

Topic: **temperature**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Valid from – to: 22-8-2022 – 31-10-2022 Next amendment: 29-8-2022

Region of concern: **Ukraine, Turkey and Georgia**

„Within the first week (22 to 28 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature, with anomaly up to +6°C in Ukraine, most of Turkey and Georgia. Probability for exceeding upper tercile is up to 90%.“

Monitoring

During the period from 14 to 20 August 2022, weekly precipitation sums were around 50 mm in northwestern and central Balkans, northeastern Romania, Moldova, southwestern Ukraine, central Georgia and some parts of northern Turkey. Weekly precipitation totals were up to 25 mm in rest of the region, while in southern Balkans, Cyprus, Turkey and Middle East they were even below 2 mm.

Outlook

Within the first week (22 to 28 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature, with anomaly up to +6°C in eastern Balkans, Ukraine, most of Turkey and Georgia. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is forecasted for central and southern Balkans, northwestern Turkey, with around 90% probability for exceeding upper tercile.

During the second week (29 August to 4 September 2022), above average temperature, with anomaly up to +6°C, is expected in most of the SEE region. Probability for exceeding upper tercile is up to 90%, in eastern Balkans, Aegean Sea, central and eastern Turkey, South Caucasus and Middle East. Precipitation surplus is forecasted for central Balkans, with around 60% probability for exceeding upper tercile. Precipitation deficit is predicted for South Caucasus with around 80% probability for exceeding lower tercile.

During the following three months (August, September and October), seasonal forecast predicts above normal seasonal air temperature in the northern and eastern Balkans. Below normal seasonal air temperature is expected in part of central and southeastern Turkey. Precipitation surplus is expected in the Carpathians and the South Caucasus region. Precipitation deficit is predicted for rest of the SEE region.

Update

An updated statement will be issued on 29-8-2022

For further information, please contact cws-seevccc@hidmet.gov.rs

ANNEX

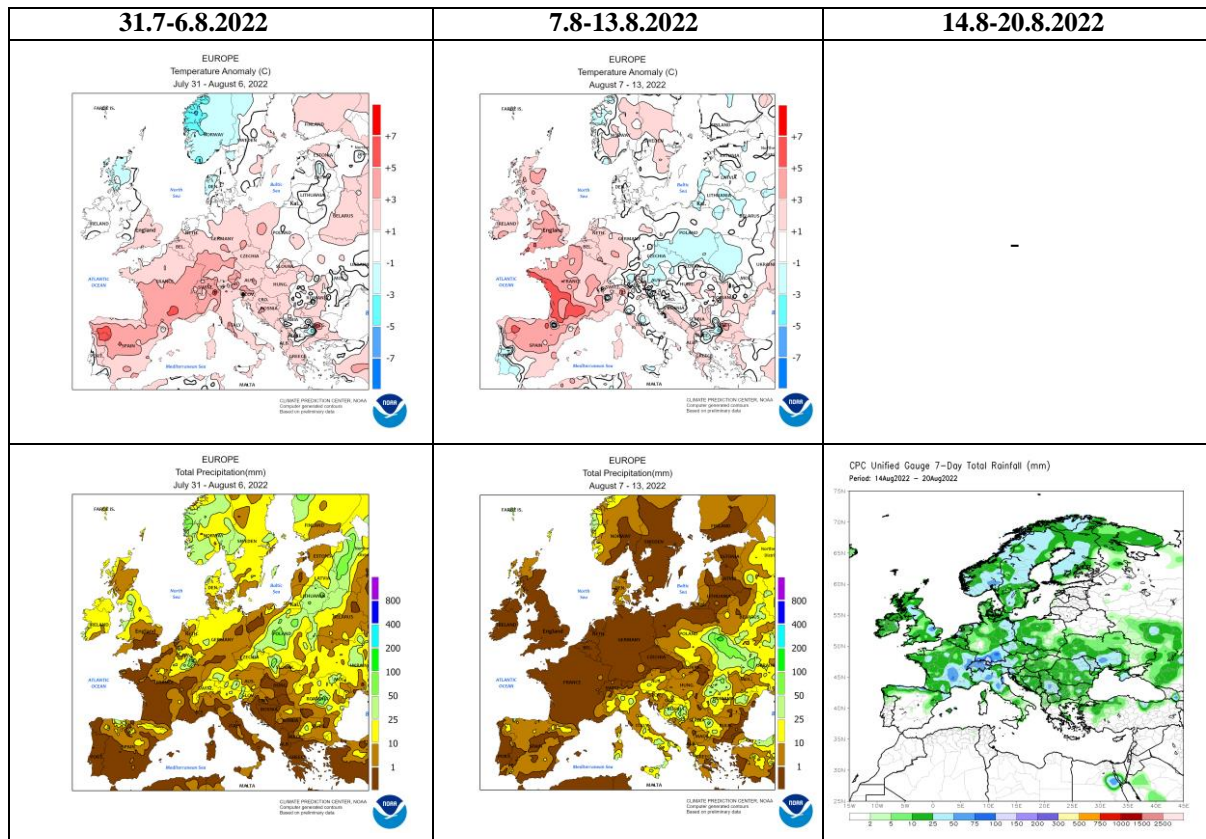


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

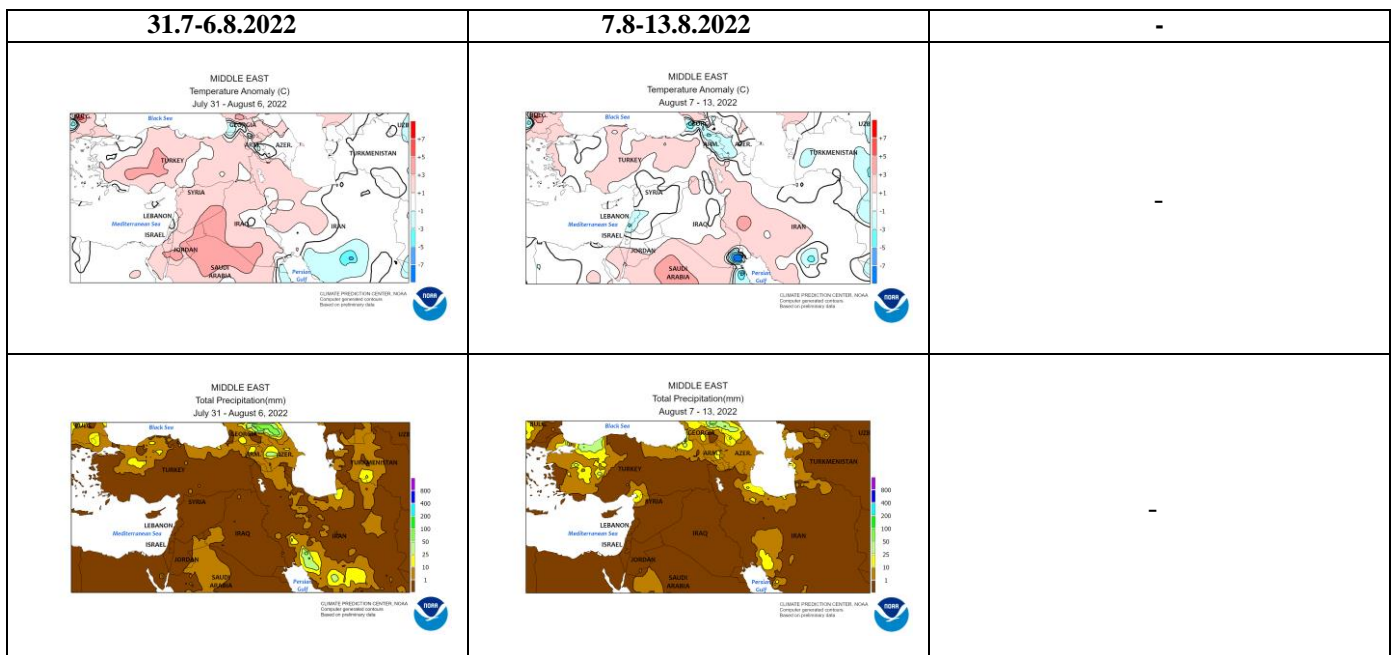


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

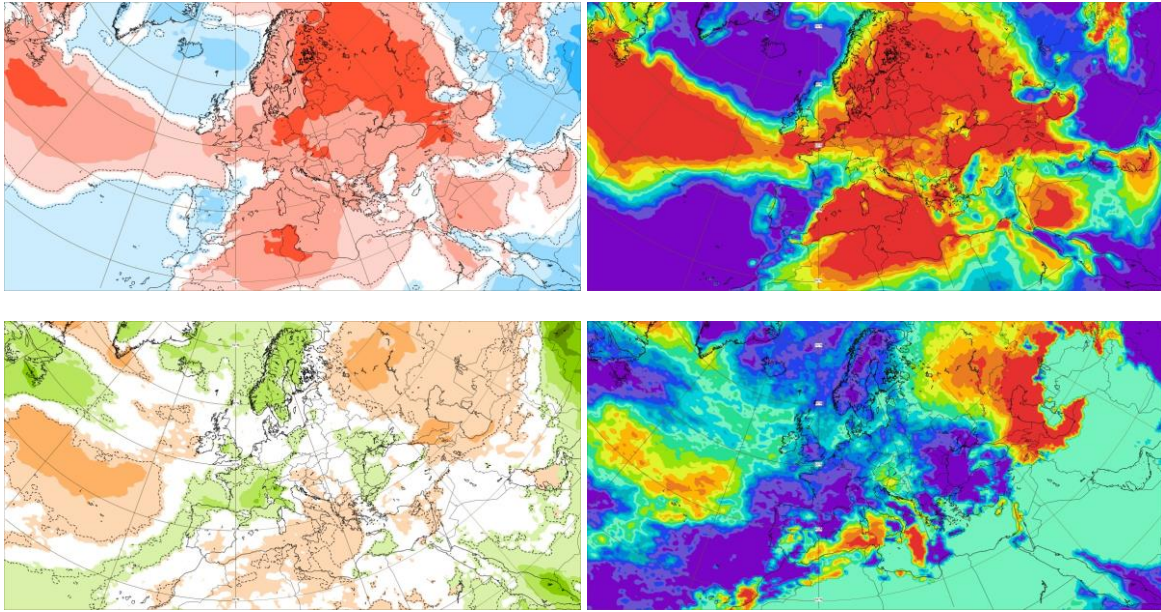


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 22.8–28.8.2022 period

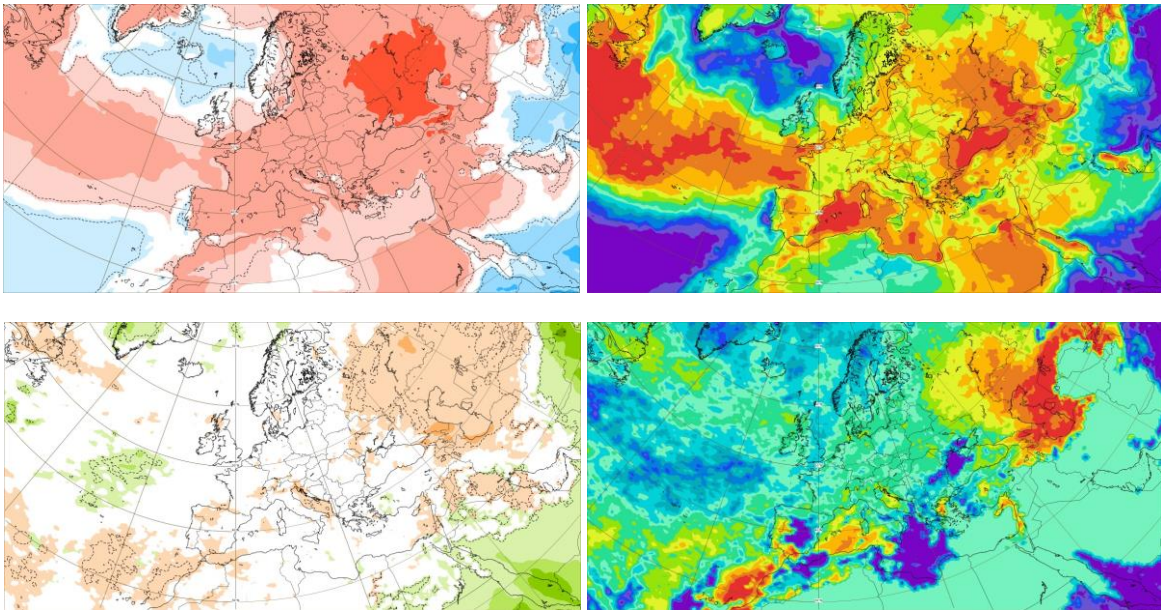


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 29.8–4.9.2022 period

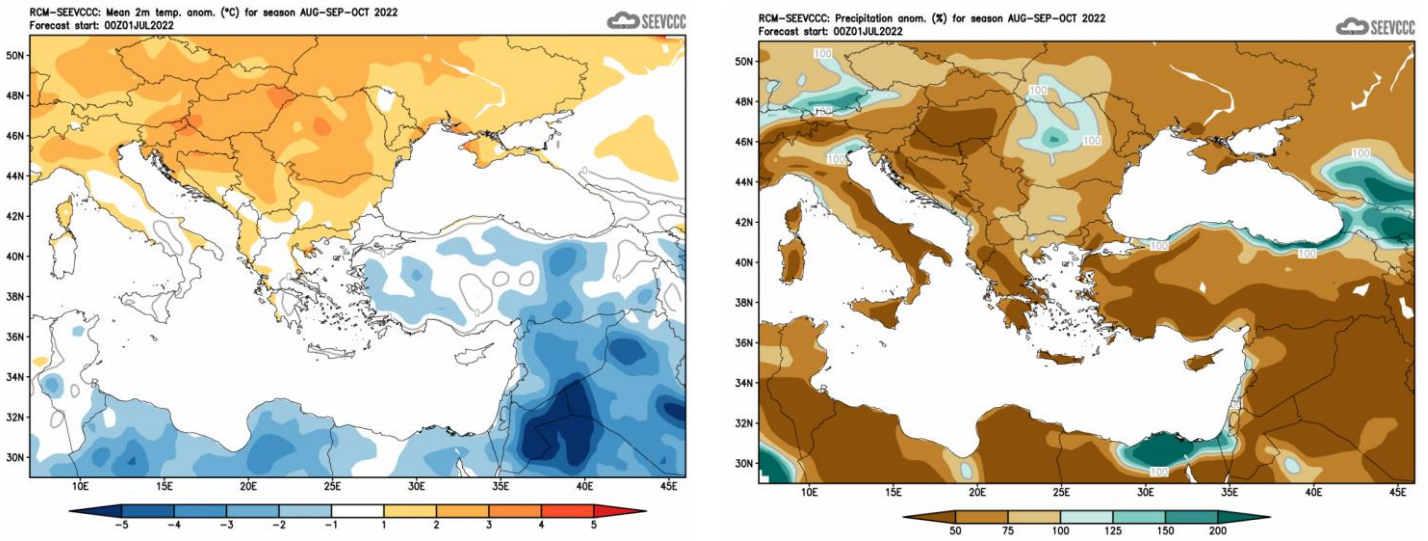


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- South East European Virtual Climate Change Center (www.seevccc.rs)
- European Center for Medium-range Weather Forecasts (<http://www.ecmwf.int/>)
- Climate Prediction Center USA (<http://www.cpc.ncep.noaa.gov/>)
- Deutscher Wetterdienst (<http://www.dwd.de/>)