



# Climate Indicator Bulletins for 2016

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European Climate Assessment & Dataset



### **Purpose:**

Efficiently compile the larger scale picture of weather/  
climate extremes, complementing information from the  
national services

### **Audience:**

Policy makers, decision makers, professional users, ...










## Climate Indicator Bulletin

Climate Indicator Bulletins (CIBs) are user-driven climate information products which provide simple, effective and timely knowledge abstractions from the large amount of observation and reanalyses data available in [EURO4M](#). The bulletins focus on user groups in sectors such as disaster prevention, health, energy, water resources, ecosystems, forestry, agriculture, transport, tourism and biodiversity at European, national and local levels.

### Published CIBs

-  2015: joint warmest year on record in Europe
-  2014 warmest year on record in Europe
-  European Drought in November 2011
-  Central European flooding 2013
-  European Temperature

in  
preparation



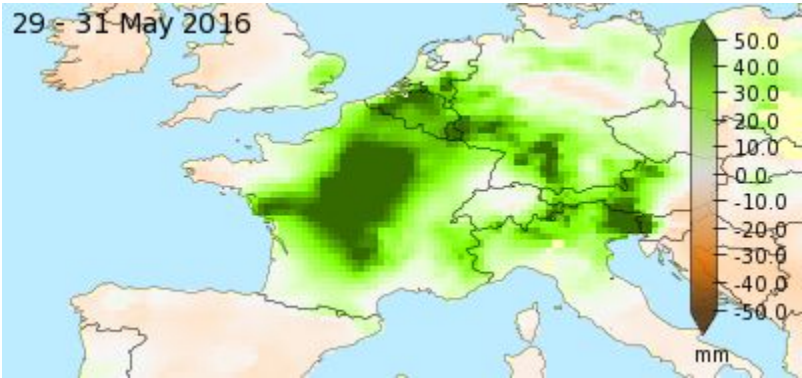
Climate Indicator Bulletin

# CIB on Central European Flooding May/June 2016

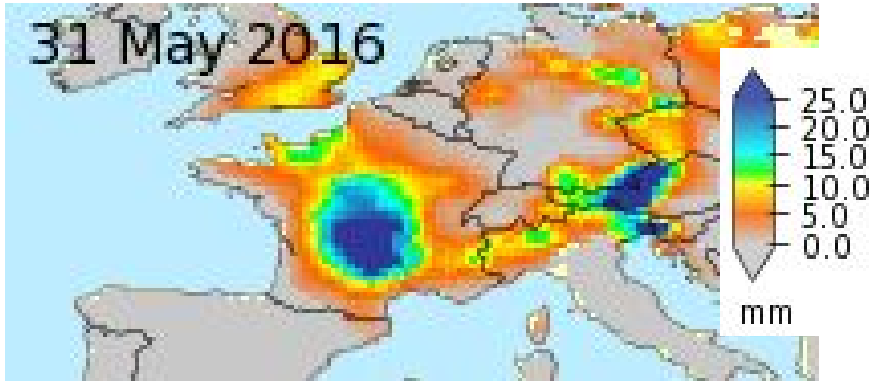
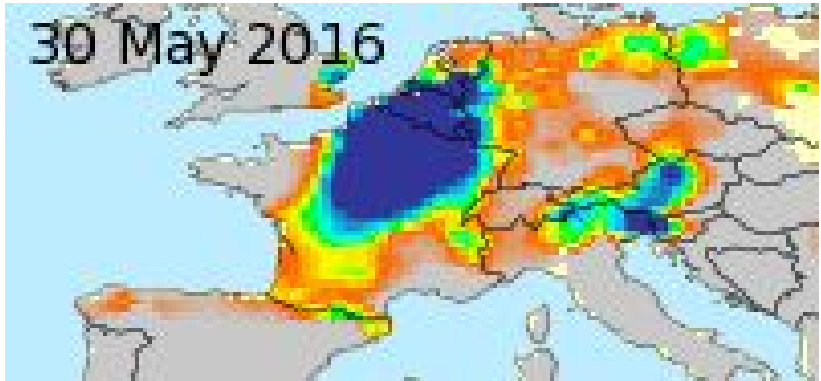
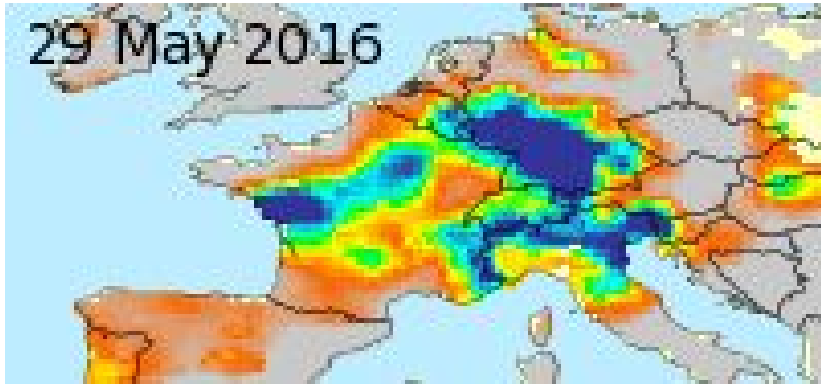
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Geert Jan Oldenborgh et al., *Rapid attribution of the May/June 2016 flood inducing precipitation in France and Germany to climate change*  
(under review for journal Hydrol. Earth Syst. Sci.)

Precipitation anomaly w.r.t. 1981-2010.



Daily precipitation amounts in the period  
29 - 31 May 2016 (source: [E-OBS](#))



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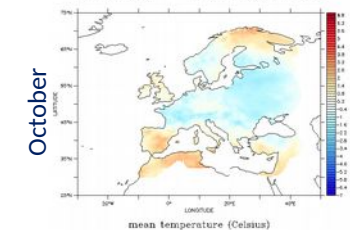
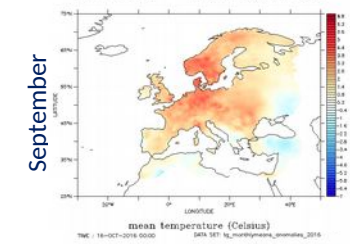
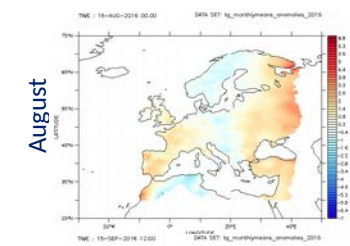
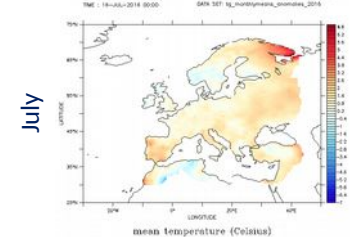
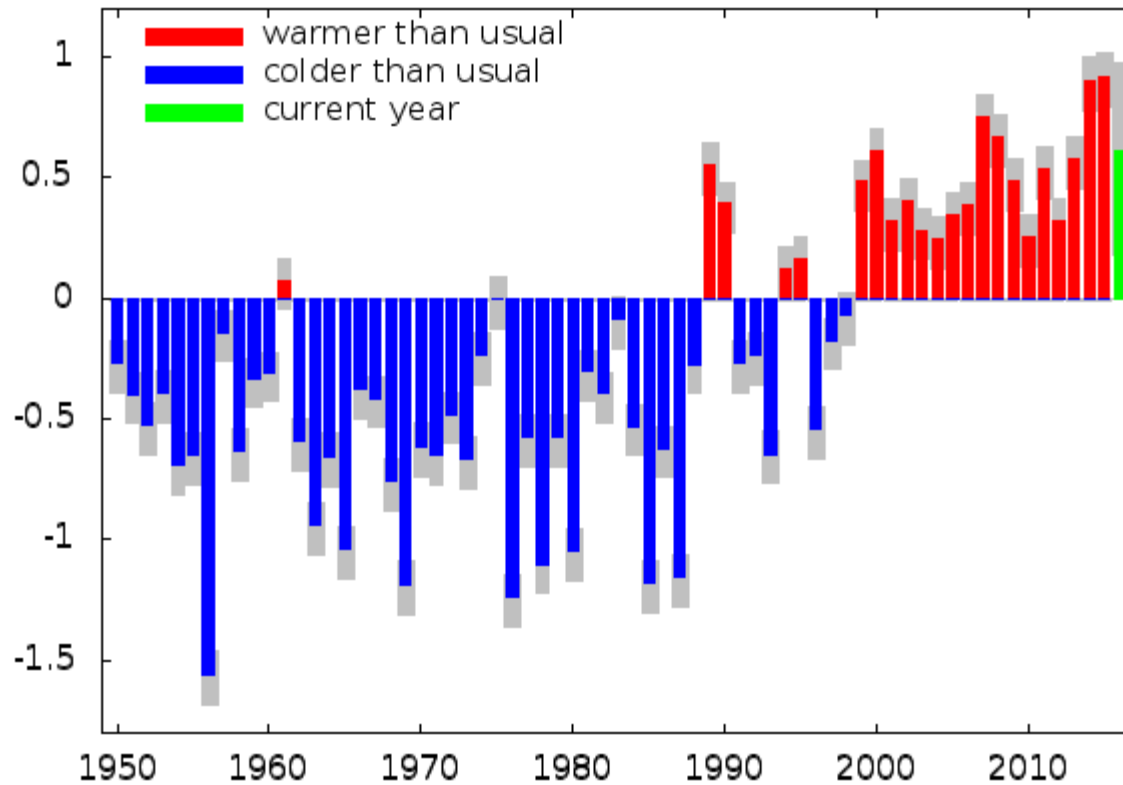
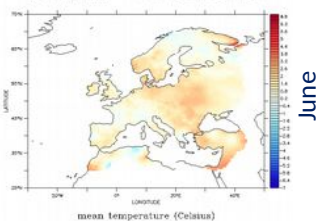
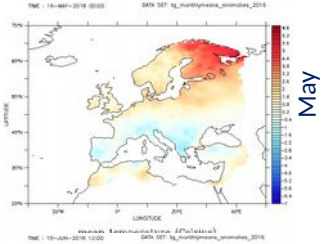
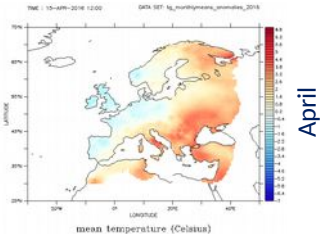
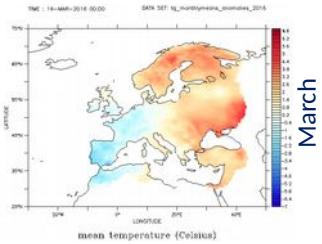
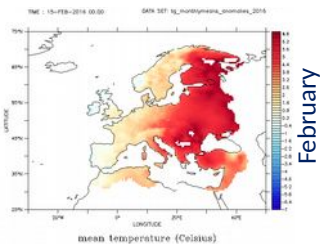
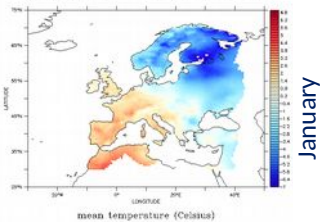
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CIB on European Climate in 2016





# European temperature anomaly (wrt 1981-2010 climatology)



Based on ECA&D/EOBS, vd Schrier et al., 2014

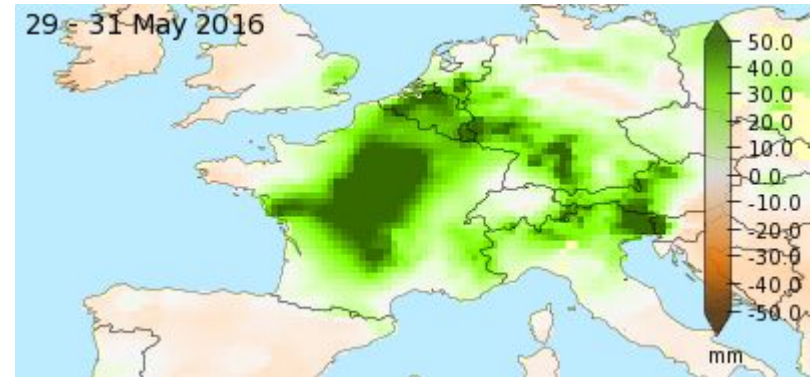
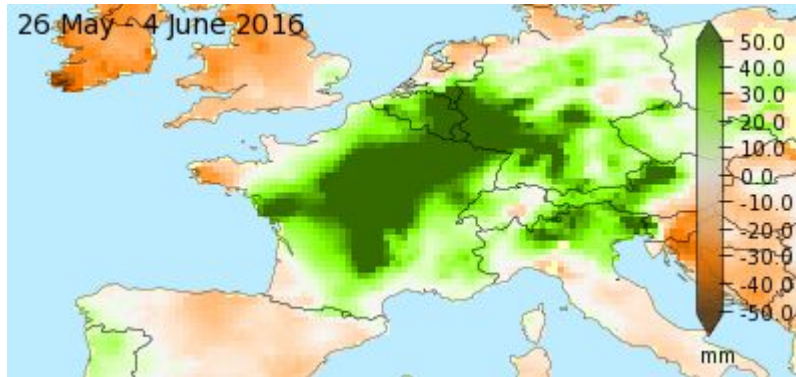




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Precipitation anomaly w.r.t. 1981-2010. Left figure shows the precipitation anomaly for 26 May - 4 June and the right figure for 29 - 31 May 2016. (E-OBS)