

Weather conditions during the winter season over Azerbaijan

December 2010

December was anomaly warm with domination of dry days during all month. Mean air temperature was 5-7⁰, on 12nd 12⁰ C above normal (*).

Air temperature in lowlands areas peaked up its maximum at 18-23⁰, in highlands 16-21⁰, in Nakhchivan AU 17-22⁰, Absheron peninsula 18-23⁰ C. Baku station **recorded** daily maximum of 22. 7⁰ C on 12nd of December, breaking the previous December record for the past 100 years of +19.6⁰ C which is recorded in 1906.

January 2011

In January the weather was again anomaly warm. Monthly mean temperature was above the normal 2-5⁰ C. In Baku on 26 of January daily mean temperature was 9⁰ C above normal. On the same day maximum temperature in Baku was 17.2⁰ and in Sumqayit 19⁰ C, similar temperatures were observed on 26.01.1993 (18.4⁰ and 20⁰ C)

Monthly precipitation was near normal with a little negative and positive deviation. Intensive rainfalls observed during some days and precipitation amount was between 43% and 304% of normal. In most regions Snow cover was between 2 and 39 sm.

February 2011

The weather in February was very unstable, wet and windy. Monthly mean temperature was near normal with a little positive and negative deviation, intensive precipitation's amount in most regions was 95-153% above normal. The highest snow cover was in highlands and foothills (14-55 sm). Generally, water continent of snow in the country was 2 times higher in comparison with last year (last year precipitation amount was less than in 2011).

North-west and south-west directions of wind were prevailed during the month over all country. Maximum speed of wind in most regions was between 20-28 m/s, in Absheron-sea area gusts reached 29 m/s.

Summary: Temperature conditions were warm during the season, which are quite not in accordance with the prediction. (Seasonal outlook reflected many uncertainties).

Precipitation in winter season was near normal in foothills and lowlands and a little below normal in the other regions, however, the heaviest precipitation observed mainly in February. (Prediction was wrong)