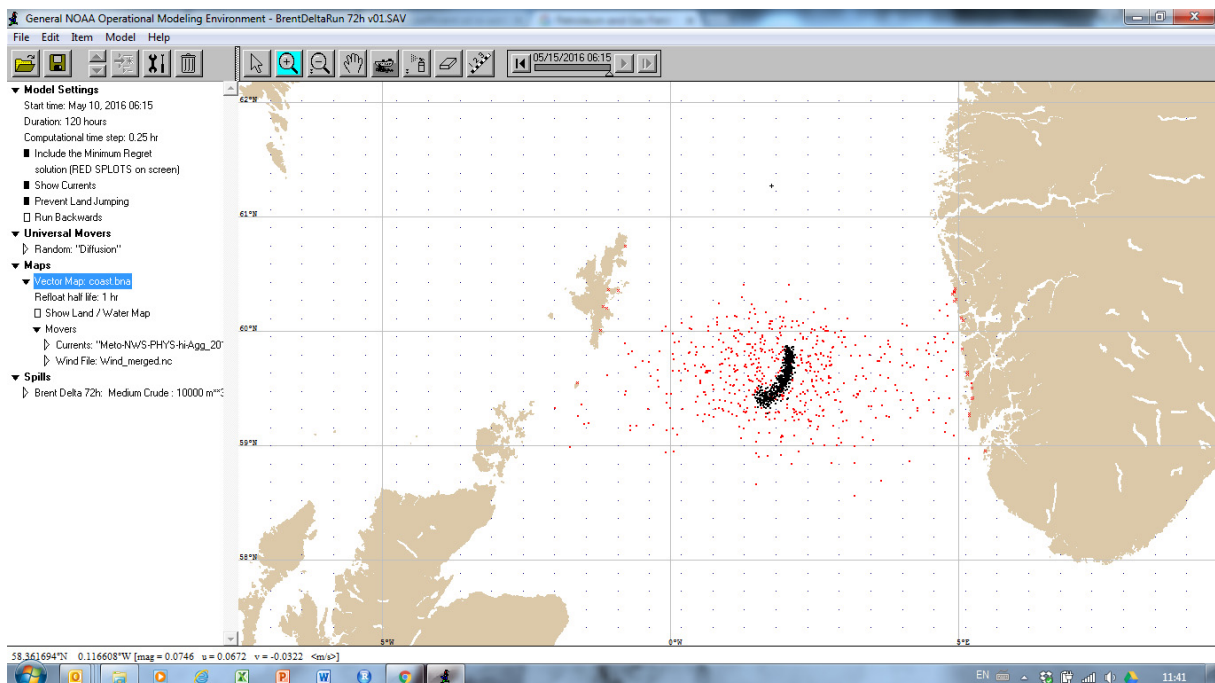


# 48h update oil leak challenge

An “Oil Platform leak” challenge was performed by IMARES with the objective to test the adequacy of data currently available for the North Sea basin for impact assessment of an oil spill as part of emergency response. On Tuesday, May 10, 2016 11:24 AM, we received an email from DG MARE with the notification that about 5000m<sup>3</sup> of oil per day leaked from the Brent Delta Platform with an expected duration of 48 hours. A preliminary impact assessment was provided 24h after the spill. Here we provide a 48h update of the assessment.

Based on model simulations, it is expected that (120 hours after the spill) 41% is evaporated and dispersed, and 59% is floating. As a worst case, a small amount of spilled oil could beach, posing a threat to coastal habitat/species in the UK and Norway, as indicated by the red dots on the coast lines (beached oil) in the figure below. The most notable change is that the best guess trajectory (black dots) for the spill is moving further south, and stays well away from shore. The potential threats (no regret) to the coast are expanding southward. The northernmost locations are the first where increased vigilance is advisable, starting in the afternoon of Thursday 12 May (today).



Screenshot (taken from Gnome) of the impacted location after the Brent Delta spill according to the best guess and no regret simulation. Time shown is 15 May 06:15.