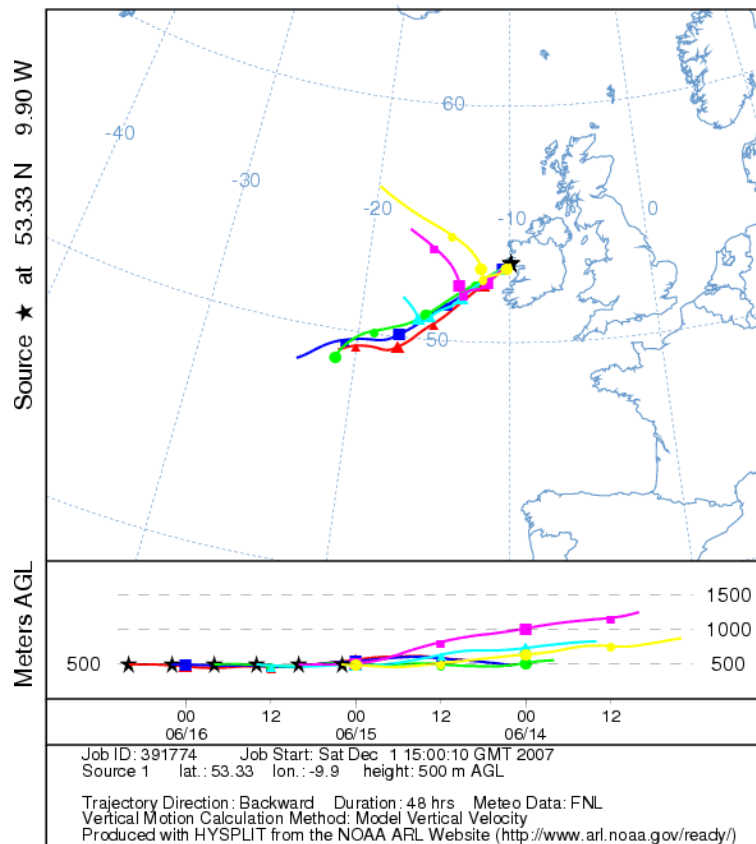


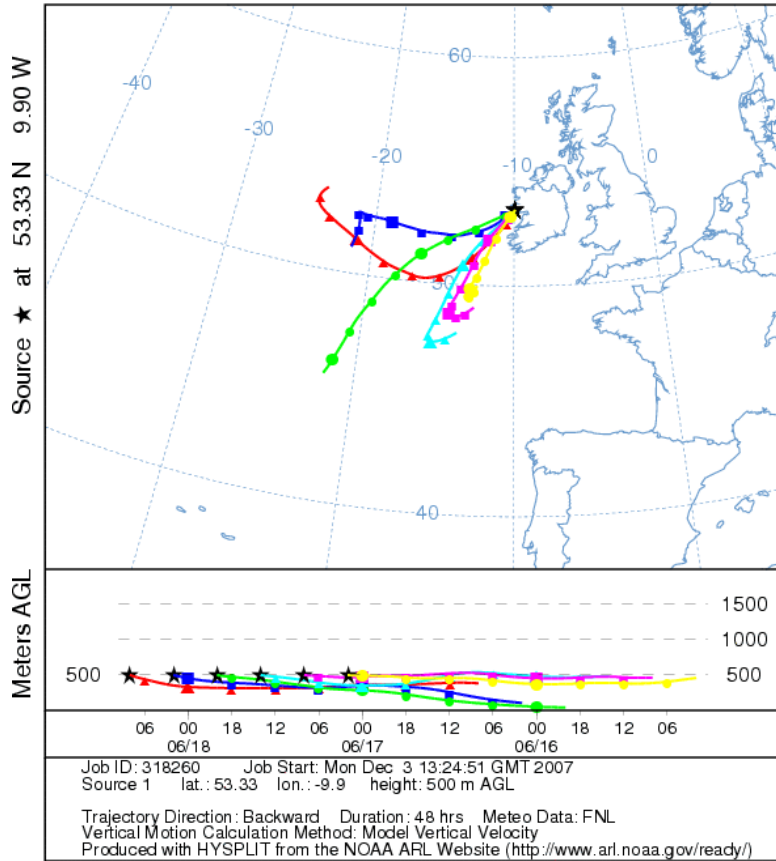
Supplementary material

NOAA HYSPLIT MODEL
Backward trajectories ending at 08 UTC 16 Jun 06
FNL Meteorological Data



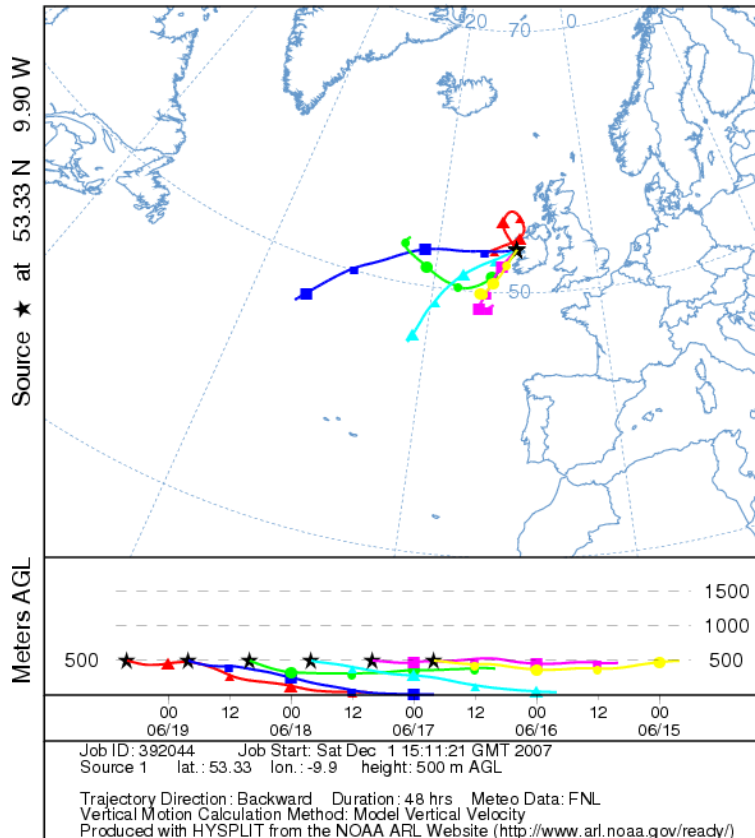
Sup. Fig. 1: Back trajectories for the 15th June samples.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 18 Jun 06
 FNL Meteorological Data

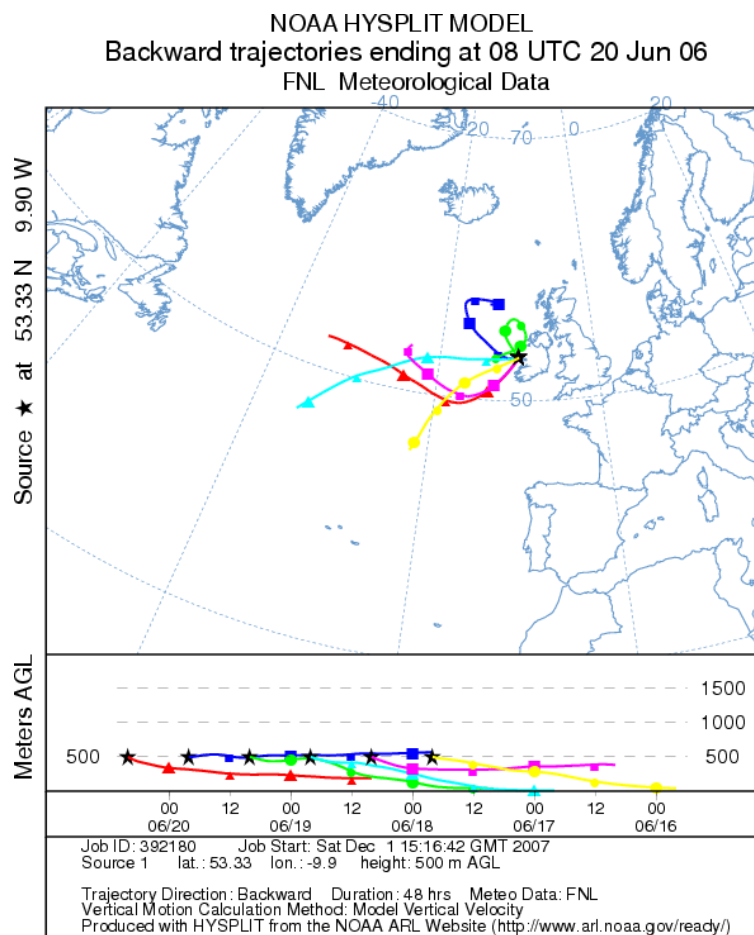


Sup. Fig. 2: Back trajectories for samples from the 17th June.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 19 Jun 06
 FNL Meteorological Data

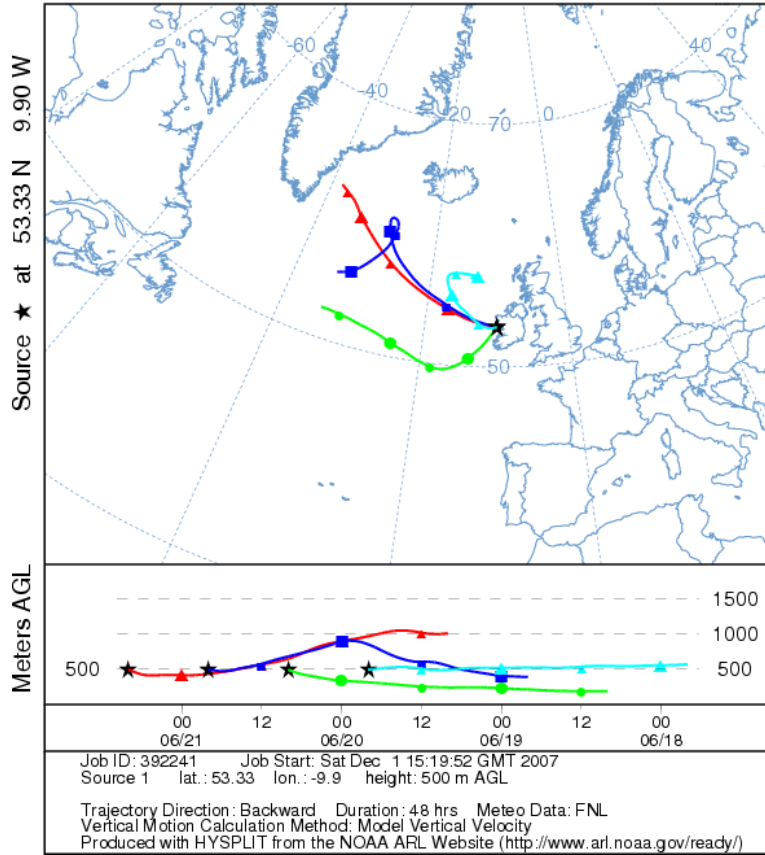


Sup. Fig. 3: Back trajectories for samples from the 18th June.



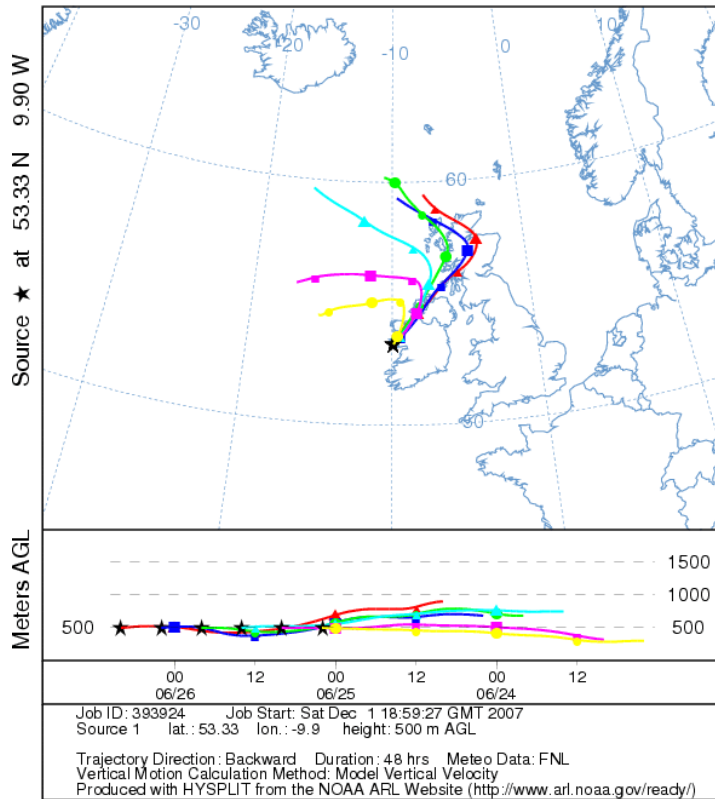
Sup. Fig. 4: Back trajectories for samples from the 19th June.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 21 Jun 06
 FNL Meteorological Data



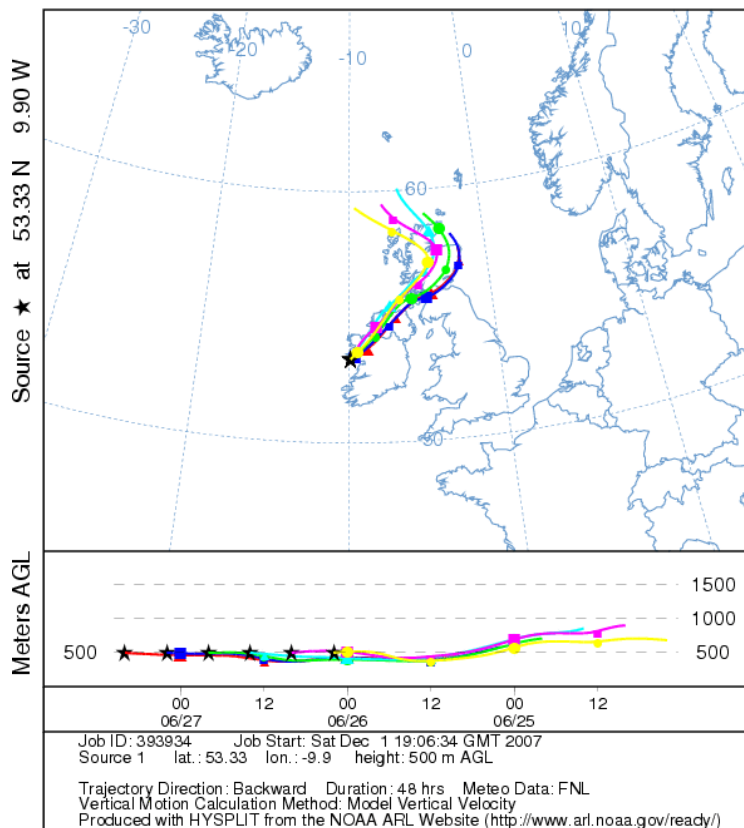
Sup. Fig. 5: Back trajectories for samples from the 20th June.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 26 Jun 06
 FNL Meteorological Data



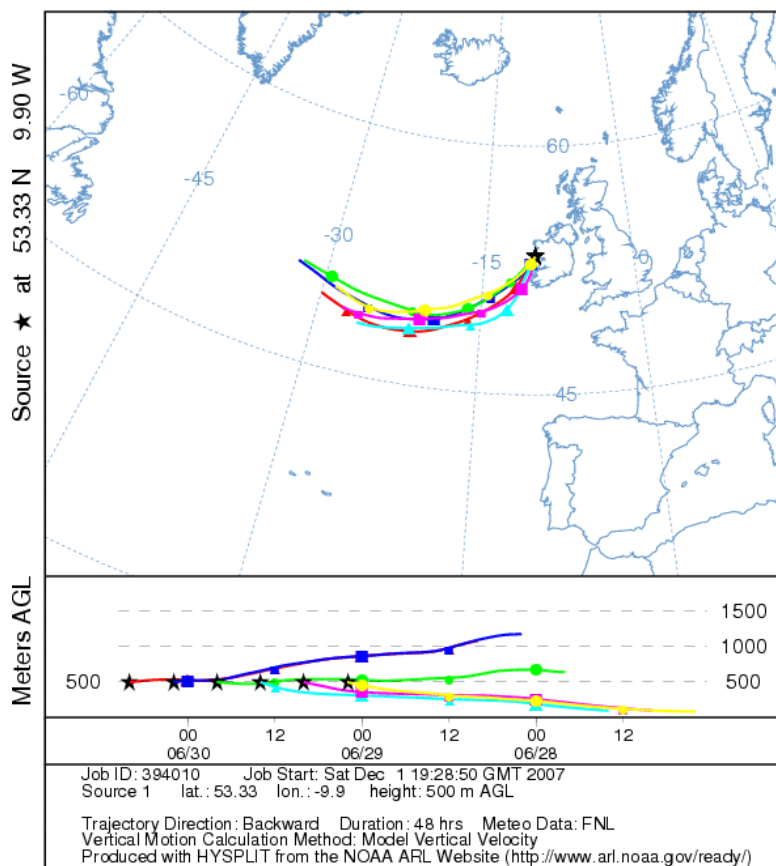
Sup. Fig. 6: Back trajectories for samples taken on the 25th June.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 27 Jun 06
 FNL Meteorological Data



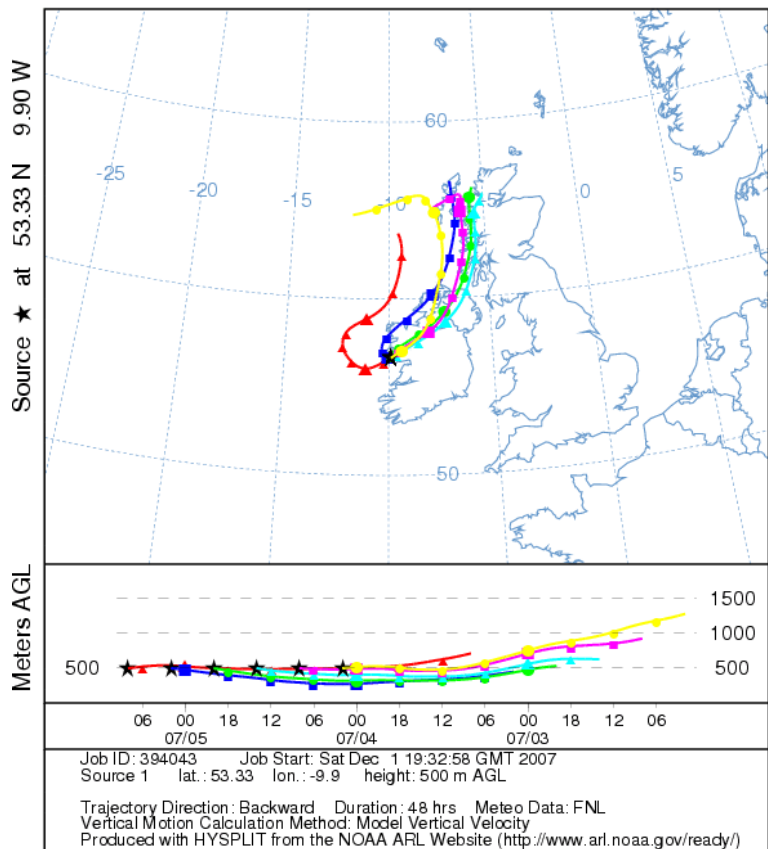
Sup. Fig. 7: Back trajectories for samples taken on the 26th June.

NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 30 Jun 06
 FNL Meteorological Data

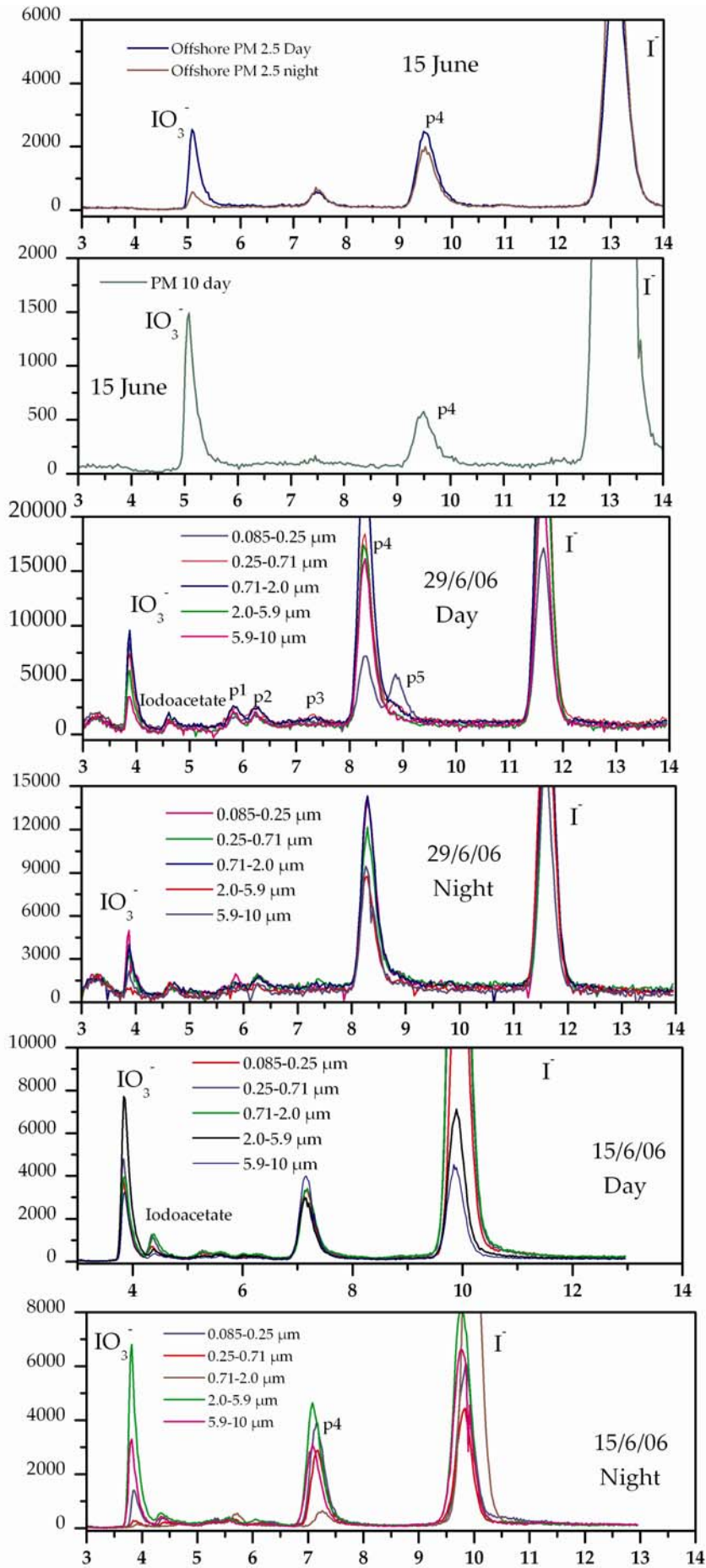


Sup. Fig. 8: Back trajectories for samples taken on the 29th June.

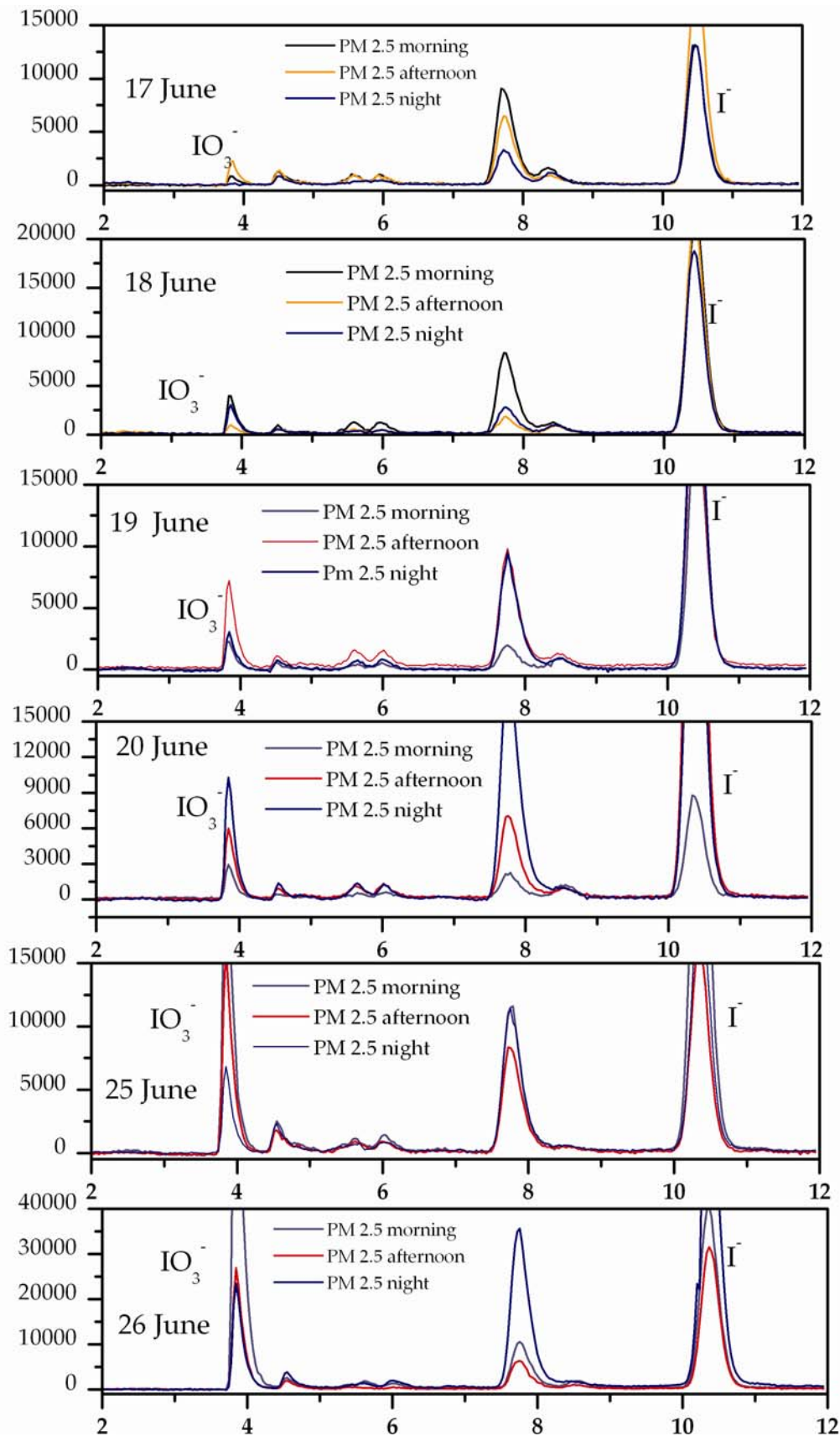
NOAA HYSPLIT MODEL
 Backward trajectories ending at 08 UTC 05 Jul 06
 FNL Meteorological Data



Sup. Fig. 9: Back trajectories for samples taken on the 4th July.



Sup. Fig. 10: IC-ICP-MS chromatograms of aerosol samples from Mace Head and offshore aboard the Celtic explorer.



Sup. Fig. 11: PM 2.5 chromatograms of aerosols from Mace Head.