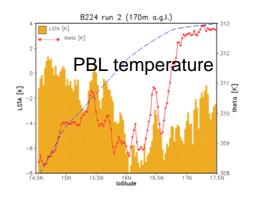
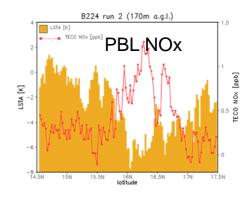


JULES in AMMA Phil Harris



- African Monsoon Multidisciplinary Analyses:
 - Major international programme focussing on W. Africa
 - CEH interest in coupling between surface and atmosphere (e.g. soil moisture impact on storms)
 - Using JULES to provide estimates of surface state variables and fluxes at high spatial resolution
 - Need this to interpret aircraft obs and initialise mesoscale simulations





Fine scale structure in surface moisture produces gradients in PBL

JULES simulations

