

Severe Weather Advisory for the Adriatic Coast Issued on Friday, 11 November 2016 at 0530 local time.

Headline

Likelihood of further severe thunderstorm / heavy rain impacts, especially flooding, across the Adriatic coast and western Greece Friday (today), Saturday, then again on Tuesday.

Impacts

The main impact from this event is likely to be flooding along this part of the Adriatic coastline, mainly affecting parts of Montenegro, Albania and north-western Greece, but including parts of Croatia today.

Flash floods are also likely due to the mountainous nature of the coastline, with rockslides also an increased risk.

On Sunday rainfall totals in excess of 200mm were recorded in parts of Slovenia, with a large tornado reported just north of Rome. The main focus for heavy rainfall on Monday was further south, with parts of Montenegro seeing 50-100mm and parts of Albania recording around 150mm of rain. On Tuesday Albania again and parts of Greece saw heavy rainfall. A further 60 mm recorded in places resulting in some river flooding. Wednesday saw 75 to 100 mm fall across parts of Albania, Greece and southern Bulgaria, with 135 mm at Thessaloniki Airport. There are reports that three people have been killed in Albania.

Discussion

An area of low pressure is signalled to develop and run across northern Italy and the Adriatic on Friday (today), then transfer across SE Europe on Saturday. Locally heavy rain and thunderstorms is expected to affect the Adriatic Coast from Croatia to Northwestern Greece on Saturday. The main focus of the rain on Saturday is likely to be along the coastline of Southern Bosnia Herzegovina to Western Greece, before clearing eastwards later in the day. Thereafter becoming drier.

50 to 100 mm of rainfall per day is associated with the heavy rainfall, and will affect areas already impacted by recent flooding, especially Montenegro and Albania. Locally higher totals could occur due to the convective nature of the precipitation. Across the mountains away from the coast some significant snowfall is likely. Further flash flooding is possible, although with some of the precipitation likely to lie in the mountains as snow, this may offset this to some extent.

There is a risk of other severe convection impacts such as very strong gusts and large hail.

Slower timescale fluvial flooding is also a risk during the next few days which could impact larger areas. The excessive rainfall will also increase the risk of rockslides in this region.

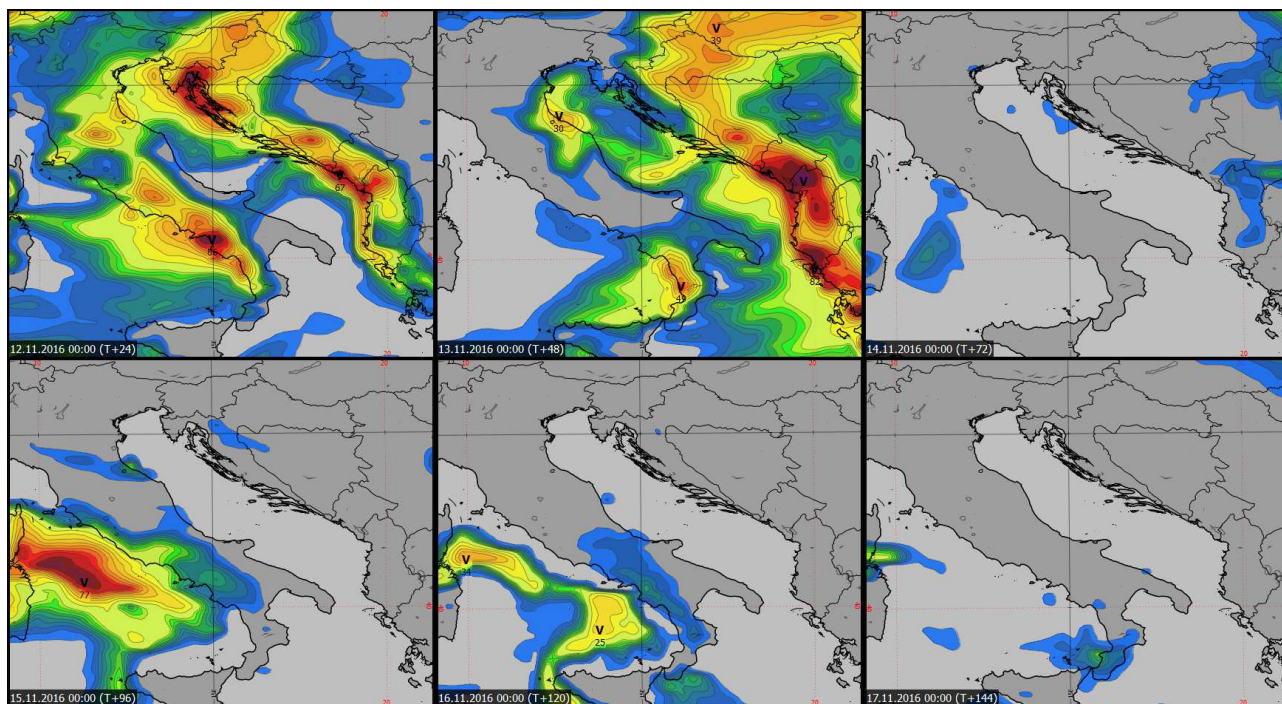
There is generally good model consistency for the rainfall evolution in the coming 5 days.

This forecast may be amended at any time

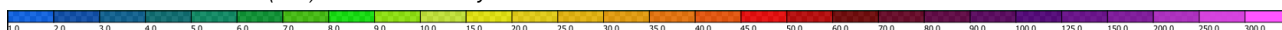
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24hr rainfall accumulations (mm) for the next 6 days.



Sources

UK Met Office, ECMWF, NCEP Eumetsat.

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