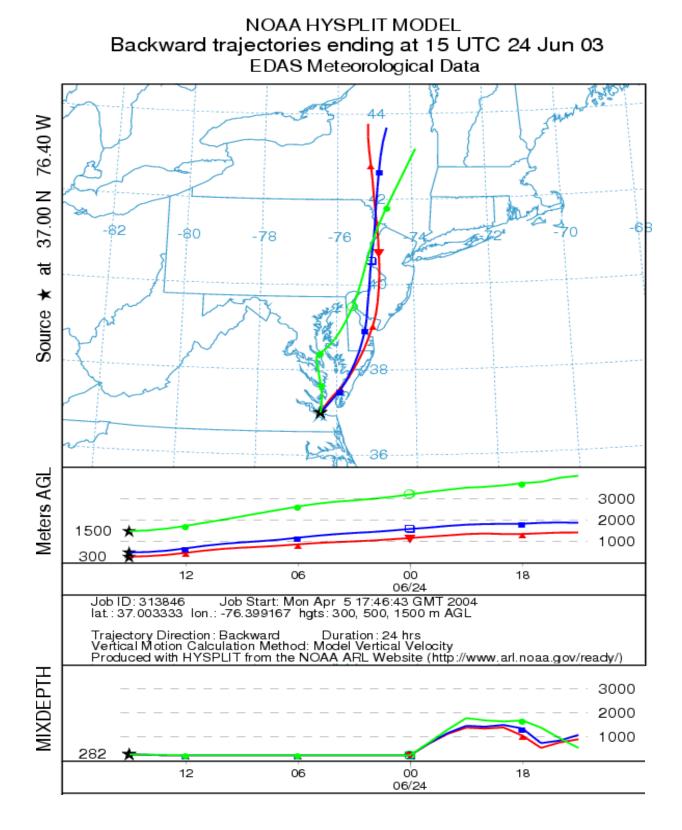
Attachment D – 8-hour Ozone Designations Docket

Hampton Roads, VA Site ID 516500001

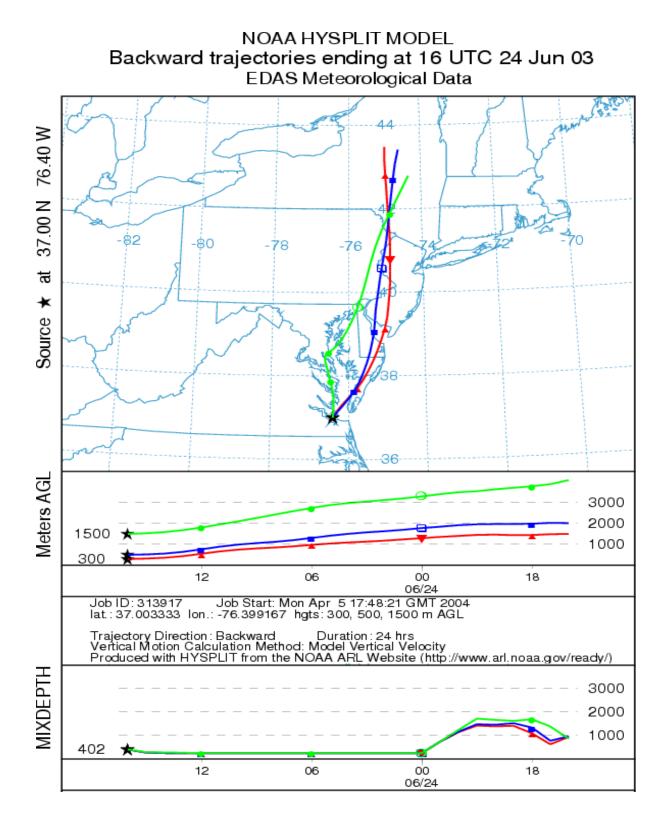
 2003 back trajectories for June 24, 2003, collection hour beginning at 1000 hr (14 UTC)



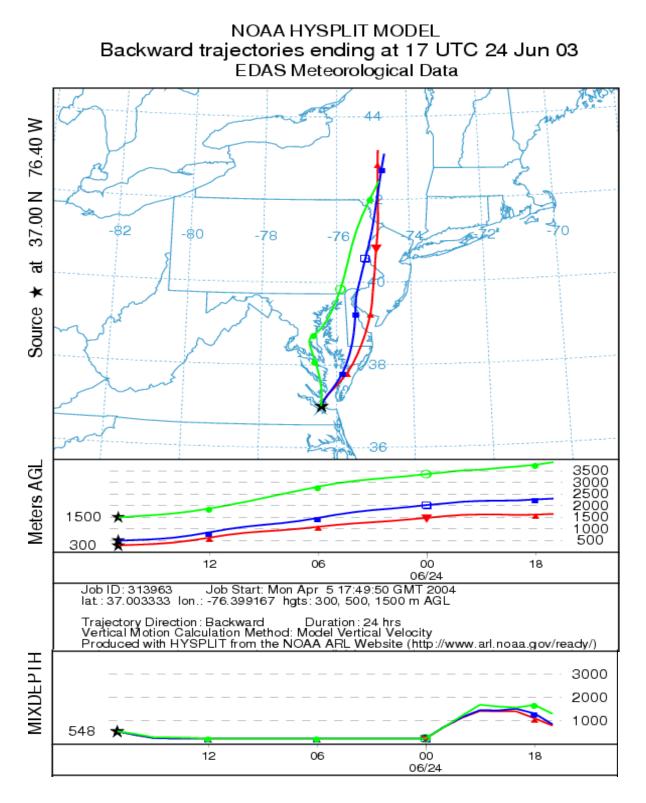
1000 hr = 14 UTC = 69 ppb



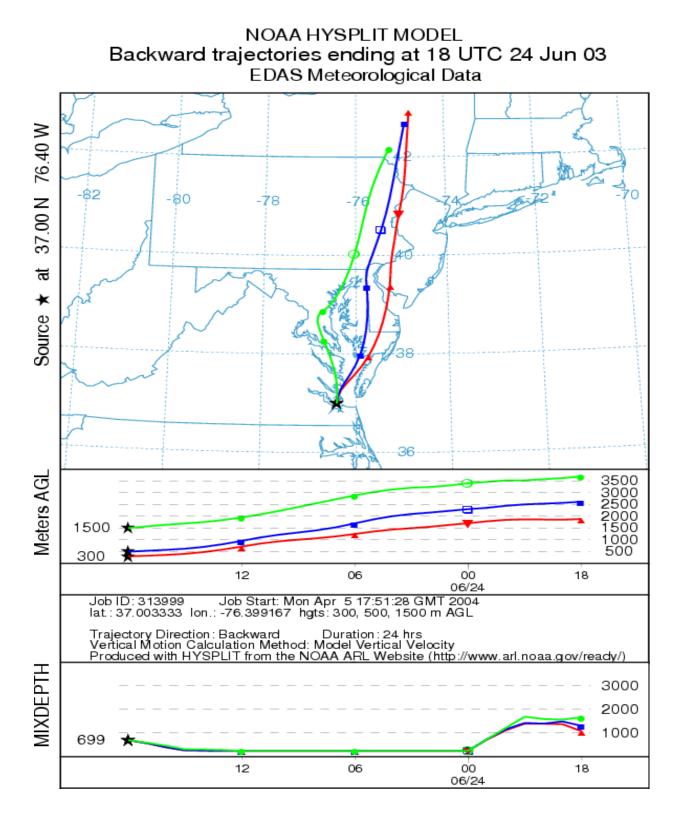
1100 hr = 15 UTC = 72 ppb



1200 hr = 16 UTC = 76 ppb



1300 hr = 17 UTC = 91 ppb

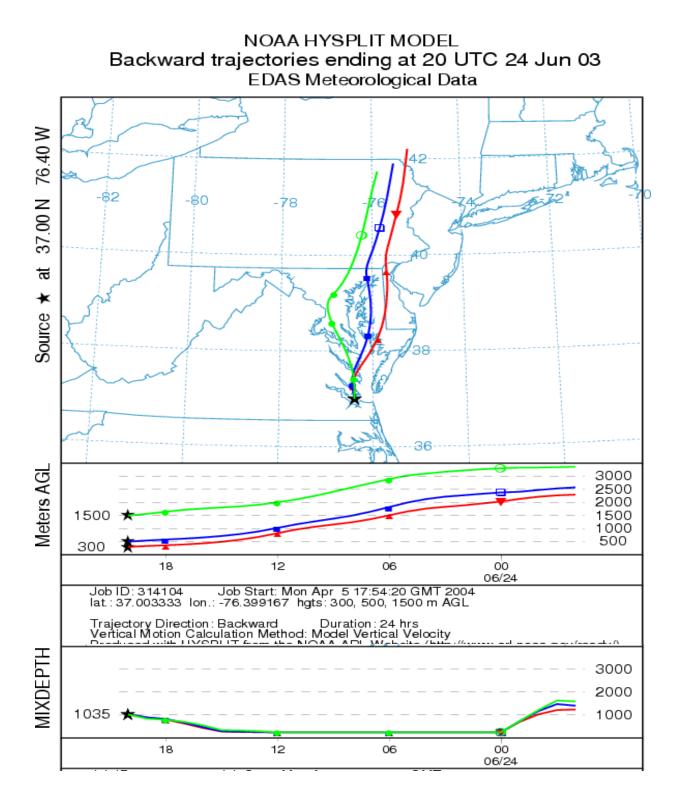


1400 hr = 18 UTC = 96 ppb

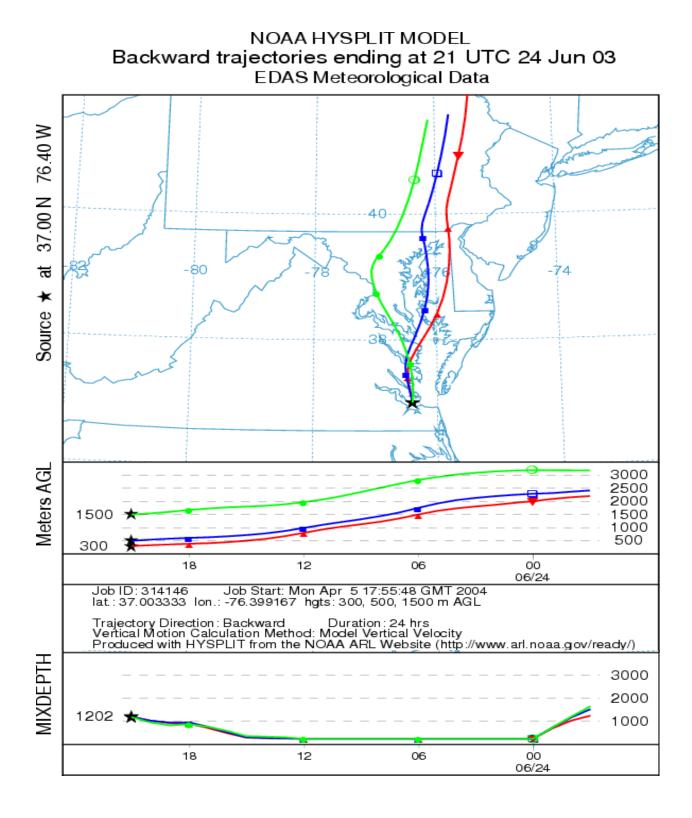
37.00 N 76.40 W -82 -80 -78 at ᡟ Source 36 3500 3000 2500 Meters AGL 2000 1500 1500 1000 500 300 18 12 06 οo 06/24 Job ID: 314063 Job Start: Mon Apr 5 17:52:56 GMT 2004 lat.: 37.003333 lon.: -76.399167 hgts: 300, 500, 1500 m AGL Trajectory Direction : Backward Duration : 24 hrs Vertical Motion Calculation Method: Model Vertical Velocity Produced with HYSPLIT from the NOAA ARL Website (http://www.arl.noaa.gov/ready/) MIXDEPTH 3000 2000 1000 866 18 12 06 ÓО 06/24

NOAA HYSPLIT MODEL Backward trajectories ending at 19 UTC 24 Jun 03 EDAS Meteorological Data

1500 hr = 19 UTC = 90 ppb



1600 hr = 20 UTC = 93 ppb



1700 hr = 21 UTC = 84 ppb