VICEPRESIDENCIA TERCERA DEL GOBIERNO

MINISTERIO PARA LA TRANSICIÓN ECOLÓGICA Y EL RETO DEMOGRÁFICO

AEMet Agencia Estatal de Meteorología

Latest updates at AEMET

Tomás Gutiérrez

Head of the operational forecasting area

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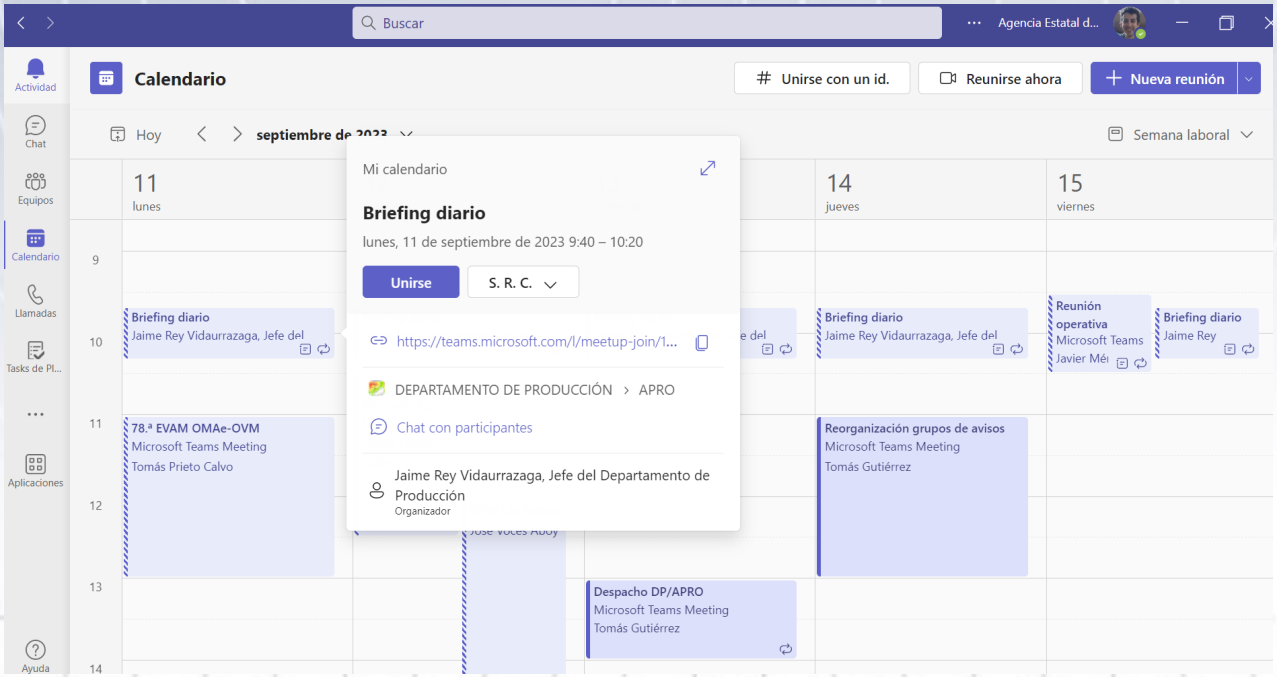
Provision of services

- Since last year forecasters are allowed to work from home up to 60 % of their shifts.
- This organisational scheme is intended to become permanent, if approved by the aeronautical supervision authority.
- This change is now preapproved by the aeronautical supervision authority. We expect that it will be approved for good with minor changes.



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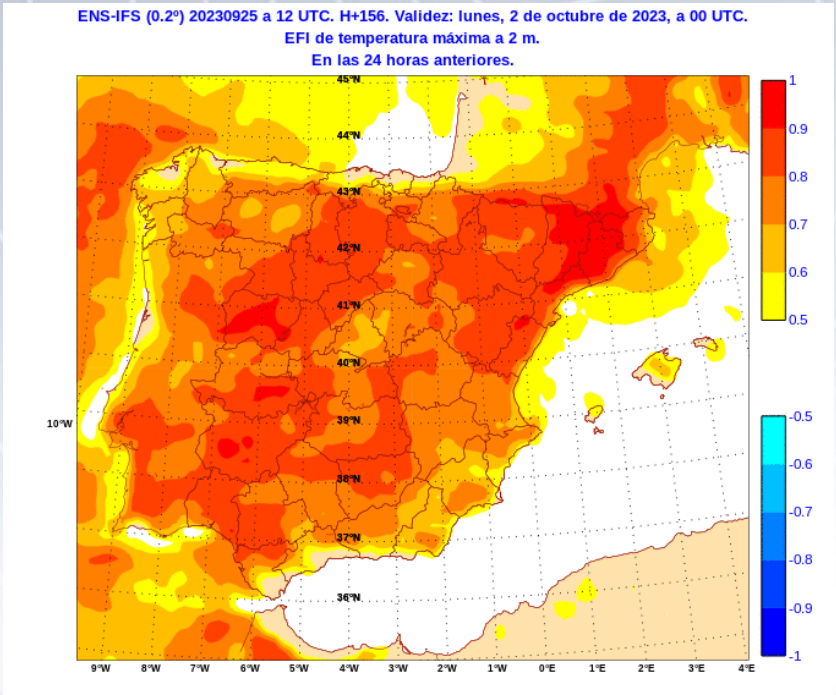
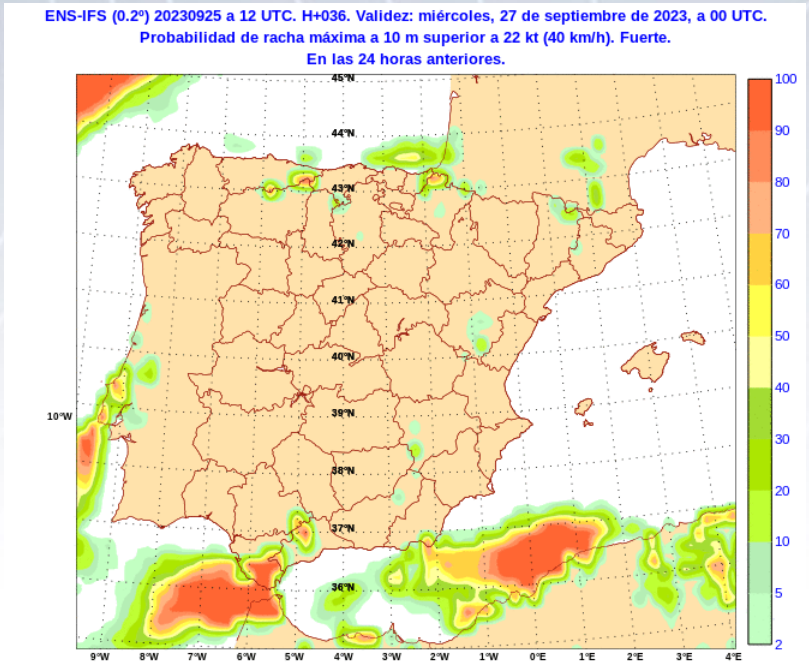
Integration of new ECMWF cycle

- The new ECMWF cycle has be implemented in the internal production.
- However, the gribs used have still a resolution of 18 km.
- We expect to have the higher resolution in the following month.
- We are working in a project to define new ensemble derived products.





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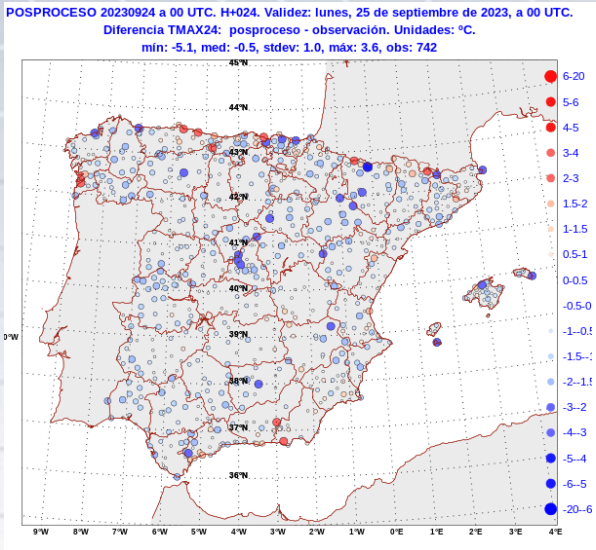
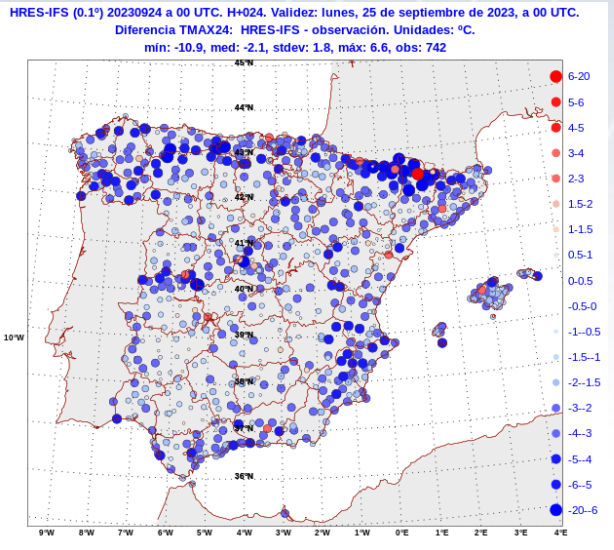
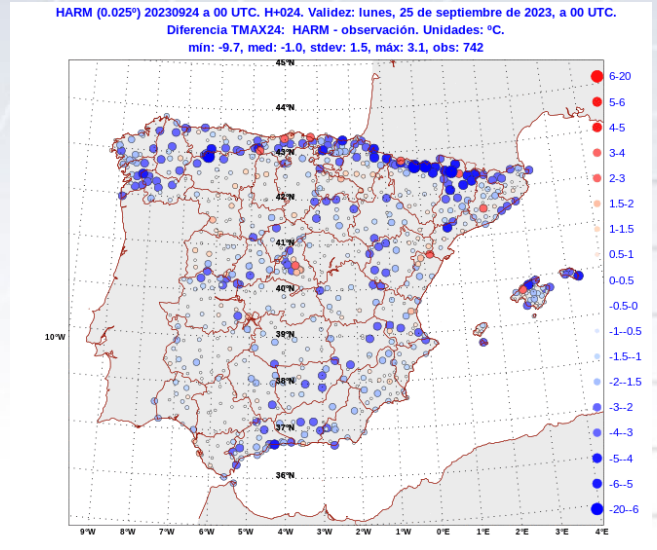
Verification of post-processing of temperature

- Last spring the verification of a statistical post-processing of maximum and minimum temperature was implemented daily.
- The scores show a much better behavior of the post-processing respect to the direct model output (ECMWF or HARMONIE-AROME).
- As the post-processing is strictly statistical, it shows worse behavior the first and second day after strong changes in the meteorological situation.







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Products oriented to forest fires

- Development of a viewer of the main variables for the management of forest fires (model output of temperature, humidity and wind intensity and direction), with thresholds chosen by the users in order to detect severe conditions.
- On request, temporal meteogram in the forest fire coordenate.
- Images precharged for the report of the meteorological situation.