

Date: 16/06/2004
Report Number: CU2004/05

Hot and dry conditions causing concern in the Iberian Peninsula, Ireland, England and France. Rain in Central Europe, Balkans and Southern Italy.

OBSERVED TEMPERATURE AND RAINFALL

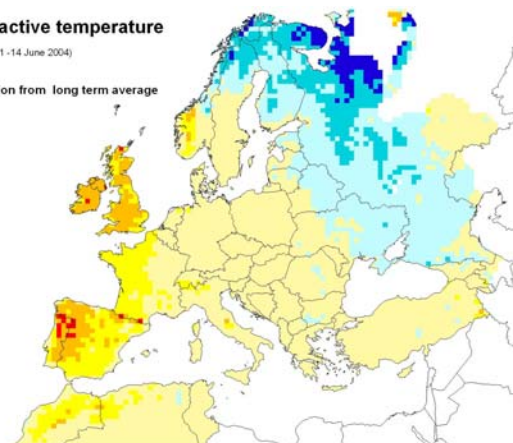
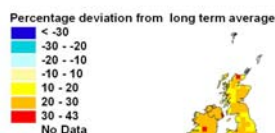
In the first half of June, the accumulated active temperatures were higher than the long term average for the western part of the Iberian peninsula (maximum temperatures up to 38°C), England and Ireland (about +25%). Eastern Spain and western France experimented also hot weather conditions but in a lower degree (about +15%). The eastern Europe (starting with Finland, Estonia, eastern parts of Latvia, Belarus, Ukraine and Russia) were cooler than usual (-15%). Thermal conditions for the rest of the continent remained close to normal.

Portugal, Ireland, large part of France (including the Centre region), Denmark, the Netherlands, Northern Germany and south-western Ukraine already the subject of droughty conditions didn't receive expected rainfalls; meanwhile some beneficial rainfall was received in eastern France. Czech Republic, Slovakia, Austria, Hungary, Balkan countries, southern Romania, southern Italy (except islands), and northern Greece received more rainfalls (over +30%) than expected according to long term average.

In Czech Republic and some Balkan areas (especially in Bulgaria), the intensity of the rainfalls (40–80mm) was considerable and in association with wind may lead to lodging problems for winter crops on limited areas.

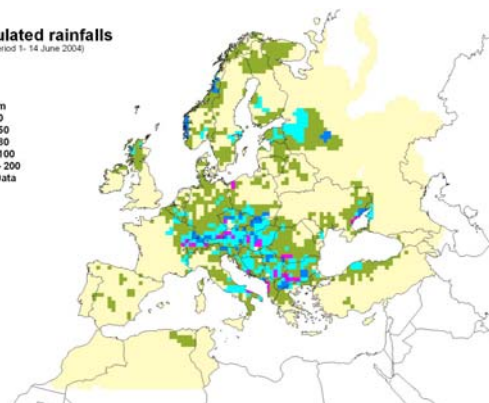
Cumulated active temperature

(Period from 1-14 June 2004)



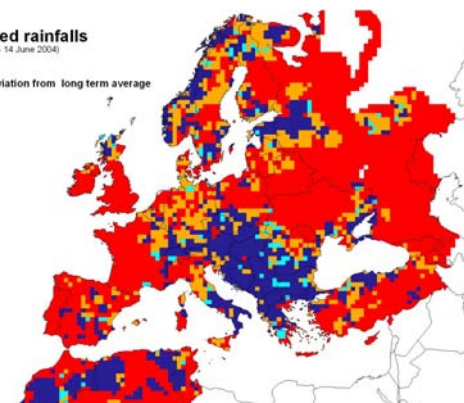
Cumulated rainfalls

(Period 1-14 June 2004)



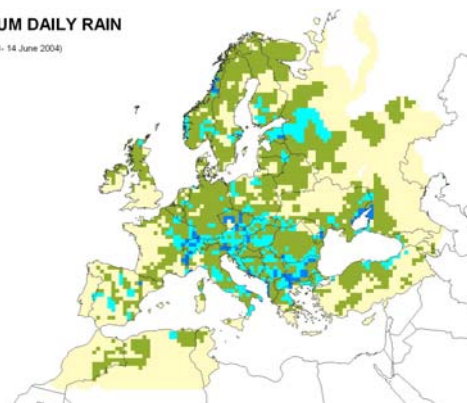
Cumulated rainfalls

(Period 1-14 June 2004)



MAXIMUM DAILY RAIN

(Period 1-14 June 2004)



ECMWF 10 DAYS WEATHER FORECASTS

Seasonal conditions are expected with no significant rain in France (up to June 21st).

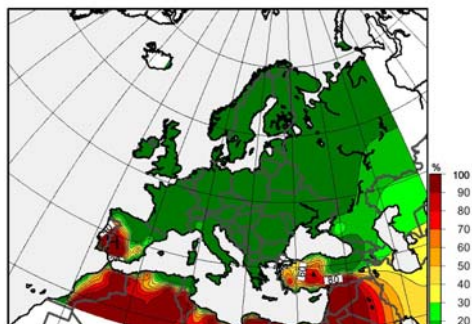
In the upcoming days a combination of a large high pressure system, centred on the Atlantic and extending its influence into western Europe, with a low pressure system, based in the southern Mediterranean Sea, will influence the main weather conditions over the whole continent: scattered rains, higher temperatures on Mediterranean Countries and fresher condition in central and northern countries.

Therefore, in the upcoming days the **temperatures** will remain close to the normal values: the **minimum** temperatures will remain around the 20°C in the south and around 12-15°C in the north; the **maximum** will increase in southern Spain, Greece, and Turkey until the 18th of June, when it will pass 30°C, after that will be a reduction, with values below this threshold.

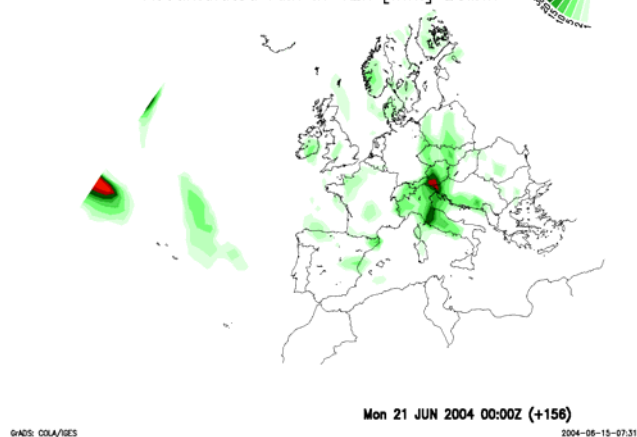
The **rainfall** will be scattered and will mainly interest the southern areas with also intense phenomena (during the 17th and 18th of June). At the meanwhile light rains are foreseen over Denmark and Baltic area. In the following days, the rain will move eastwards towards the Balkans. From the 20th of June new rainy phenomena will interest the northern Italy, Austria and will extend progressively on Czech Republic, Slovakia and central countries. From 22nd on beneficial rain are expected in northern France and England.

EUROPEAN COMMISSION
JOINT RESEARCH CENTRE

Prob.Max.Temp. >30C 2004-06-18
ECMWF Modelrun 2004-06-14 12z

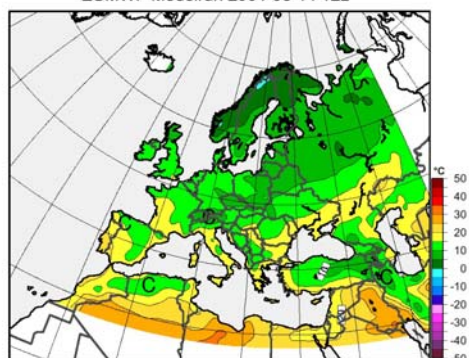


Accumulated rain in 12h [mm] ECMWF

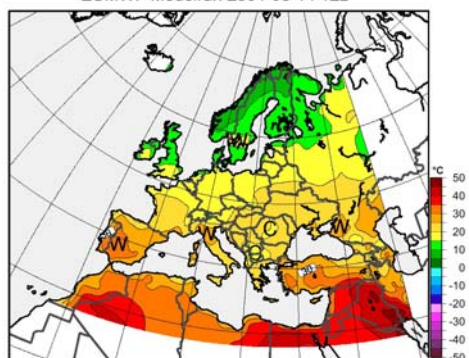


EUROPEAN COMMISSION
JOINT RESEARCH CENTRE

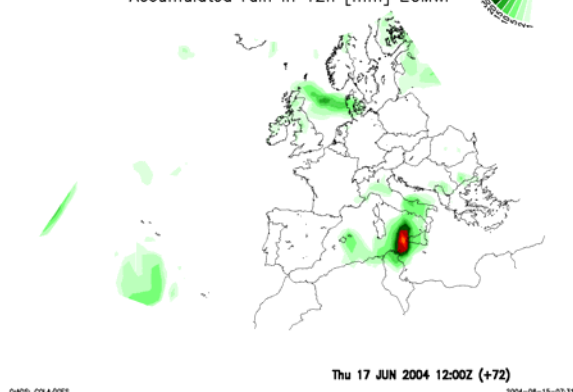
Min. Temperature 2004-06-17
ECMWF Modelrun 2004-06-14 12z



Max. Temperature 2004-06-18
ECMWF Modelrun 2004-06-14 12z



Accumulated rain in 12h [mm] ECMWF



Accumulated rain in 12h [mm] ECMWF

