

The state of the UFS spring 2024

Hendrik L. Tolman, NOAA/NWS/OSTI

The Unified Forecast System (UFS) is rapidly becoming a full open source research and operations capability. NOAA uses the UFS to simplify its Production Suite of operational models, and to accelerate the rate of improvement of the Production Suite. The broader research community uses the UFS to accelerate research, and simplify the Transition to Operations process. The poster will lay out the present state of development of the UFS in terms of which community models are presently making up the base code stack of the UFS (now for the first time identifying MPAS as a possible part of this stack), and how this code stack maps to UFS application releases, UFS applications in production and UFS applications in research.