

## Climate Report for Macedonia – winter season 2014/2015

### Air temperature

The average winter temperature (December, January, February) were above annual average (1981-2010). Air temperature anomalies were in range from 0.1 °C to 1.8 °C.

MACEDONIA	Temperature anomaly vs. 1981-2010 climate
Dec. 2014	+0.6 to +2.1 ° C
Jan. 2015	0.0 to +2.1 ° C.
Feb. 2015	-0.9 to +1.5 ° C

According percentile classification winter in Macedonia were ranks from normal to very warm.

Meteorological station	Classification (percentile)
Strumica	very warm
Gevgelija	very warm
Berovo	warm
Kriva Palanka	warm
Stip	warm
Demir Kapija	warm
Skopje	warm
Prilep	normal
Bitola	normal
Ohrid	normal

## Precipitation

The precipitation amounts for winter 2014/2015 were above the average (1981-2010). Corresponding precipitation amounts for the winter were within the range from 106 % to 233% above normal.

Meteorological station	Classification (percentile)
Berovo	extremely wet
Kriva Palanka	extremely wet
Stip	extremely wet
Prilep	extremely wet
Strumica	very wet
Demir Kapija	very wet
Gevgelija	wet
Skopje	wet
Bitola	wet
Mavrovo	wet
Ohrid	normal
Lazaropole	normal

According to the percentile ranks participation amount were from normal to extremely wet.

## SEECOF -12 CLIMATE OUTLOOK VALIDATION

- Air temperature

According to SEECOF – 12 climate outlook, winter mean temperature for the territory of Macedonia, where is an equal probability of 40% for the near or above average favorable conditions.

Verifying the SEECOF’s temperature outlook, the whole country experienced positive temperature anomalies; the SEECOF’s prediction for Macedonia can be considered as successful.

- Precipitation amounts

According to SEECOF – 12 climate outlook for 2014-2015 winter precipitation Macedonia is within the no-signal zone-3 of the prediction.

Verifying the SEECOF’s precipitation outlook, the whole country experienced positive precipitation anomalies and the SEECOF’s prediction for Macedonia can be considered as not so successful.

Country	Seasonal temperature (DJF)		Seasonal precipitation (DJF)		High Impact Events
	Observed	SEECOF-12 climate outlook for temperature	Observed	SEECOF-12 climate outlook for precipitation	
Macedonia	Normal to above normal	Above normal	Above normal	No predictive signal	<p>During the January and most of the February were recorded very high daily precipitation values. Absolute daily maximum of rain (since 1951) were on 1<sup>st</sup> February in Bitola (46.4 mm), Berovo (49.4mm), Ohrid (66.5 mm) and Prilep 58.5mm.</p> <p>Especially in period from 3<sup>rd</sup> decade of January and 1<sup>st</sup> decade of February intensive rains on the territory of Macedonia caused damages due several consecutive floods . The most of them affected agricultural area and part of villages. It causes traffic interruptions on bridges and roads.</p>