

# 1 Plume direction indication for the "Easy Case"

Trajectories starting at Borssele at 4 successive timesteps provide an indication of the plume direction. The trajectory calculations are based on analysed weather only. Dispersion calculations using more advanced models and using an ensemble of forecasts may therefore result in different plume direction. Therefore the trajectory results provided here are only meant as indicative information.

The plots show the trajectories for locations at and near Borssele, starting at different heights ranging from 10m to 500m above surface.

Borssele site location: 51.43 N, 3.718 E

Stack height: 60m

Trajectories are calculated starting at respectively 6 UTC, 12 UTC and 18 UTC. Length of calculation is 6 hours.

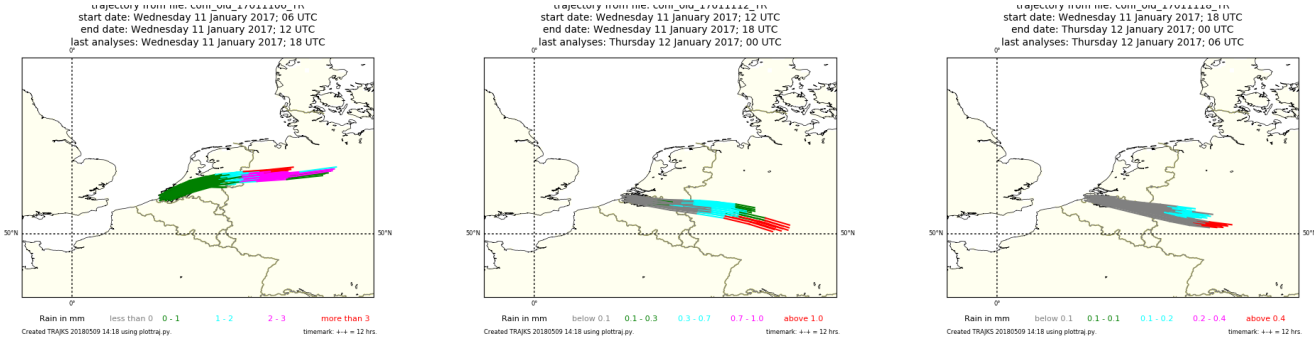


Figure 1: 6 hour trajectories starting at 11 January 6 UTC, 12 UTC and 18 UTC. Color code is used for precipitation along the trajectory, ranging from grey, green, cyan, magenta to red. Where grey is used for no significant precipitation.

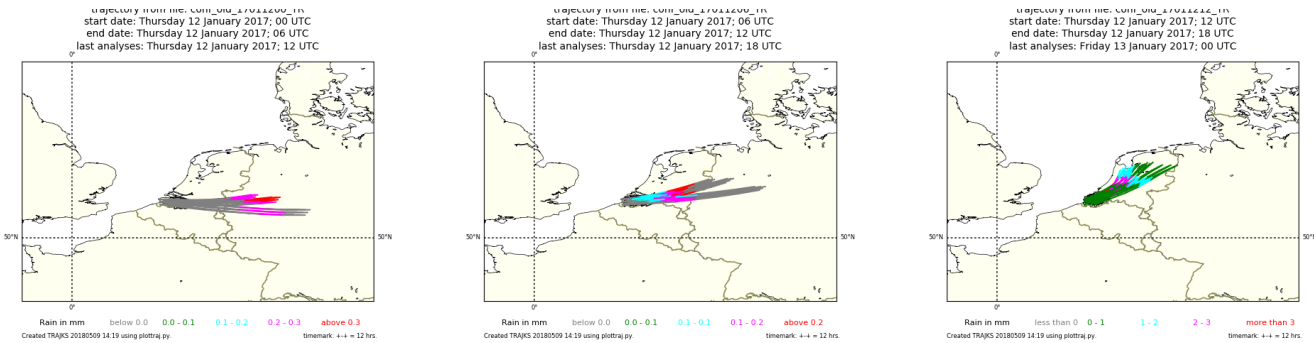


Figure 2: 6 hour trajectories starting at 12 January 0 UTC , 6 UTC and 12 UTC.

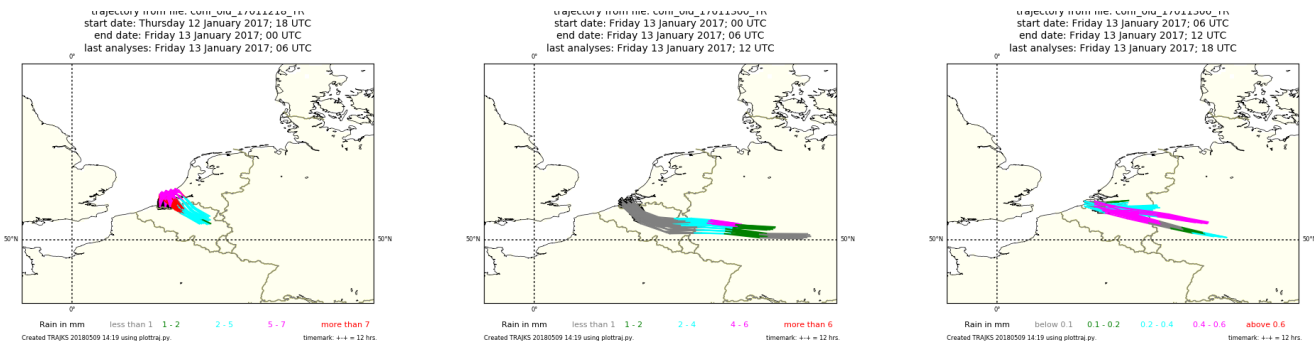


Figure 3: 6 hour trajectories starting at 12 January 18 UTC and 13 January 0 UTC and 6 UTC