



*Empowered lives.  
Resilient nations.*

# **WEATHER OVERVIEW MAY 2012 and WEATHER FORECAST FOR JUNE 2012**

State Agency for Hydrometeorology of the Republic of  
Tajikistan

---

REACT MEETING  
6 June 2012.

---

May was characterized by frequent fluctuation of temperature and precipitations.

Monthly average temperature was 1-2° below the long term averages, except Sughd Province where the monthly average temperature was 1° above the long term averages:

- ❖ 16 – 22° at the lower elevations and in the foothills;
- ❖ 8-15° at the higher elevations (in Darvaz - 18°);
- ❖ 2-5° in the mountains.

The lowest temperature was recorded in May 1-6, 11-15, 18-24, и 27-28, 2012, when the nighttime temperature at the lower elevations was dropped to 8 to 14°C, and during the day the temperature was 21 to 24°C. At the higher elevations the nighttime temperatures dropped to 3 - 6°C and the day time temperature dropped to 11-15°C.

The warmest temperature was recorded in the period of May 9, 15-16, 23-25, 27-31 , when the daytime temperature was increased up to 28-32°C and on the southern part up to 35°C.

Precipitations of various intensity was recorded during 10-14 days at the lower elevations and in the foothills, and 10-18 days in the mountains and at the higher elevations.

Monthly average precipitation in most of the regions was above long term averages and in some parts below the long term averages:

- Khatlon Province ( 49-289% from the norm),
- Sughd Province ( 32-173% from the norm),
- DRD ( 21-135% from the norm),
- Western GBAO ( 50-111% from the norm),
- Eastern GBAO ( 89-376% from the norm).

Intense rain with thunderstorm has been recorded in May 8, 10-11 countrywide. The most intense rain was in Rasht when in 24 hours the precipitation totaled 24 mm, in Muminabad in May 8<sup>th</sup> the precipitation totaled 42mm, Khovaling – 34mm, Chormagzak – 30mm, Busunabad – 26mm, Yavan in May 11<sup>th</sup> – 25mm, in May 10<sup>th</sup> in 9 hours in Muminabad and Penjikent the precipitation totaled 21-28mm; and in May 17<sup>th</sup> in Yavan in 3 hours precipitation totaled 38mm, in Muminabad in May 20<sup>th</sup> the precipitation in six hours totaled 31mm.

During the precipitation in some of the regions the wind speed increased up to 20-25m/sec.



---

# **FORECAST FOR JUNE 2012**

# ***KHATLON PROVINCE AND LOWER ELEVATIONS OF DIRECT RULE DISTRICTS***

---

Monthly average temperature in June is expected to be 1<sup>0</sup> above the long term averages :

- 25-28<sup>0</sup> C at the lower elevations,
- 20-22<sup>0</sup> C in the foothills.

During the first part of the month the stable temperature is forecasted: at night 13-18°C, and during the day the temperature will range from 28-36°C, in the foothills at night 10-15°C, and during the day 23-28°C.

During the second part of the month the temperatures is expected to increase up to 19 -24°C during the night, and at daytime will be 34-39°C, in the southern part will be up to 42°C, in the foothills at night will be 13-18°C and during the day will be 29-34°C.

Monthly average precipitation is expected to be below the norm: lower elevations of DRD – 6 mm; Khatlon Province - 1-8mm and in the foothills of Khatlon Province 12-21mm.

# SUGH D PROVINCE

---

Monthly average temperature at the lower elevations is expected to be **1° above long term averages**: at the lower elevation 25 – 27° and at the higher elevations 12-14°.

During the first part of the month the temperature will be stable: 14-19° at night and 28-33° during the day time, at the higher elevations at night 7-12° and during the day 15-20° .

During the second part of the month the temperature is expected to be increased up to 19 – 24° at night and 35-40° during the day, at the higher elevation 10-15° at night and 23-28 during the day time.

The monthly average precipitation is expected to be below the long term averages:  
5-19 mm at the lower elevations;  
21-46 at the higher elevations.



# EASTER GBAO

---

Monthly average temperature is expected to be within the norm: 6-9<sup>0</sup> C.

The fluctuation of the temperature is expected during the entire month: during the night time the temperature will range from -3 to 7<sup>0</sup> C, in some locations up to 10<sup>0</sup>, and during the day will range from 7 to 18<sup>0</sup>, in some locations will increase up to 22°C.

Monthly precipitation is expected to be below the norm and will make 8-16mm.

Year of analog - 1986

# HIGHER ELEVATIONS OF DIRECT RULE DISTRICTS AND WESTERN GBAO

---

Monthly average temperature is forecasted to be within the norm: 17-20° C.

During the first part of the month the temperatures will be stable: at night 9-14°C, in some locations - 15°C, during the day time 22-27°C, in some locations will increase up to 32°C.

During the second part of the month the temperature can be increased up to 12-17° at night, in some locations 20°, during the day time the temperature will be from 29 to 34° and in some locations can be 37°.

Monthly precipitation at the higher elevations of DRD is expected to be 20-44mm below the norm, in western GBAO 7-17mm above the norm.



---

# THANK YOU!

**State Agency for Hydrometeorology of the Republic of Tajikistan**

**Shevchenko Street 47, 734025, Dushanbe, Tajikistan**

**Tel: (+992 37) 221-41-24, (+992 37) 223-17-72;**

**Email: [forecast@meteo.tj](mailto:forecast@meteo.tj)**