

December

In December of 2011, the monthly mean temperature in most part of country was below normal by 2-4°C, in Lori and Tavush (north-eastern part of Armenia) regions 0.5-1°C. The monthly mean maximum temperature in Syunik and Artsakh was +6...+10°C, in Tavush region +6...+8°C, in Ararat valey +1...+3°C, in Mountainous regions it varied -3...+2°C.

The highest temperature of month was observed on 22 of December and the max value was +18°C in Kapan.

The monthly mean minimum temperature in Shirak was -11...-16°C, In Kotayk, Lori, Gegharkuniq and mountainous part of Vayoc Dsor and Aragatsotn regions -5...-10°C, in Ararat Valey -4...-6°C, in Tavush, Sjuniq and Artsakh 0...-4°C:

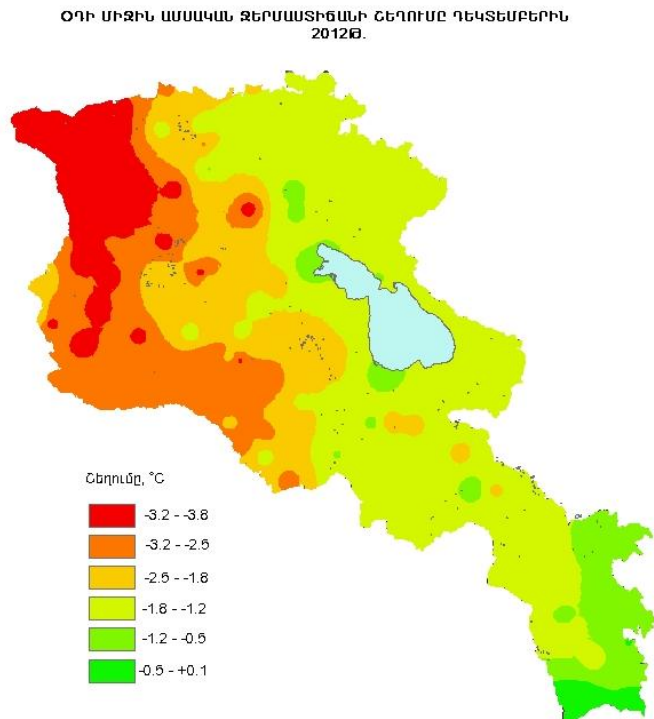


Figure 1. December mean temperature anomalies

The monthly amount of precipitations was very low than normal: and in Shirak it was 50-60% of the norm, in central regions - 25-45%, in south and north-eastern part- 5-15%.

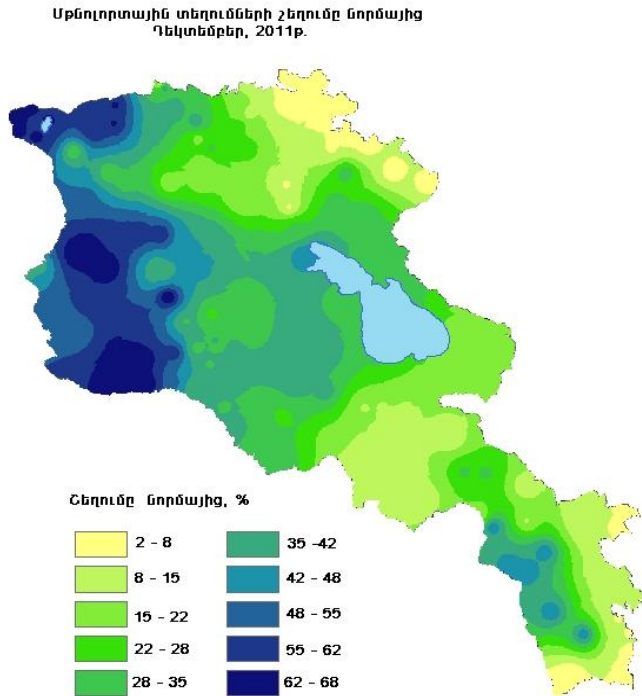


Figure 2. December precipitation anomalies(%)

January

January: January 2012 was warm, the average monthly air temperature in most part of Armenia was above normal 1-2 °C, in Ararat valley and his submaounteneos regions it was above normal by 3-4°C in Tavush near the normal. The montly mean maximum temperature in Syuniqu and Artsakh was +7...+8°C, in Tavush region and Ararat valey +5...+6°C, in Mountainous regions 0...-3°C. The air temperature was quite high at 16-18 of January In the south-east the temperature rise to +14 ... +16°C, in the foothills of the Ararat valley and the north-eastern part to 8 ... 13°C, in the mountainous regions to +2 ... +5°C The montly mean minimum temperature was in montenous regions -8...-13°C, In Lori -5...-7°C, Vajoc dsor, in Ararat Valey -2...-4°C, in Tavush, Syuniqu and Artsakh 0...-4°C:

The lowest temperature was observed on the 21-23th of January and in mountainous regions was 19...-24°C, in Lori region 15...-20°C, in Tavush, Artskh and in Submountainous part of Syuniqu -8...-13°C, In Ararat Valley and in Syuniqu -5...-9°C.

ՕԳԻ ՄԻՋԻՆ ԱՍՍԱԿԱՆ ԶԵՐԱՍՏԻՃԱՆԻ ՇԵՂՈՒՄԸ ԳՈՒՆՎԱՐԻՆ 2012Թ.

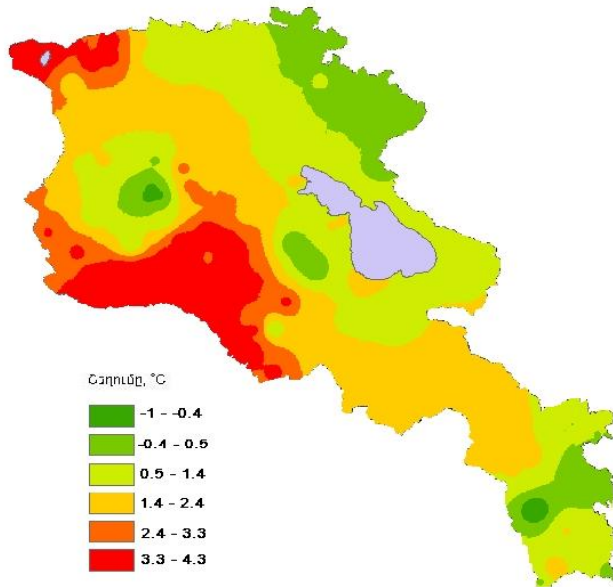


Fig. 3. January mean temperature (0C) anomalies.

The monthly amount of precipitation in most parts of the Armenia was below normal. Only in Shirak and Gegharquniq regions it was near the normal. In the other parts of the country it consisted of 40-70% of the norm.

Արևուրդատային տեղումների շեղումը նորմայից
Ղունար, 2012թ.

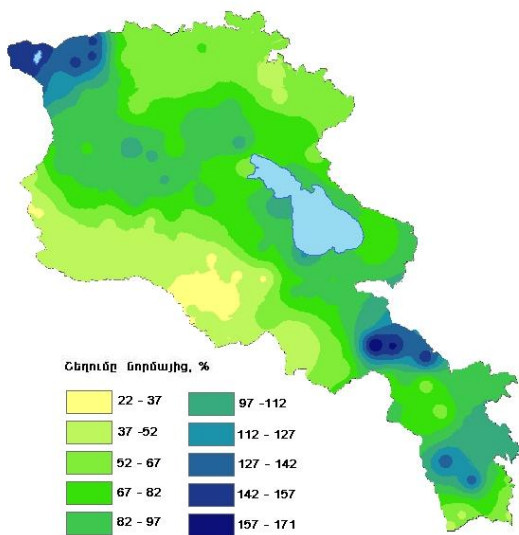


Fig. 4. January precipitation anomalies(%)

February

The February mean temperature in most parts of the regions was below the normal 2-3, in Tavush and Syunik regions 1-2°C. The mean maximum temperature in Syunik and Tavush lowland regions +3...+6°C, In Lori and Ararat valley it was 0...+4°C, in Artsakh and submountainous parts of Syunik 0...+2°C, in mountainous regions -2...-7°C. The highest temperature was recorded in Syunik lowlands +18...+20°C, Ararat Valley +11...+16°C on 29th of February. In Tavush and Artsakh it was +10...+14°C, in mountainous regions it was 0...+5°C.

The mean monthly temperature in mountainous regions recorded was -13...-18°C, in Ararat Valley 6... -11°C, Syunik lowlands and in Artsakh -2...-5°C. The lowest temperature of the month was recorded on 12th and in mountainous regions -24...-29°C (in Ashotsq' -34°C), in Ararat Valley -10...-15°C, in Syunik lowlands -3...-8°C.

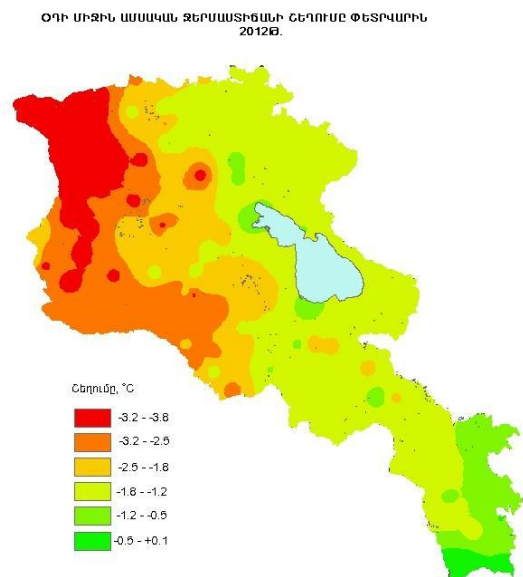


Fig. 5. The February mean temperature anomalies

In February the precipitation exceeded the mean value twice, and in some places by three times. The monthly amount of precipitations in Shirak was 142-150% of the norm, in Kotayk - 116-160%, in Gegharquniq 71-153%, in Aragatsotn - 84-223%, in Lori - 70-150%, in Tavush - 61-100%, In Ararat Valley - 51-199%, in Syunik it was 57-138%.

Արևելաօրոտային տեղումների շեղումը նորմայից
Փետրվար, 2012թ.

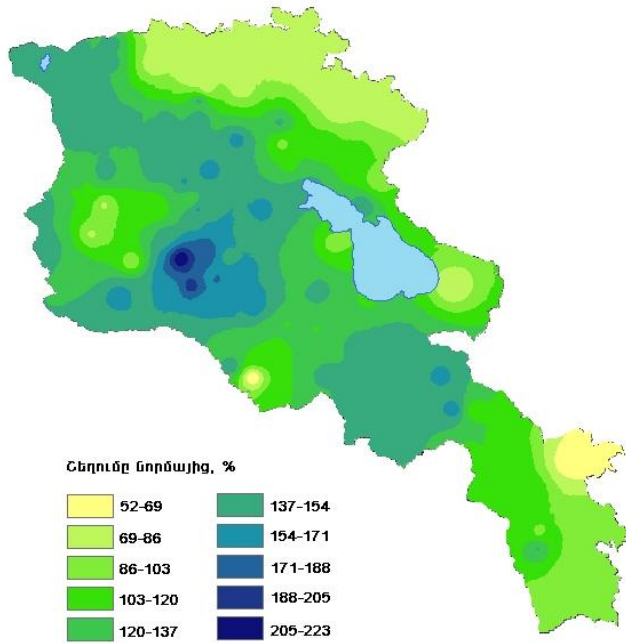


Fig. 6. February precipitation anomalies (%)

High-impact events in Armenia in winter

Data	Region	Phenomenon	Duration of the phenomena	The maximum value
December 21	Pushkin pass	Strong wind	6 hours, 25min.	26m/s, поп.38 m/s.
December 25	Ashtarak	Thick fog	15 hours	Visibility 50m
January 14	Tain	Thick fog	2hours 15min.	Visibility 50 m
January 19	Gyumri	Strong wind	9 huors	15m/s, gust 25m/s
February 1	Gyumri	Сильный ветер	13hours,30min.	15 m/s, gust 25m/s.
February 14	Eghvard	Thick fog	8 hours	Visibility 50 m

Generally, mean temperatures were near the normal values in almost whole country. It was expected 40% below normal, 35% normal and 25 % above normal in the whole country by SEECOF experts forecast.

The monthly amount of precipitation in most parts of Armenia were near the normal. By SEECOF experts forecast it was expected 40% near the normal, 35% below normal and 25% above normal. So we can state that SEECOF forecast was right for Armenia in general, but taking seperately by months it was the temperature forcast was quite different for January.

Zara Petrosyan
Armstatehydromet
Head of Meteorological Centre
0002, Leo st.54, Yerevan, Armenia

Tel: 37410 536021,37493383311
Fax:37410 532952