Country: Republic of Armenia Institute: State Hydrometeorological Service Name: Zara Petrosyan E-mail: <u>armstate@meteo.am</u> Climatological reference period: 1981-2010.

VERIFICATION OF THE SEECOF–20, CLIMATE OUTLOOK FOR THE WINTER 2018-2019 IN THE TERRITORY OF ARMENIA

SEECOF -20 Outlook has predicted 40% probability for temperature to be above the norm, 40% to be near the norm and 20% to be less than the norm for the 2018-2019 winter in Armenia. Observed temperatures in December was 2-3 °C above the norm. In January and February the temperature was by 3-5 degrees above the norm.

The absolute maximum reached +20 °C in December and January in Syunik region and 15-16 °C in Ararat Valley.

The absolute minimum temperature was - 24°C (January , February) in Mantenous regions and -7 °C in Ararat Valley.

Verifying the SEECOF prediction and the observed temperature we may resume that the outlook forecast for Armenia was correct.

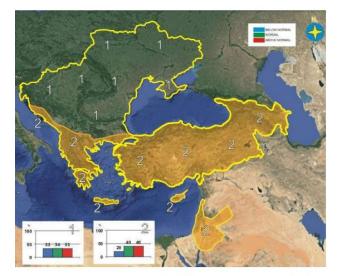


Figure 1. Graphical presentation of the 2018/19 winter temperature outlook

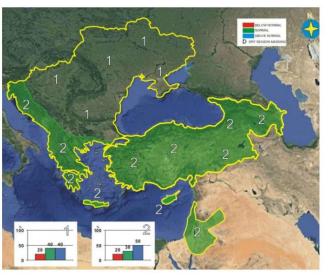


Figure 2. Graphical presentation of the 2018/19 winter precipitation outlook

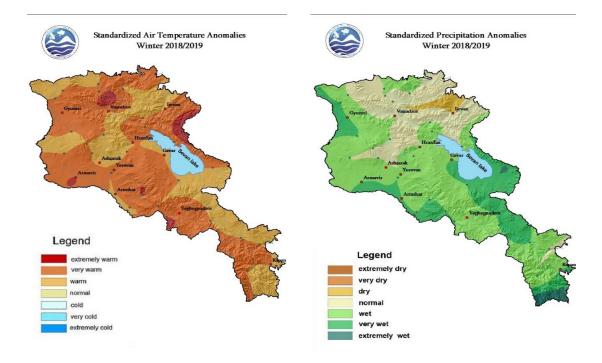
Precipitations

SEECOF -20 has predicted 50% probability for precipitations to be above the norm, 30% to be near the norm and 20% below the norms.

The precipitation was above the norms in main part of the teritory during the whole winter .

Due to the high temperature no snow cover was formed in lowland areas.

Verifying the SEECOF 20 prediction and the observed precipitation amount we may resume that the outlook forecast for Armenia was correct.



Verification of the SEECOF-20 climate outlook for the 2018-19 winter season:

Country	Seasonal temperature	Seasonal temperature	Season al precipit ation	Seasonal precipitation	High Impact Events
	Observed	climate outlook	Observ ed	climate outlook	
Armenia (2)	Above normal	Above normal 40%,40%,20%	Above normal	Above normal 50%,30%,20%	Foggy weather was observed in December and January in Shirak Region, Ararat valley with very low visibility less than 50 m. Strong wind 26m/s at 12 of December in Aragacotn, 28m/s in January in Gekgarquniq was observed.

Users' perceptions of the SEECOF-20 outlook

Hydromet Service has submitted S EECOF, MedCOF seasonal forecast outlook.

Seasonal forecast was shared between governmental authorities, private companies, public (via mass media)

Positive feedback was obtained from the users related to the reliability of forecasts.