



HELLENIC NATIONAL
METEOROLOGICAL
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ΕΘΝΙΚΗ ΜΕΤΕΩΡΟΛΟΓΙΚΗ ΥΠΗΡΕΣΙΑ

VERIFICATION of the SEECOF-12 WINTER 2014-2015
CLIMATE OUTLOOK FOR GREECE

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1. TEMPERATURE

1.1 Analysis of the 2014/2015 winter Temperature Anomalies for Greece

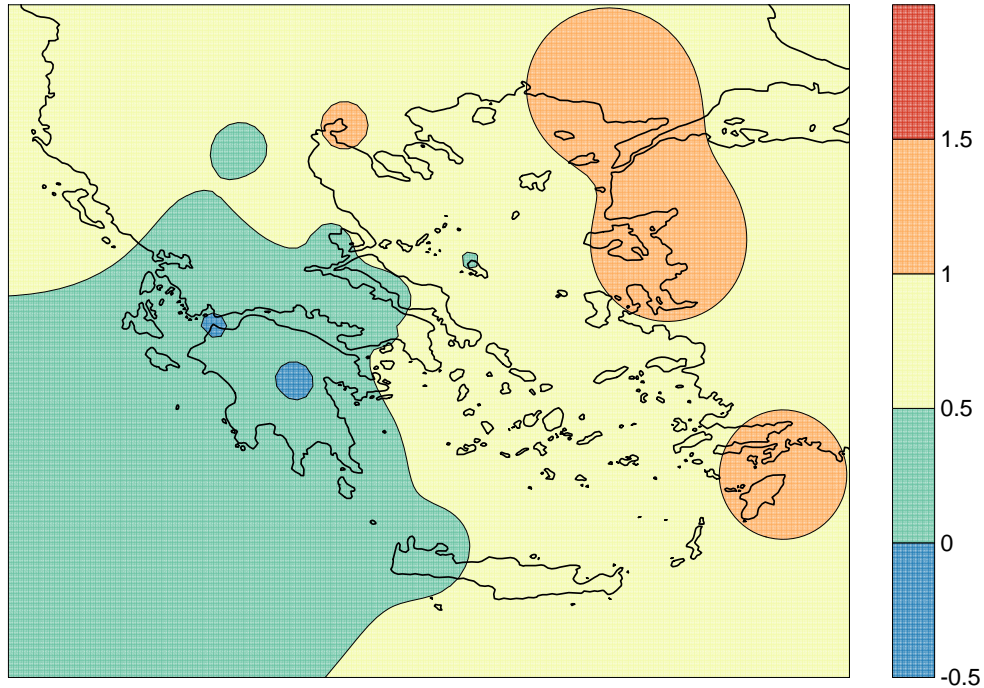


Figure 1. Mean Temperature anomalies (°C) for the 2014/2015 winter in Greece according to the 1971-2000 climatology.

For the 2014/2015 winter, the analysis of mean Temperature from representative Met. Stations in Greece (Figure 1) showed that:

- (i) almost the whole country experienced **positive anomalies** compared to the 1971-2000 normal values.
- (ii) the greater differences (≤ 1.5 °C) are detected at the eastern part of the country.
- (iii) local minima of small negative anomalies were recorded at the area of Peloponnese.

1.2 Verification of the SEECOF-12 2014/2015 winter Temperature outlook for Greece

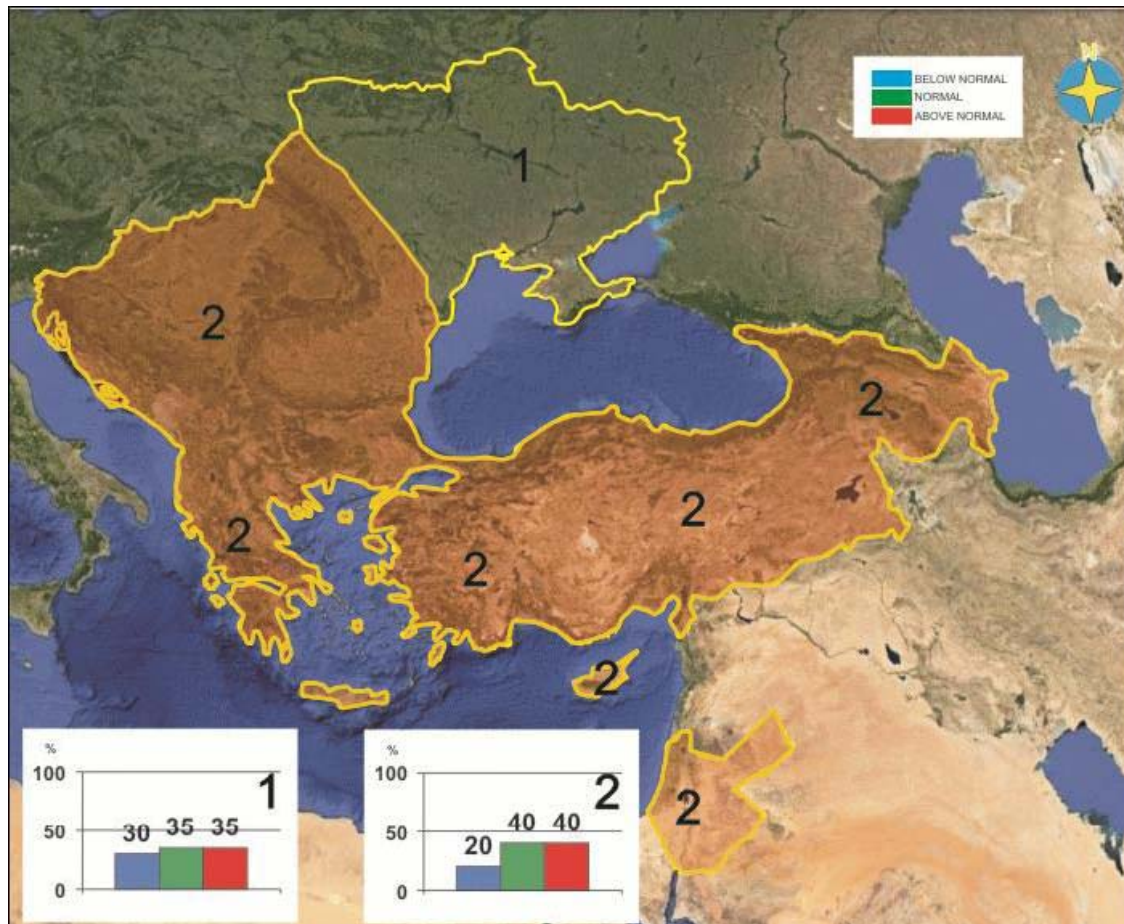


Figure 2. Graphical presentation of the SEECOF-12 2014/2015 winter temperature outlook.

According to the SEECOF's outlook for the 2014/2015 winter mean Temperature (Figure 2):

the whole Greek area is in the SEECOF's zone-2, where it is an equal probability of 40% for the near or above average favorable conditions.

Verifying the SEECOF's temperature outlook (although this is relative to the 1981-2010 normals):

since almost the whole country experienced positive temperature anomalies, the SEECOF's prediction for Greece can be considered as successful.

2. PRECIPITATION

2.1 Analysis of the 2014/2015 winter precipitation anomalies for Greece

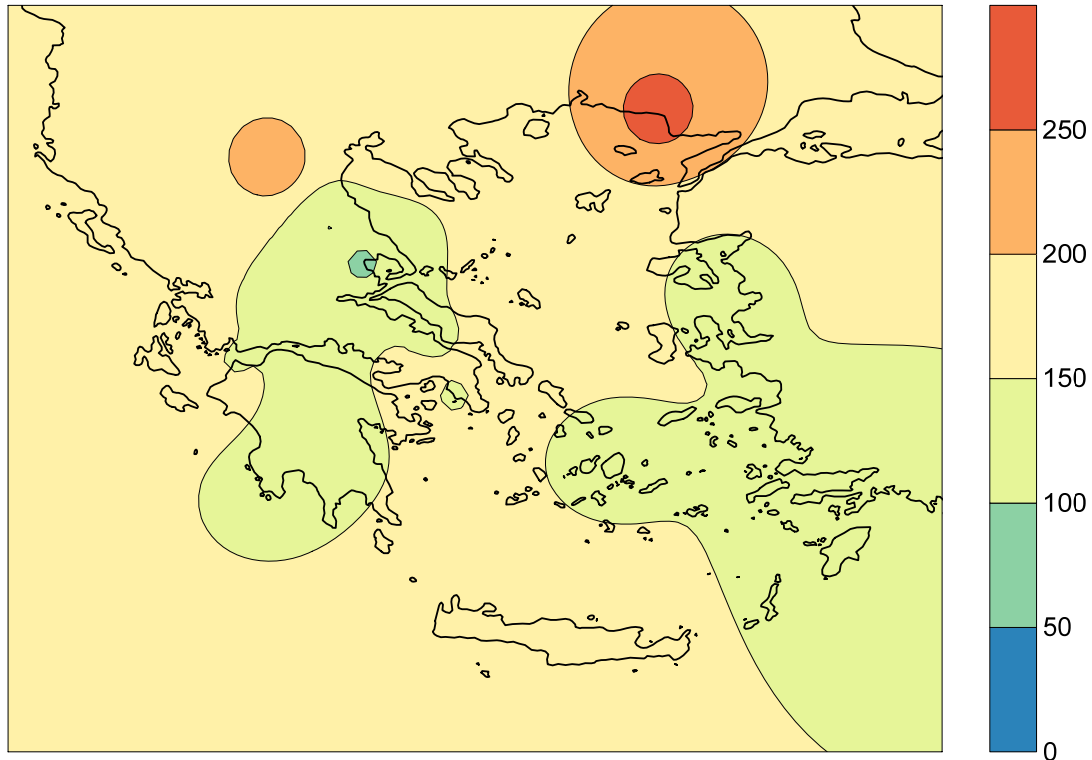


Figure 3. Precipitation anomalies for the 2014/2015 winter in Greece according to the 1971-2000 climatology.

For the 2014/2015 winter, the analysis of the accumulative precipitation height from representative Met. Stations in Greece (Figure 3) showed that:

- (i) for almost the whole Greek country the winter recorded rainfall amount was **above the normal values** compared to the 1971-2000 climatology.
- (ii) a local maximum of about 2.5-times above the average winter rainfall can be spotted at the northeast part of Greece.
- (iii) locally at the region of Thessaly, the received precipitation amount was below climatology.

2.2 Verification of the SEECOF-12 2014/2015 winter precipitation outlook for Greece

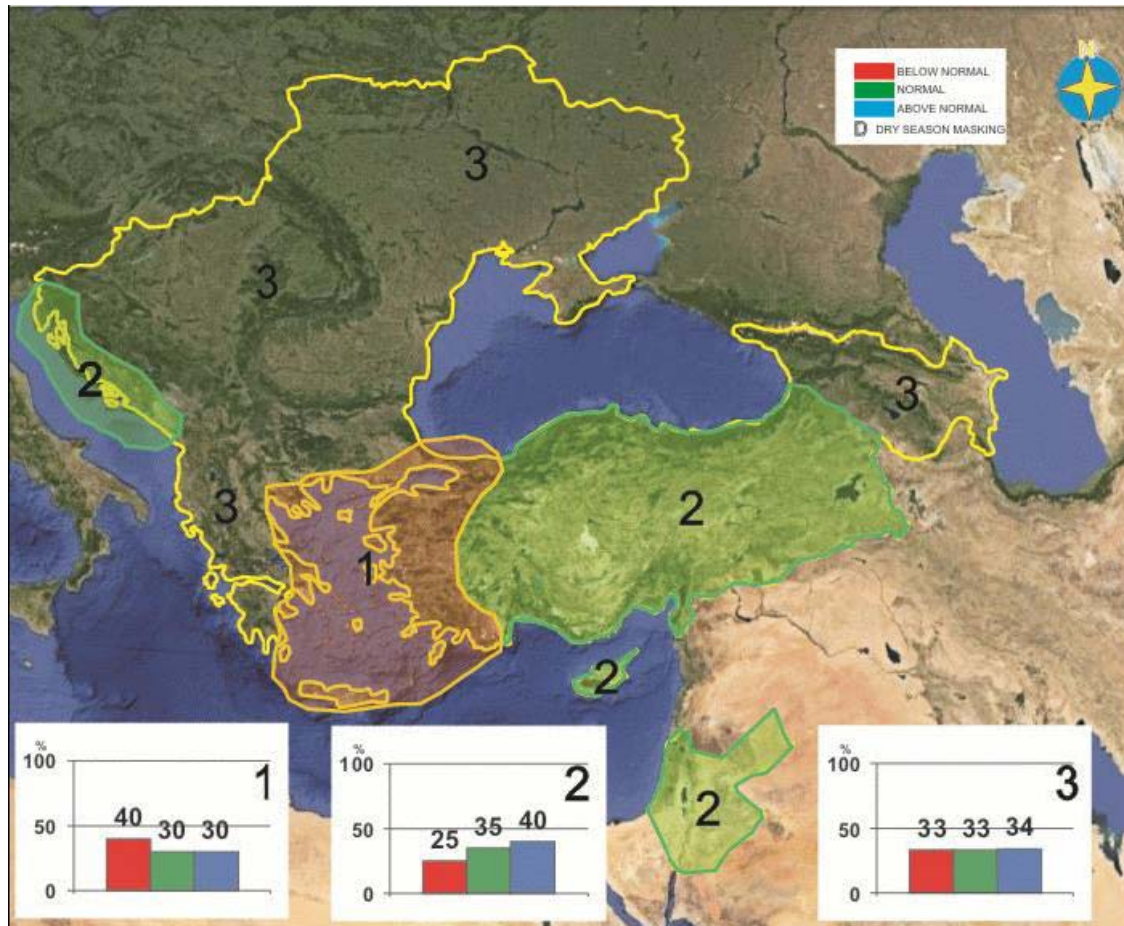


Figure 4. Graphical presentation of the SEECOF-12 2014/2015 winter precipitation outlook.

According to the SEECOF-12's outlook for the 2014/2015 winter precipitation (Figure 4):

- (i) the eastern and northern coastal areas and the islands of Aegean Sea are in SEECOF's zone-1, where a drier than average winter is favored.
- (ii) the rest Greek area is within the no-signal zone-3 of the prediction.

Verifying the SEECOF's precipitation outlook (although this is relative to the 1981-2010 normals):

the outlook failed to predict the above normal precipitation anomalies, that almost the whole Greek country experienced.