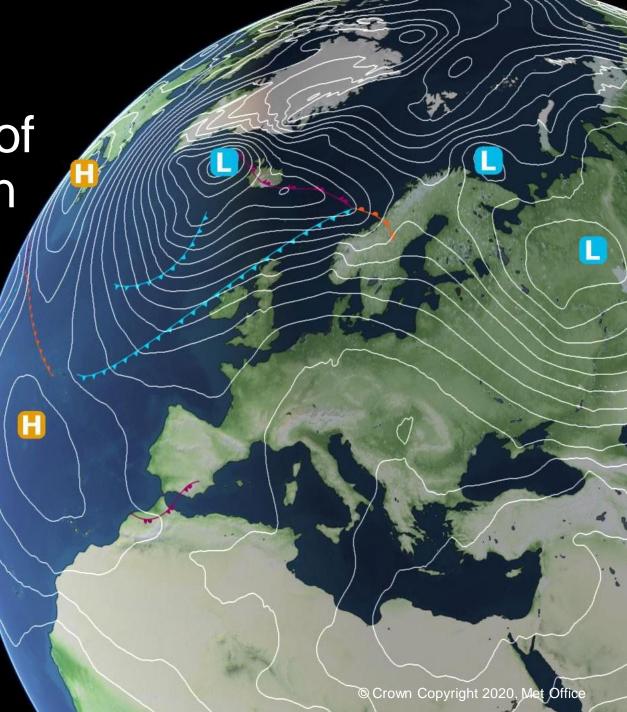


Demonstrating the impact of modelling coupled irrigation over the Iberian semi-arid environment

Heather Rumbold, Jennifer Brooke, Martin Best, Adrian Lock, Margaret Hendry

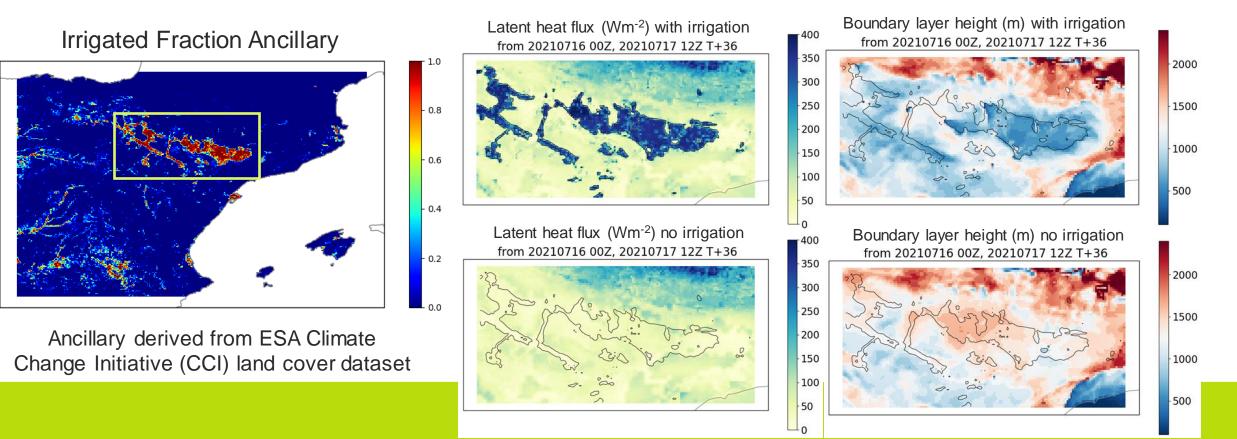




Met Office Impacts of irrigation in UM Simulations

Aims:

- Improve our ability to model a heterogenous irrigated land surface
- Understand the impact of irrigation on the terrestrial water fluxes, surface fluxes and the atmospheric evolution in UM simulations.
- Testing irrigation code using the UM Regional Nesting Suite over a 2.2km domain centred around the LIAISE field campaign area of north-eastern Spain



Met Office Latent & Sensible Heat Flux, La Cendrosa

