

Assessment of the seasonal forecast for the Summer season 2011 in Armenia

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June

The mean temperature was higher than normal by 1.5-1.9⁰ C,

The rainfall are spread irregularly. Precipitation amounts in the main part of territory were lower than normal, ranging 60-80%. but in the rest parts of territory it was higher than normal, ranging between 100-125% of normal.

July

The mean temperature was higher than normal over all Armenia by 1-2⁰ C, in Syunik region 2-3⁰ C. Heat wave was observed in the end of July, from 26 of July the temperature in Ararat valley was above 38⁰ C, especially in 31 of July the max, when in Ararat valley max values has reached up to 41⁰ C, in Megri 43,7. During above mentioned period the mean daily temperature was above normal by 5-7⁰ C.

The precipitation amounts were above normal in the main part of territory except north- east and south- east some local areas, where there were less than normal.

August

The mean monthly temperature was near the normal (in main part it was above normal by 0,3-0,7⁰ C, in Syunik region less than normal by 0,1-0,5⁰ C).

The monthly precipitation amounts in mountain region were 100 - 280% of normal, in Shirak Region 40-56% of normal, in Lori 35-77% of normal, in Tawush region 87-10.% of normal, in Ararat valley 44-91%.

High Impact Events: During June and July on several days convective related severe weather phenomena (thunderstorm, hail with diameter max 25mm, heavy rainfall 40mm/2hour and 31mm/12hour in Tashir, 37mm/40min in Vanadzor, strong wind with wind- gusts up to 16-25m/s) were observed.

Although August convective related weather phenomena is not typical for Armenia this summer in Aparan 51mm/40min, in Sevan, Aparan and Hrazdan hail was observed. Heat wave during the end of July and the beginning of August was observed. Record breaking high temperatures were registered in Syunik Region 43,7 which was higher from the previous record (2005) by 0.6 degree. Duration of hot days with temperature 40-42⁰ C in Ararat valley sequence was the longest registered ever since the beginning of the measurements.

The seasonal forecast was represented to the users through the Mass Media and directly to decision makers.

In this year we observed rising interest to seasonal and weather forecasts at all.

Country	Seasonal temperature	Seasonal temperature	Seasonal precipitation		
	Observed	climate outlook	Observed	climate outlook	High Impact Events
Armenia (1)	Above normal	Above normal	Below Normal To normal (In mountainous parts, above normal)	Below Normal	<p>During June and July on several days convective related severe weather phenomena (thunderstorm, hail with diameter max 25mm, heavy rainfall 40mm/2hour and 31mm/12hour in Tashir, 37mm/40min in Vanadzor, strong wind with wind- gusts up to 16-25m/s) were observed.</p> <p>Although August convective related weather phenomena is not typical for Armenia this summer in Aparan 51mm/40min, in Sevan, Aparan and Hrazdan hail was observed. Heat wave during the end of July and the beginning of August was observed. Record breaking high temperatures were registered in Syunik Region 43,7 which was higher from the previous record (2005) by 0.6 degree. Duration of hot days with temperature 40-42⁰ C in Ararat valley sequence was the longest registered ever since the beginning of the measurements.</p>