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Report Number: CU2004/08

Warmer conditions in northern Europe. Good rains for most of the areas affected by drought except southern Spain.

OBSERVED TEMPERATURE AND RAINFALL

The temperature in the period 1-13 August was close to normal for the largest part of the continent excepting the North of France, England, The Netherlands, Germany, north-eastern Poland, Estonia and Latvia. Temperatures above 30°C were recorded in the Iberian Peninsula, France, Italy, Belgium, Holland, Germany, Czech Republic, Hungary, southern Romania, Balkan area, Turkey, eastern Ukraine and southern of European Russia.

Precipitations above the long term average (>50%) were recorded in England, northern Iberian Peninsula, France, Italy, Balkans, Romania, northern Poland, Belarus, Ukraine, northern Turkey, benefiting summer crops, especially maize in France.

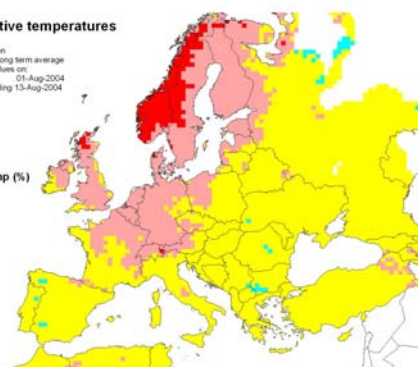
In some of those areas (like Belgium, The Netherlands, and south-eastern Ukraine) it is expected that the late harvest of winter crops was hindered due to the heavy rains. During the period the intensive rain in France, southern Romania and eastern Bulgaria could have hampered an optimal pollination for sunflower. Persistent drought conditions are still a problem for southern Spain and no alleviating rains are forecasted for the next days. Also low levels of rainfalls (below 5 mm) were noticed for coastal areas and main islands (except Corsica) in the Mediterranean Basin (especially southern Greece and Turkey). Barley harvesting benefited from the dry conditions in Denmark, eastern Germany and Hungary.

Sum of active temperatures

Percent deviation
Current year - Long term average
Cumulated values on:
Starting: 01-Aug-2004
Up to and including: 13-Aug-2004

Sum of active temp (%)

< -25
-25 - -10
-10 - 10
10 - 25
> 25

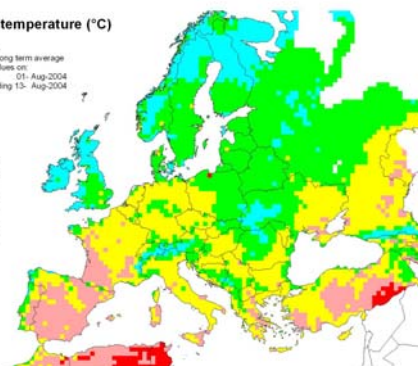


Maximum temperature (°C)

Absolute values
Current year - Long term average
Cumulated values on:
Starting: 01-Aug-2004
Up to and including: 13-Aug-2004

Tmax (°C)

18 - 26
26 - 30
30 - 34
34 - 40
40 - 49

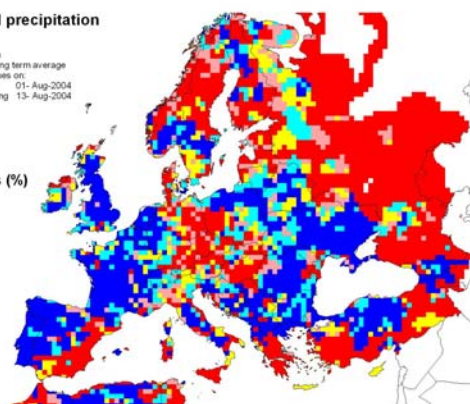


Cumulated precipitation

Percent deviation
Current year - Long term average
Cumulated values on:
Starting: 01-Aug-2004
Up to and including: 13-Aug-2004

Sum of rainfalls (%)

-100 - -50
-50 - -25
-25 - 0
0 - 50
>50

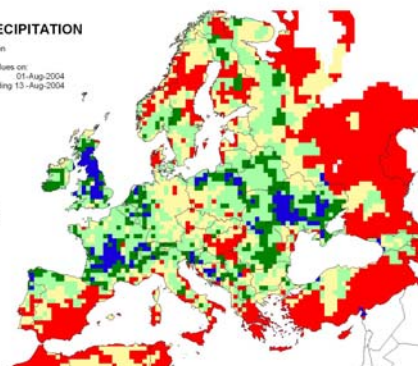


PRECIPITATION

Percent deviation
Current year - Long term average
Cumulated values on:
Starting: 01-Aug-2004
Up to and including: 13-Aug-2004

Rain (mm)

0 - 5
5 - 20
20 - 45
45 - 75
>75



NEXT DAYS SITUATION (ECMWF 10 DAYS WEATHER FORECASTS)

Still normal seasonal temperatures are expected. Beneficial rains are foreseen in southern France, possible excess of water in western UK, Benelux and Sweden.

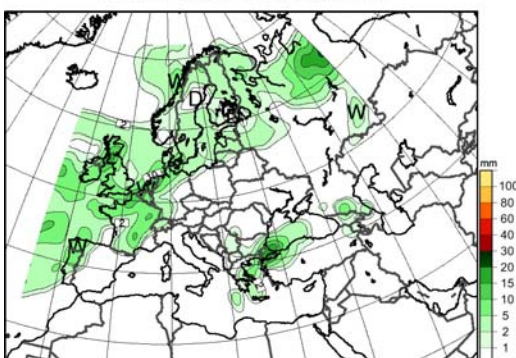
The current **synoptic configuration** is characterized by the presence on central-western Mediterranean Basin of the Africans anticyclone and by a large cyclone centred at north-west of Ireland and by a second smaller cyclone on eastern Mediterranean Basin. In the next days a cloudy front will interest the Northern Spain, France, Benelux, Germany and Sweden. In the following days, the anticyclone will expand its influence again over the European Continent.

Therefore, today and tomorrow the **temperatures** will decrease from actual values. The maximum will remain above the threshold of 30°C on the Mediterranean Countries and Balkans. From 21st a further reduction of the daily maximum will be possible in the northern Countries. Today and tomorrow, the **rains** will interest mainly central-southern France (with positive recharge of the soil reservoirs), Benelux, Western Germany, between Greece and Turkey (where could be also intense), Sweden and Southern England. The foreseen rains will have a positive effect on Spain, France and Germany. On the contrary, possible excess of water can be possible on southern Sweden, UK and Benelux.

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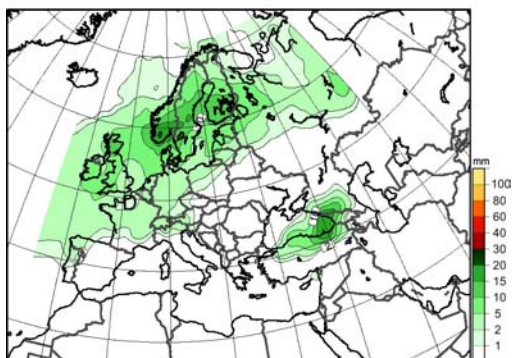
Precipitation Sum 2004-08-16
ECMWF Modelrun 2004-08-15 12z



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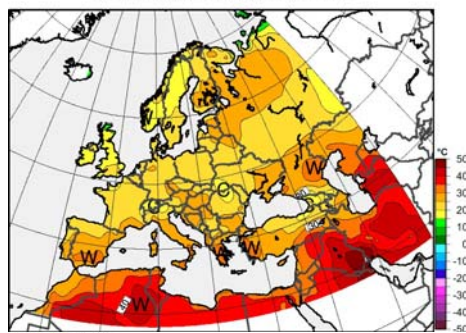
Precipitation Sum 2004-08-19
ECMWF Modelrun 2004-08-15 12z



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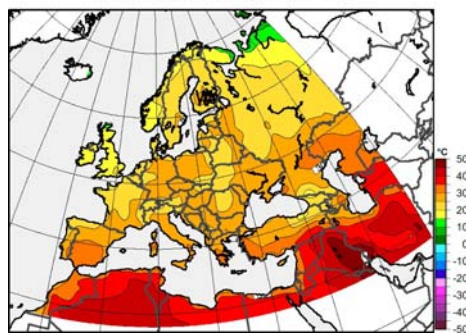
Max. Temperature 2004-08-04
ECMWF Modelrun 2004-08-01 12z



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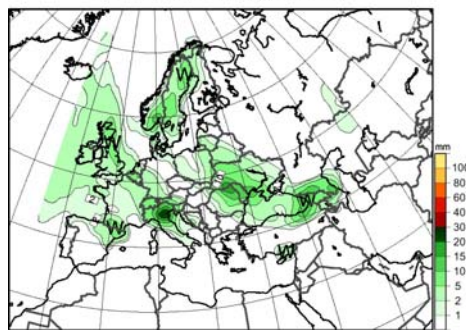
Max. Temperature 2004-08-08
ECMWF Modelrun 2004-08-01 12z



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Precipitation Sum 2004-08-04
ECMWF Modelrun 2004-08-01 12z



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Precipitation next 10 days
ECMWF Modelrun 2004-08-15 12z

