

Guidance on above-normal precipitation

ID: 201705-i

Area concerned: South-western and southern Europe (from Portugal to western Turkey)

Initial statement issued on 5 December 2017

Valid: Begin: 8 December 2017 End: 18 December 2017

To: Climate Watch focal points of NMHSs: Portugal, Spain, France, Italy, Switzerland, Austria, Slovenia, Croatia, Bosnia and Herzegovina, Montenegro, the Former Yugoslav Republic of Macedonia, Albania, Greece, Turkey

The RA VI RCC Network Offenbach Node on Climate Monitoring (RCC Node-CM) is responsible for providing Climate Watch guidance information for NMHSs' own consideration for issuing climate advisories for their territory.

After having consulted the consortium partners of the RCC Node-CM and RCC Node-LRF (RA VI RCC Network Toulouse and Moscow Node on Long-Range Forecasting), RCC Node-CM issues the following guidance information:

Due to the recent weather situation (partly considerable precipitation in Spain, the Balkans and Greece during the last weeks) and the weekly, monthly and seasonal forecasts (significantly above-normal precipitation in concerned areas) we expect:

"A period with significantly above-normal precipitation for the next ten days is expected for south-western and southern Europe (from Portugal to western Turkey) with locally heavy precipitation, wind gusts, flooding and in higher altitudes with snow. A further prolongation might be possible afterwards. The probability for this anomaly is estimated to be above 60%, in the first week (11-17 December) above 80%."

This information should be used as guidance for the National Meteorological and Hydrological Services (NMHS) in a pre-operational mode. It is up to the above mentioned NMHSs to closely monitor the status and evolution of the current climate conditions and to consider issuing a national Climate Watch Advisory. RCC Node-CM would appreciate feedback from NMHS whether this information was helpful. Also, any suggestion on further pieces of information needed by NMHSs is highly welcomed!

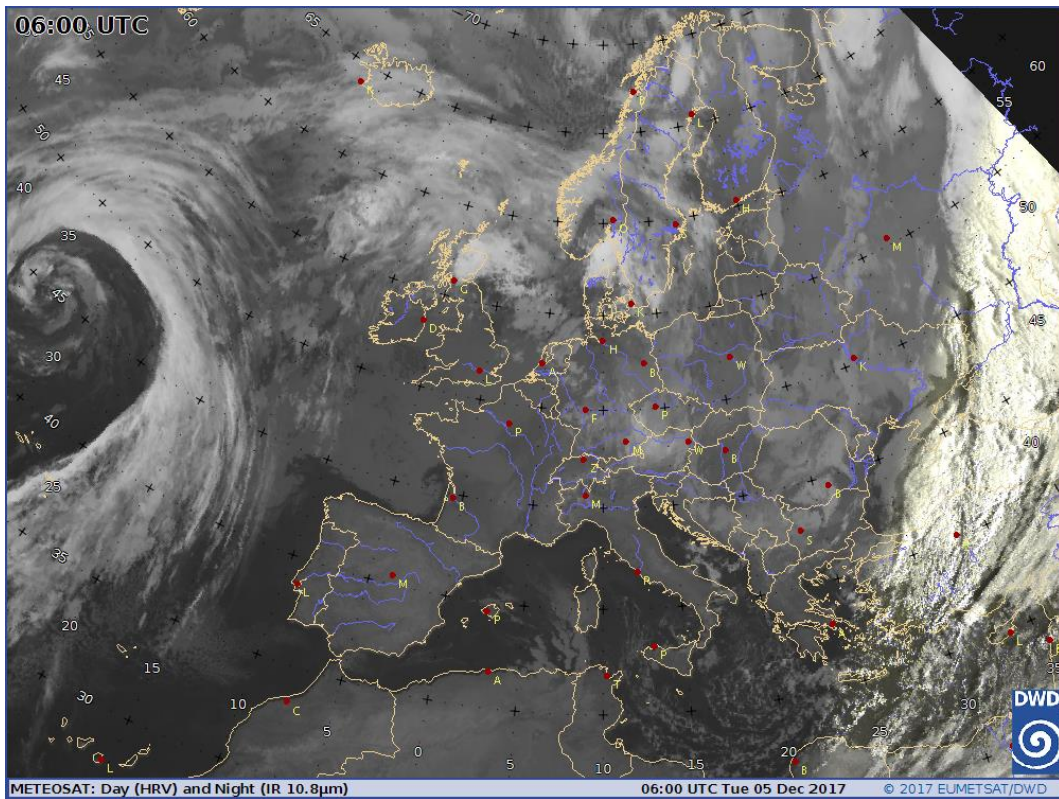
Attached we provide you with a template for a national climate watch advisory as agreed among the climate watch pilots and RCC Node-CM.

Please note that further information can be obtained from RCC Node-CM website (www.dwd.de/rcc-cm) concerning Climate Monitoring and from RCC Node-LRF websites (<http://elaboration.seasonal.meteo.fr/en/content/bienvenue>, <http://neacc.meteoinfo.ru/forecast>) concerning Long-Range Forecast or by e-mail to rcc.cm@dwd.de or rcc-lrf-mf@meteo.fr. For ECMWF member's further information on monthly forecasts after logging in is provided at <http://www.ecmwf.int/>. ->Forecasts

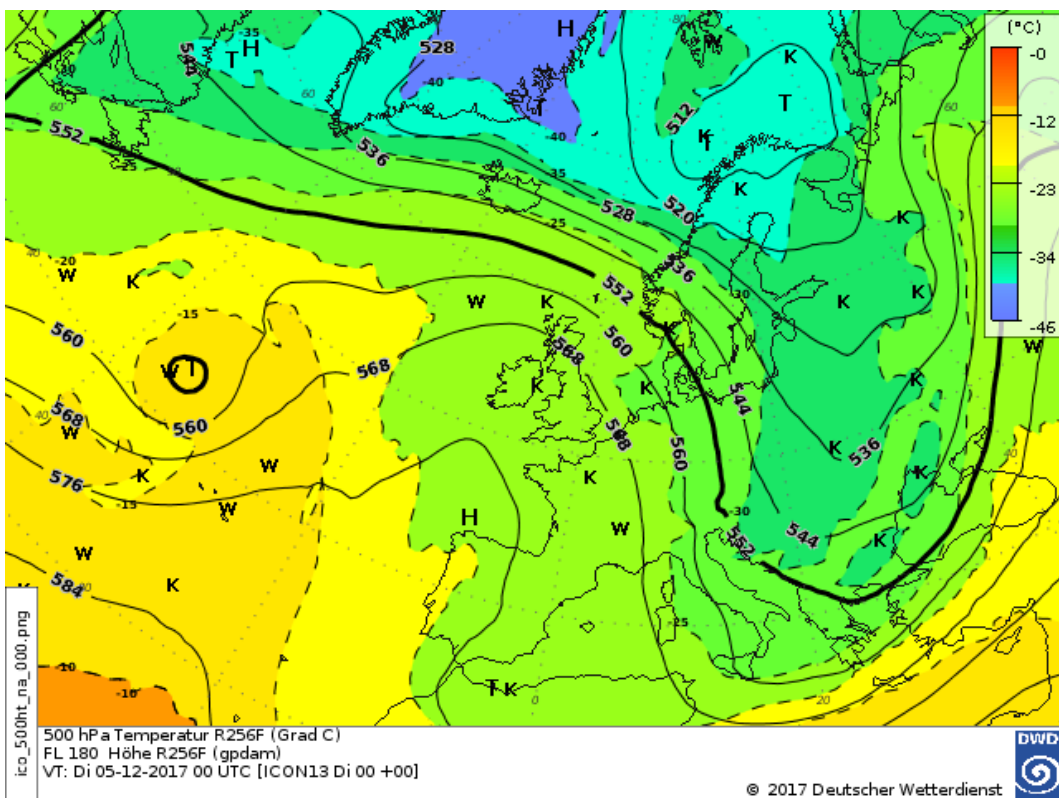
We will monitor the evolution of the anomaly, issue updates if significant change arise and close the advice when no clear signal can be detected in the forecasts.

On behalf of the RCC Node-CM Team

Climate Watch Advisory



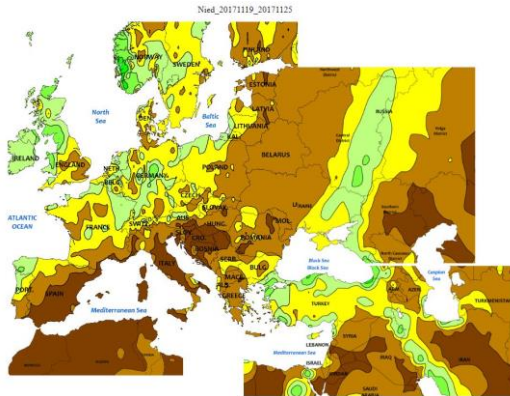
Meteosat 10 satellite image 5 December 2017, 06 UTC. Source: DWD



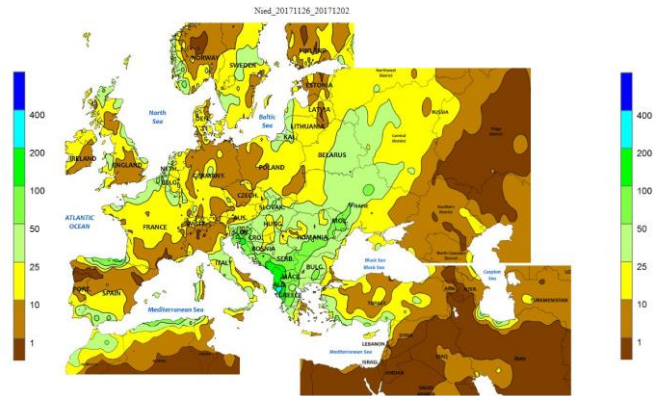
500 hPa chart 5 December 2017, 00 UTC. Source: DWD

Climate Watch Advisory

19 - 25 November 2017



26 November - 2 December 2017



Weekly precipitation totals for the last two weeks (source: Climate Prediction Center, USA)