

VERIFICATION OF THE SEECOF-19 SUMMER 2018 CLIMATE OUTLOOK

HYDROMETEOROLOGICAL SERVICE OF ARMENIA

Scientific-applied Centre on Hydrometeorology and Ecology

Climatological analysis for summer 2018

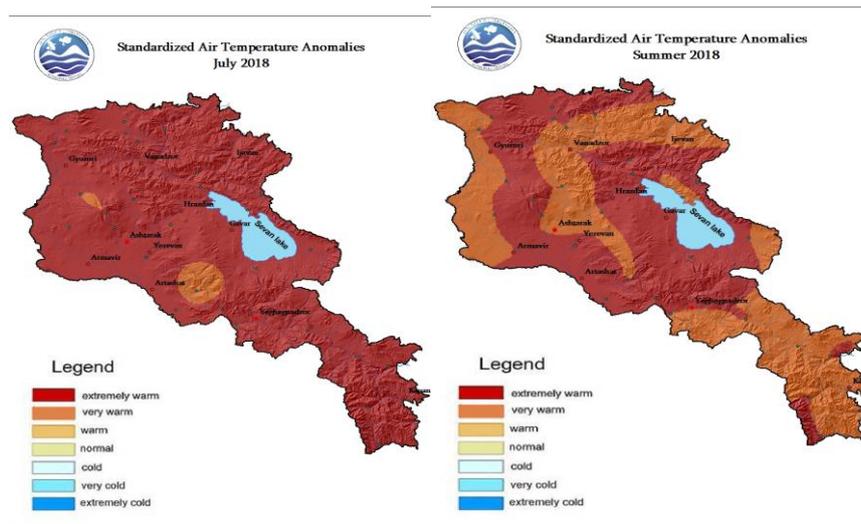


Yerevan, 25 October 2018

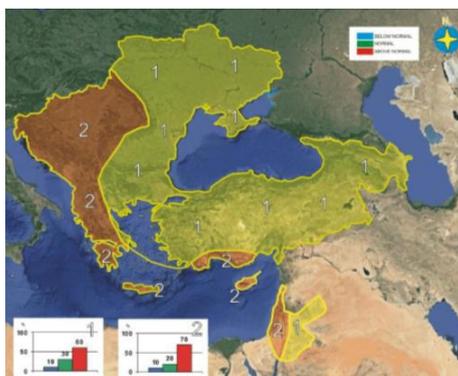
Assessment of the SEECOF-19 Climate outlook for 2018 summer season in Armenia

Temperature: The average monthly temperature in Jun was higher than the annual average by 1,0-2,4 °C **July 2018** became the hottest July in the entire history of the observation. This sequence is violated when we consider separate regions of the country. If in the southern half and central regions 2018 became a record, the hottest in the northern half is July 2000.

The average monthly temperature in July was higher than the annual average by 3-4 degrees. Particularly high temperature (heat wave) was recorded from June 29 to July 12, when average daily air temperature was 4-7 degrees above normal, up to 9 degrees in separate regions. On July 2 and July 12, the maximum temperature in most places exceeded the absolute maximum. The highest air temperature 43.70C in Yerevan was registered on July 12 at Erebuni meteorological station, exceeding the absolute maximum and equal to the absolute maximum temperature of the country registered in Meghri on 31 July 2011. The average monthly temperature in August in Armenia ranging mainly from - 0.4 to + 1,3 °C from the mean of 1961-1990.



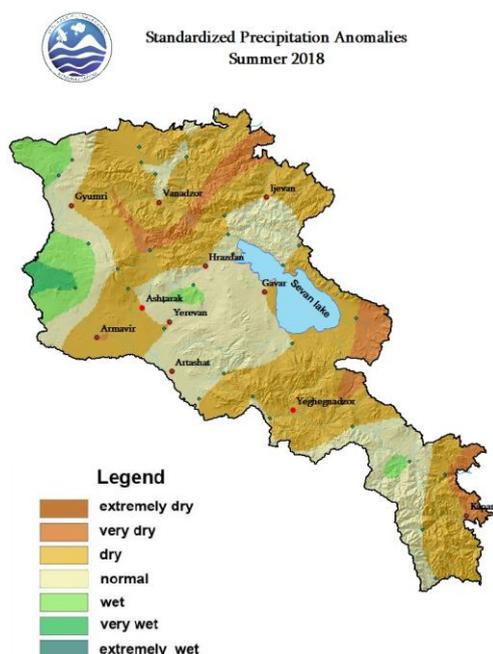
Temperature Verification: According to the SEECOF-19 outlook for the summer 2018 in Armenia, the temperature was indicated to be above normal. Climatological monitoring showed that the summer of 2018 was above the normal in the entire Armenia.



Verification

showed that the forecast for a hot summer was correct.

Precipitation: The SEECOF-19 climate outlook probability was: 40% (below), 30% (near), 20% (above) e.g. below normal conditions for 2018 summer were indicated. Summer precipitation was low the norms in main territory of Armenia.



Verification showed that the forecast for dry summer was correct.

Country	Seasonal temperature (JJA)		Seasonal precipitation JJA		High Impact Events
	Observed	SEECOF-19 climate outlook for temperature	Observed	SEECOF-19 climate outlook for precipitation	
Armenia (1)	Above normal	Above normal	Below normal	Below normal (extremely dry)	<p>Heat Wave was observed from end of Jun untill end of August. The maximum temperature in July 12 in Yerevan riched 43.7 °C.</p> <p>Drought from 21 Jun up to the 24 October</p> <p>Wind storm: On 17 of August strong wind (25m/sec) in Gumry was observed.</p> <p>Extreme precipitation (41mm/hour) on 6th of July in Shirak region was recorded.</p> <p>Forest fires: Vayots Dzor region (July, August)</p>

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