

# ECMWF "Forecast Issues" and "Forecast User Guide" updated

The "[Known IFS forecasting issues](#)" web page, and the online "[Forecast User Guide](#)" have both just been updated by ECMWF. The changes relate in part to model cycle 45r1 which went live in early June.

The User Guide includes new sections, which describe how to use (a) new [Lightning diagnostics](#), and (b) the new [Vertical Profiles](#) tool within ecCharts.