

The assessment of the SEECOF-13 Climate outlook for Armenia for summer season 2015

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03 November 2015, Armenia

Temperature: According to the SEECOF-13 outlook for the summer 2015 in Armenia, above normal temperature was indicated, Climatological monitoring showed that the summer 2015 was warm in the entire Armenia with above normal temperature. The outlook for a warm summer was correct. Verification showed that the temperature reached upper tercile which was indicated in the outlook with the 50% probability.

Precipitation: The SEECOF-13 climate outlook for the summer 2015 indicated equal probabilities for below-40%, near-40%, normal and 20% probability of above normal conditions in Armenia. Monitoring of precipitation showed dry summer conditions across the entire country.

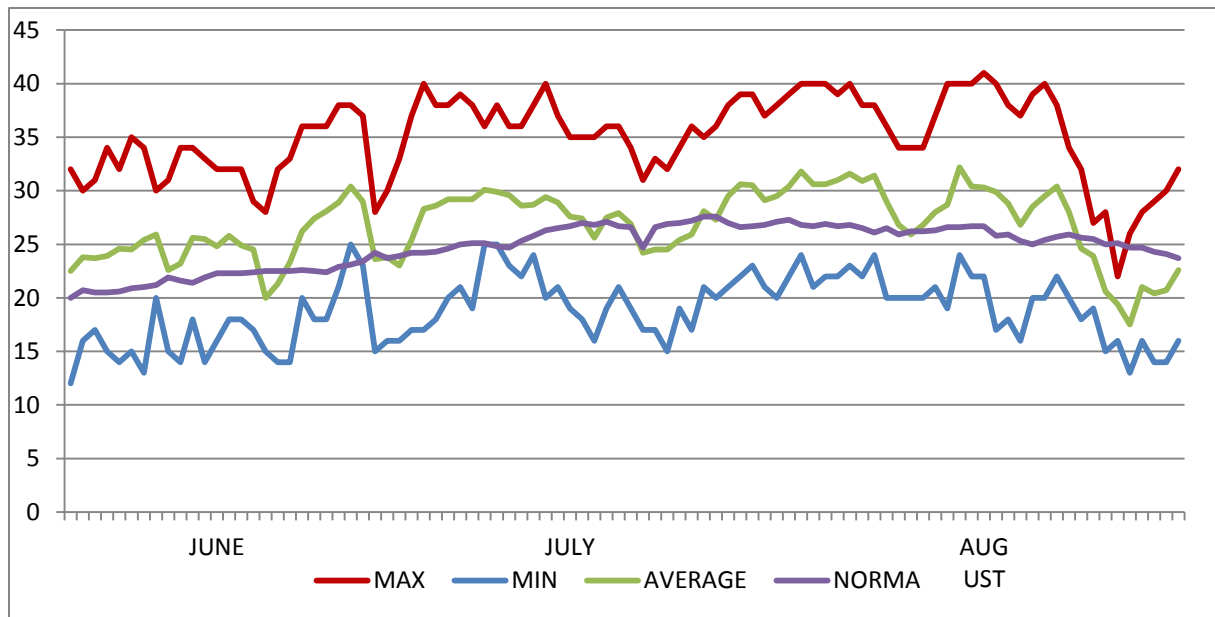
Summer 2015

Average monthly air temperature in **June, July** was above average by 2-4 , in August 1-3 ° C.

For summer conditions cold weather observed on June 1st (the minimum temperature fell in the mountains up to 2°C, in the foothills up to 7°C) and 18th – 22th minimum temperature were in the mountainous areas 4 ° C, in the foothills 6 °C, the average daily temperature was below long-term values by 1-4 degree).

Heat waves observed on June 21st -25th, (the average daily air temperature was above long-term values by 5-7 degrees), on 1st - 10th and 25th – 31st of **July**(the maximum temperature in the valley areas was 38 - 41°C, in the foothills 33- 36°C, in the mountainous areas: 30 - 34°C.)on 1st -6th of August (in the valley areas max was 38-42°C, in the foothills 35-40°C, in mountainous areas 30-36°C., daily average air temperature exceeded the long-term value by 5-7 degrees).

It was the second warmest summer in Armenia. In some places it broke the record of the max Temperature.



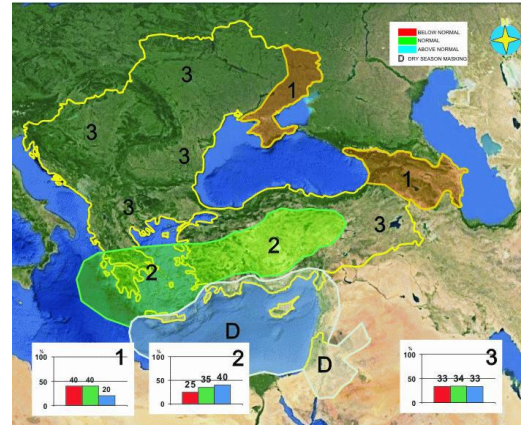
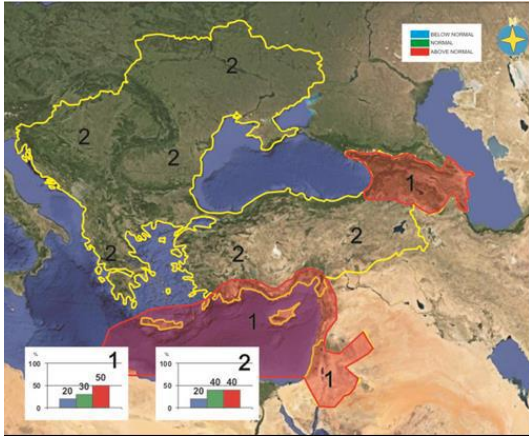
Distribution of Min, Max and average Temperature in Yerevan in summer 2015.

Precipitation.

It was one of the driest summers in Armenia.

Monthly precipitation amount in most areas of the country has not reached the half of their norms in June and July. Only at certain stations, it has exceeded the norm and was 102-138% of normal. During the whole July as well 1-23 of August Ararat valley and Ararat foothills didn't record precipitation. There was a drought in this region. During the 3rd decade of the month rain was observed, the monthly amount exceeded normals and reached 100-500% of it because of small amount of monthly precipitation in August.

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Country	Seasonal temperature (JJA)		Seasonal precipitation JJA		High Impact Events
	Observed	SEECOF-13 climate outlook for temperature	Observed	SEECOF-13 climate outlook for precipitation	
Armenia (1)	Above normal	Above normal	Below normal	Below Normal to Normal	<p>During some days in June, most areas of Armenia observed torrential rainfall, occasionally heavy, accompanied by thunderstorms, strong wind (wind speed of 15-18 m / s, gusts 20-23 m/ s) and hail. In village Chochkan (region of Lori) large hailstones, about 40 mm in diameter, on June 11th. Heavy rainfall in Bagratashen (32mm/1h) on Jun11, in village Tashir (34mm/1h) on Jun 2, in Vanadzor (43mm/1h), in Fantan(60mm/1h) on Jun 24,</p> <p>4 heat waves were observed: during the period of 01-10 , 25-31 of July, 1-7, 12-20 of August ,when max Temperature In Ararat valley and Sjuniq lowland was 39-41⁰C .</p> <p>Significant precipitation deficit was observed across most of the country. Stations in the central regions didn't record any rainfall in the period until August 23, whereas during the 3rd decade of the month, recorded amount of precipitation was very high at all stations across the country and the monthly sums were above the normal, reaching 100-500% of average values (Artashat – 1000%).</p>