

State Hydrometeorology Agency of the Republic of Tajikistan



Weather forecast for January – March 2011

The forecast is prepared by Hydrometeorology Centre at State Hydrometeorology Agency of the Republic of Tajikistan, jointly with experts from long-term forecasts laboratory at Hydrometeorology Centre of the Russian Federation according to maps of anomaly of temperature and precipitations.

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January

Khatlon Region and lowlands in Direct Rule Districts (DRD)

Average monthly air temperatures are expected to be 2 to 3⁰C above normal; in lowlands 4 to 5⁰C (normal 1 to 2⁰C), at foothills 1 to 2⁰C (normal 0 to 1⁰C).

The warmest weather is supposed to be in the beginning and at the end of the first and third 10-day period of the month; daytime temperature is expected to rise up to 10 to 15⁰C, and nighttime temperature during the last 10-day period of the month is expected to rise to 1 to 6⁰C. During other days of the month daytime temperatures may fluctuate between 0 to 5⁰C to 5 to 10⁰C, and nighttime temperatures are expected to fluctuate between -3 to 8⁰C and -4 to 1⁰C.

Monthly volume of precipitation is expected to be close to normal: in lowlands (normal 43-82 mm), in the South (normal 28-46 mm), and in the foothills (normal 86-102 mm)

Sughd Region

The average monthly temperatures in lowlands-foothills and highlands are expected to be 2 to 4⁰C above normal; in lowlands and foothills 2 to 4⁰C (normal 0 to 2⁰C), in highlands -2 to -5⁰C (normal -4 to -7⁰C).

It is forecasted that in the beginning and at the end of the first and the third 10-day period of the month, the daytime temperatures may rise 8 to 13⁰C, and nighttime temperatures during the third 10-day period of the month may rise -1 to 4⁰C. During other days the daytime temperatures are expected to fluctuate between -1 to 4⁰C and 3 to 8⁰C, and nighttime temperatures may fluctuate between 3 to 8⁰C and -4 to 1⁰C.

Monthly volume of precipitation is expected to be close to normal: in lowlands and foothills (normal 10-39 mm); in highlands (normal 9-18 mm).

Mountain areas of DRD and the Western parts of GBAO

It is forecasted that the average monthly temperature will be 1 to 3⁰C above normal with monthly temperatures -2 to -6⁰C (normal -3 to -9⁰C).

It is expected that in the beginning of the first and the third 10-day period of the month, the temperatures will rise 0 to 5⁰C, and the nighttime temperatures during the third 10-day period of the month will be -2 to 3⁰C. During other days of the month the daytime temperatures may fluctuate between -4 to 1⁰C and -2 to 3⁰C, and nighttime temperatures between -3 to -8⁰C to -8 to -13⁰C.

Monthly volume of precipitation is expected to be above normal: in Western GBAO (normal 20-56 mm); in DRD (normal 39-150 mm).

During some days it is possible that wind blow will increase to 17-22 m/s; it will be foggy in passes.

Eastern regions of GBAO

It is expected, that the average monthly temperatures will 3 to 5⁰C below normal with average monthly temperatures -20 to -22⁰C (normal -17 to -18⁰C).

During the month it is expected high fluctuation of nighttime temperatures between -28 to -33⁰ and -20 to -25⁰C, afternoon temperatures will fluctuate between -16 to -21⁰C and -8 to -13⁰C.

Monthly volume of precipitation is expected to be above normal (normal is 5-20 mm). In some places there may be increased wind, snowstorms.

February

Khatlon Region and lowlands in Direct Rule Districts (Map 1)

The average monthly temperatures in the majority of lowlands are expected to be 2 to 5⁰C, in Khatlon Region's foothills 0 to 2⁰C, which is on 1⁰C below normal.

Monthly volume of precipitations is expected to be above normal (normal in Khatlon lowlands is 74-101 mm), in the South (normal 22-53 mm), in foothills (normal 110-130 mm), in lowlands of DRD (normal 79-83 mm).

Sughd Region

The average monthly temperatures in the majority of lowlands are expected to be 0,7 to 2⁰C, in foothills -1 to -2⁰C, in highlands -5 to -8⁰C, Shahrstan pass -10⁰C, which is 1⁰C below normal.

Monthly volume of precipitation is expected to be above normal: normal in lowlands (13-38 mm), in foothills (12-38 mm), in highlands (10-22 mm), in Shahrstan pass (30 mm).

Mountain areas of DRD and the Western parts of GBAO

The average monthly temperatures in highlands of DRD are expected to be -3 to -8⁰C, in Western parts of GBAO it will be -4 to -6⁰C, Darvaz 0⁰C, Southern slopes of Hissar Range the temperatures will reach -2 to -8⁰C, Anzob pass 13⁰C, which is 1⁰C below normal.

Monthly volume of precipitations is expected to be above normal: normal in highlands of DRD (37-113 mm), Southern slopes of Hissar Range (140-141 mm), in Anzob pass (42 mm), in Western parts of GBAO (8-52 mm, in Darvaz - 59 mm).

Eastern regions of GBAO

The average monthly temperatures are expected to be -17 to -21⁰C, on glacier Fedchenko it is -18⁰C, which is 1 to 2⁰C below normal.

The monthly volume of precipitations is expected to be below normal: normal (4-16 mm), on glacier Fedchenko (121 mm).

March

Khatlon Region and lowlands in the DRD (Map 2)

The average monthly temperatures in the majority of lowlands are expected to be 9 to 12⁰C, in foothills of Khatlon Region 5 to 7⁰C, which is within normal.

The monthly sum of precipitations is expected to be within normal: normal in lowlands of Khatlon Region is (52-134 mm), in the South (37-43 mm), in foothills (170-204 mm), in lowlands of DRD (129-139 mm).

Sughd Region

The average monthly temperatures in the majority of lowlands are expected to be 9⁰C, in foothills 5 to 7⁰C, in highlands from -2⁰C to 2⁰C, Shahrstan pass -5⁰C, which is within normal.

The monthly amount of precipitations is expected to be within normal: the normal in lowlands is (18-54 mm), in foothills (28-71 mm), in highlands (26-48 mm), in Shahrstan pass (55 mm).

Mountain areas of DRD and the Western parts of GBAO

Average monthly temperatures in highlands of DRD are expected to be from -1⁰C to 5⁰C, in the Western parts of GBAO 1 to 3⁰C, Darvaz - 7⁰C, Southern slopes of Hissar Range from -2⁰C to 5⁰C, Anzob pass: -8⁰C, which is within normal.

Monthly volume of precipitations is expected to be within normal; normal in highlands of DRD (63-165 mm), Southern slopes of Hissar Range (200-216 mm), in Anzob pass (63 mm), in the Western parts of GBAO (52-76 mm, in Darvaz 93 mm).

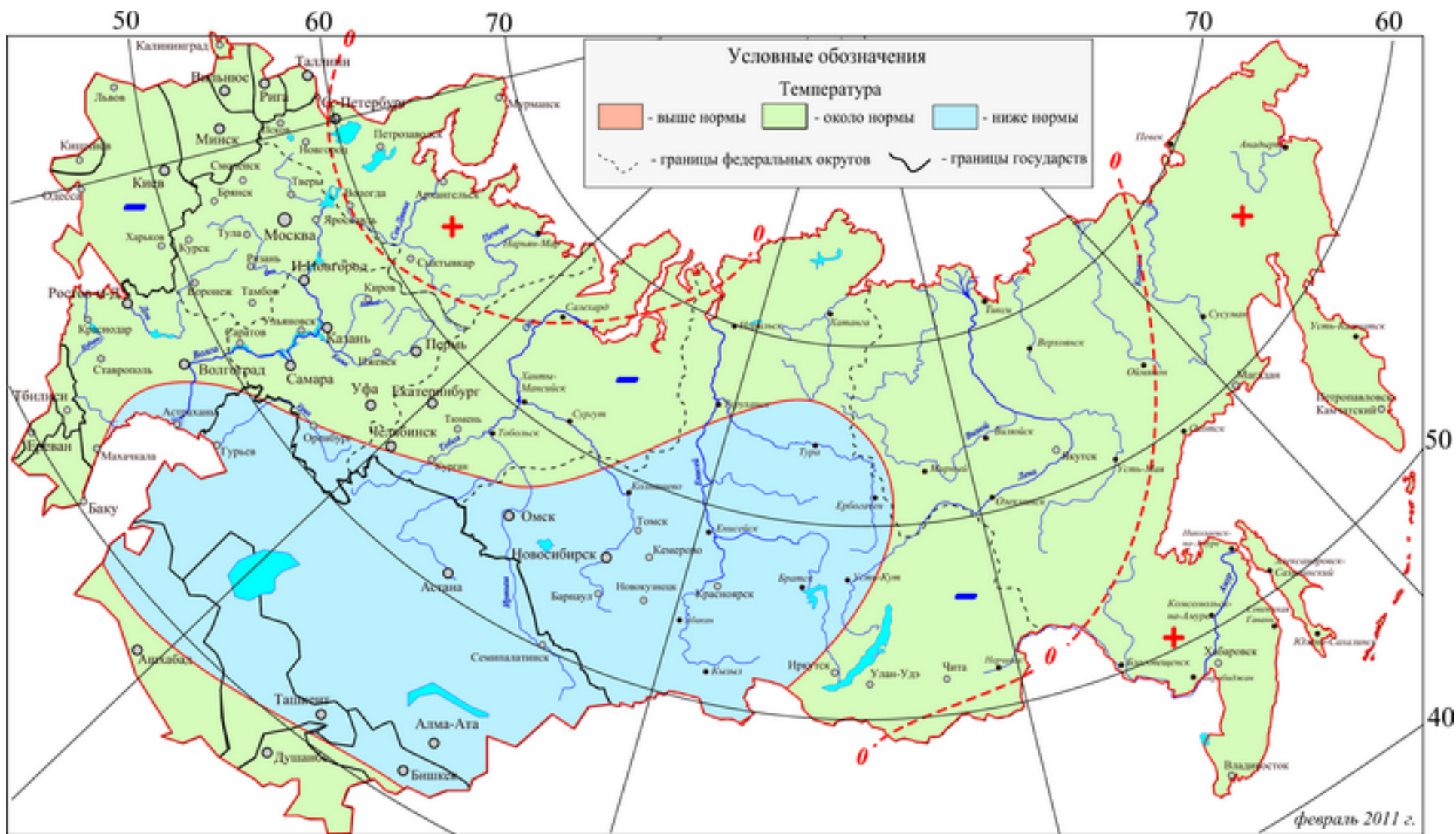
Eastern regions of GBAO

The average monthly temperatures are expected to be -7 to -14⁰C, on glacier Fedchenko -13⁰C, which is within normal

Monthly volume of precipitations is expected to be below normal (normal 5-15 mm), on glacier Fedchenko (154 mm).

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Map 1. Temperature forecast for February, 2011.



Map 2. Temperature forecast for March, 2011

