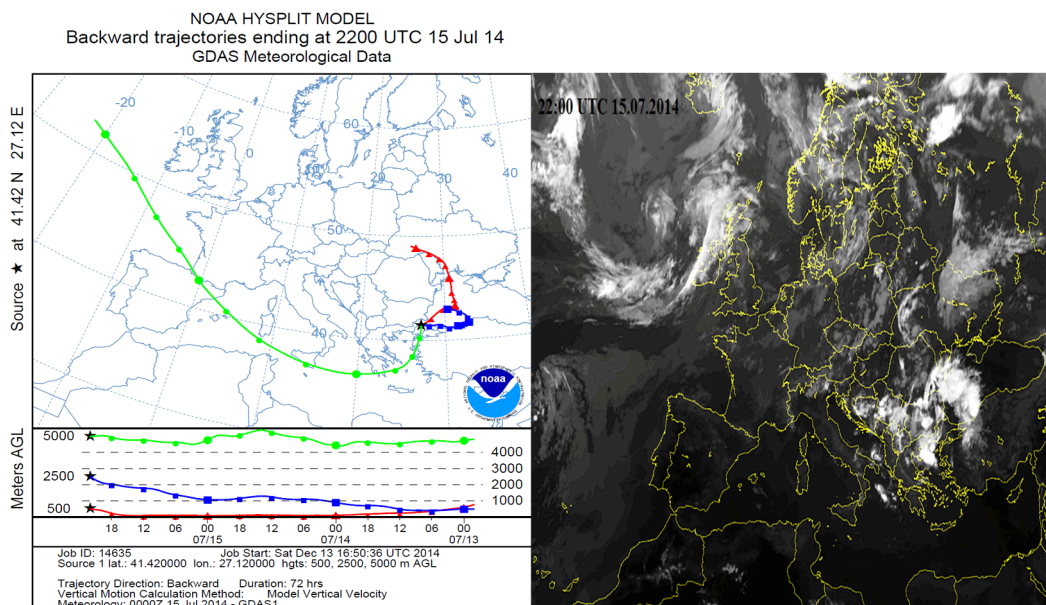


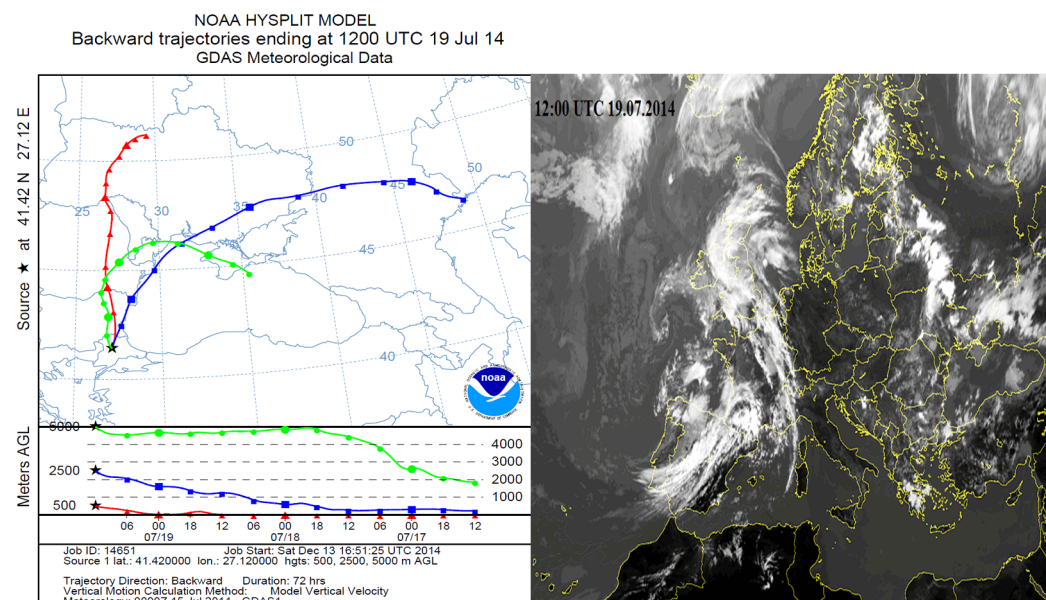
Annex A1: Back trajectories and satellite images for Kirklareli

The back trajectories are obtained by the model HYSPLIT ((HYbrid Single-Particle Lagrangian Integrated Trajectory) Model, access via NOAA ARL READY Website (<http://ready.arl.noaa.gov/HYSPLIT.php>). NOAA Air Resources Laboratory, USA. The time on the Figures is the nearest possible one to the rain starting hour.

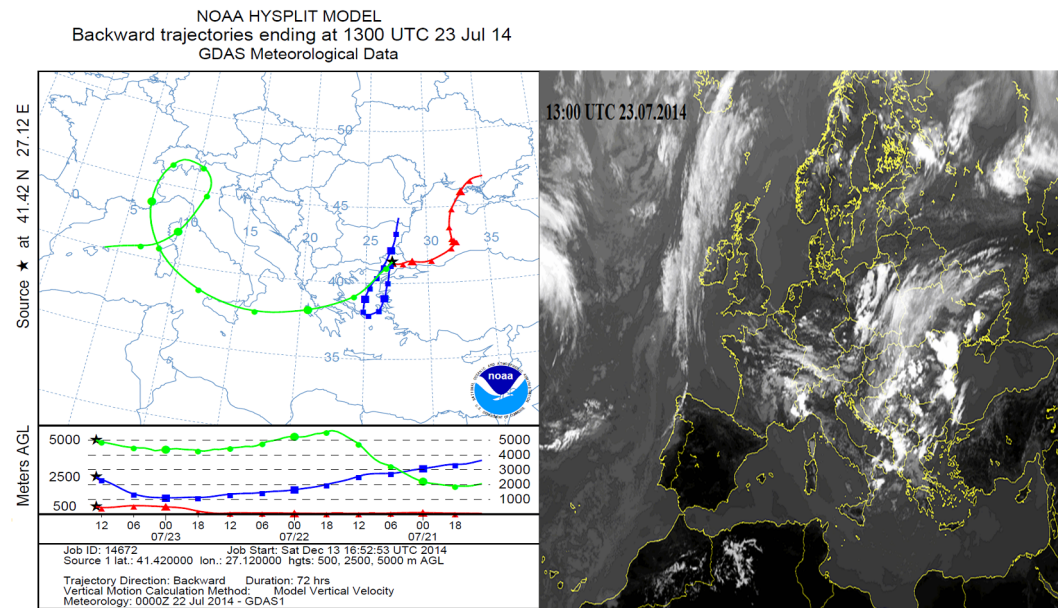
1. Kirklareli: 15.07.2014



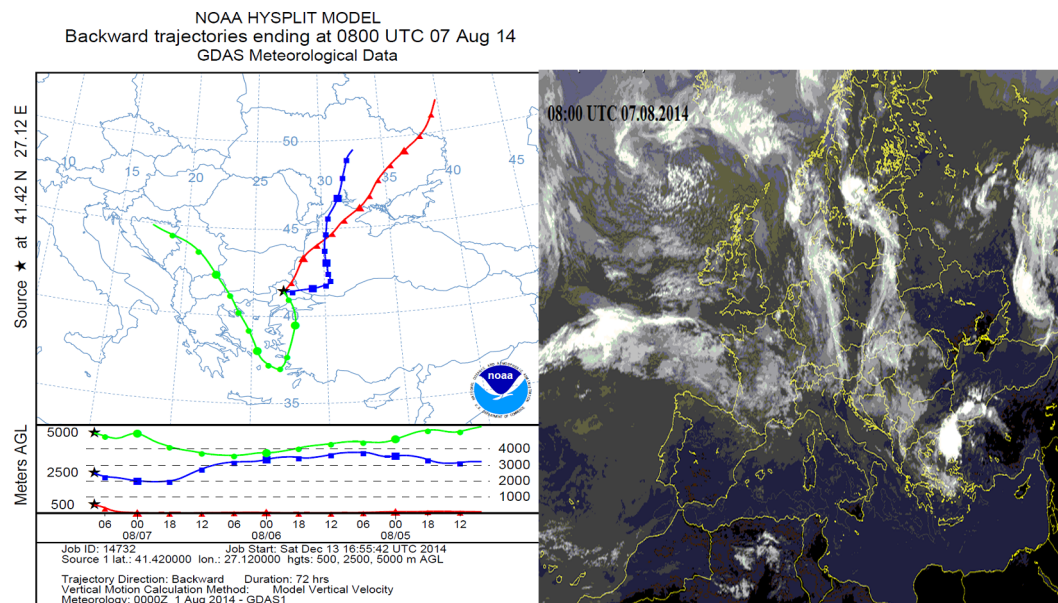
2. Kirklareli: 19.07.2014



3. Kirklareli: 23.07.2014



4. Kirklareli: 07.08.2014



5. Kirklareli: 24.08.2014

NOAA HYSPLIT MODEL
Backward trajectories ending at 1600 UTC 24 Aug 14
GDAS Meteorological Data

Source ★ at 41.42°N 27.12°E

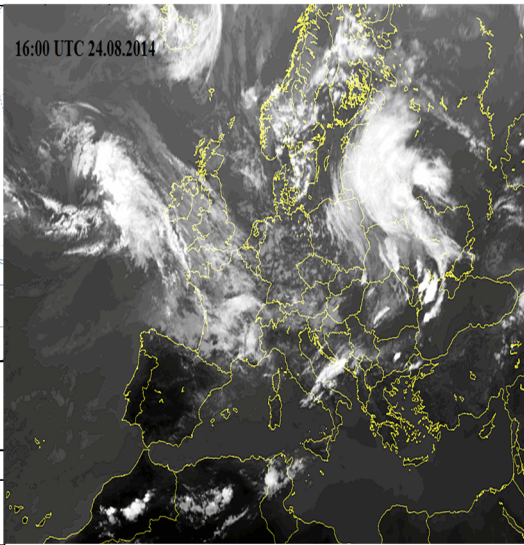
Meters AGL

5000
2500
500

12 06 00 12 06 00 12 06 00 18

08/24 08/23 08/22

Job ID: 14750 Job Start: Sat Dec 13 16:56:39 UTC 2014
Source 1 lat.: 41.420000 lon.: 27.120000 hghts: 500, 2500, 5000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 0000Z 22 Aug 2014 - GDAS1



6. Kirklareli: 03.09.2014

NOAA HYSPLIT MODEL
Backward trajectories ending at 1100 UTC 03 Sep 14
GDAS Meteorological Data

Source ★ at 41.42 N 27.12 E

NOAA

Meters AGL

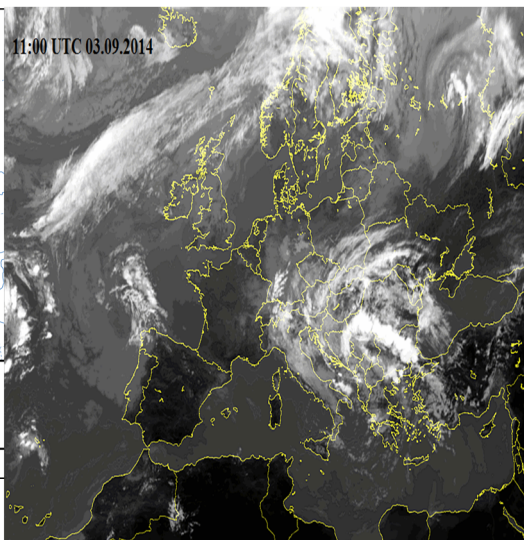
5000
2500
500

4000
3000
2000
1000

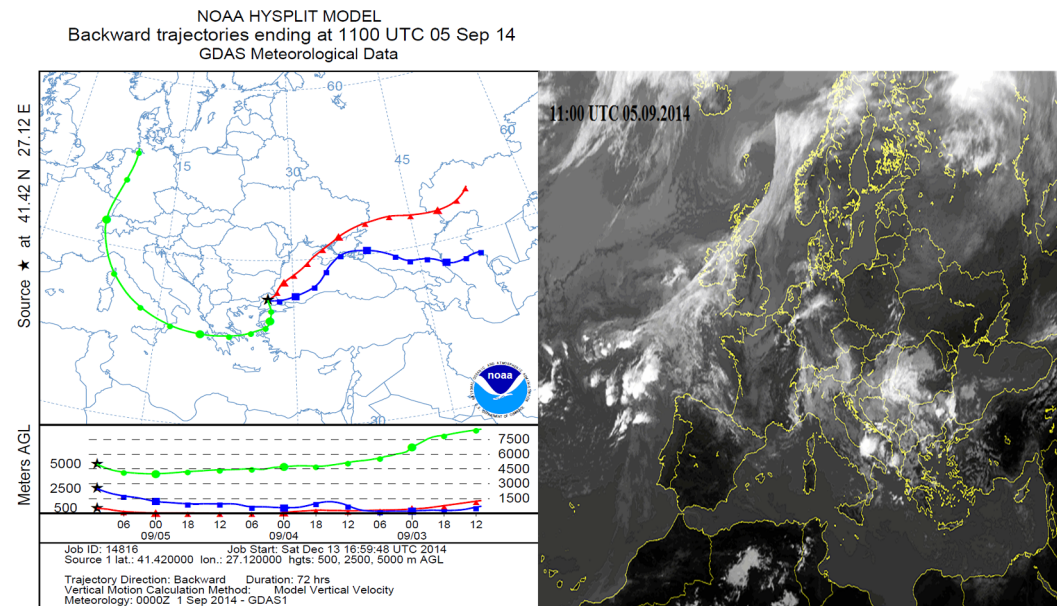
06 00 18 12 06 00 18 12 06 00 18 12

09/03 09/03 09/01

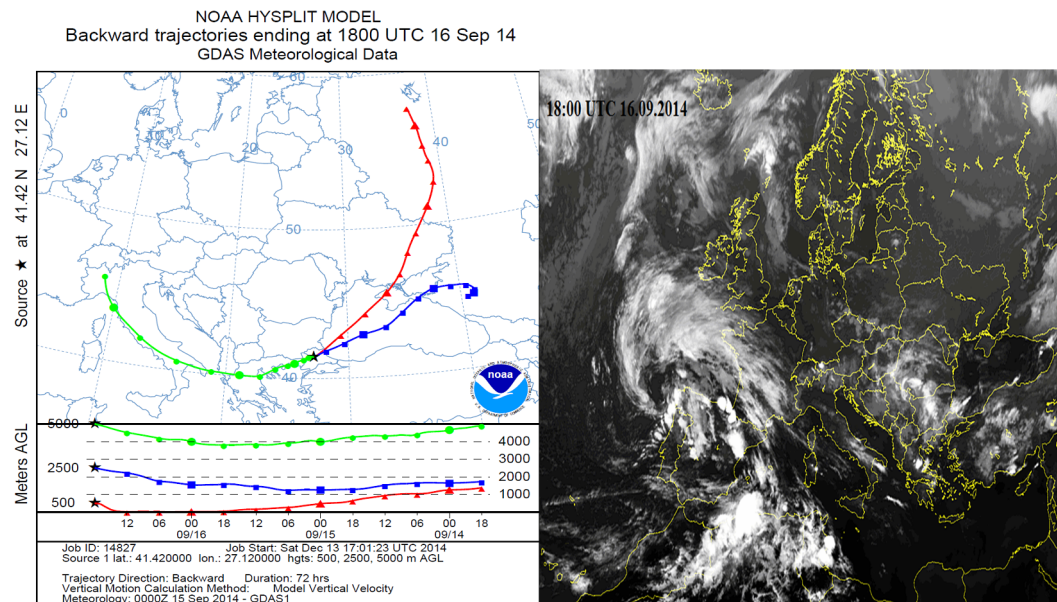
Job ID: 14789 Job Start: Sat Dec 13 16:58:29 UTC 2014
Source 1 lat.: 41.420000 lon.: 27.120000 hghts: 500, 2500, 5000 m AGL
Trajectory Direction: Backward Duration: 72 hrs
Vertical Motion Calculation Method: Model Vertical Velocity
Meteorology: 00002 1 Sep 2014 - GDAS1



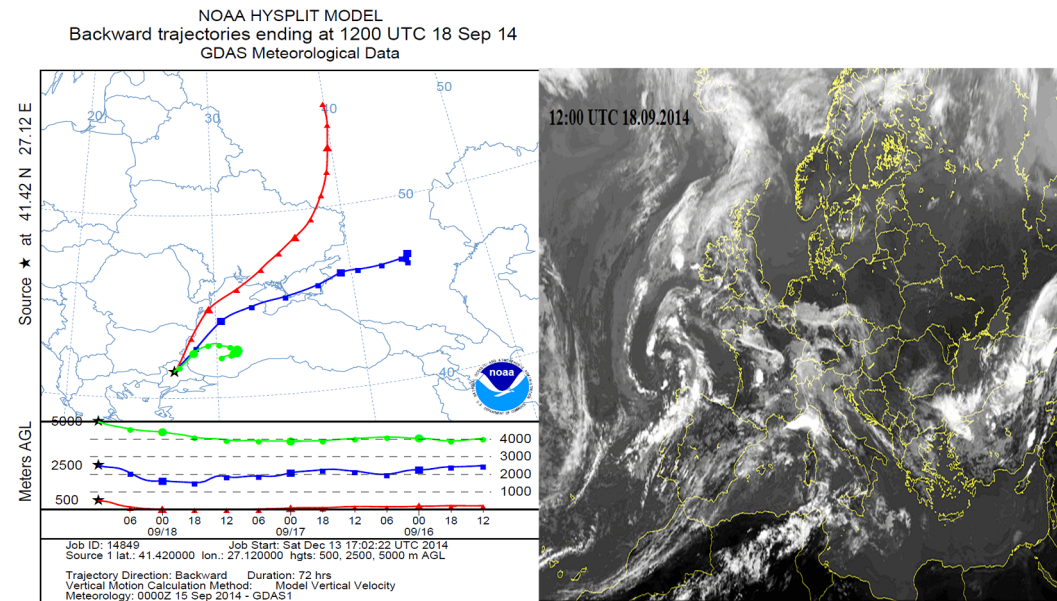
7. Kirklareli: 05.09.2014



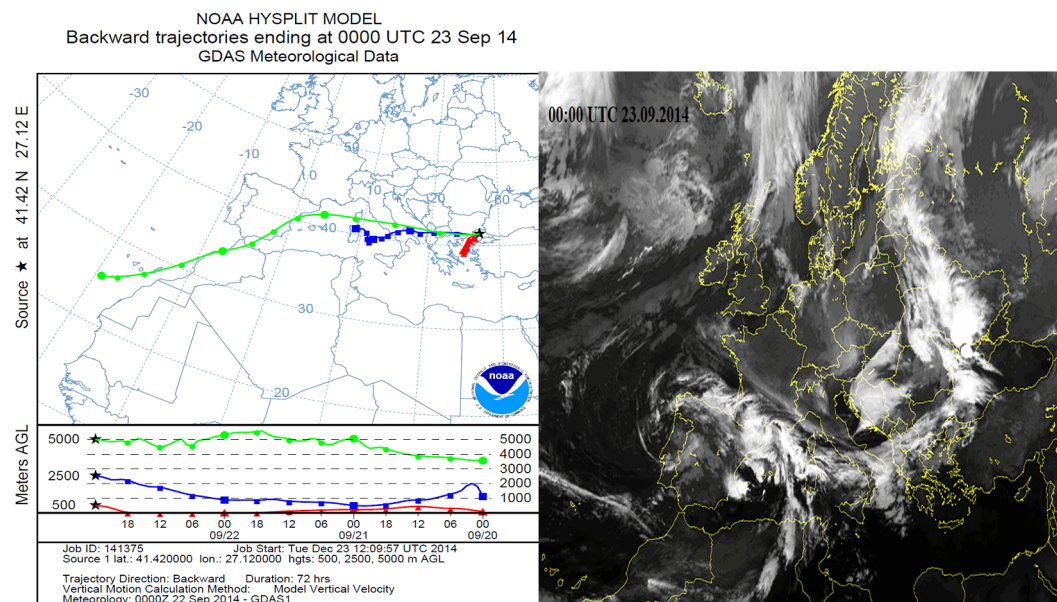
8. Kirklareli: 16.09.2014



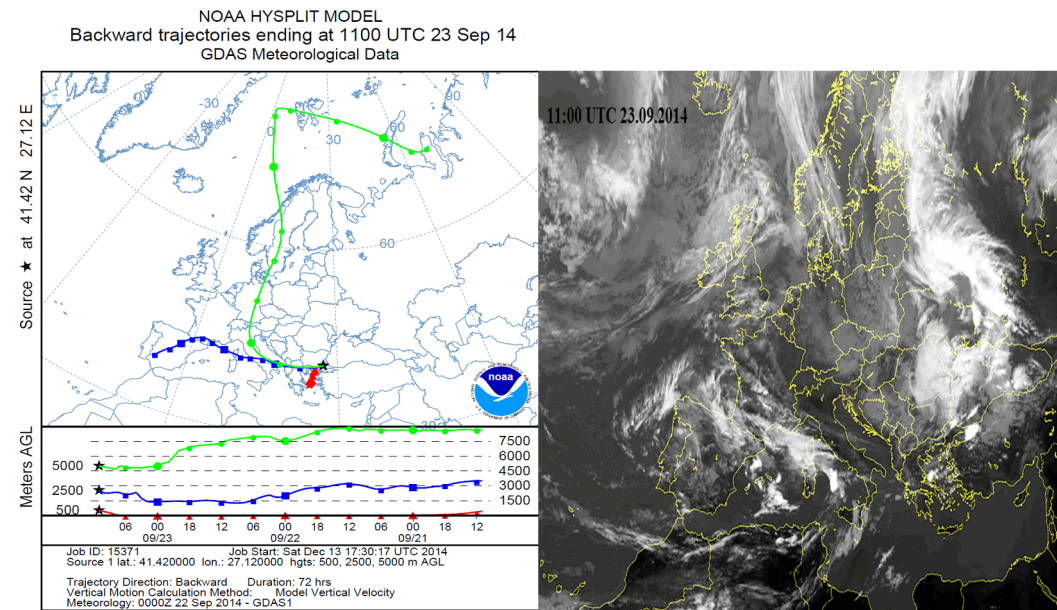
9. Kirklareli: 18.09.2014



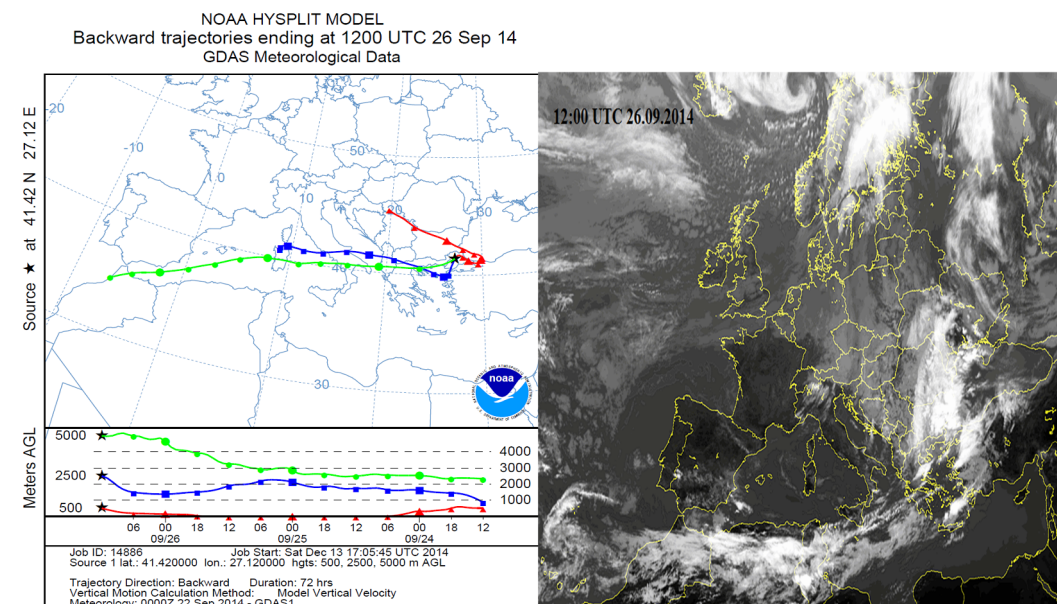
10. Kirklareli: 23.09.2014



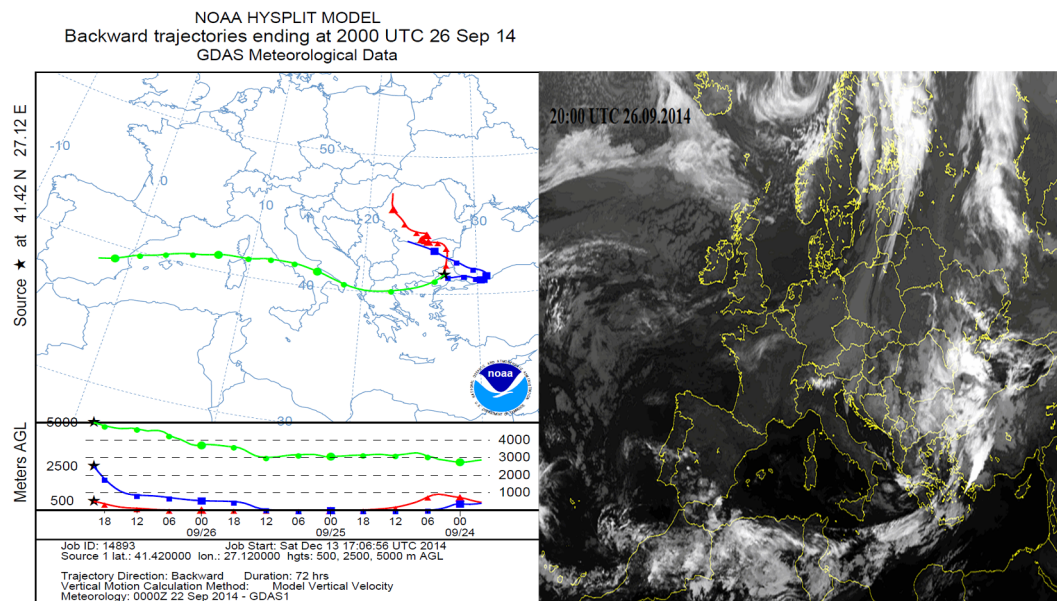
11. Kirklareli: 23.09.2014



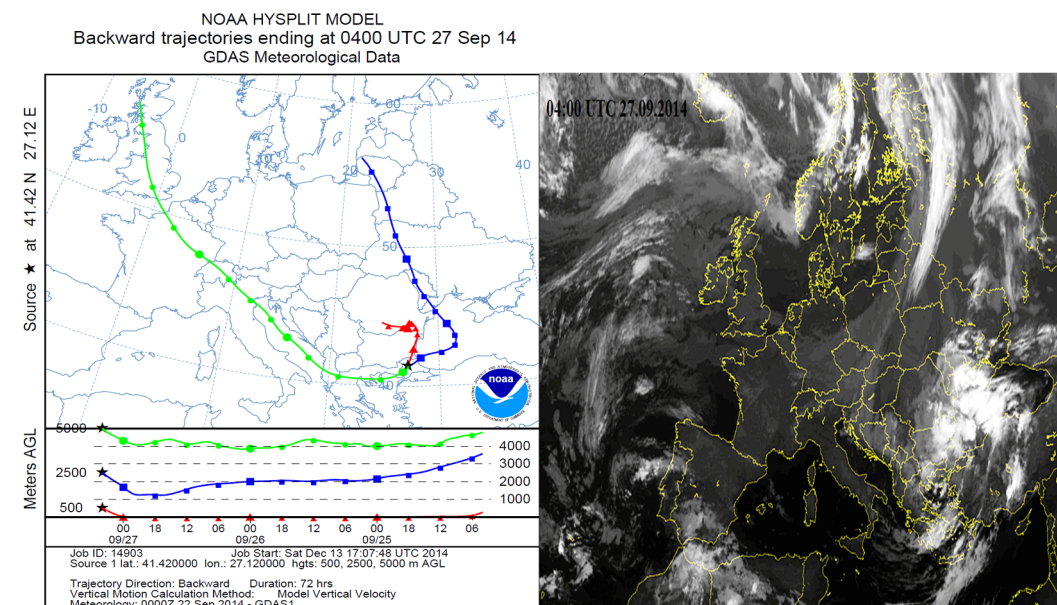
12. Kirklareli: 26.09.2014



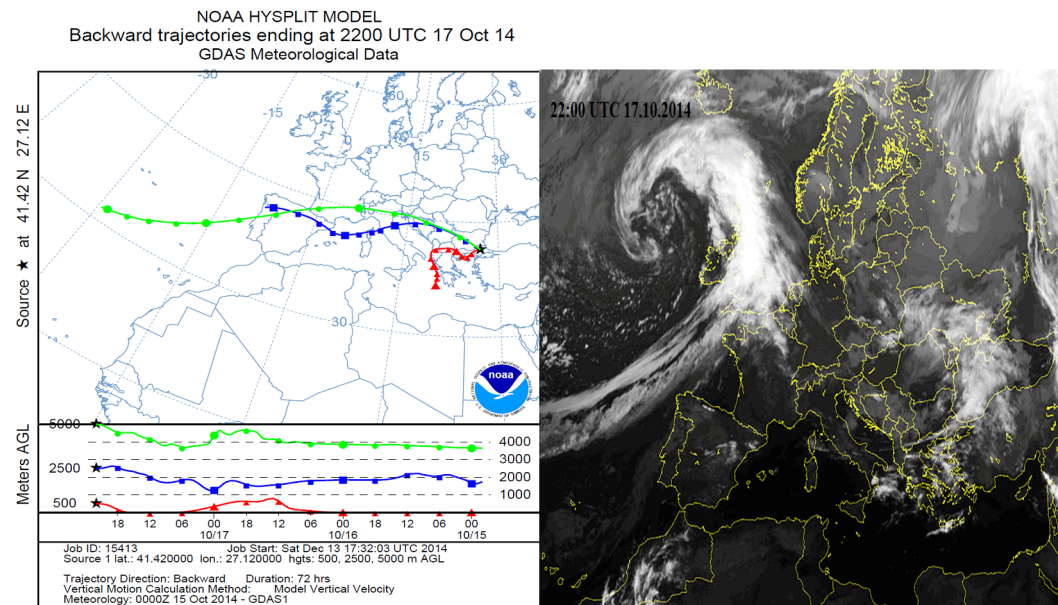
13. Kırklareli: 26.09.2014



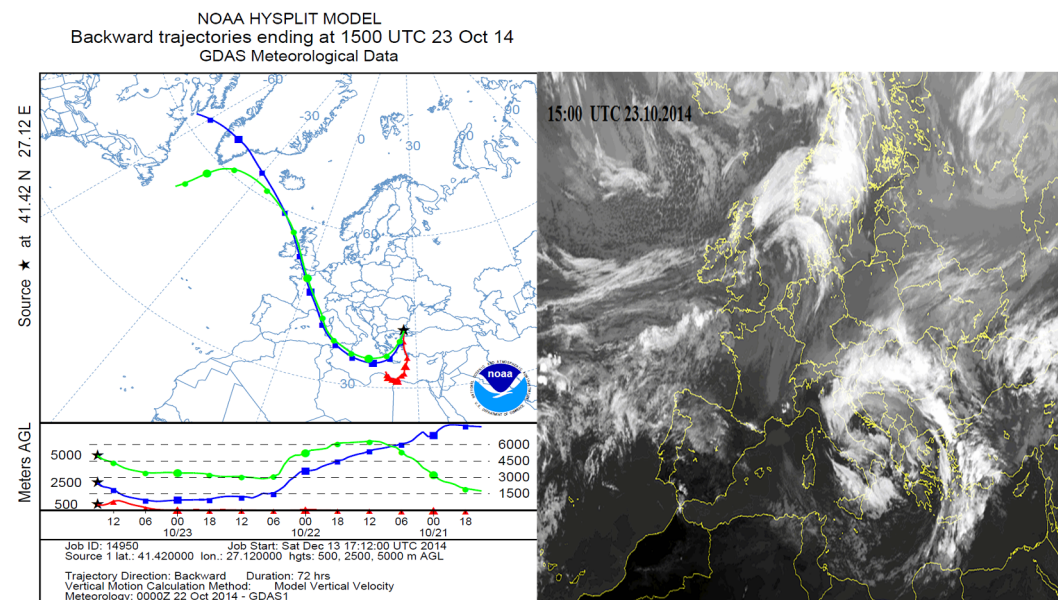
14. Kırklareli: 27.09.2014



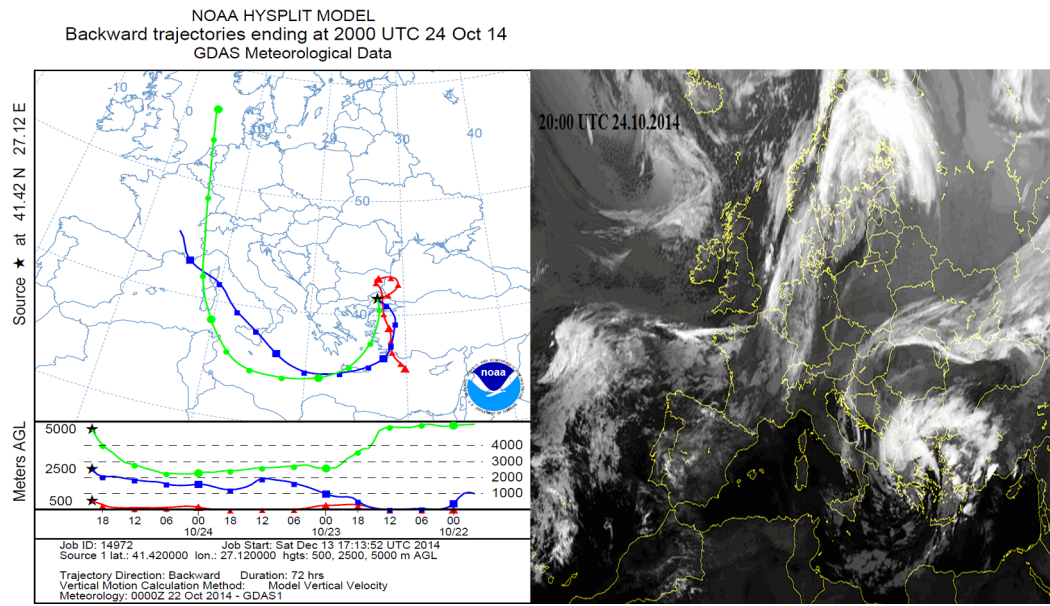
15. Kirklareli: 17.10.2014



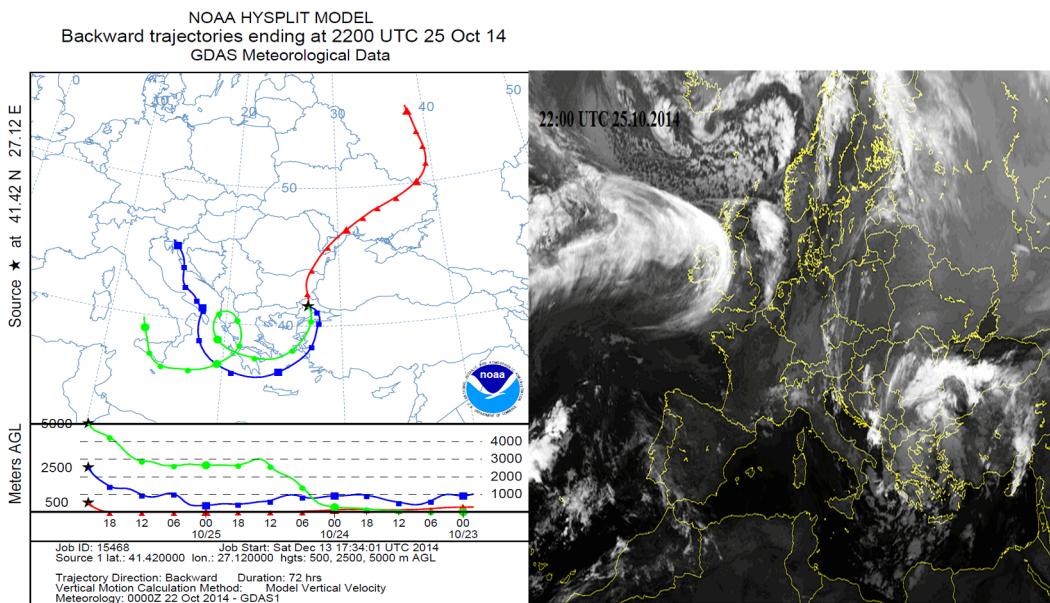
16. Kirklareli: 23.10.2014



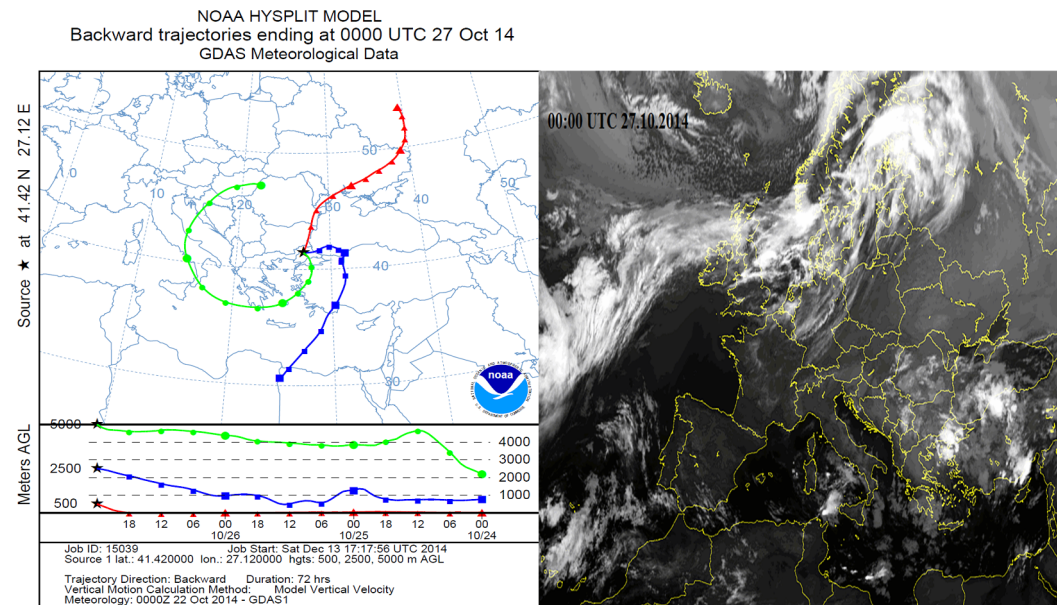
17. Kirklareli: 24.10.2014



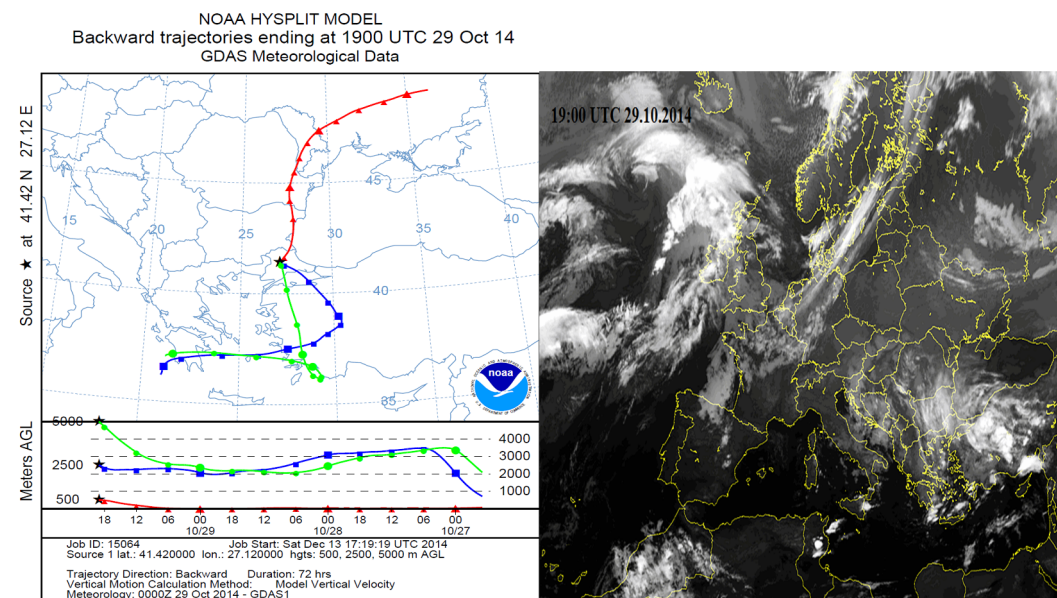
18. Kirklareli: 25.10.2014



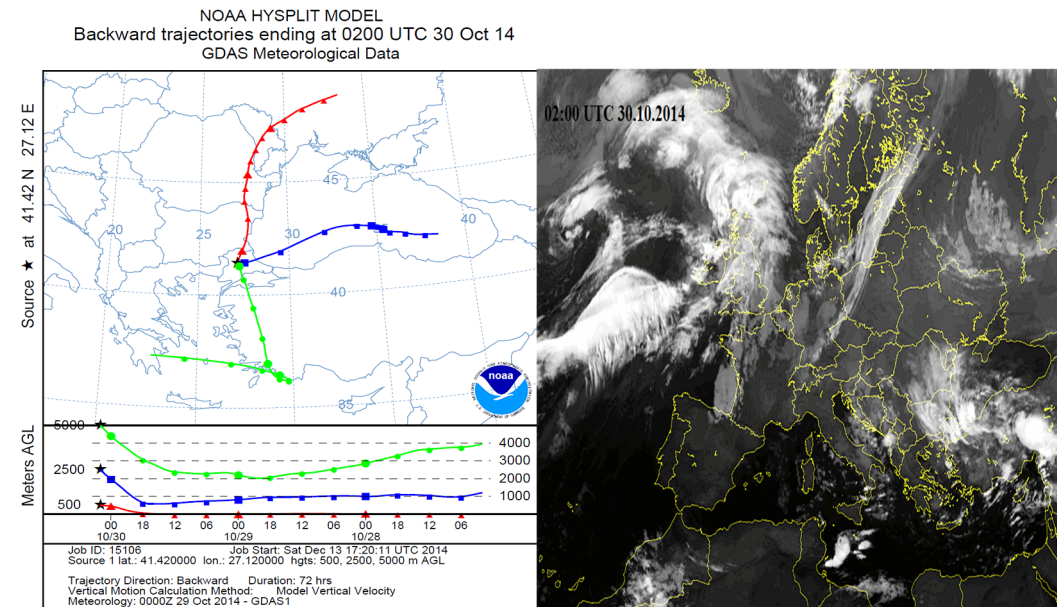
19. Kirklareli: 27.10.2014



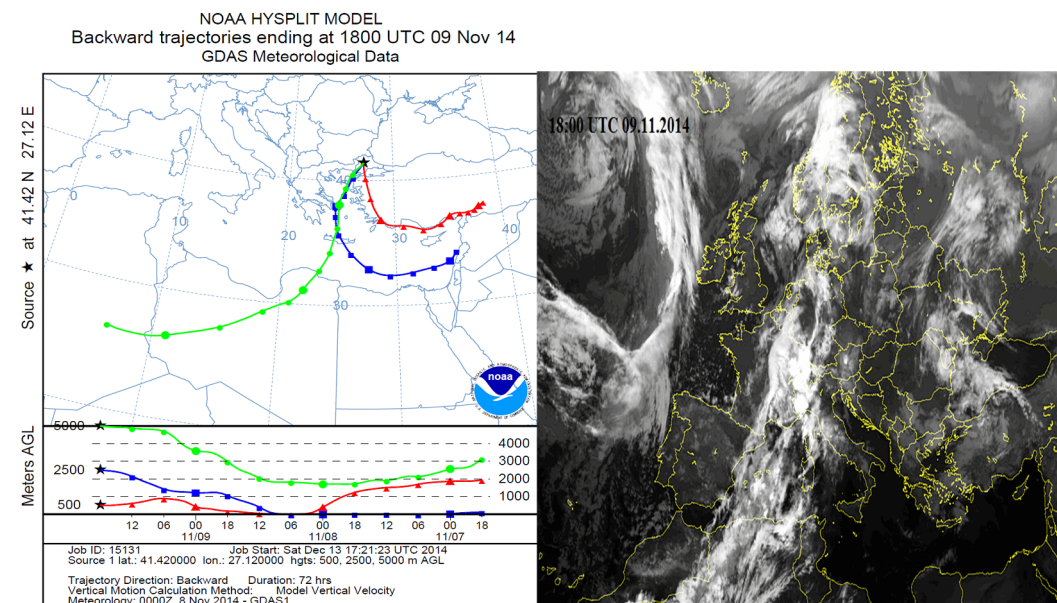
20. Kirklareli: 29.10.2014



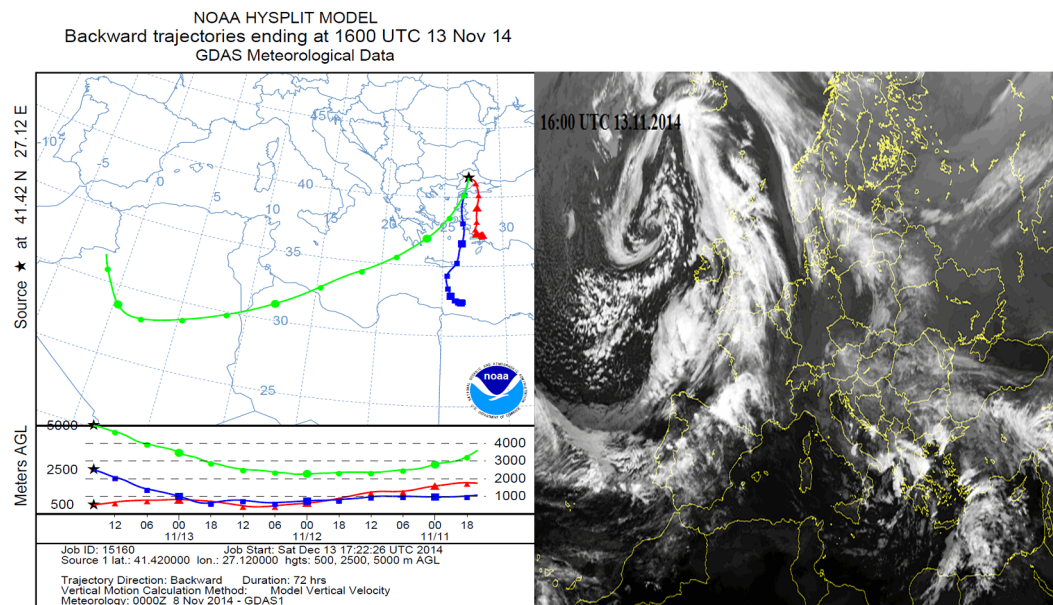
21. Kirklareli: 30.10.2014



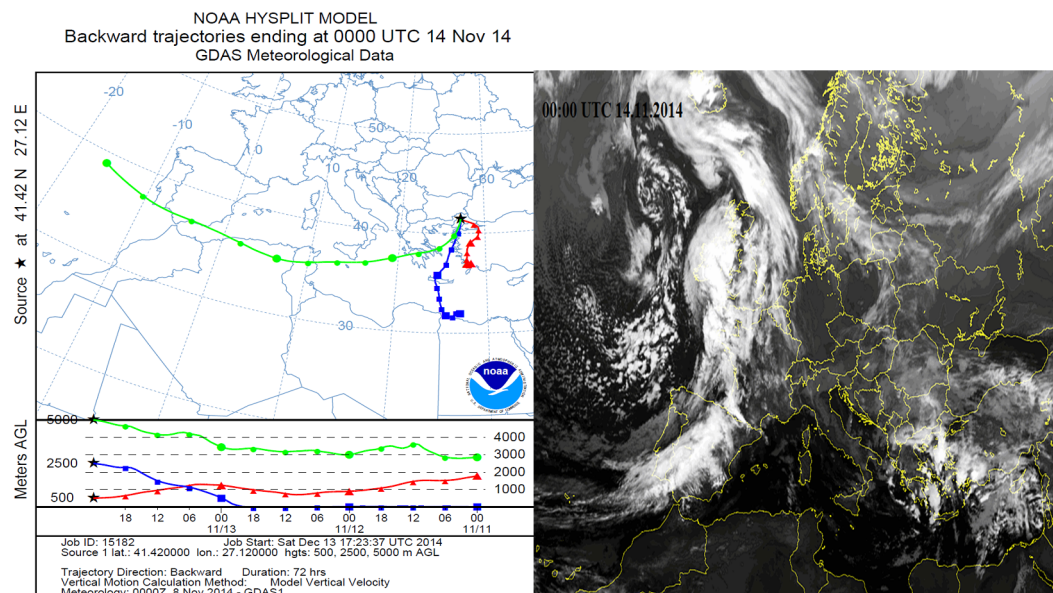
22. Kirklareli: 09.11.2014



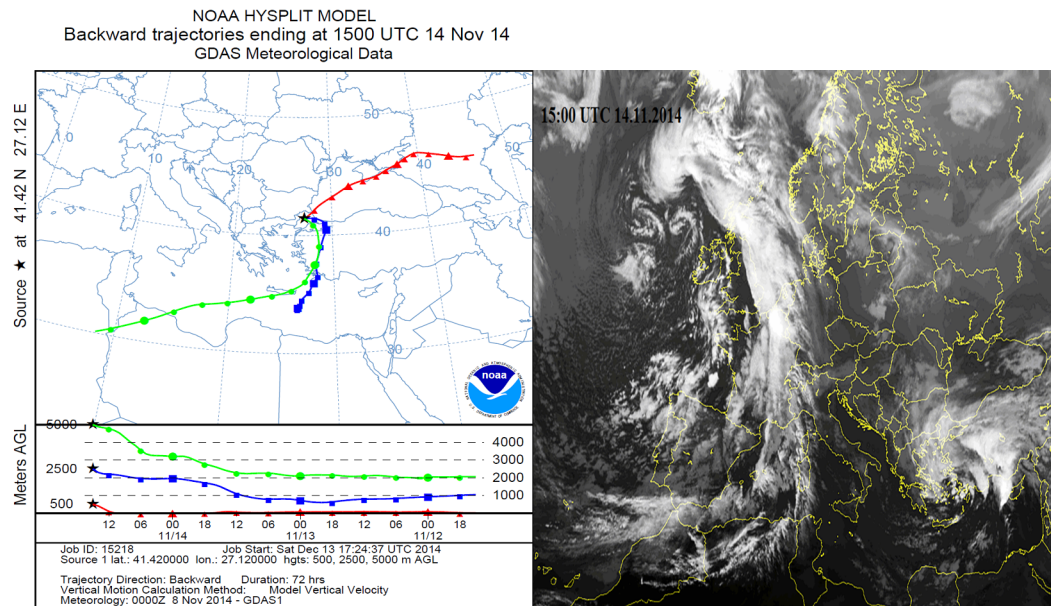
23. Kirklareli: 13.11.2014



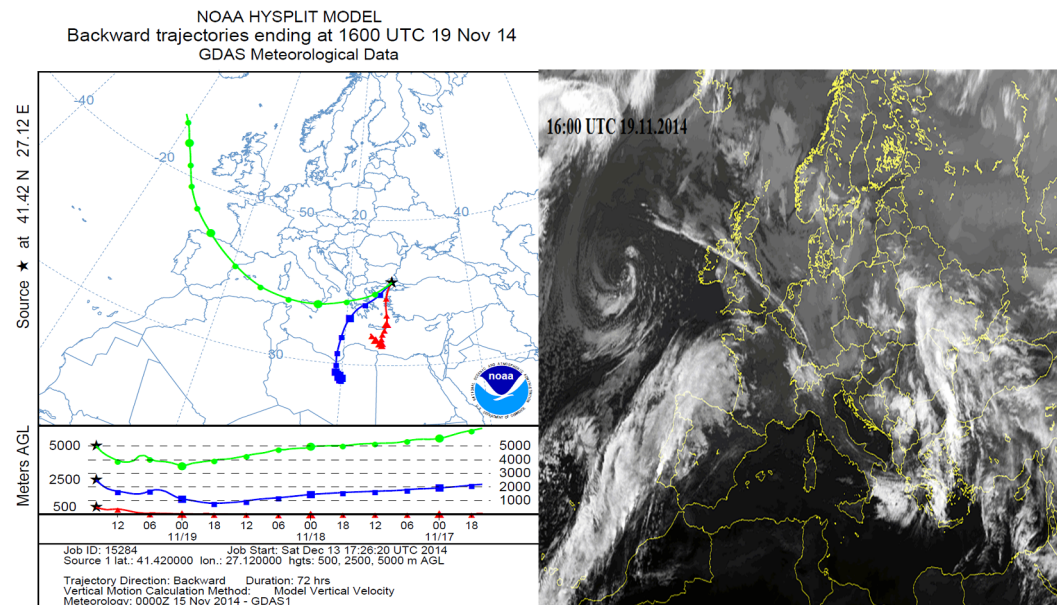
24. Kirklareli: 14.11.2014



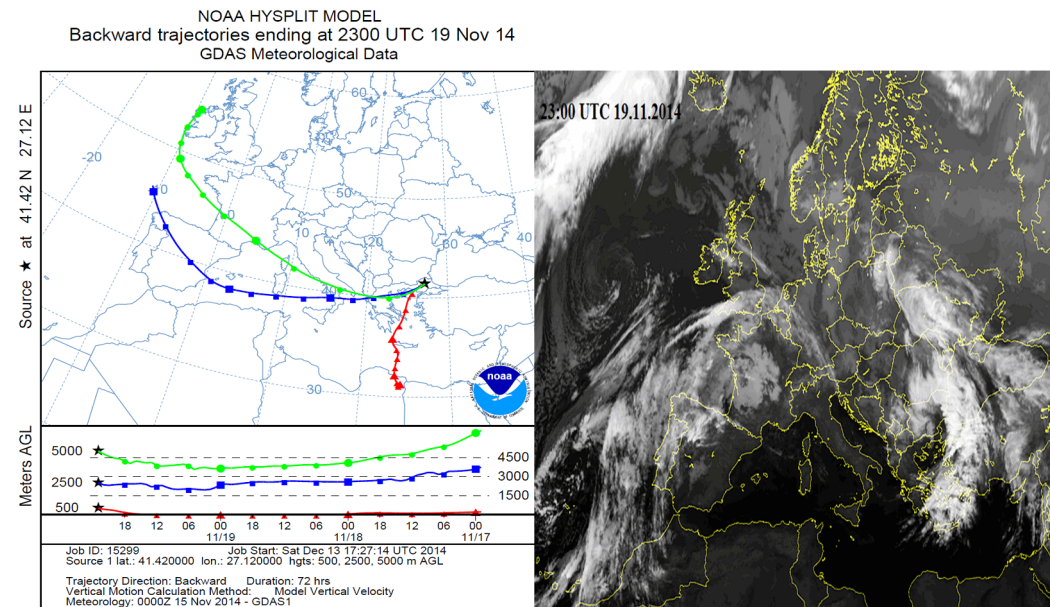
25. Kirklareli: 14.11.2014



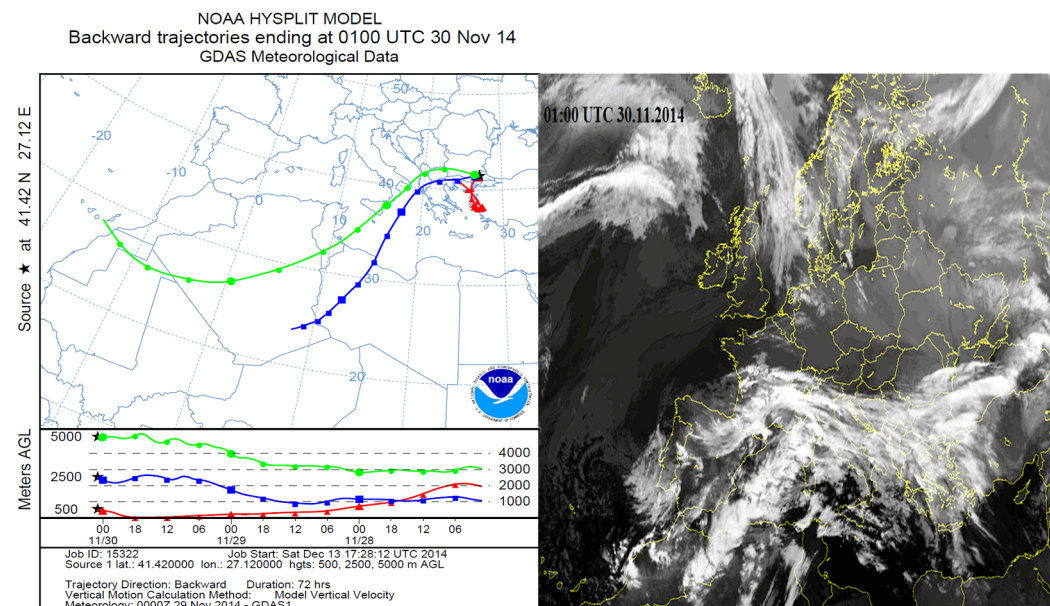
26. Kirklareli: 19.11.2014



27. Kirklareli: 19.11.2014



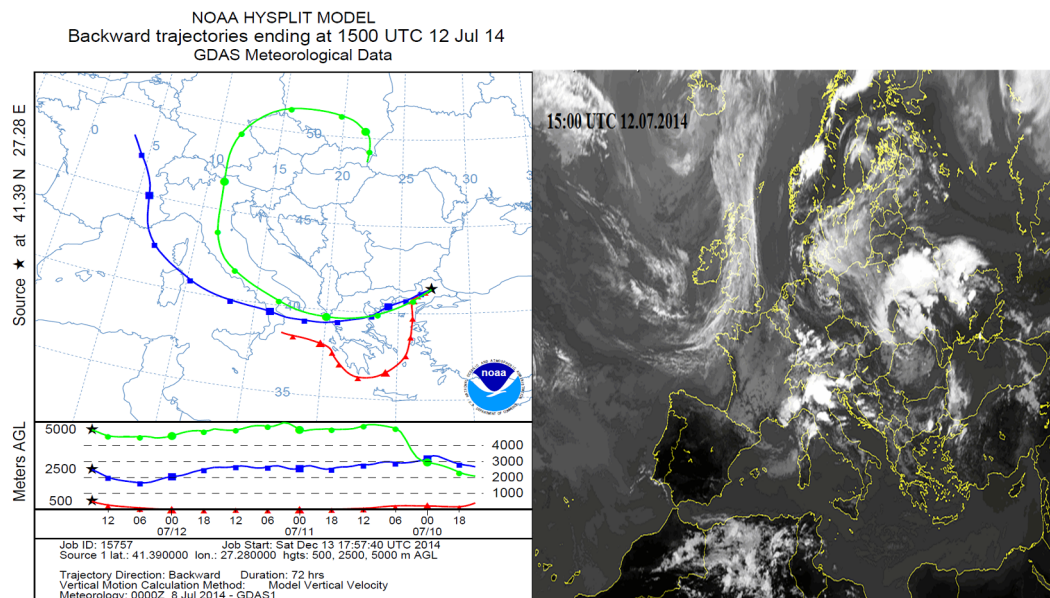
28. Kirklareli: 30.11.2014



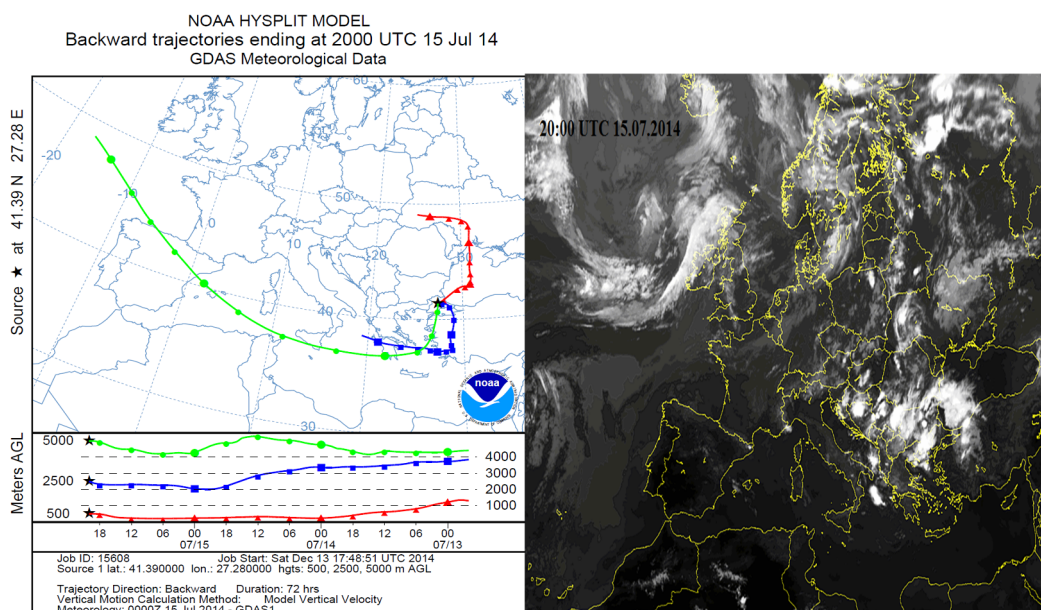
Annex A2: Back trajectories and satellite images for Kaynarca

The back trajectories are obtained by the model HYSPLIT ((HYbrid Single-Particle Lagrangian Integrated Trajectory) Model , access via NOAA ARL READY Website (<http://ready.arl.noaa.gov/HYSPLIT.php>). NOAA Air Resources Laboratory, USA. The time on the Figures is the nearest possible one to the rain starting hour.

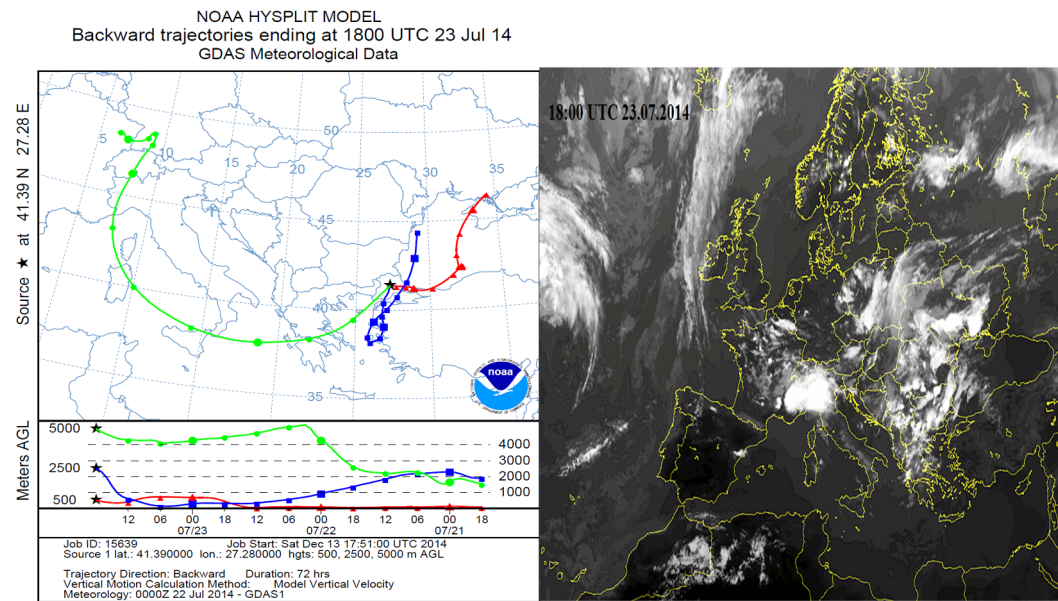
1. Kaynarca: 12.07.2014



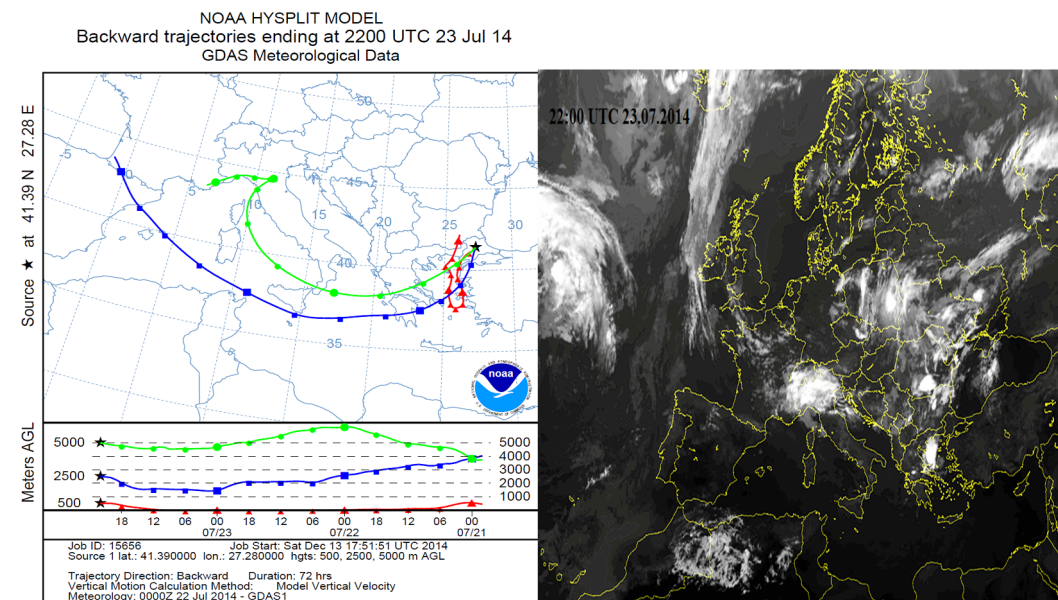
2. Kaynarca: 15.07.2014



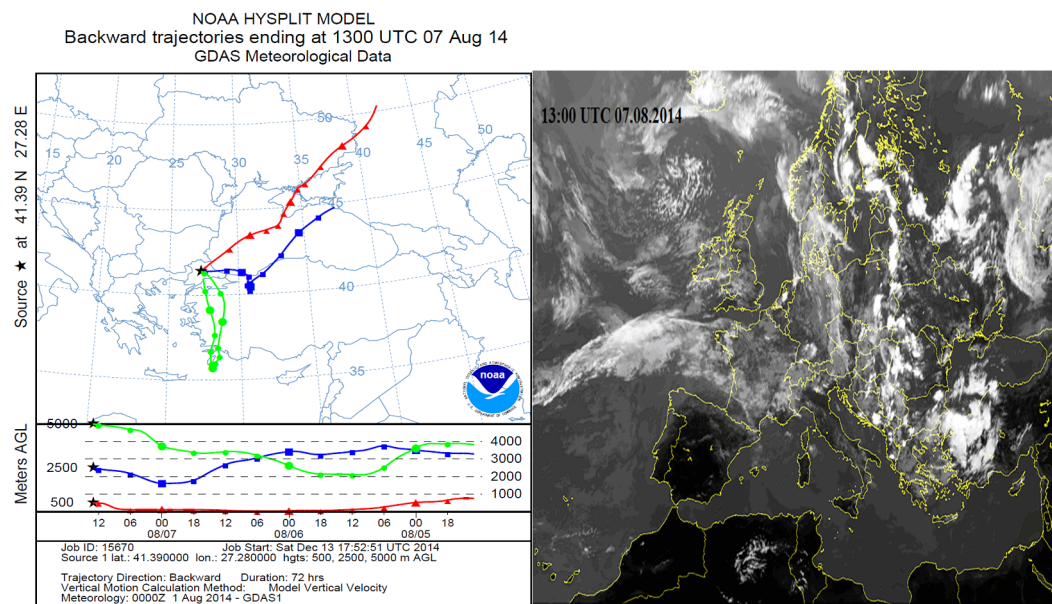
3. Kaynarca: 23.07.2014



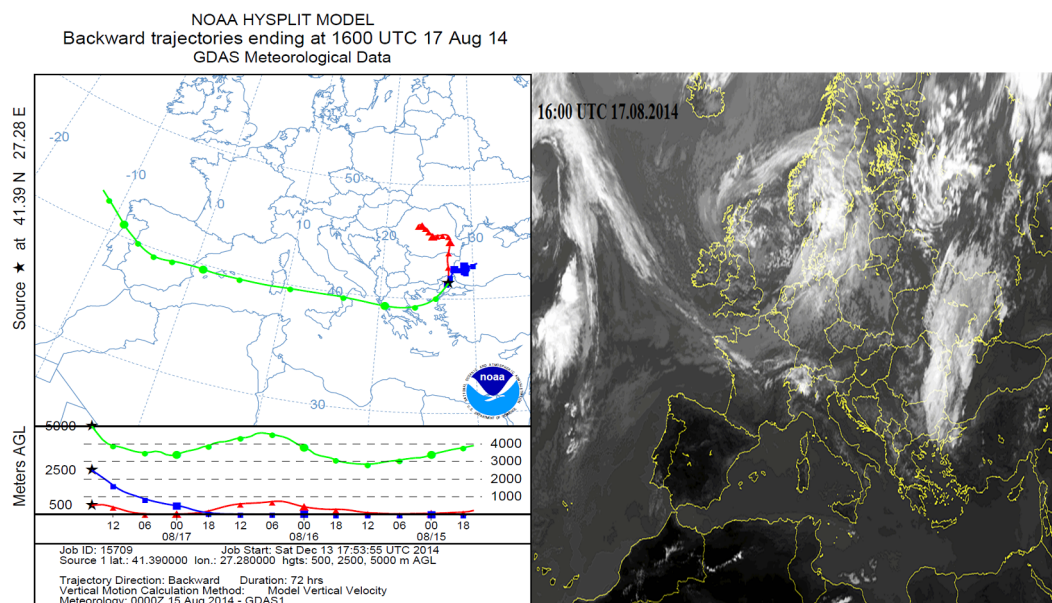
4. Kaynarca: 23.07.2014



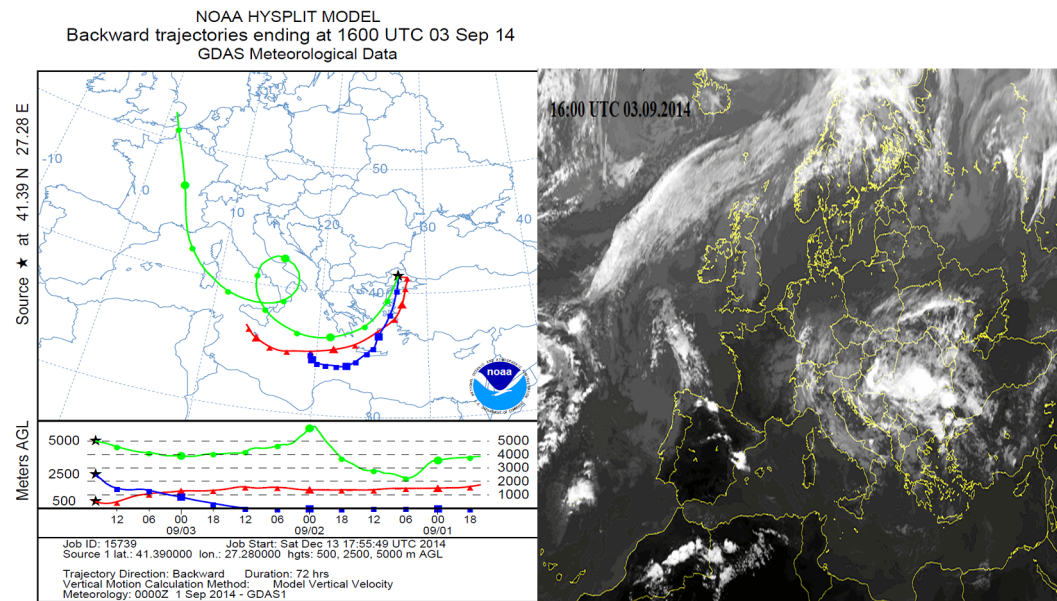
5. Kaynarca: 07.08.2014



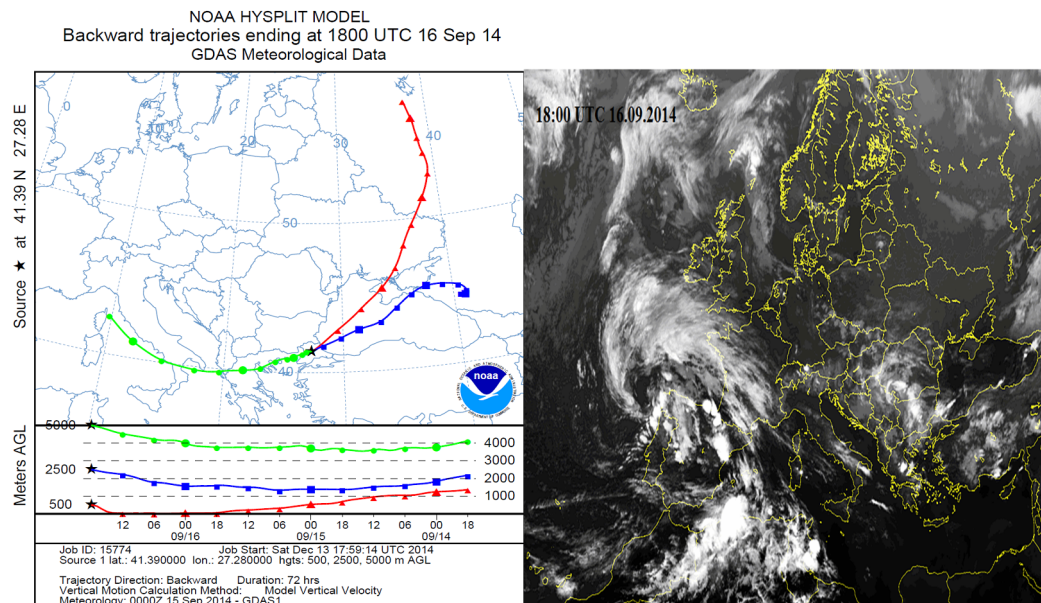
6. Kaynarca: 17.08.2014



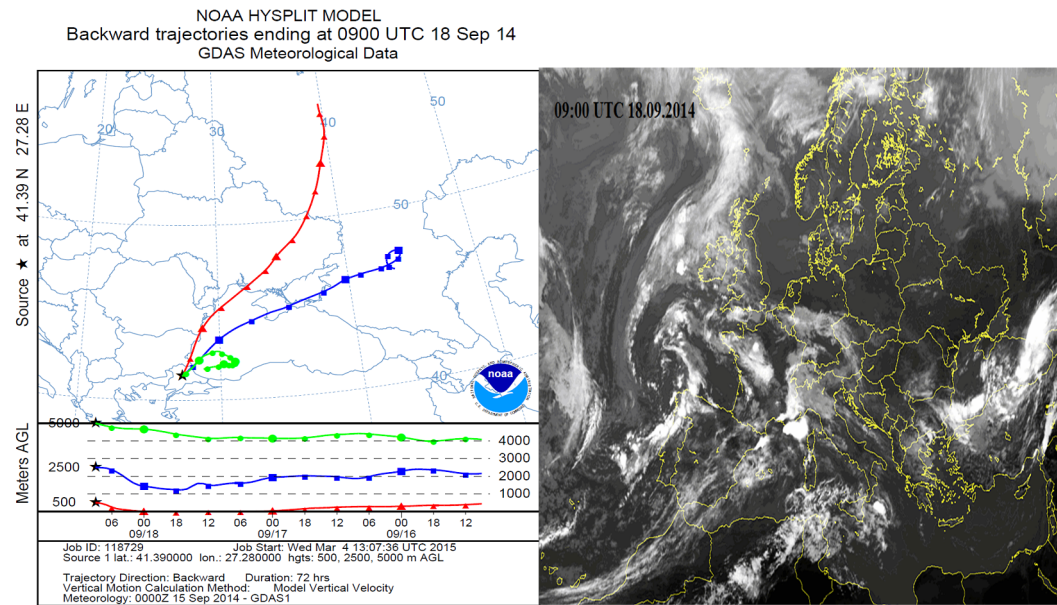
7. Kaynarca: 03.09.2014



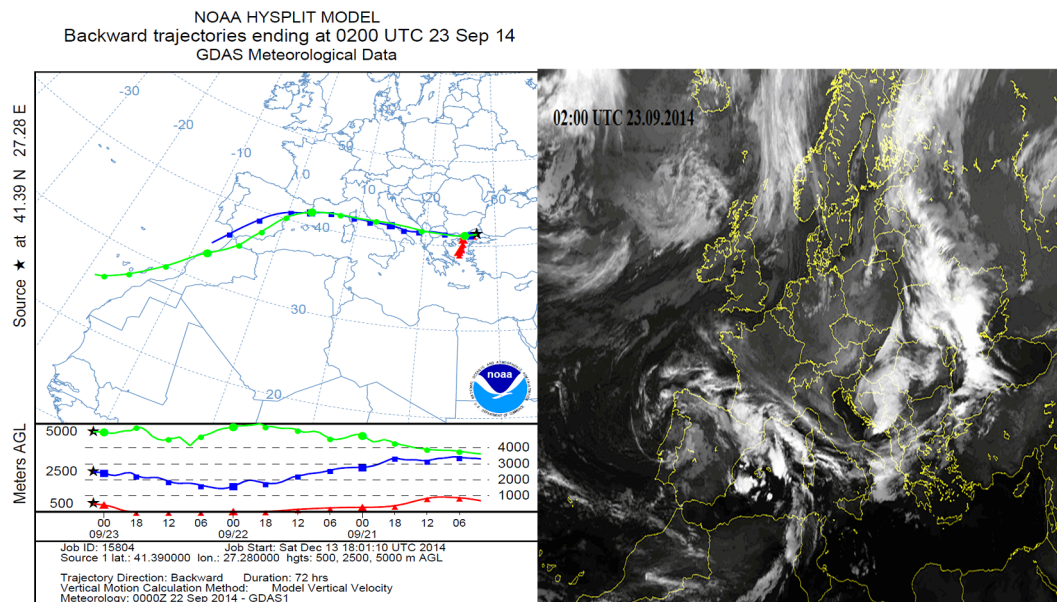
8. Kaynarca: 16.09.2014



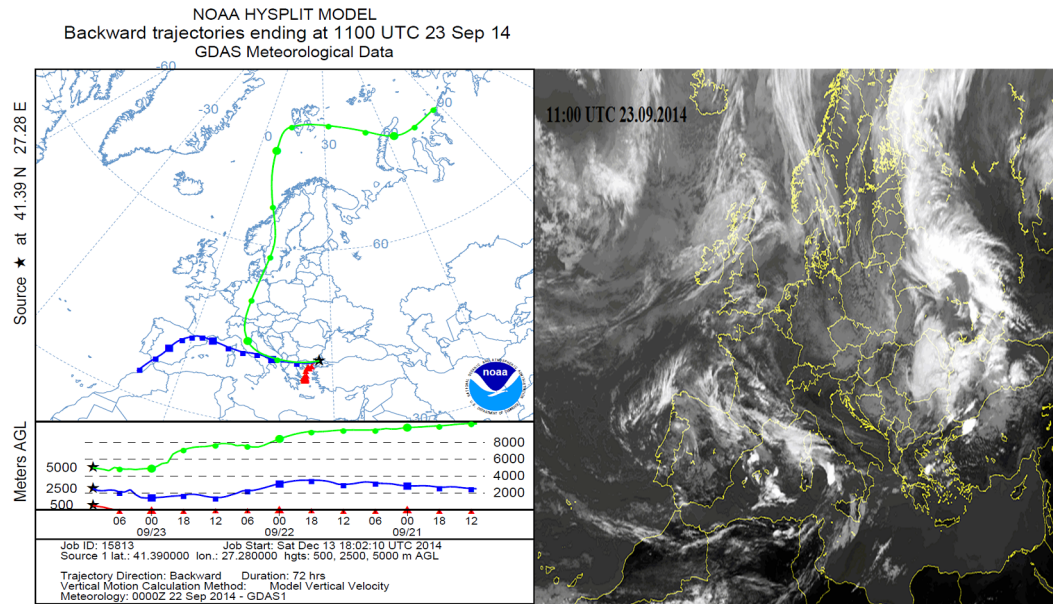
9. Kaynarca: 18.09.2014



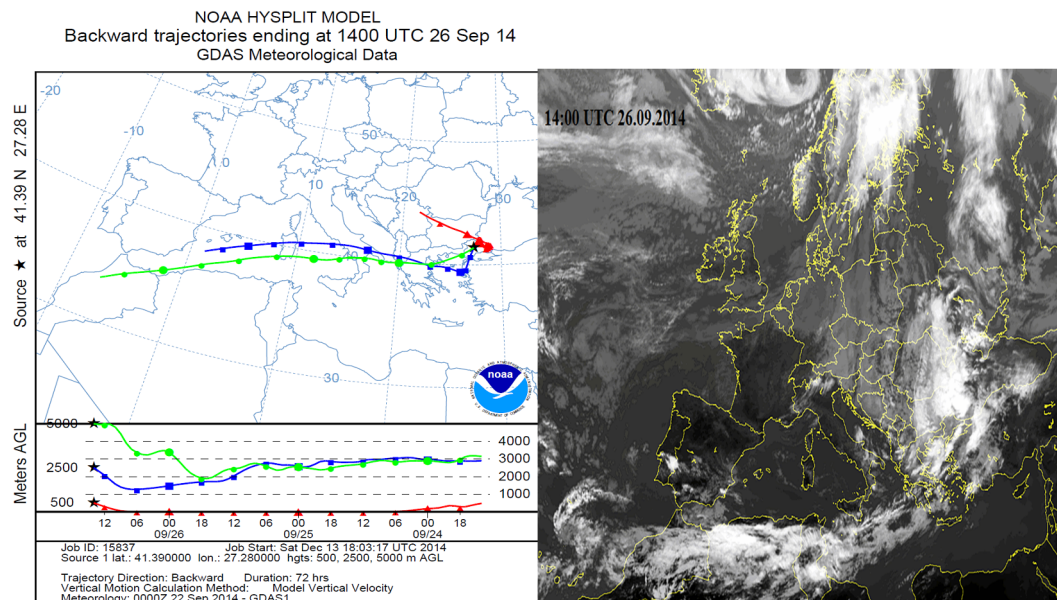
10. Kaynarca: 23.09.2014



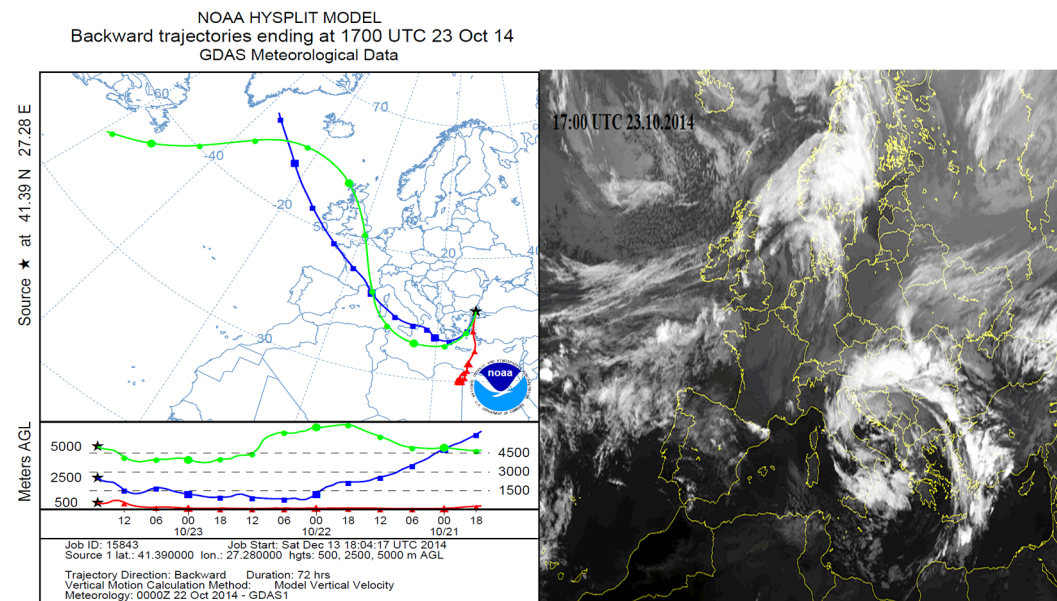
11. Kaynarca: 23.09.2014



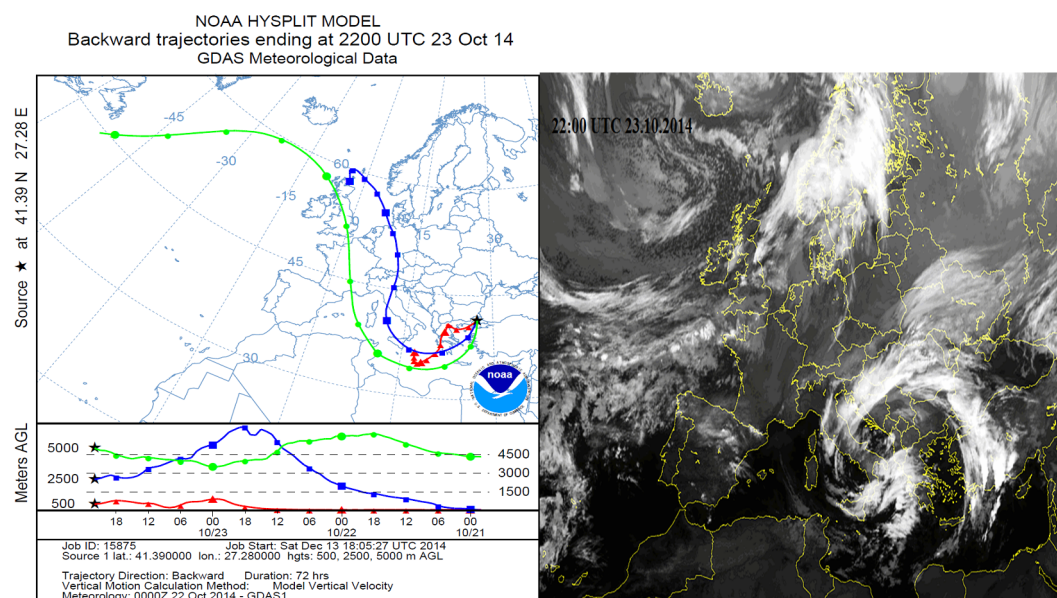
12. Kaynarca: 26.09.2014



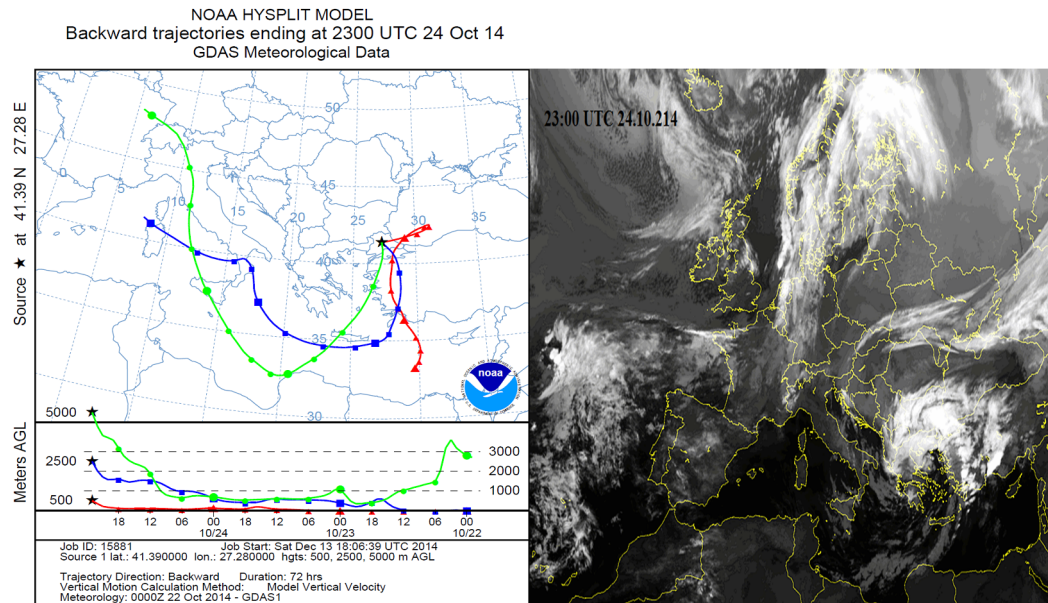
13. Kaynarca: 23.10.2014



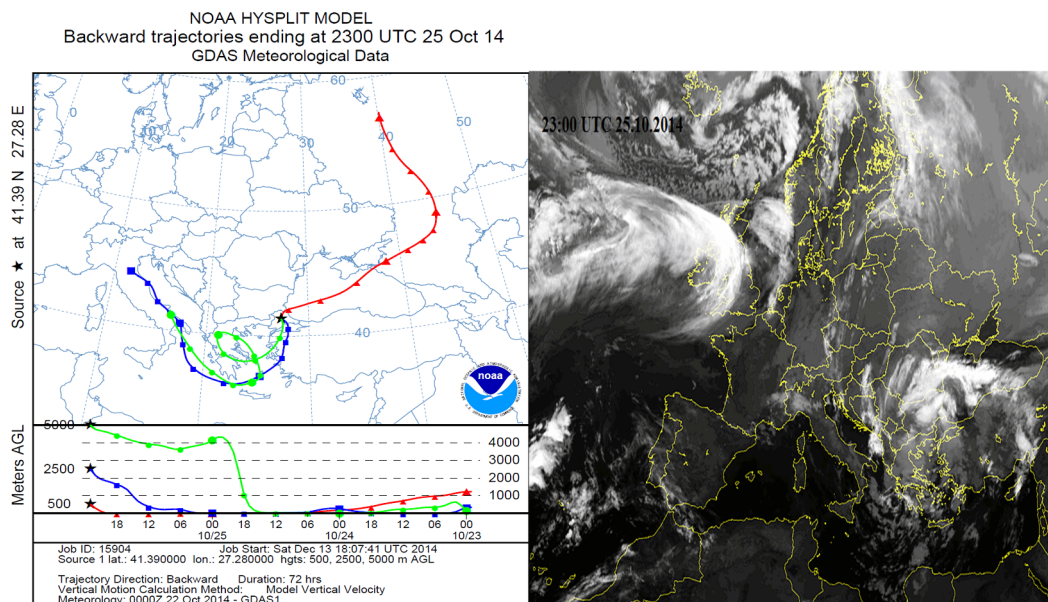
14. Kaynarca: 23.10.2014



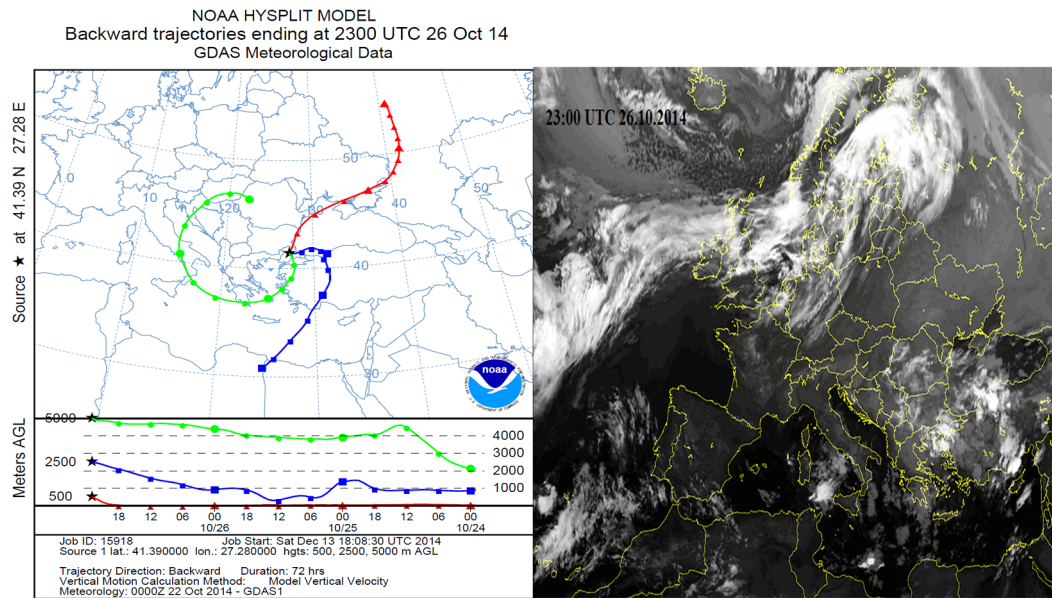
15. Kaynarca: 24.10.2014



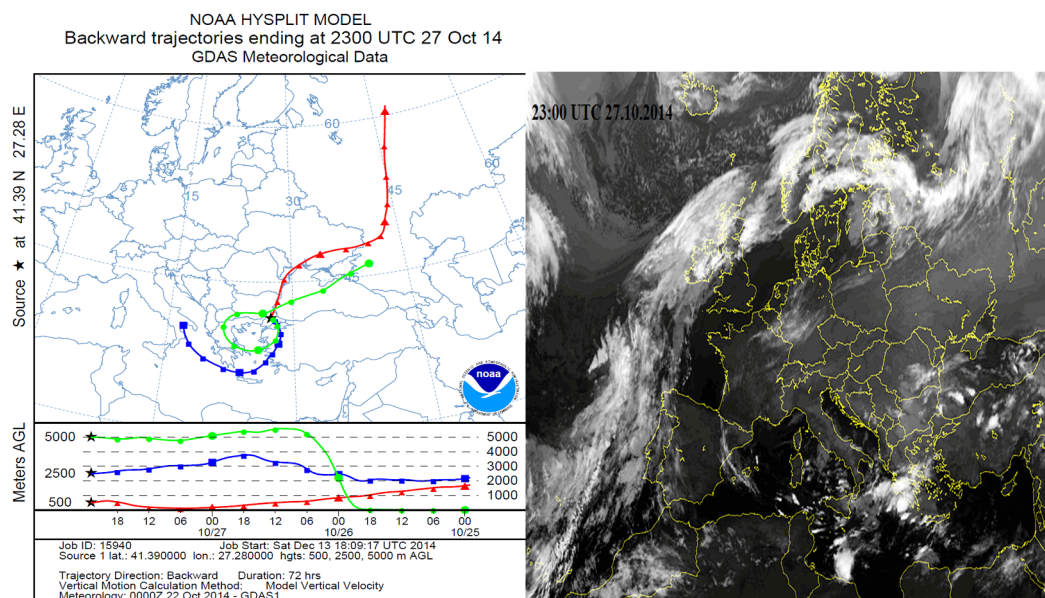
16. Kaynarca: 25.10.2014



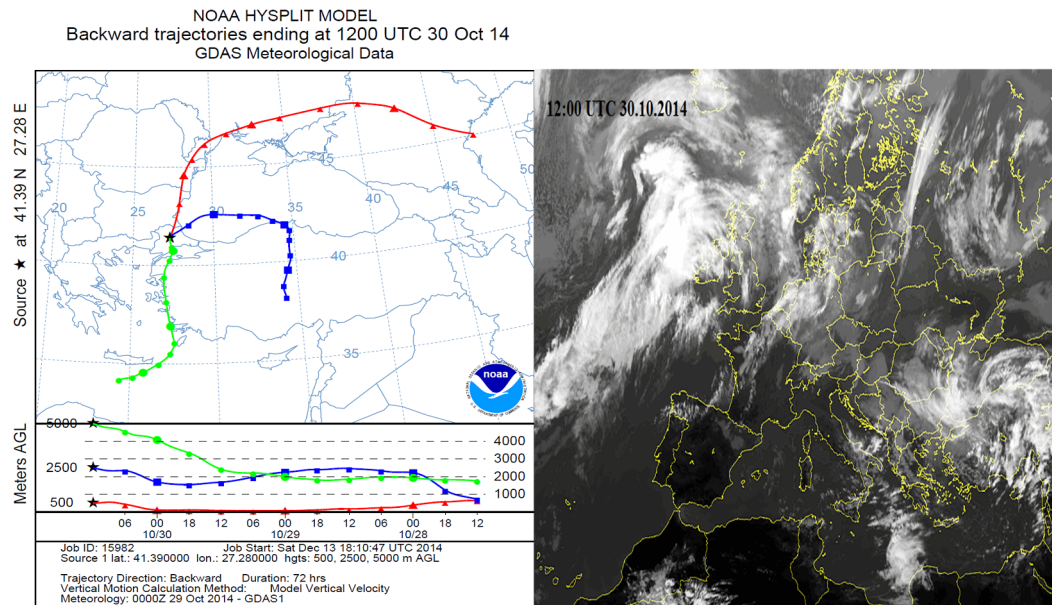
17. Kaynarca: 26.10.2014



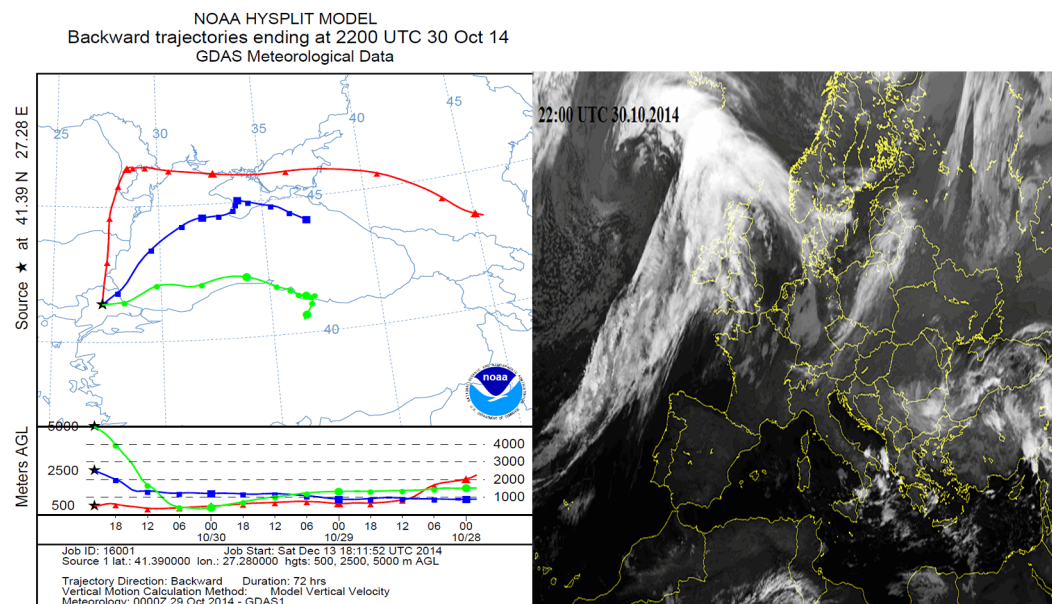
18. Kaynarca: 27.10.2014



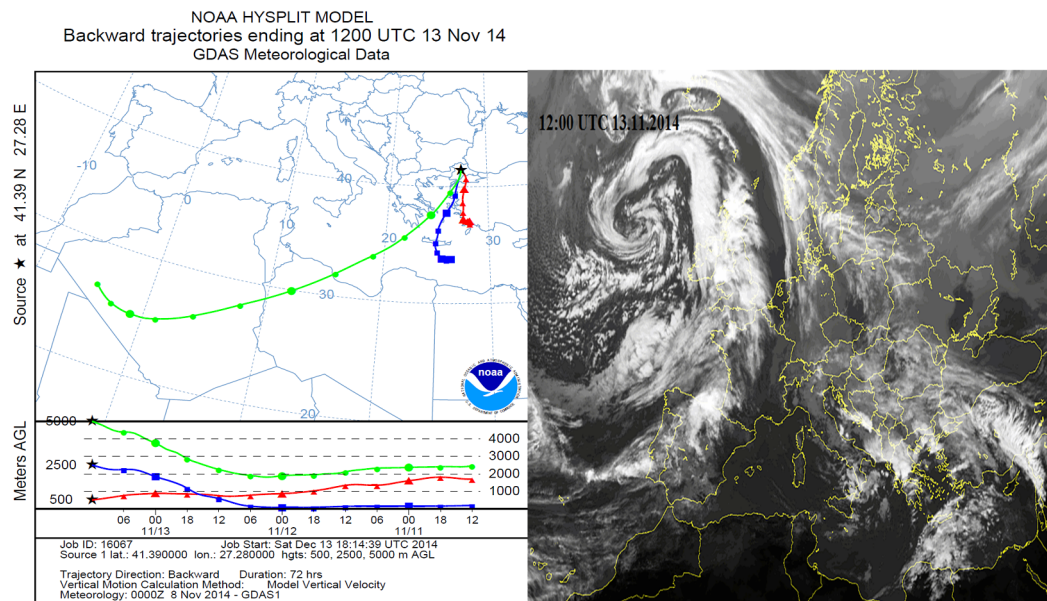
19. Kaynarca: 30.10.2014



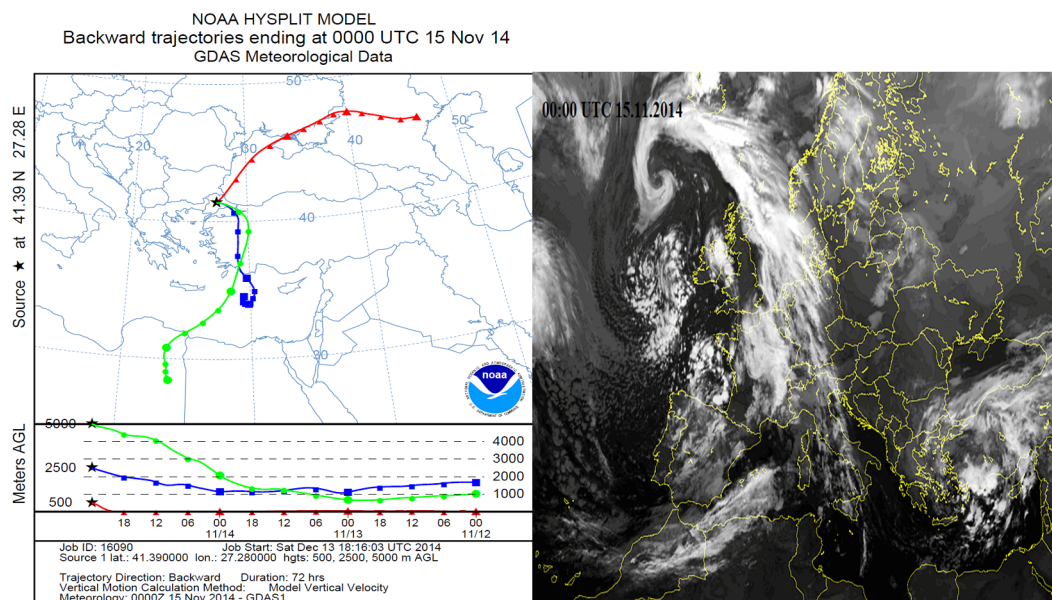
20. Kaynarca: 30.10.2014



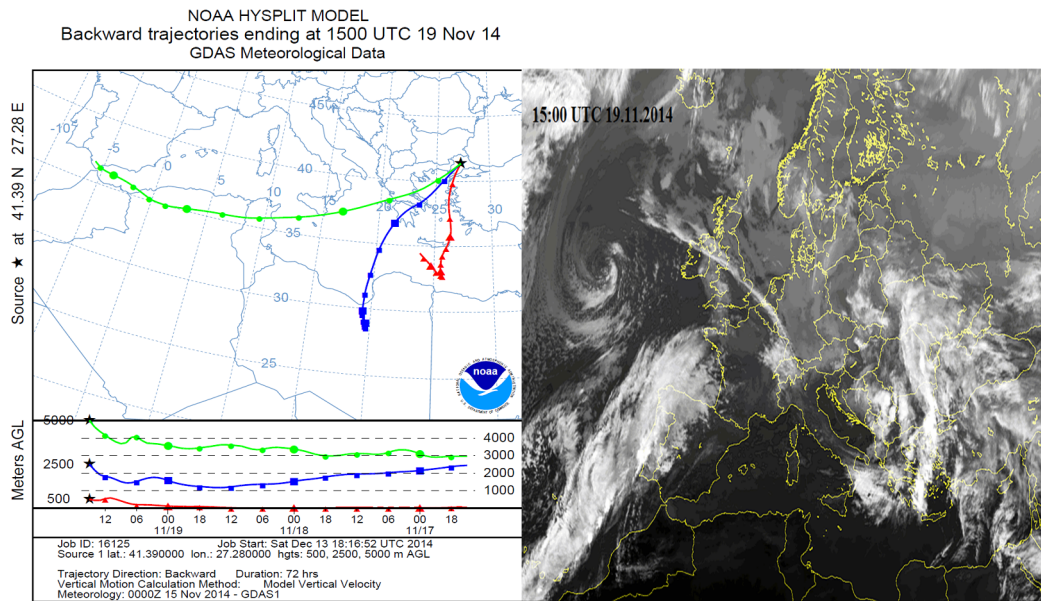
21. Kaynarca: 13.11.2014



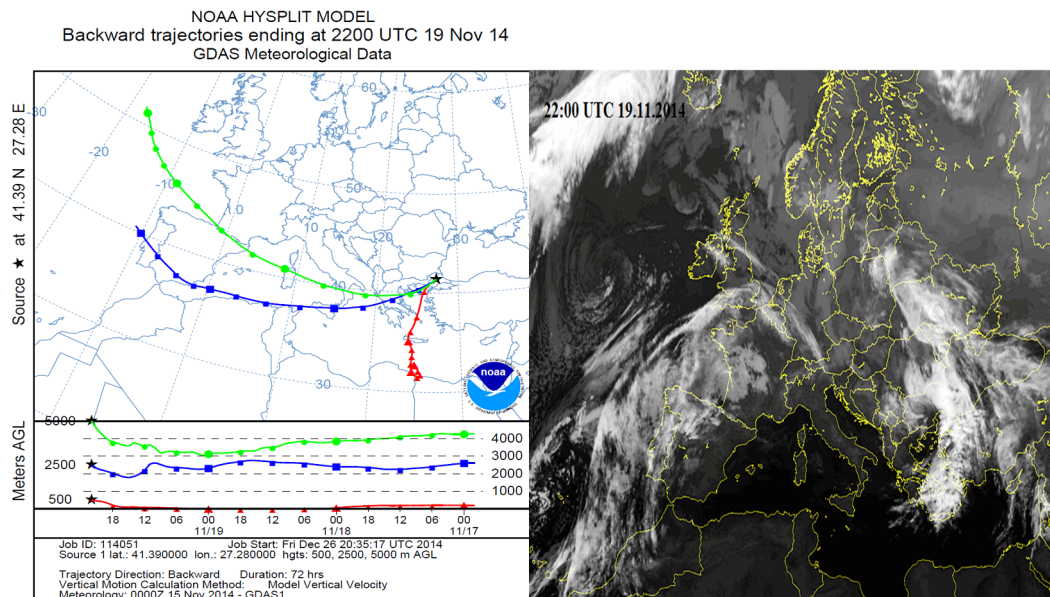
22. Kaynarca: 15.11.2014



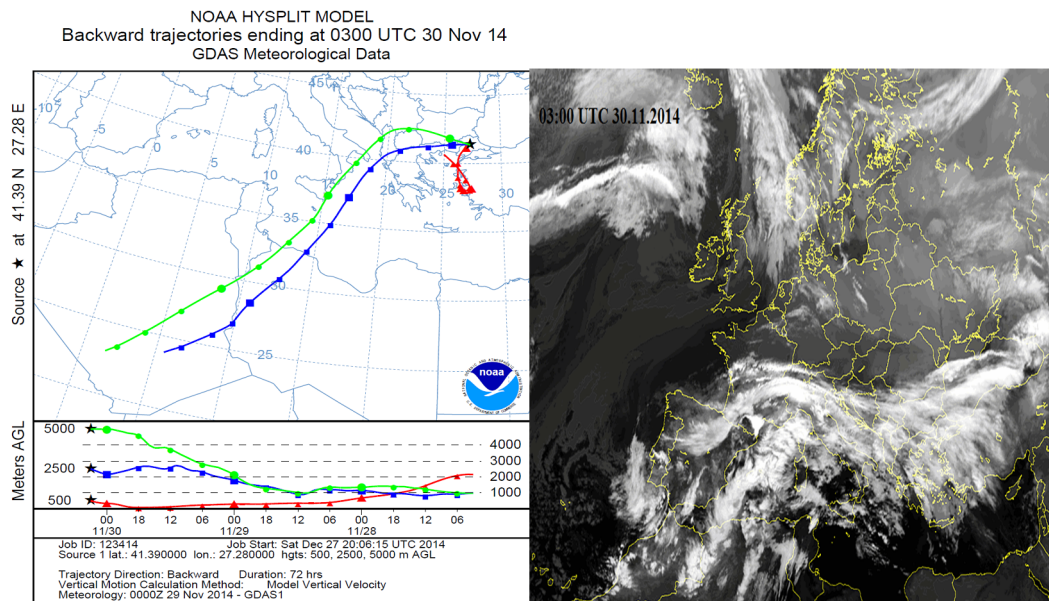
23. Kaynarca: 19.11.2014



24. Kaynarca: 19.11.2014



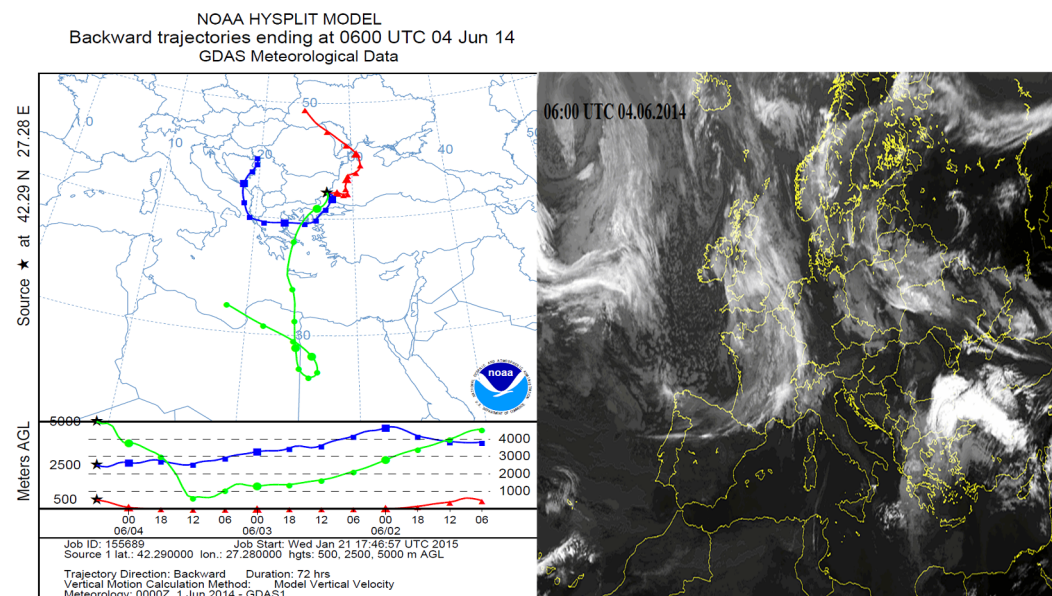
25. Kaynarca: 30.11.2014



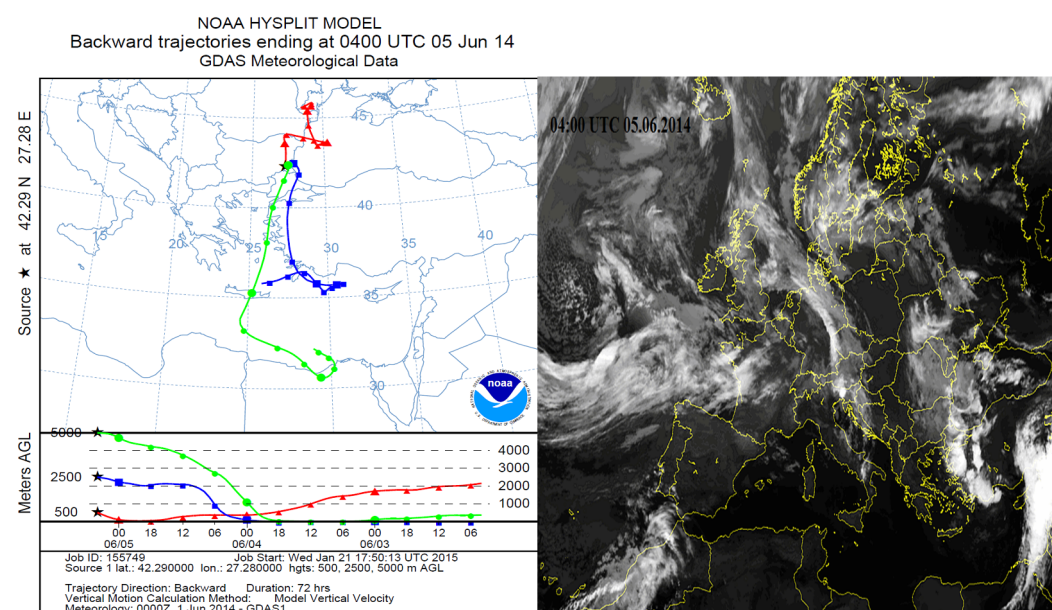
Annex A3: Back trajectories and satellite images for Burgas

The back trajectories are obtained by the model HYSPLIT ((HYbrid Single-Particle Lagrangian Integrated Trajectory) Model , access via NOAA ARL READY Website (<http://ready.arl.noaa.gov/HYSPLIT.php>). NOAA Air Resources Laboratory, USA. The time on the Figures is the nearest possible one to the rain starting hour.

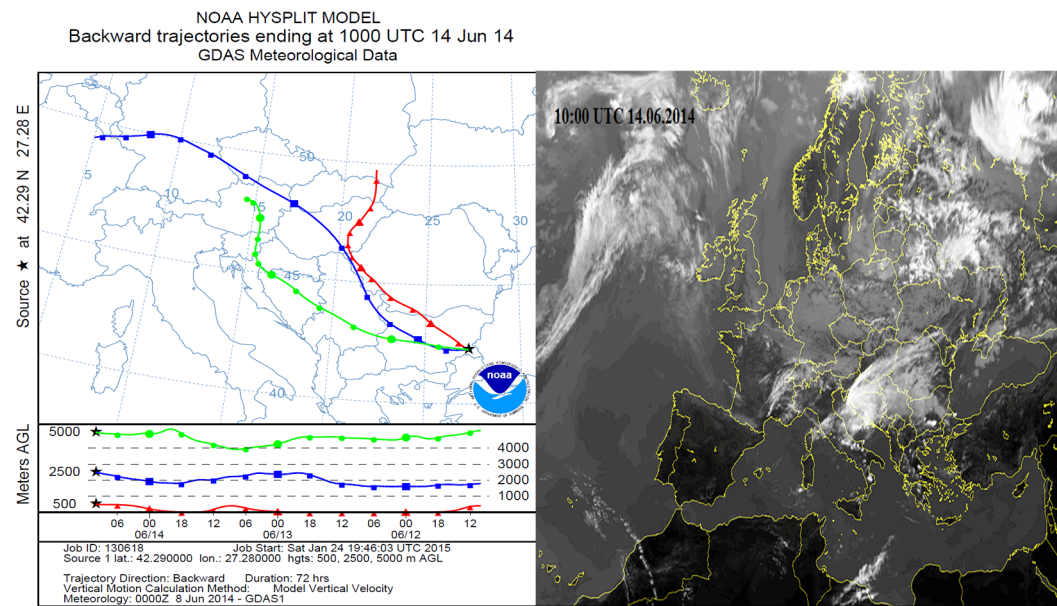
1. Burgas 04.06.2014



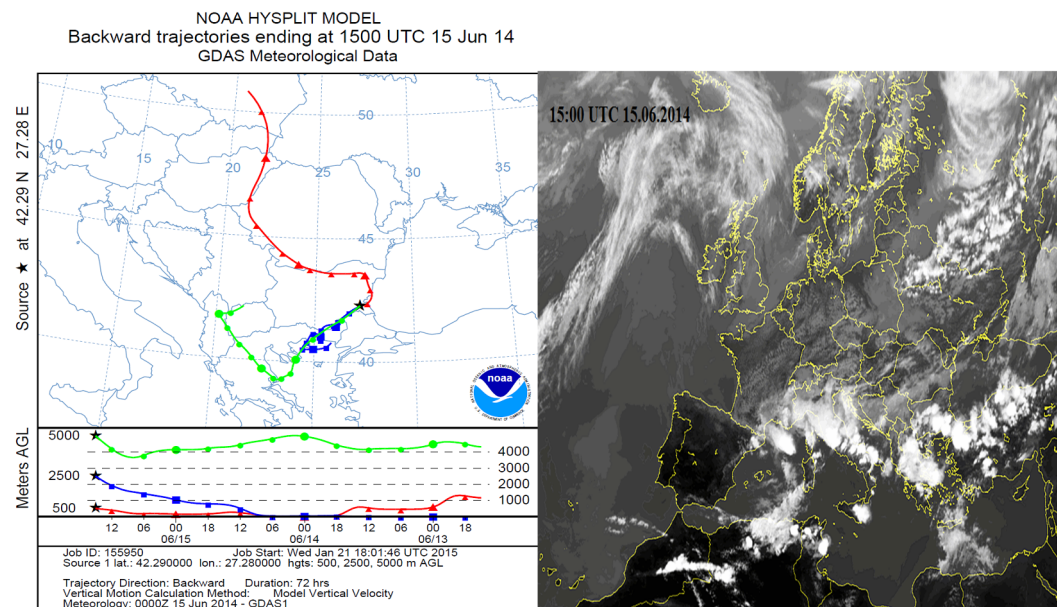
2. Burgas: 05.06.2014



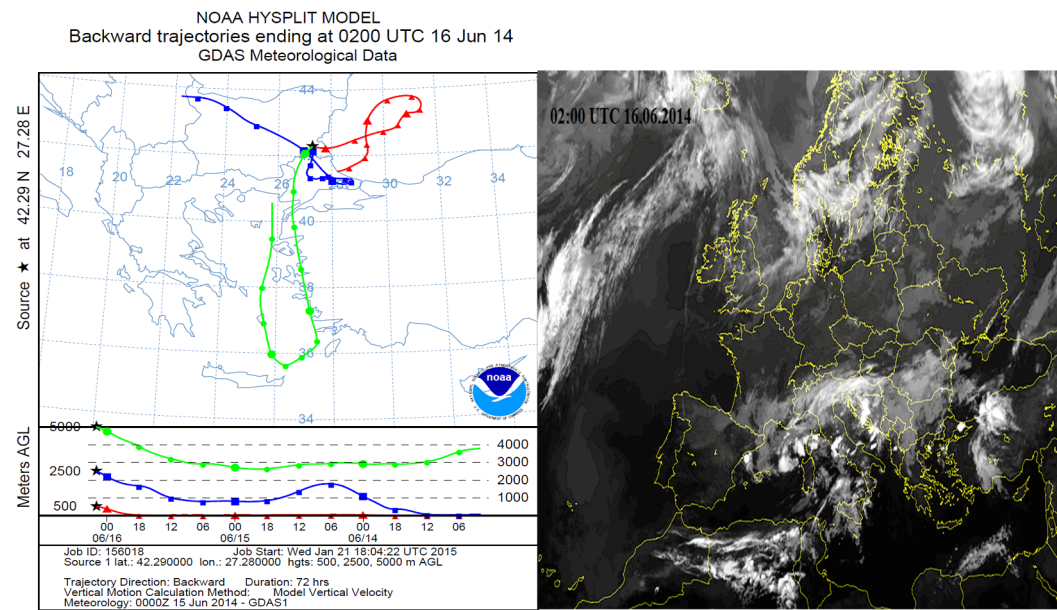
3. Burgas: 14.06.2014



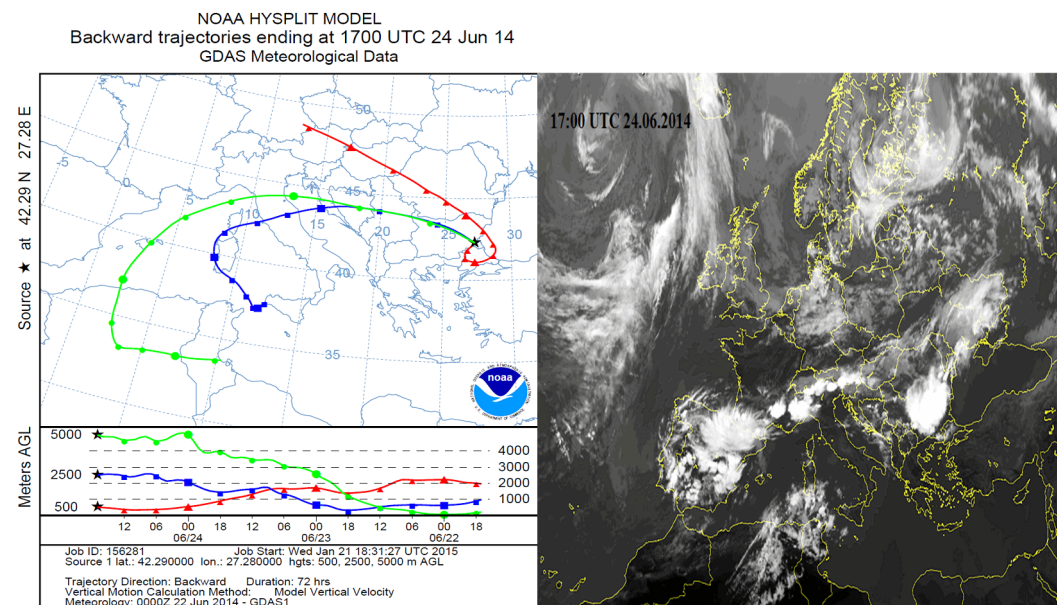
4. Burgas: 15.06.2014



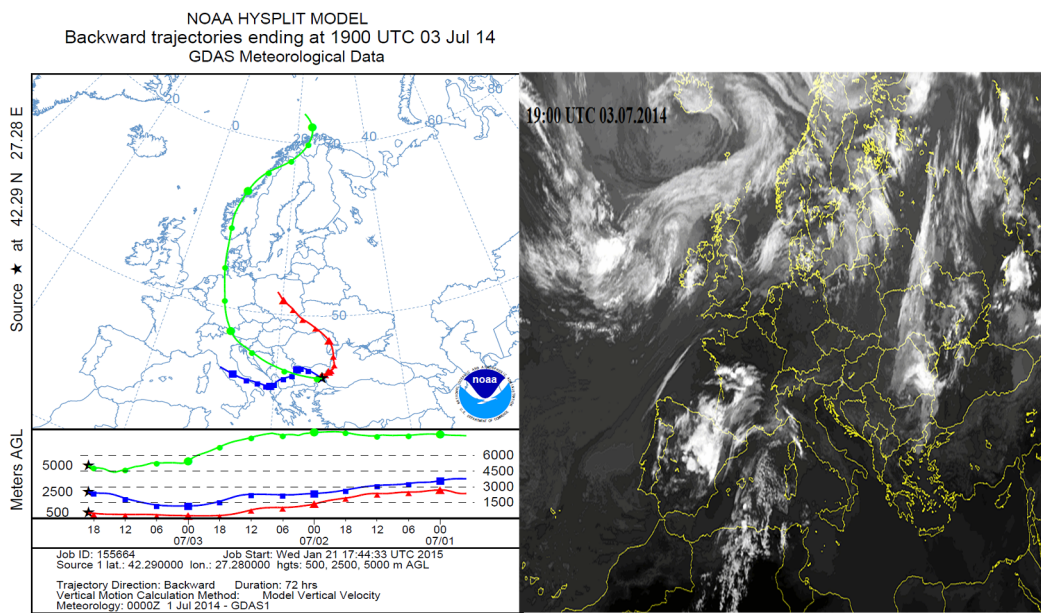
5. Burgas: 16.06.2014



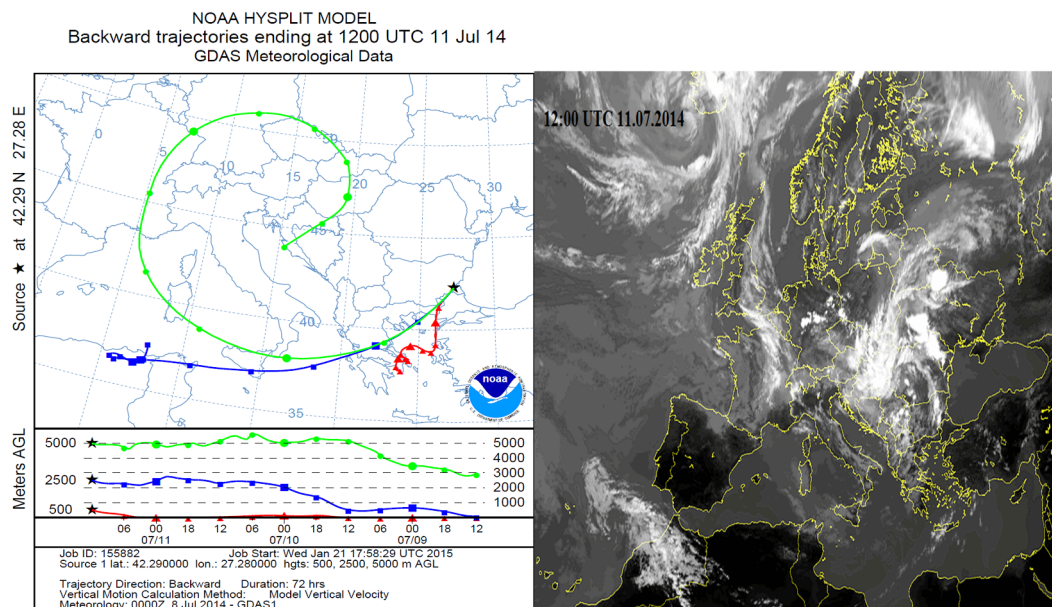
6. Burgas: 24.06.2014



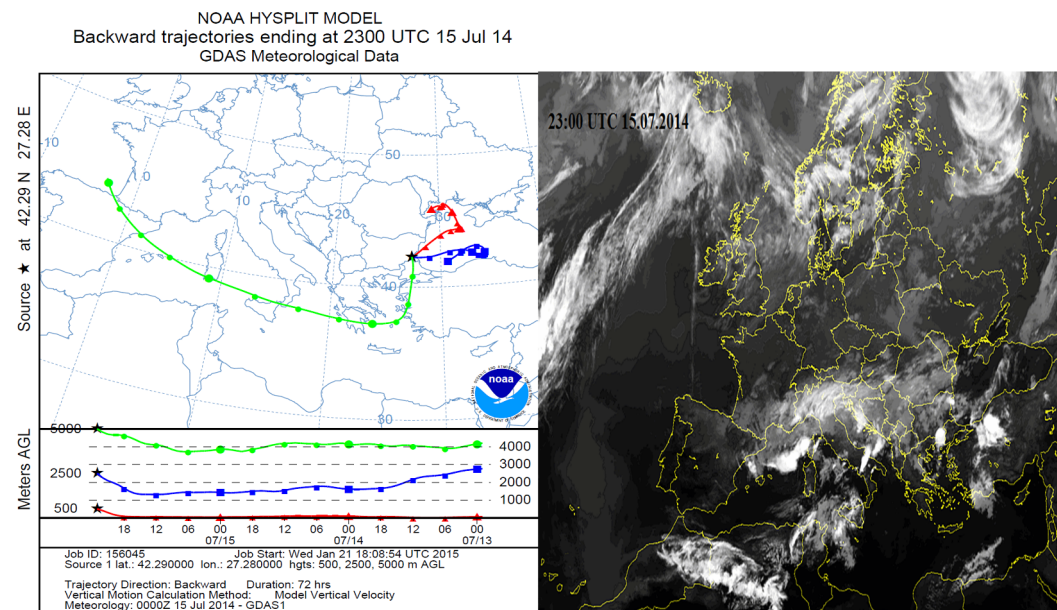
7. Burgas: 03.07.2014



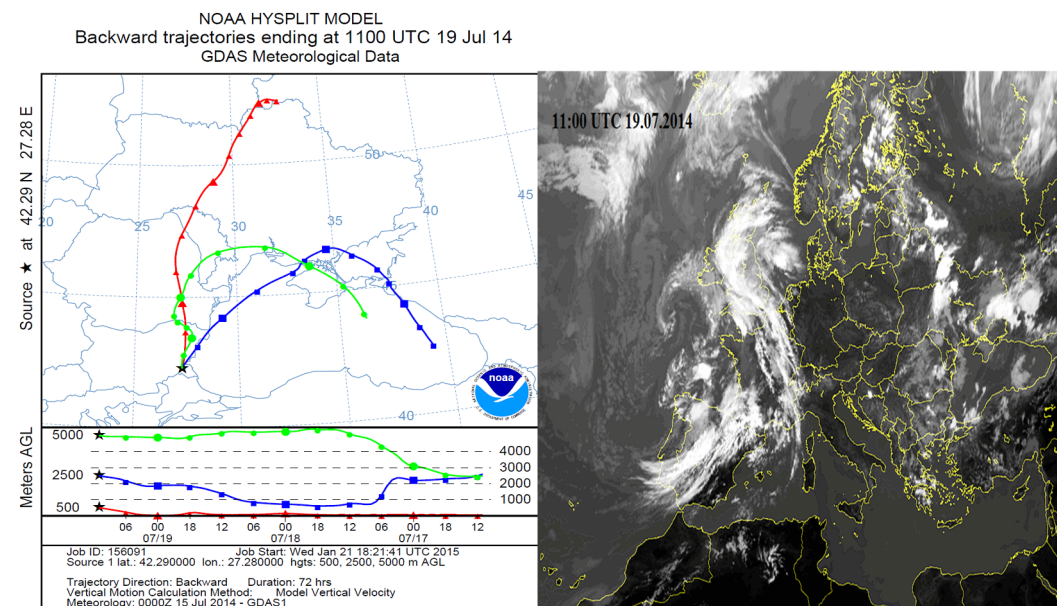
8. Burgas: 11.07.2014



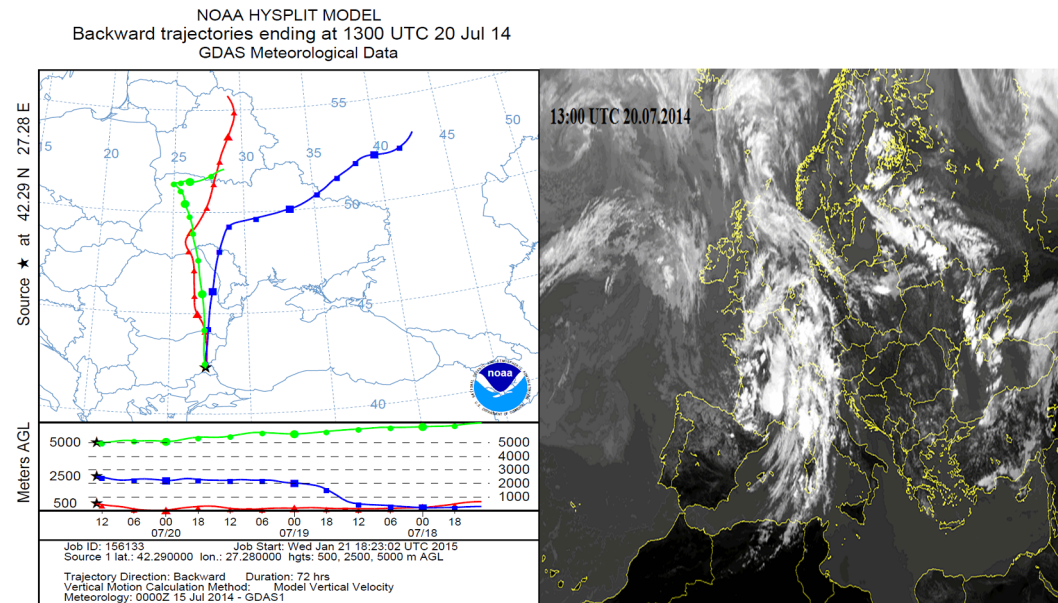
9. Burgas: 15.07.2014



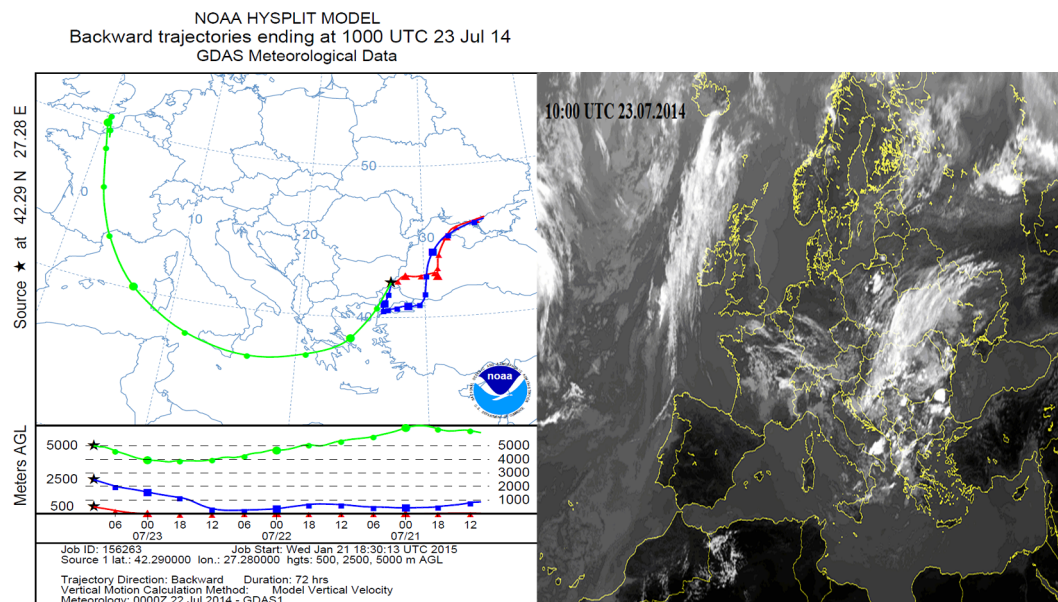
10. Burgas: 19.07.2014



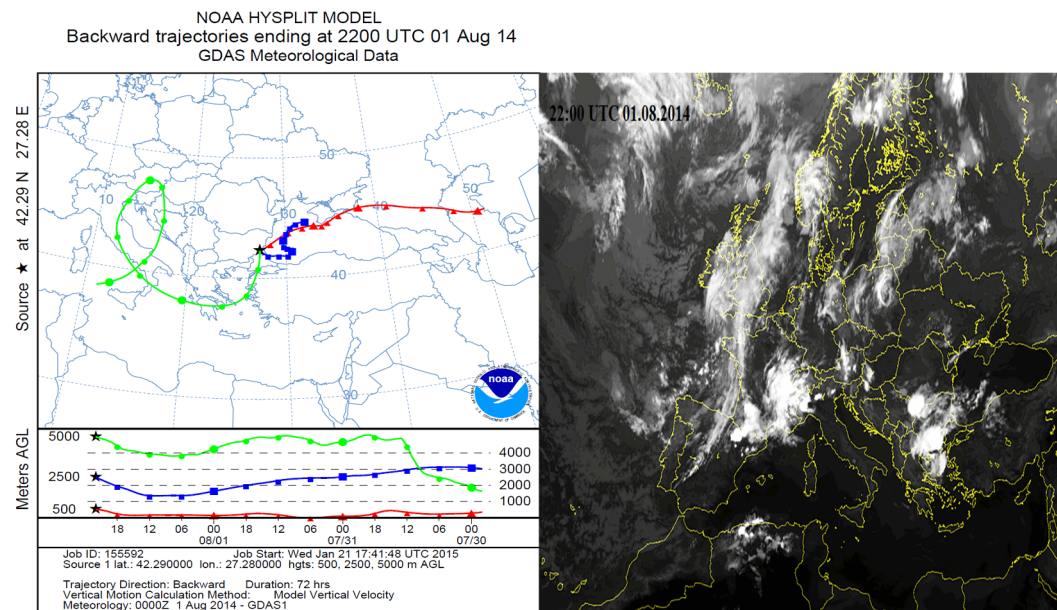
11. Burgas: 20.07.2014



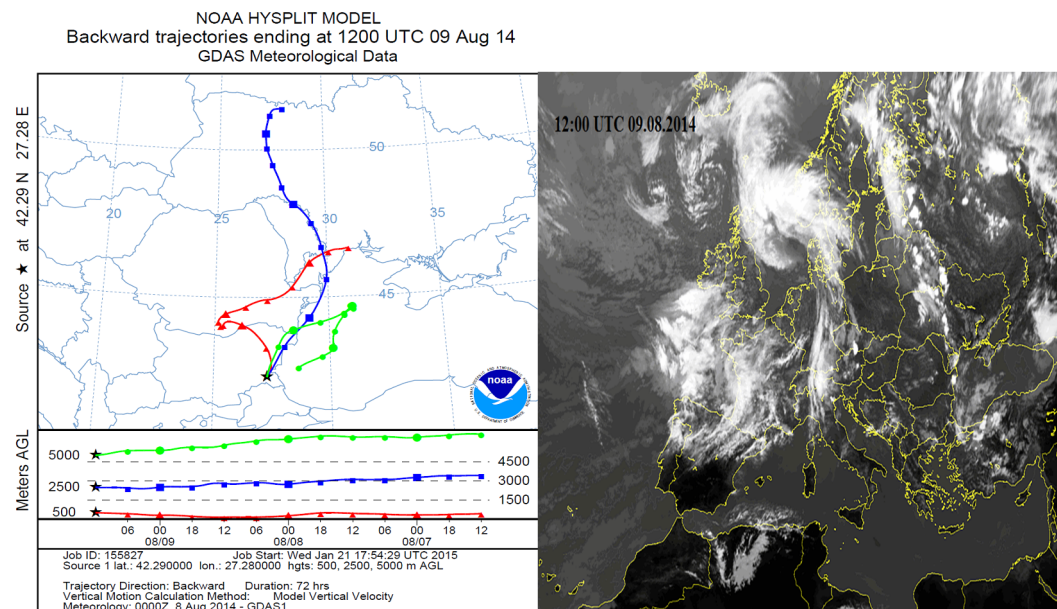
12. Burgas: 23.07.2014



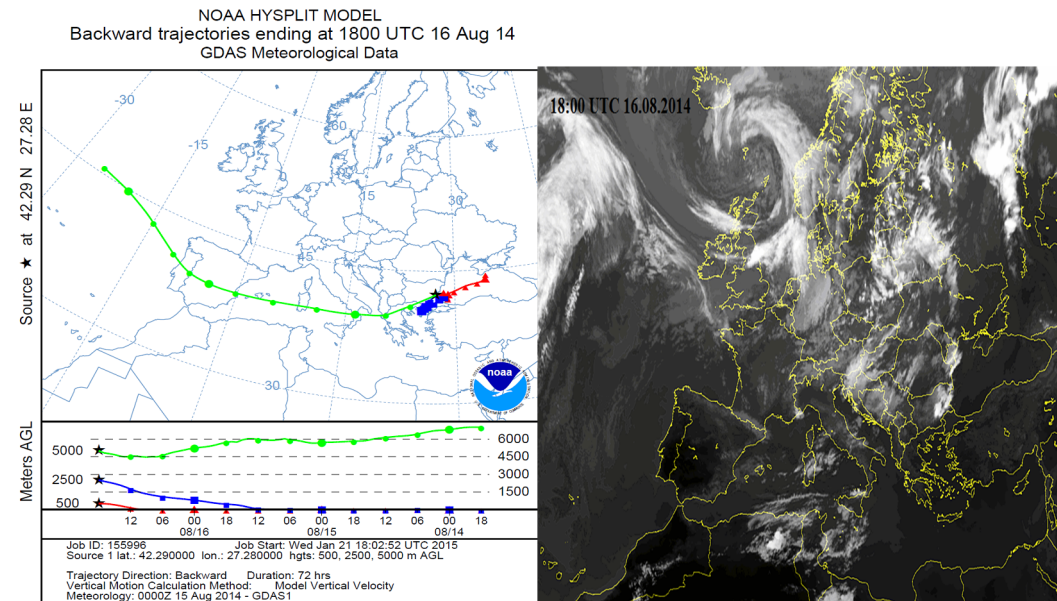
13. Burgas: 01.08.2014



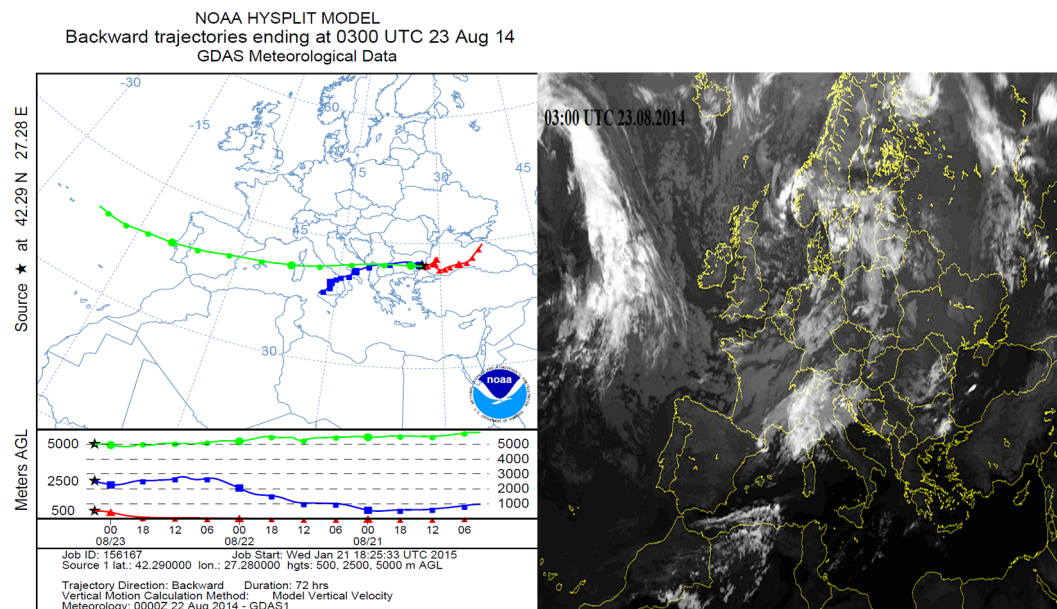
14. Burgas: 09.08.2014



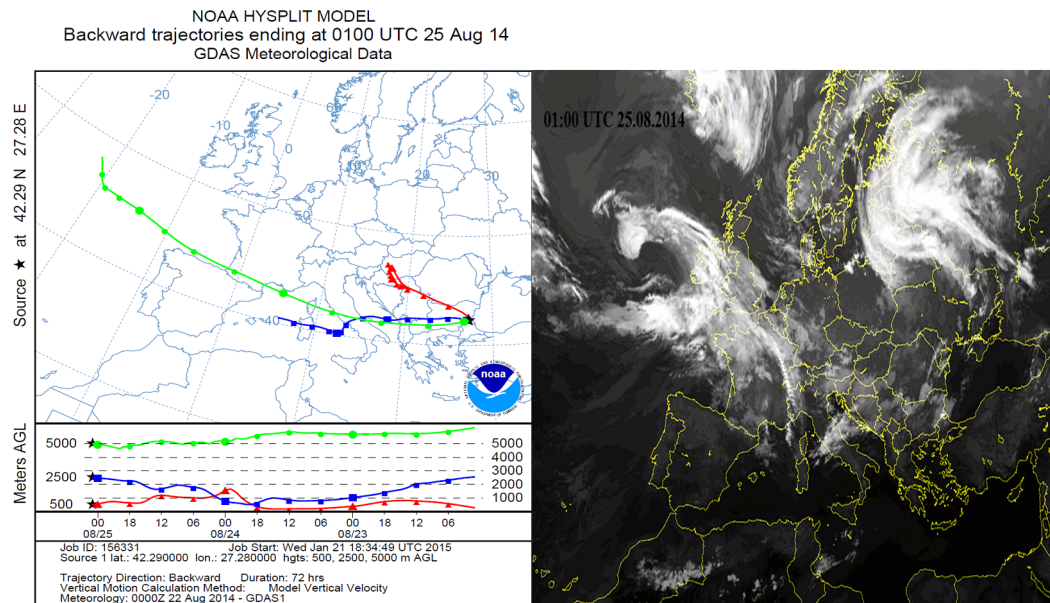
15. Burgas: 16.08.2014



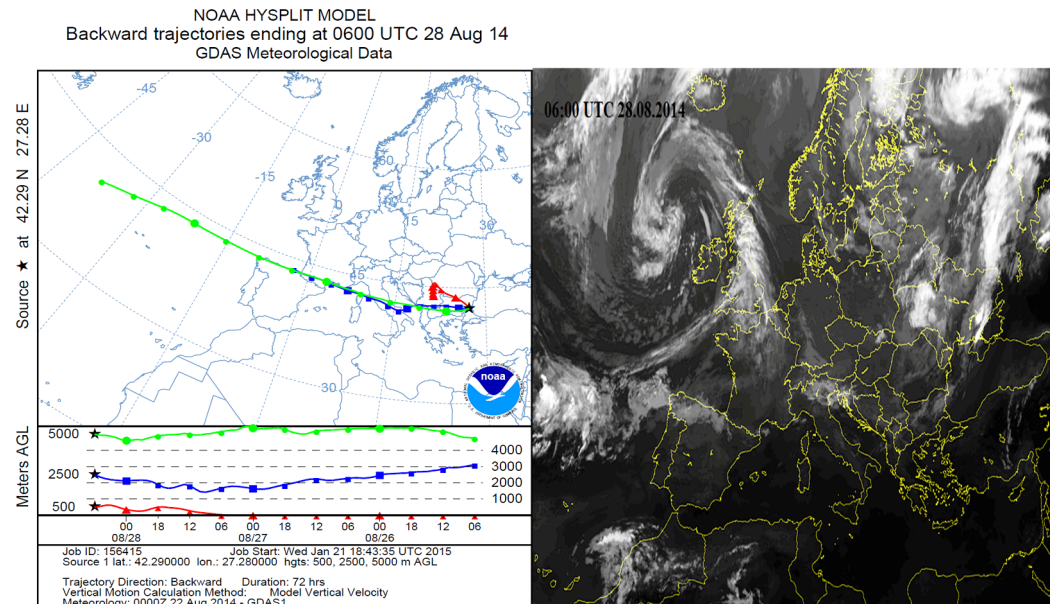
16. Burgas: 23.08.2014



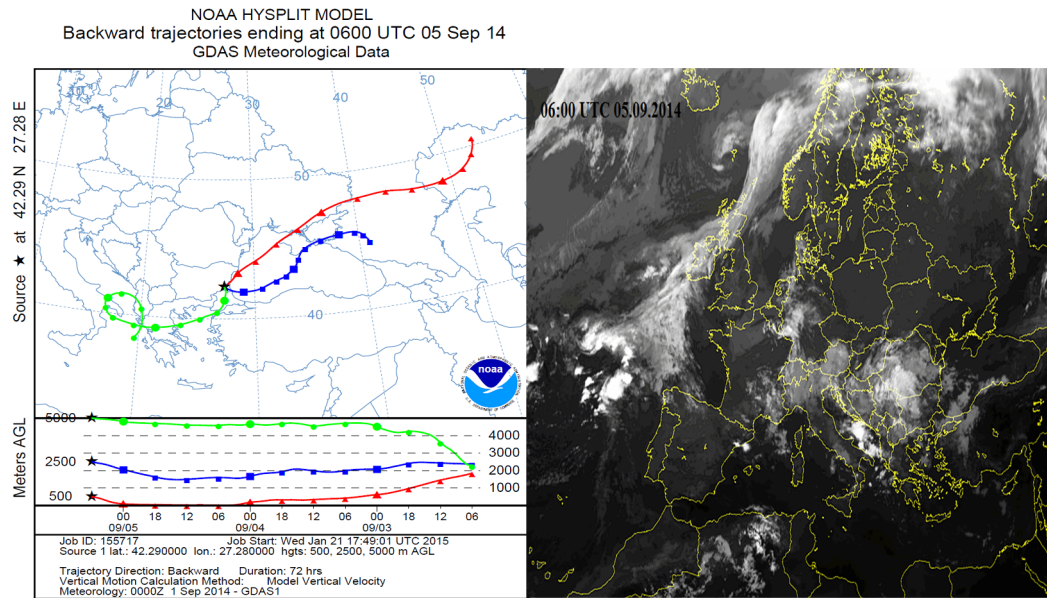
17. Burgas: 25.08.2014



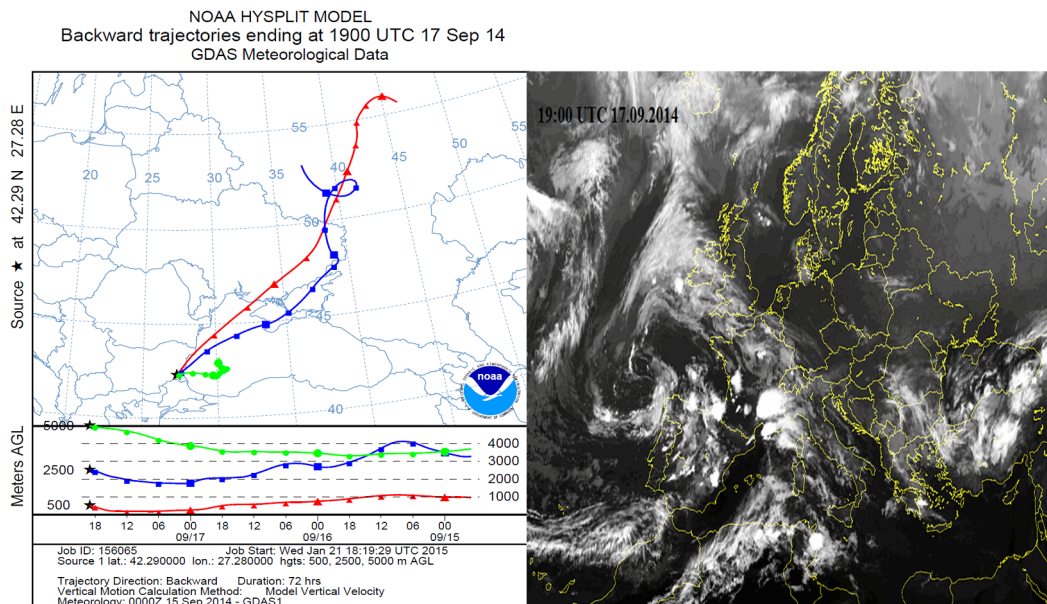
18. Burgas: 28.08.2014



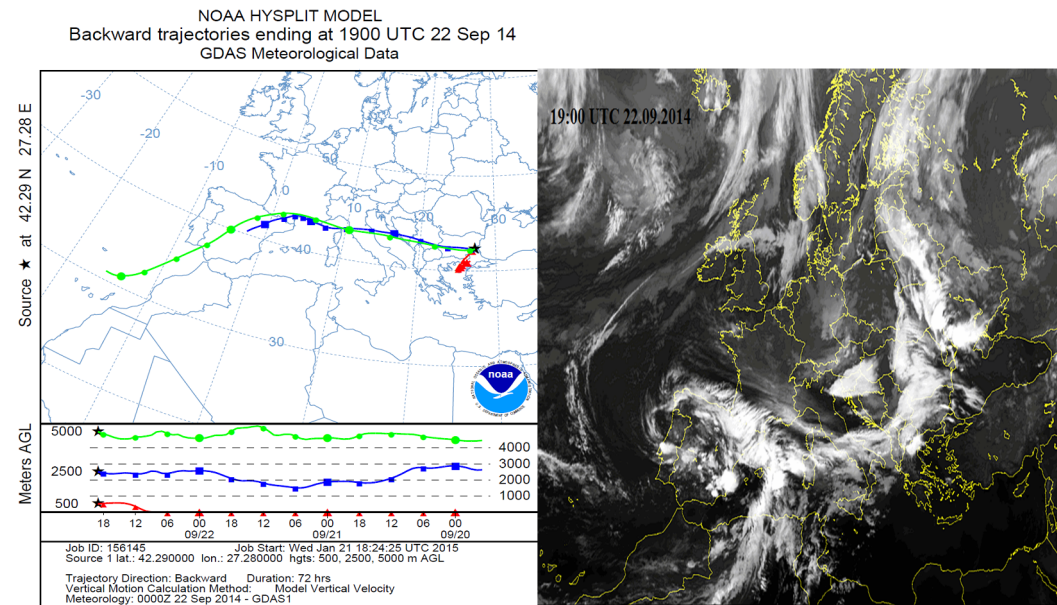
19. Burgas: 05.09.2014



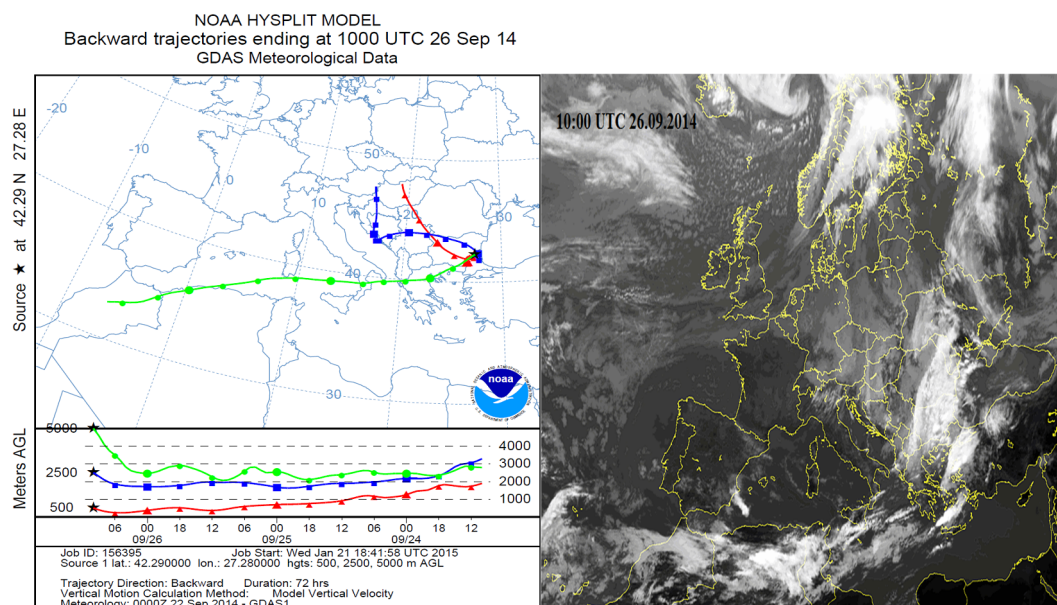
20. Burgas: 17.09.2014



21. Burgas: 22.09.2014

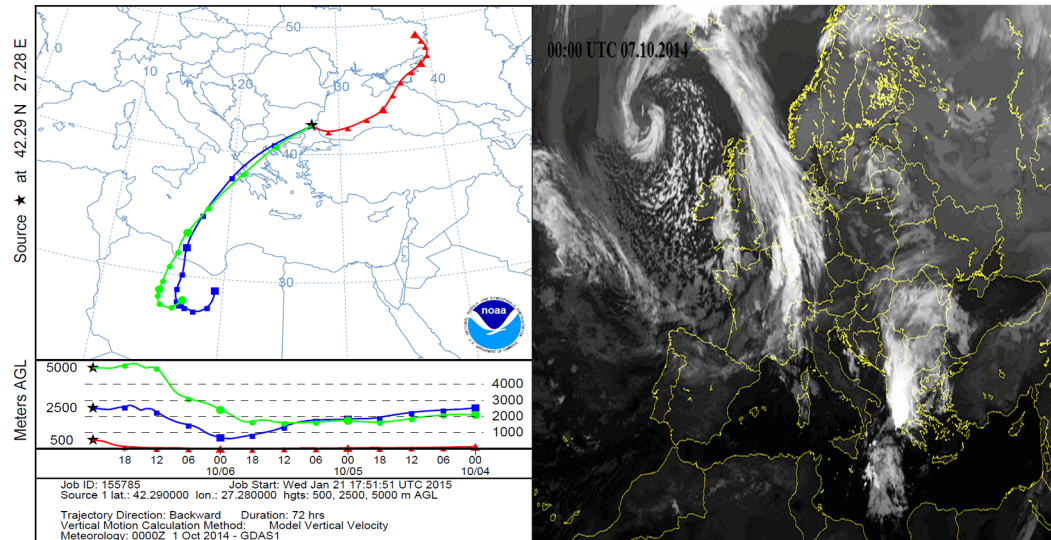


22. Burgas: 26.09.2014



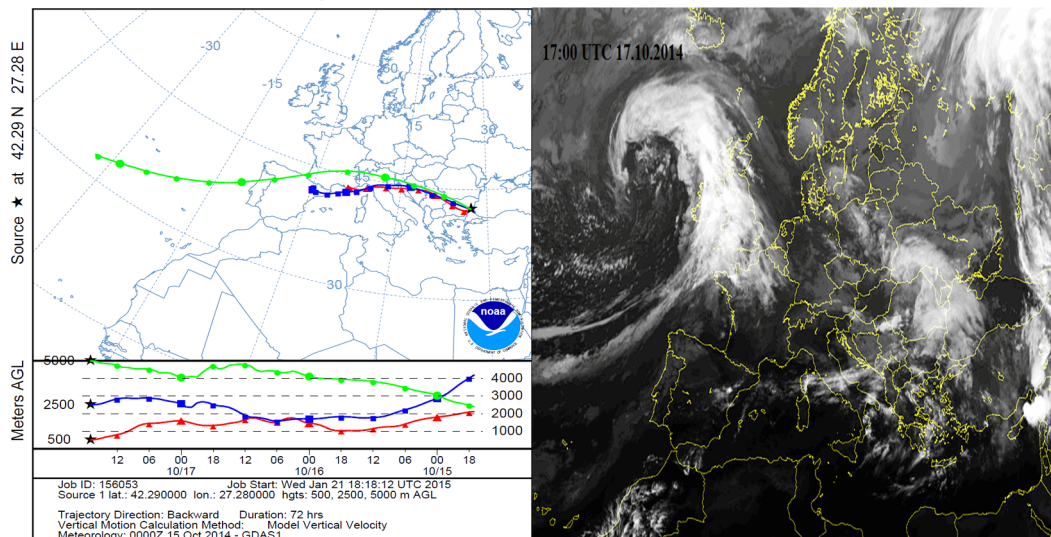
23. Burgas: 07.10.2014

NOAA HYSPLIT MODEL
Backward trajectories ending at 0000 UTC 07 Oct 14
GDAS Meteorological Data

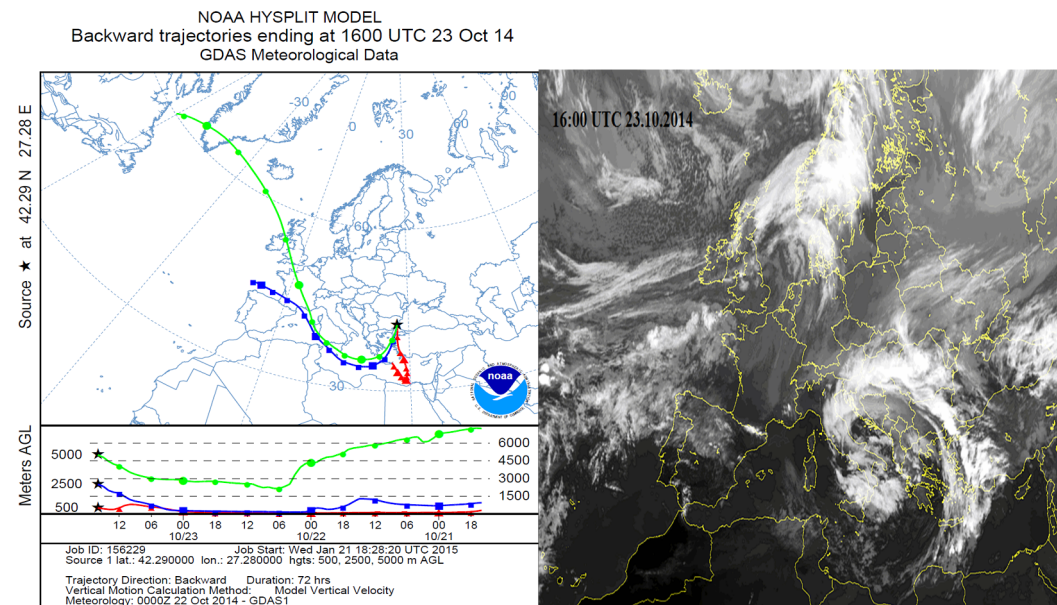


24. Burgas: 17.10.2014

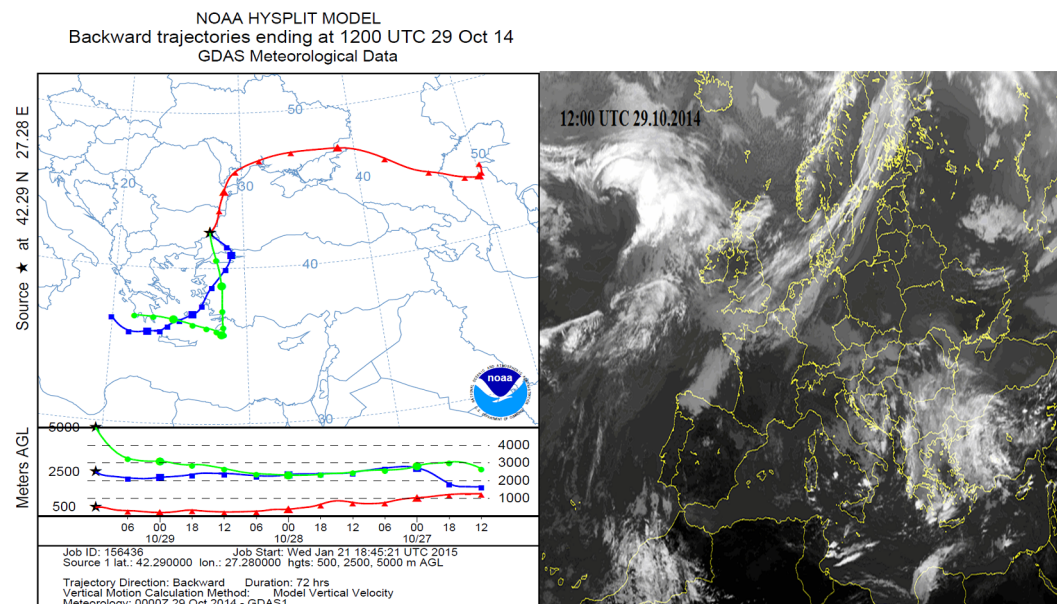
NOAA HYSPLIT MODEL
Backward trajectories ending at 1700 UTC 17 Oct 14
GDAS Meteorological Data



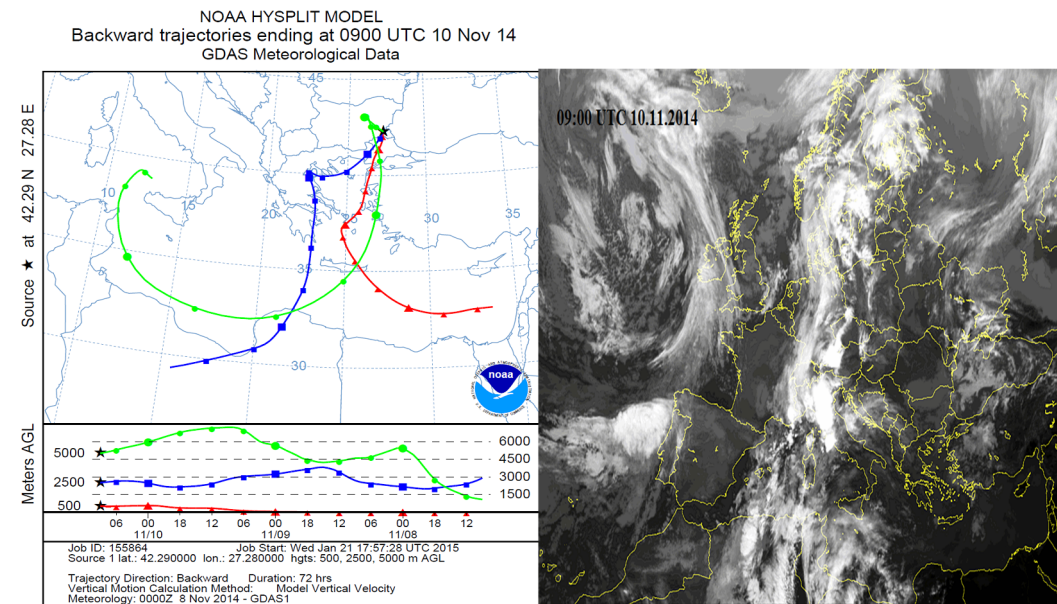
25. Burgas: 23.10.2014



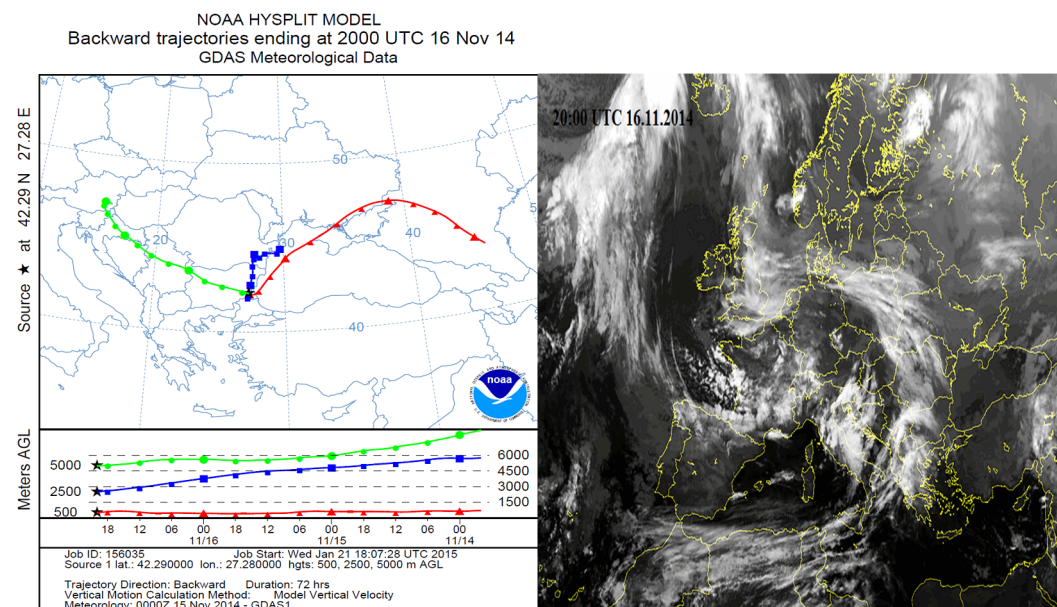
26. Burgas: 29.10.2014



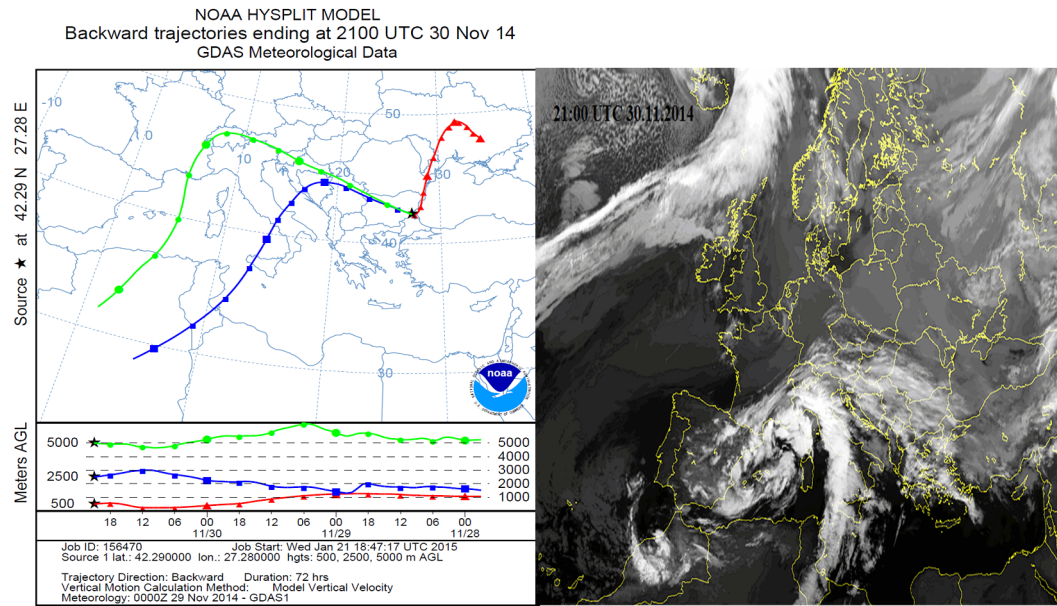
27. Burgas: 10.11.2014



28. Burgas: 16.11.2014



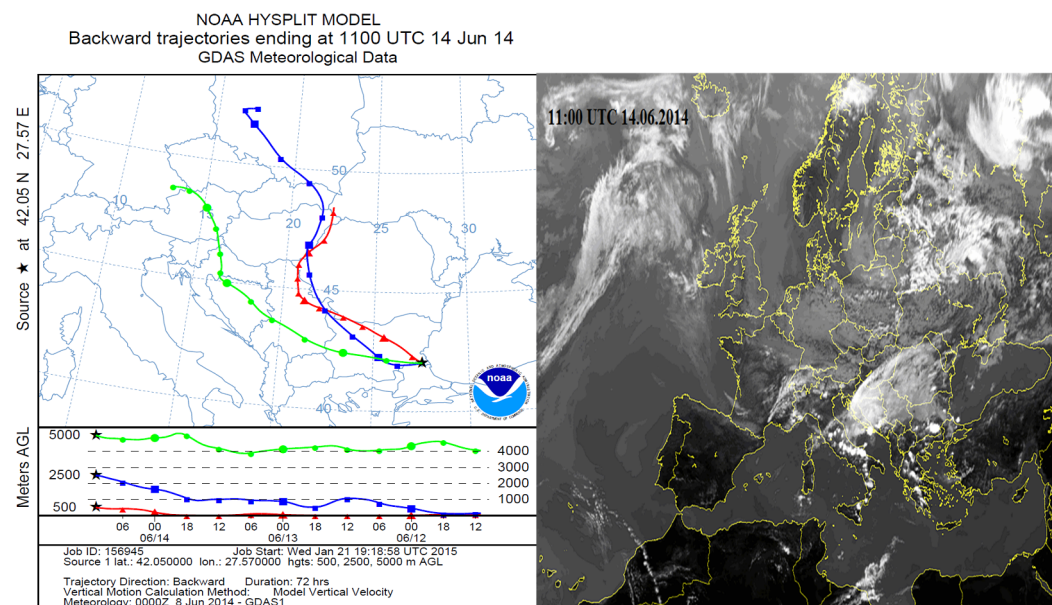
29. Burgas: 30.11.2014



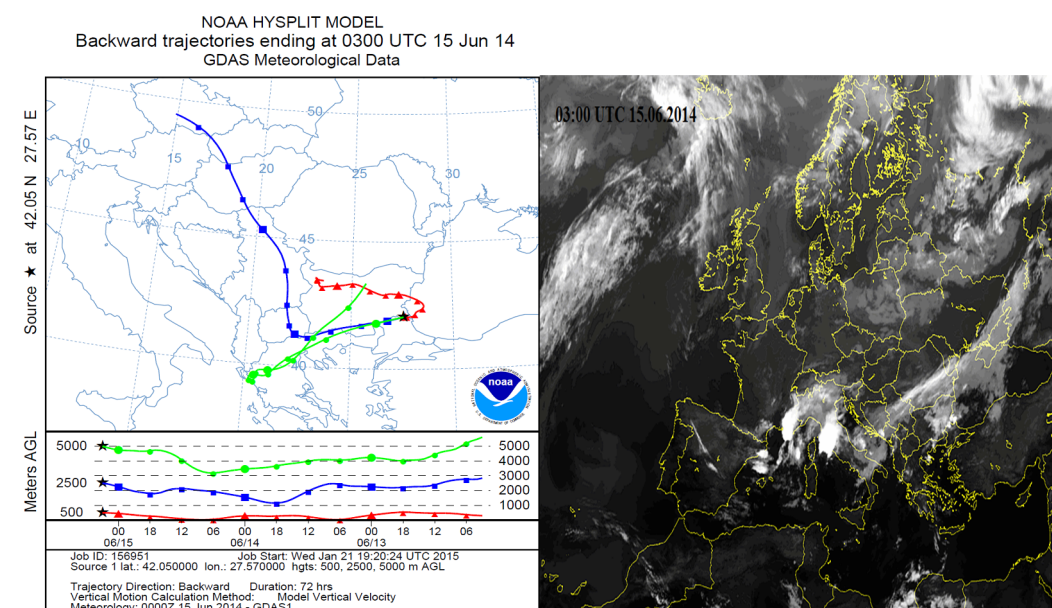
Annex A4: Back trajectories and satellite images for Ahtopol

The back trajectories are obtained by the model HYSPLIT ((HYbrid Single-Particle Lagrangian Integrated Trajectory) Model, access via NOAA ARL READY Website (<http://ready.arl.noaa.gov/HYSPLIT.php>). NOAA Air Resources Laboratory, USA. The time on the Figures is the nearest possible one to the rain starting hour.

1. Ahtopol: 14.06.2014

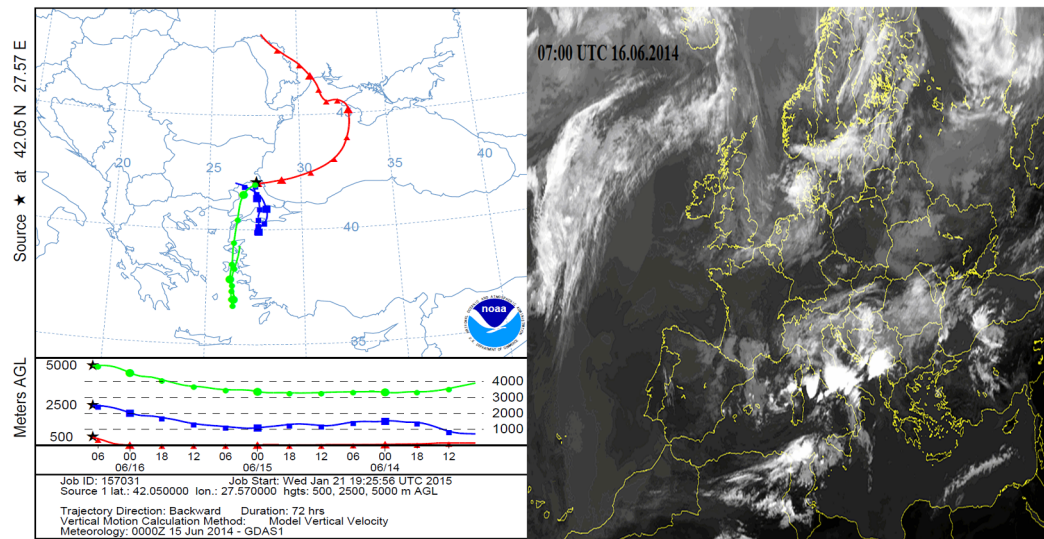


2. Ahtopol: 15.06.2014



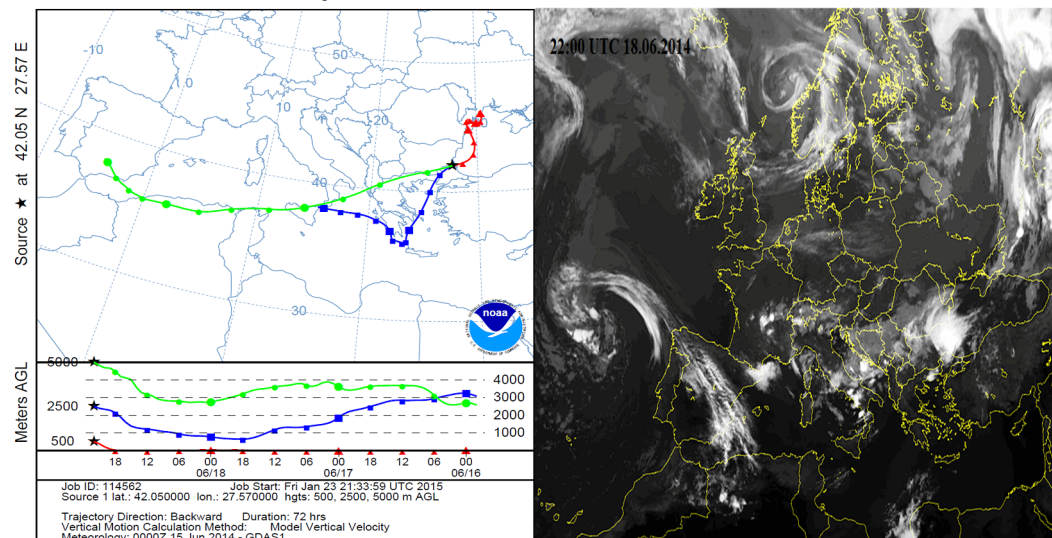
3. Ahtopol: 16.06.2014

NOAA HYSPLIT MODEL
Backward trajectories ending at 0700 UTC 16 Jun 14
GDAS Meteorological Data

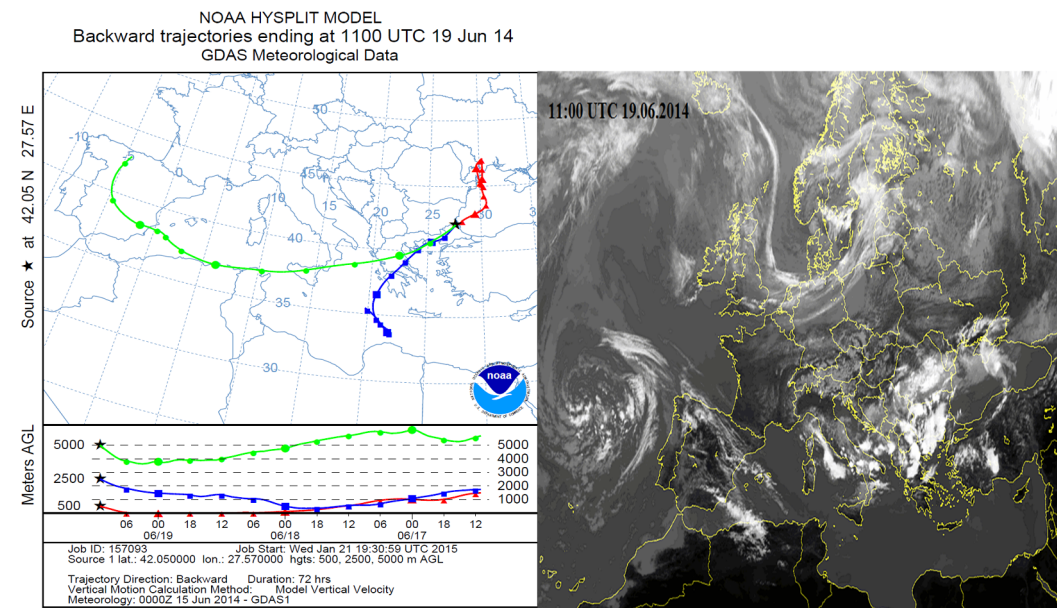


4. Ahtopol: 18.06.2014

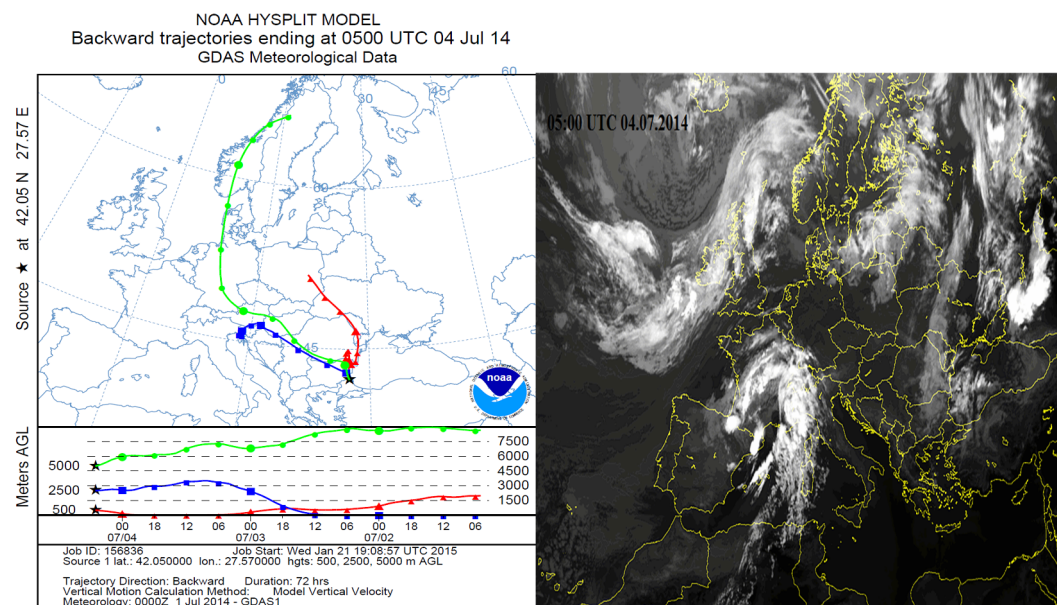
NOAA HYSPLIT MODEL
Backward trajectories ending at 2200 UTC 18 Jun 14
GDAS Meteorological Data



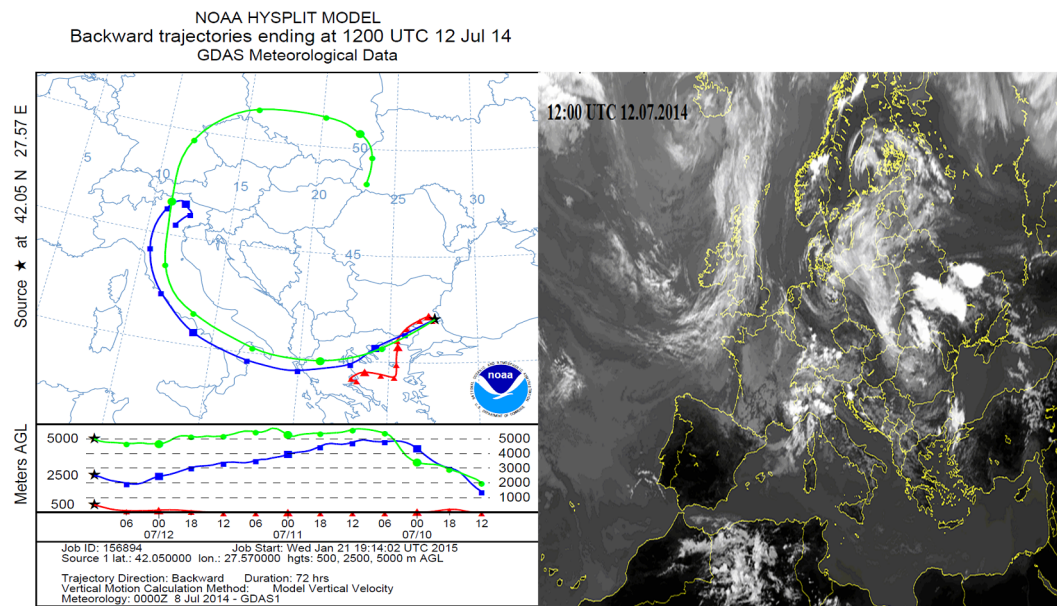
5. Ahtopol: 19.06.2014



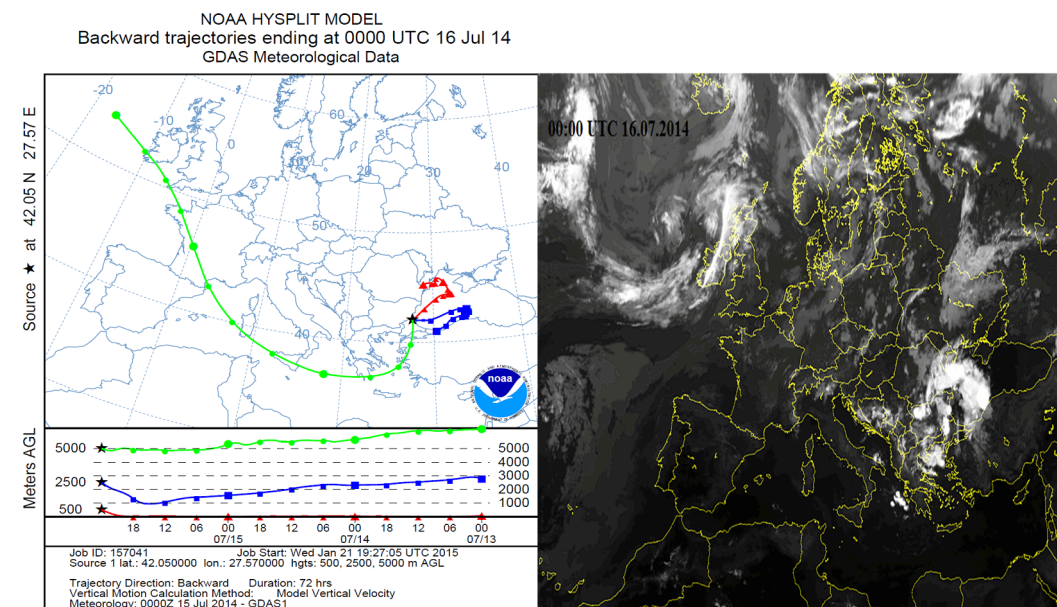
6. Ahtopol: 04.07.2014



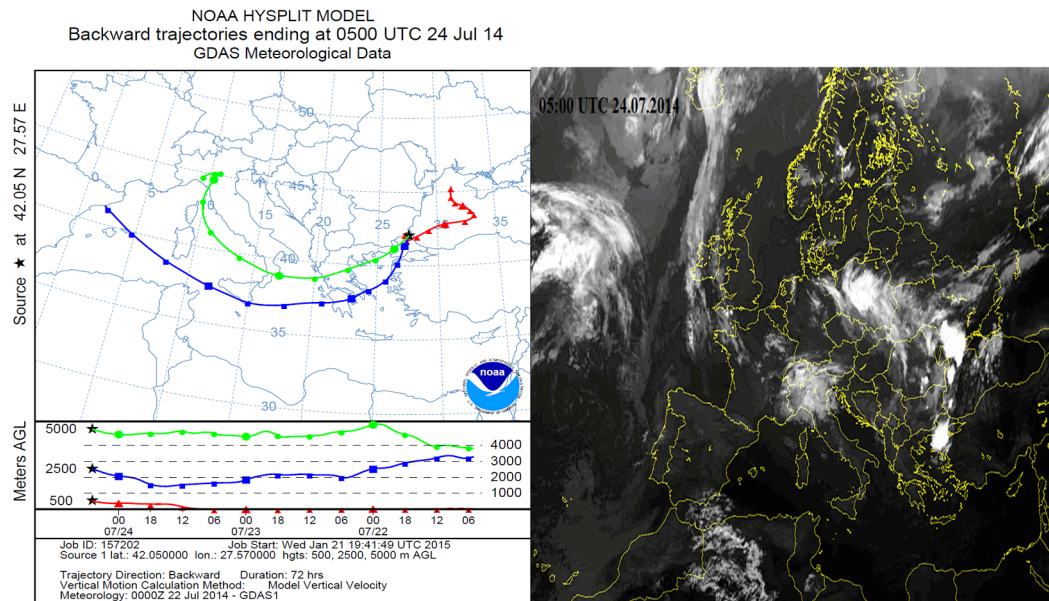
7. Ahtopol: 12.07.2014



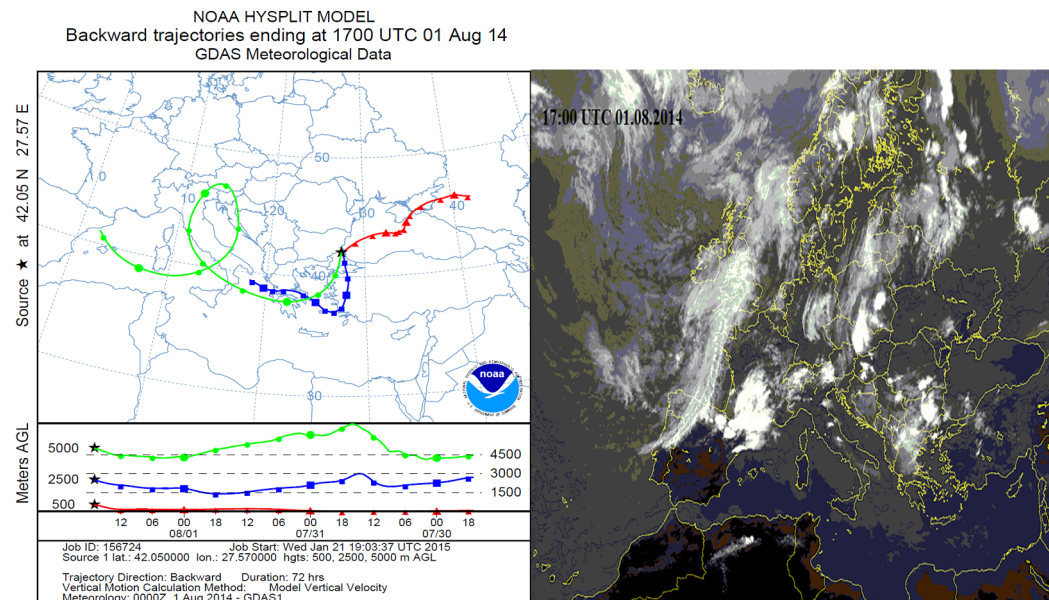
8. Ahtopol: 16.07.2014



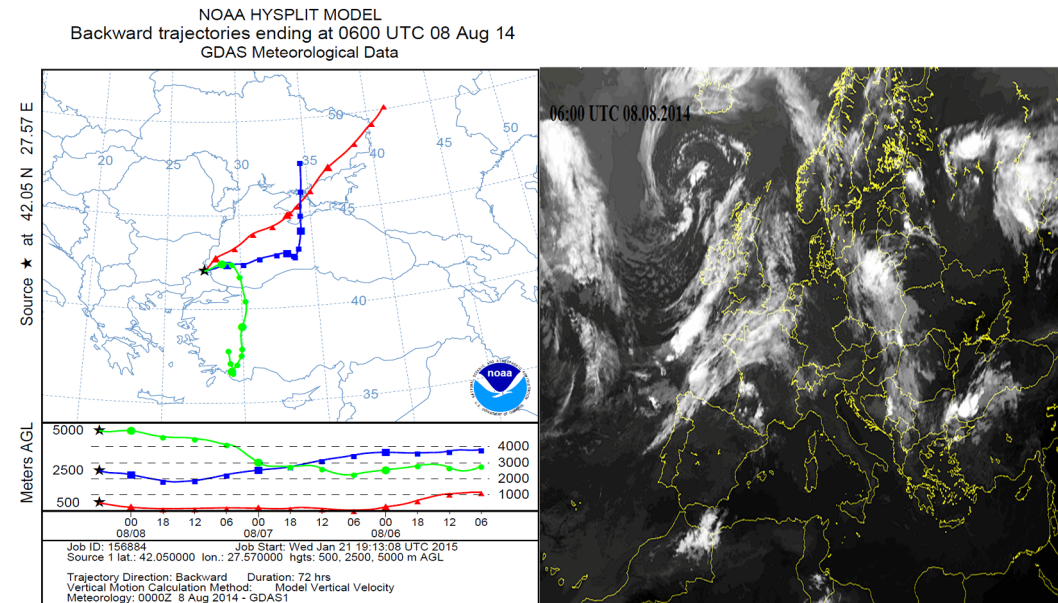
9. Ahtopol: 15.07.2014



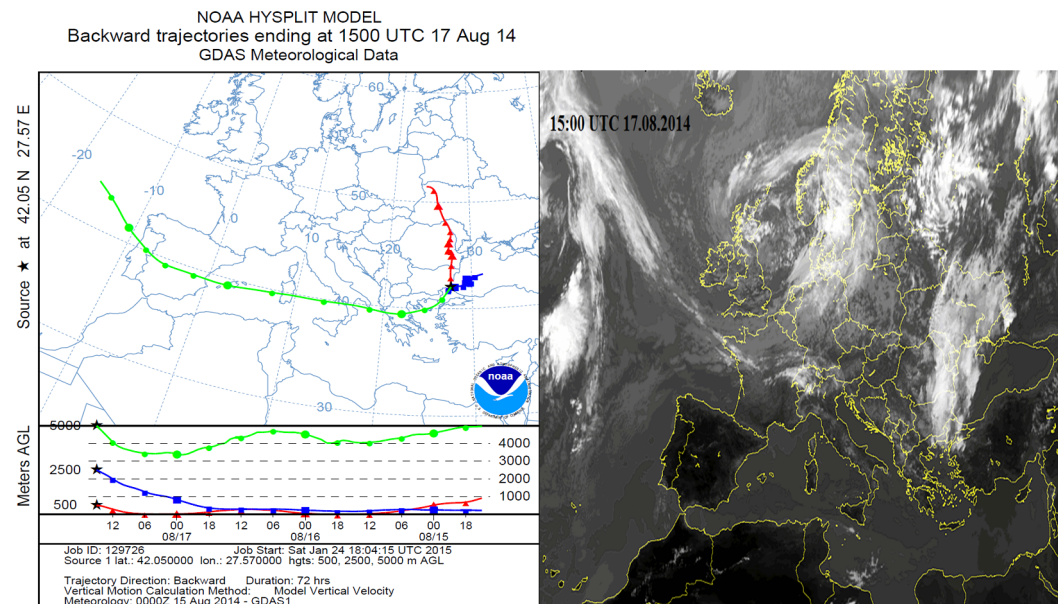
10. Ahtopol: 01.08.2014



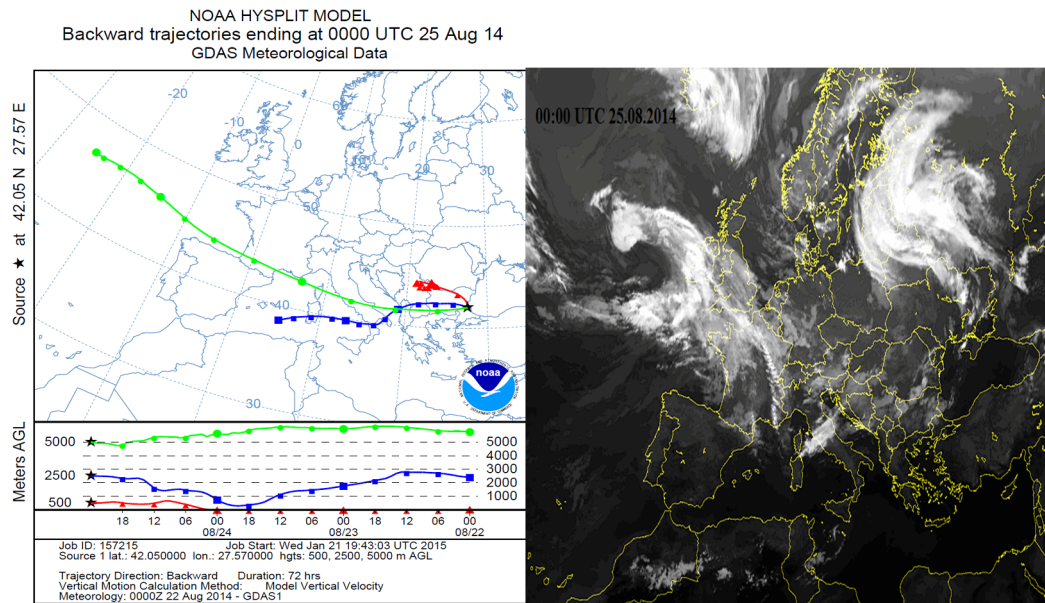
11. Ahtopol: 08.08.2014



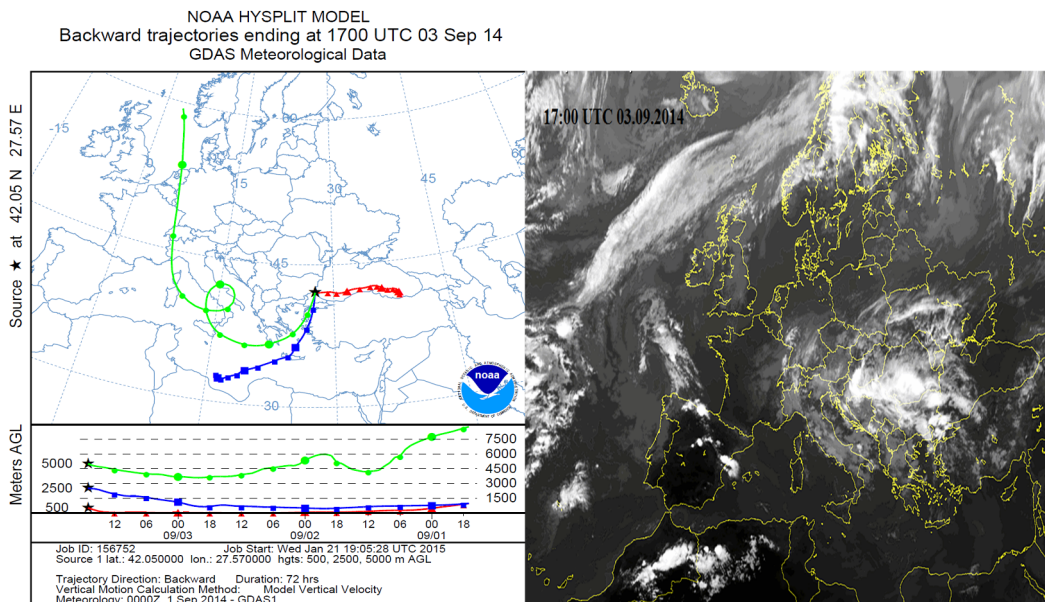
12. Ahtopol: 23.07.2014



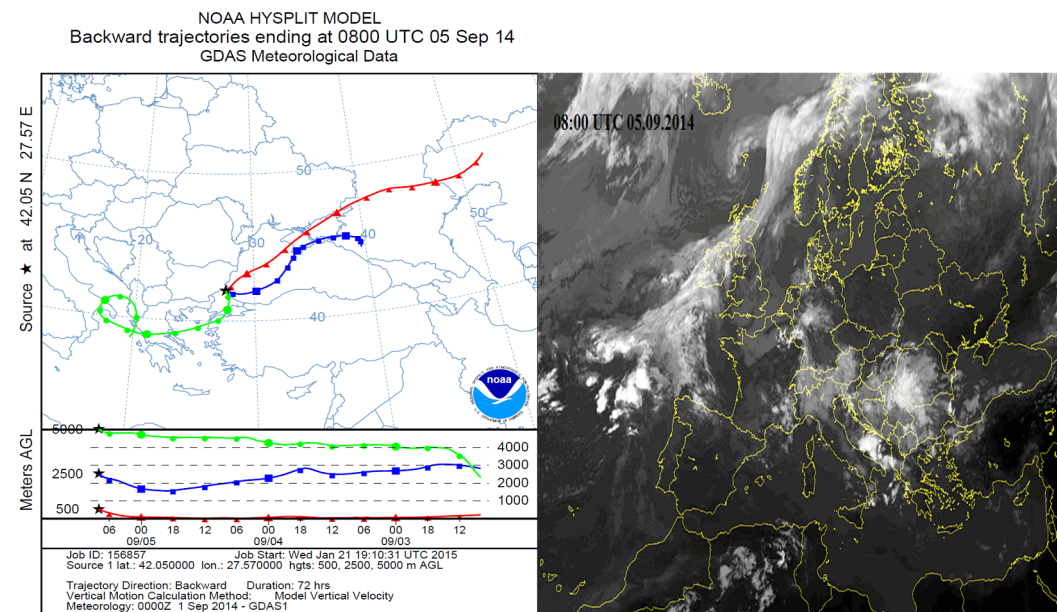
13. Ahtopol: 25.08.2014



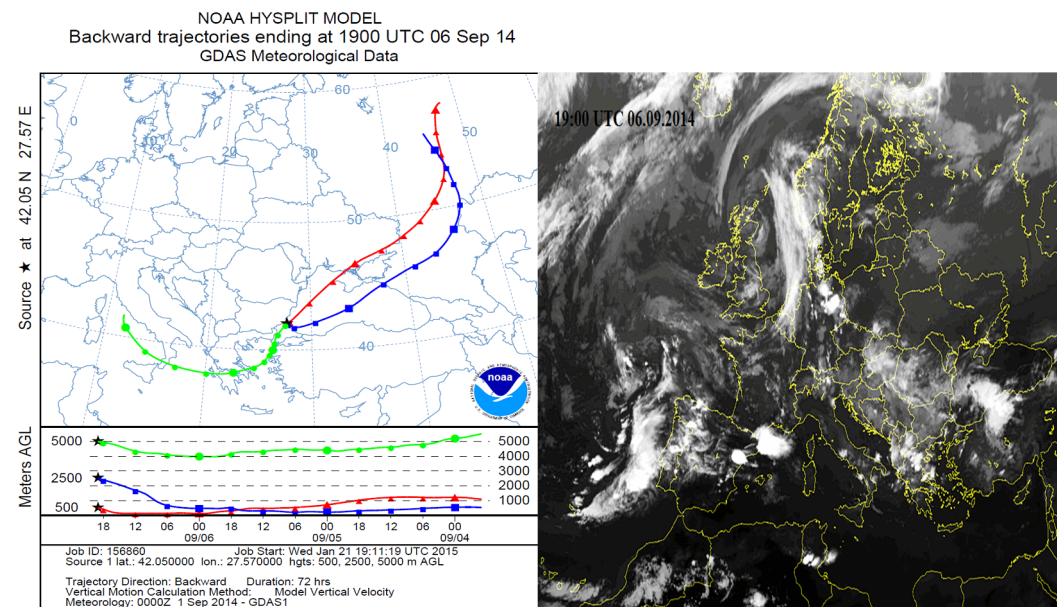
14. Ahtopol: 03.09.2014



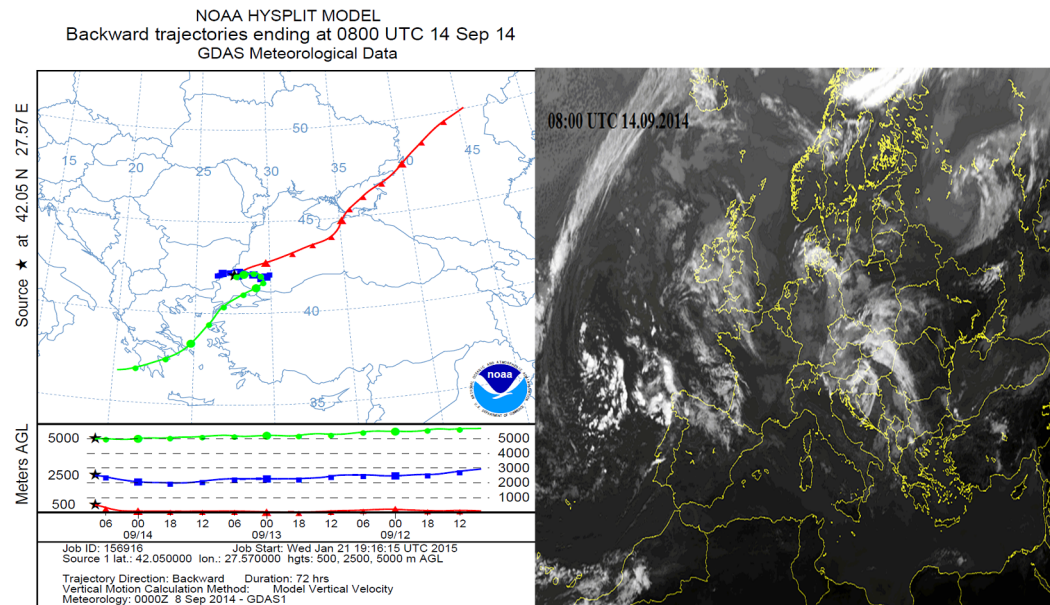
15. Ahtopol 05.09.2014



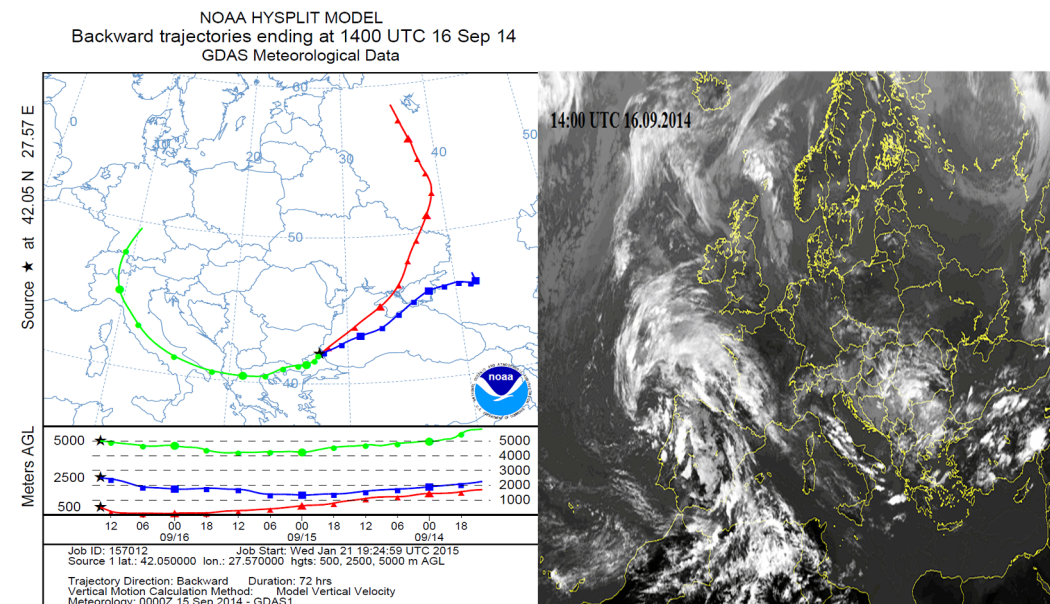
16. Ahtopol: 06.09.2014



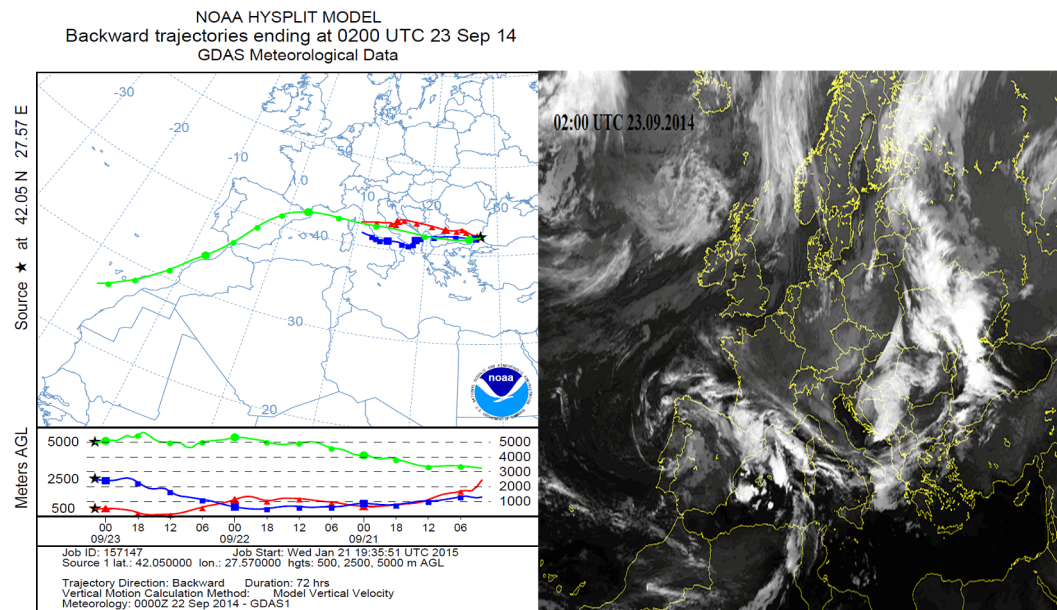
17. Ahtopol: 14.09.2014



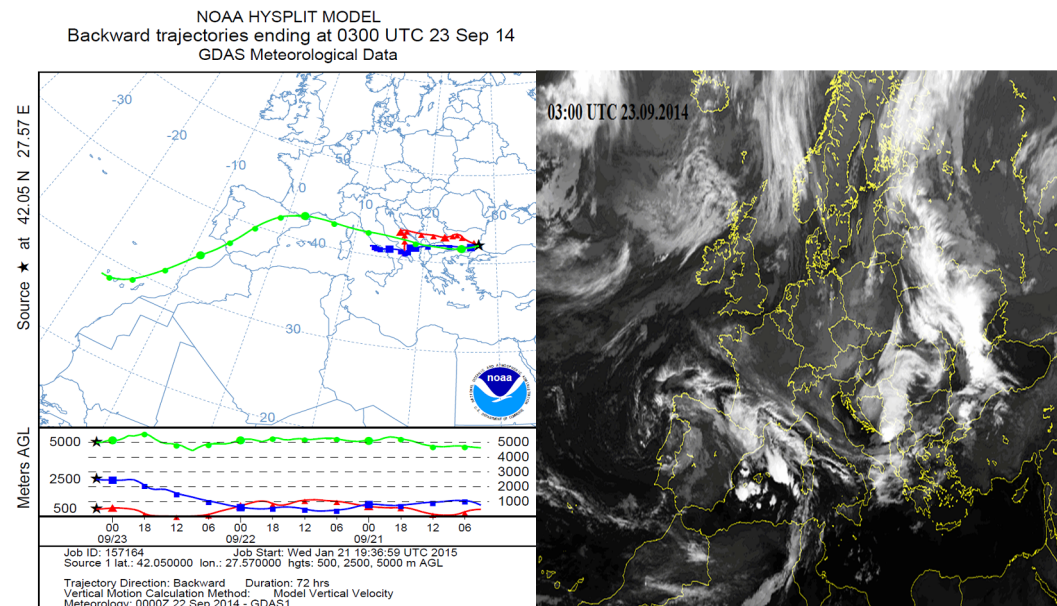
18. Ahtopol: 16.09.2014



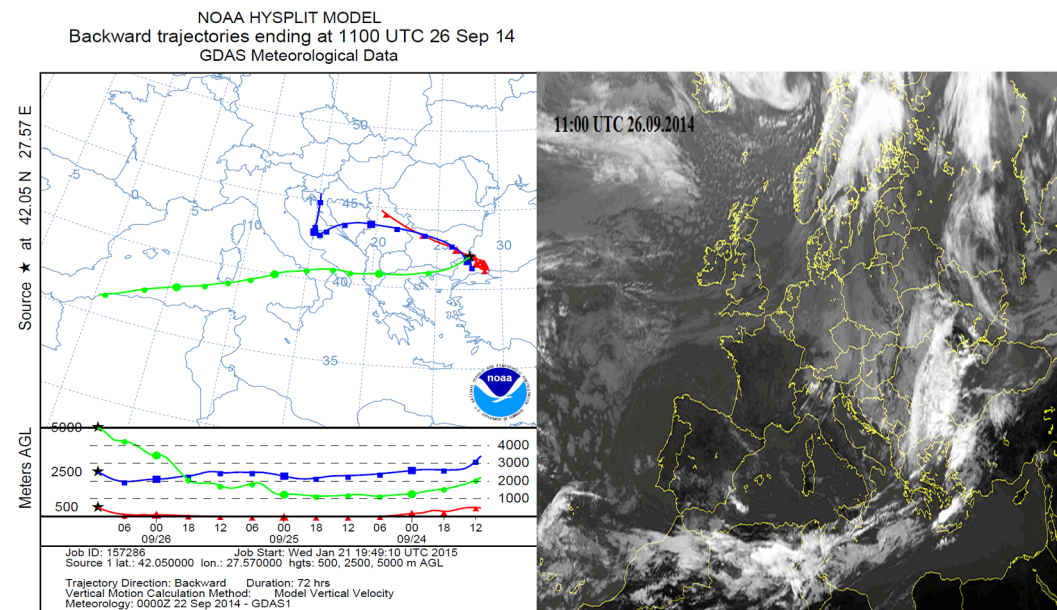
19. Ahtopol: 23.09.2014



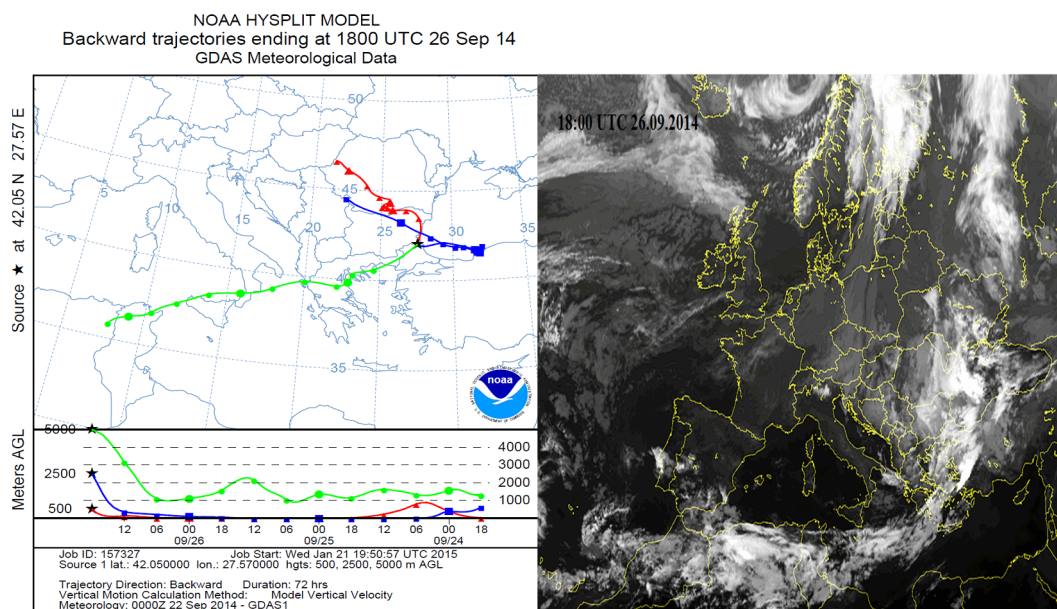
20. Ahtopol: 23.09.2014



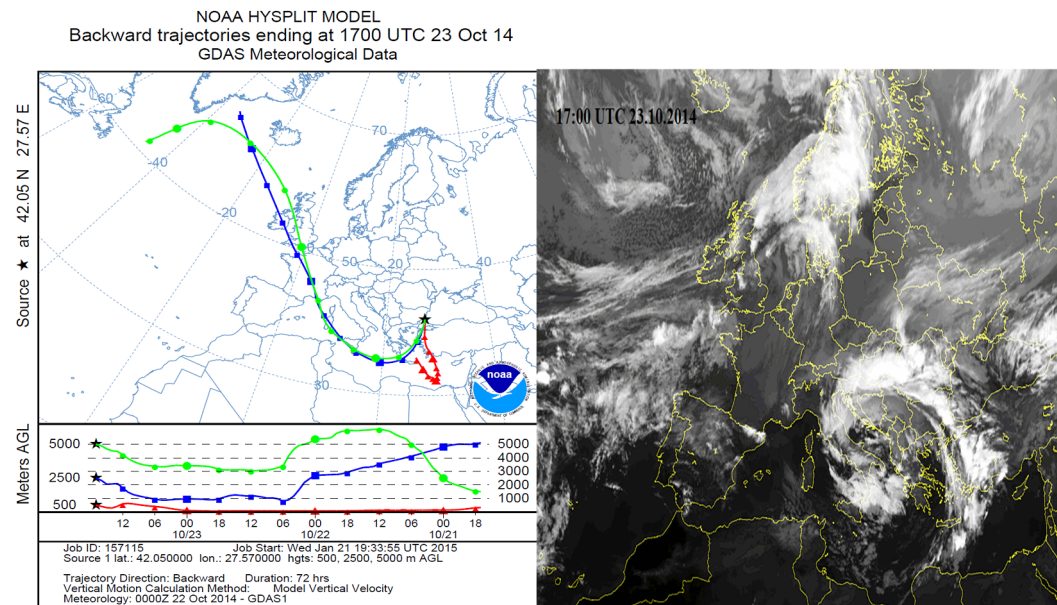
21. Ahtopol: 26.09.2014



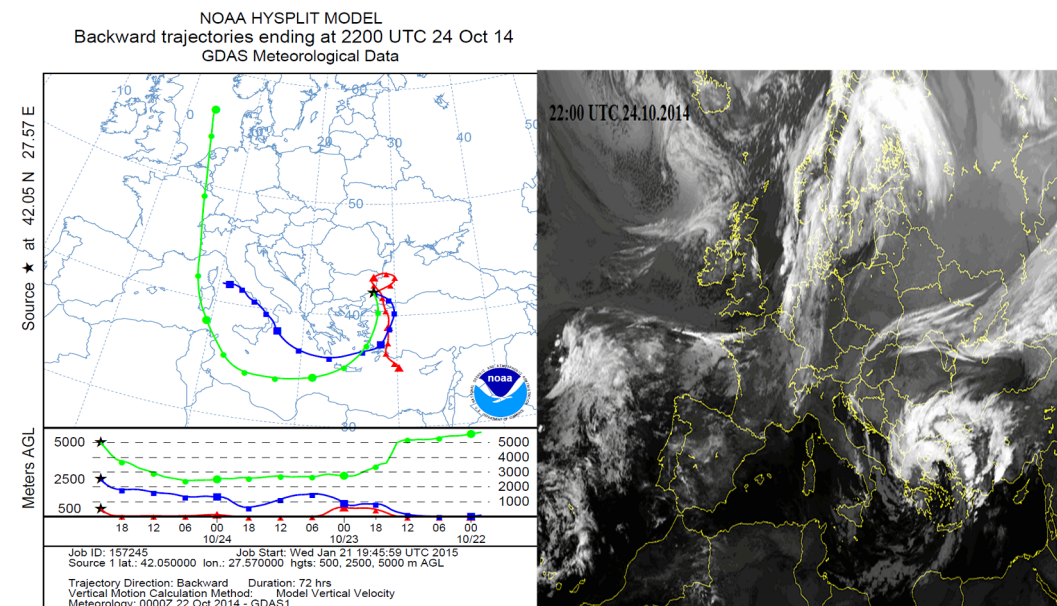
22. Ahtopol: 26.09.2014



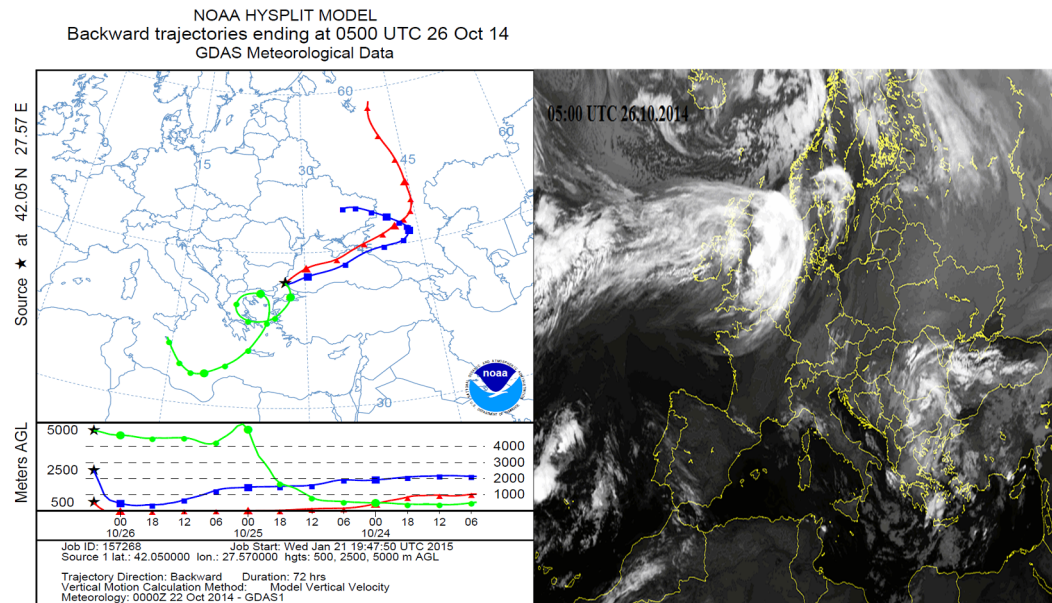
23. Ahtopol: 23.10.2014



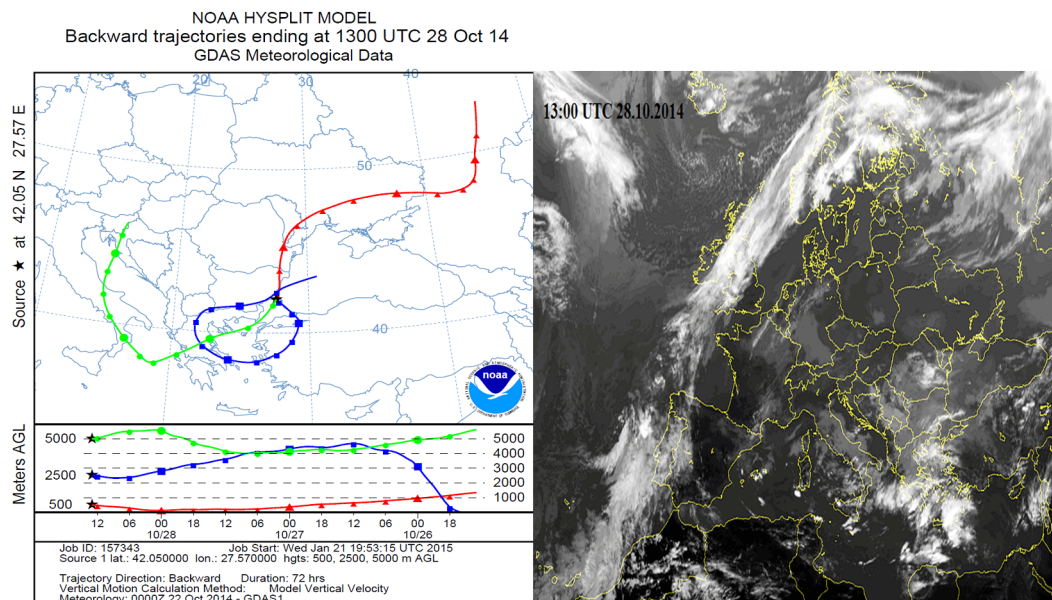
24. Ahtopol: 24.10.2014



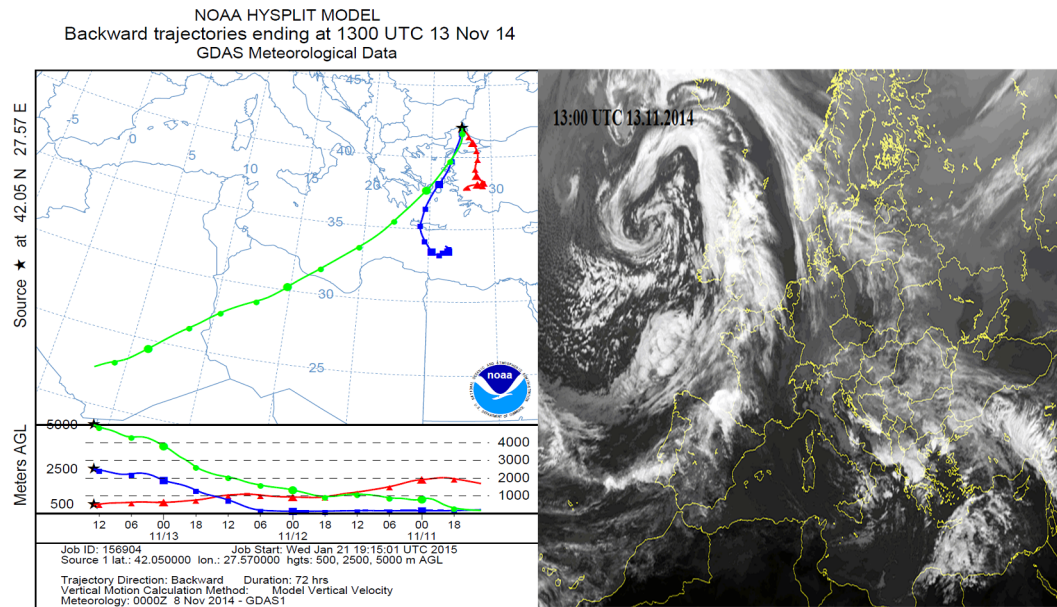
25. Ahtopol: 26.10.2014



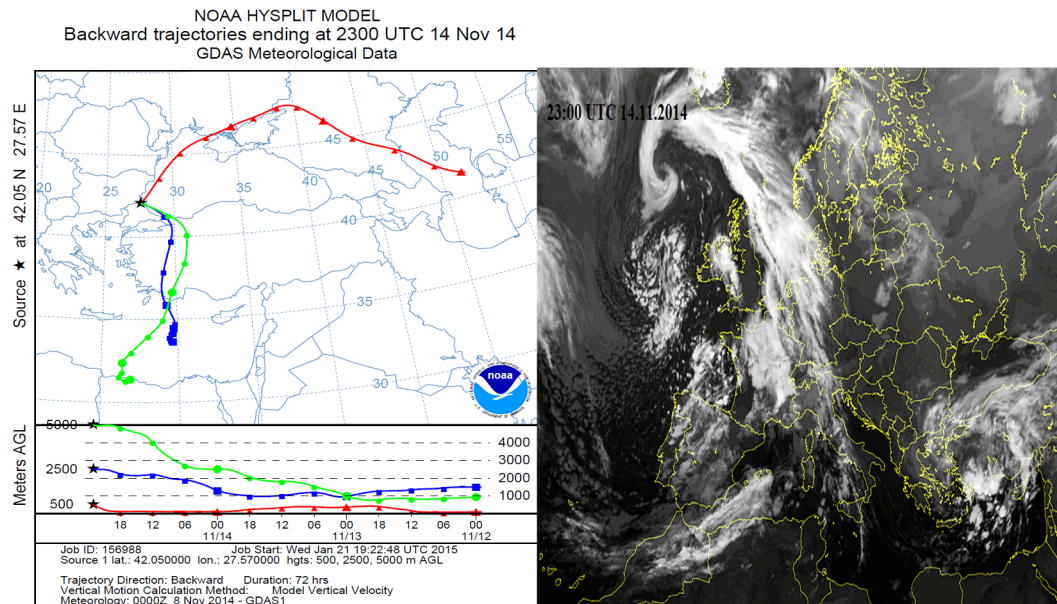
26. Ahtopol: 28.10.2014



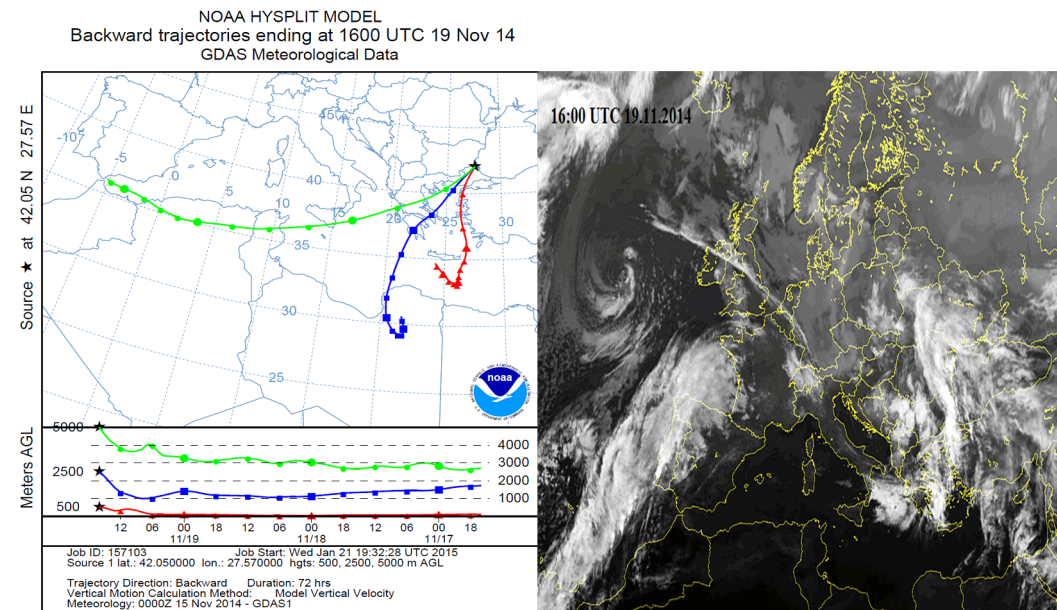
27. Ahtopol: 13.11.2014



28. Ahtopol: 14.11.2014



29. Ahtopol 19.11.2014



30. Ahtopol 24.11.2014

