

**May 2010 Disaster Map**

**LEGEND**

- Affected Districts (Red)
- Other Districts (Grey)

Map showing the May 2010 Disaster in Tajikistan. The map displays the administrative boundaries of districts. Districts affected by the disaster are shaded in red, while other districts are shaded in grey. Major cities are marked with red dots and labeled: Dushanbe, Khujand, Khorog, and Kurgan-Tyube. The map includes a scale bar (0 to 160 km) and a compass rose indicating North (N), South (S), East (E), and West (W).

The heavy rains from 25 March to 5 May, 2010 have resulted in flooding, mudflows and landslides in 21 districts across Tajikistan.

Damage and needs assessments were conducted for specific disasters by local and national CoES staff together with regional and national REACT members. The publically available reports can be found at [http://groups.google.com/group/react\\_dushanbe](http://groups.google.com/group/react_dushanbe). Local governments are submitting information on destroyed and severely damaged houses to authorities in Dushanbe to secure funds and materials for recovery activities.

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## May 2010

- **Floods in Gonchi District (Sughd Province)**

As a result of heavy rains, at 1415 on May 5, 2010 mudflow occurred in the village Khushekat, Jamoat Rasrovud, Ghonchi District of with a population of around 3000 people (~ 700 households). According to preliminary information provided by Red Crescent Society of Tajikistan (RCST) and CoES local representatives, the mudflow totally destroyed 16 houses (~ 80 individuals), a mosque, and library, and partially damaged another 60 houses (~ 300 individuals). Inhabitants of the destroyed houses are currently hosted by relatives and neighbors.

The mudflow damaged 3.5 km of water supply lines and currently access to clean drinking water in the village is restricted. In addition, electricity lines have been damaged and there is currently no electricity available in the village. Mudflow destroyed 3.5 ha of crops in kitchen gardens and another 0.7 ha of orchards. The mudflow flooded basement, kitchens and facilities of houses, where the main food stock of the households was stored.

- **Floods in Kulyab District (Khatlon Province)**

According to information of Committee of Emergency Situation and Civil Defense of Kulyab town and Kulyab zone on 4-5th of May 2010, 105 houses and 2 km roads in Kulyab town and Kulyab districts were affected by heavy rain. No damage to living quarters was reported with the flooding mainly affected kitchen gardens and house yards.

- **Floods in Muminabad District (Khatlon Province)**

Heavy rains on May 4 caused flooding in Sangdara and Jarchep villages, Muminabad District. A total of 42 houses and 2 kilometers of access roads have been affected. No damage to living quarters was reported with the flooding mainly affected kitchen gardens and house yards.

### **Assistance provided**

- The REACT Rapid Assessment Team, Sughd Province, including representatives of CoES, RCST, UN WFP, Mercy Corps, ACTED, ASTI and YGPE, organized an assessment trip to Rasrovud village (Gonchi District) to conduct a Damage and Needs Assessment.
- The structures intended to protect housing from mud flows within Dahana and Ziraki jamoats are being reinforced through support of the Kulyab Hukumat.

## April 2010

- **Floods in Vose District (Khatlon Province)**

The heavy rains of April 11 and April 17 flooded villages of Vose district. Water levels in the houses in the villages rose quickly to between 1 and 1.5 meters. Access to the area was restricted due to high water levels and fast flows.

Mostly affected villages are:

- Kuchaboch and Chorbogh villages, Pakhtakor Jamoat: 146 houses affected by flooding, with 14 houses totally destroyed and 78 houses partially damaged.
- Tugarak village, Tugarak Jamoat: 39 houses affected by flooding. 19 houses evaluated as totally destroyed (3 out of 6 houses belong to Gypsy community) and 20 houses are partially damaged. 220 hectares of arable agricultural land affected as well.
- Ghofilobod village, Michurin Jamoat: 28 houses, 35 hectares of agricultural land and 1 school affected by flooding. 14 houses evaluated as partially damaged.

- Shahrak settlement of district center: roofs of 70 houses damaged due to strong wind affect.
- Guliston village: roofs of 17 houses damaged due to strong wind affect.
- Mehnatobod, Aral and Pakhtaobod villages: 17 houses affected by floods.

- **Floods in Muminobod District (Khatlon Province)**

Heavy rains of April 11 and April 17 caused flooding in Muminobod district. 11 villages from Balkhobi, Boghai, Tutu and Kulchashma jamoats have been affected.

The badly affected settlements with registered damages in Muminobod are:

- Jarchep village, Tutu Jamoat: 120 households affected by flood. Out of total affected 16 houses were evaluated as destroyed. The assets of families under risk and are being removed to safe spaces. Four streets are filled in by mud and stone;
- Boghi Habib village, Balkhobi Jamoat: a car bridge is washed away; 58 households partially affected by flood;
- Balkhobi village, Balkhobi Jamoat: the yard of secondary school is filled in by mud and stone and the school has been closed for unpredicted period.
- Ghesh village, Kulchashma Jamoat: bridge connecting the village with Jamoat and district centers is washed away;
- Sangdara village of Boghai Jamoat: main road along the village which connects Langar village with district center is washed away.
- Main road of Muminobod to Kulyab near Tole' village was badly damaged due to landslide and partially rehabilitated by the road maintenance bureau of the district.

- **Floods in Khovaling District (Khatlon Province)**

The heavy rains of April 11-13, 2010 caused flooding of Khovaling District center. As a result 1km access road and 5 bridges damaged.

- **Floods in Bokhtar District (Khatlon Province)**

Due to heavy rains of April 11-12, 2010 and following flooding following damages reported from Bokhtar District:

- Over 1,300 hectares of cultivated land affected;
- 1 school damaged;

- **Floods in Shurobod District (Khatlon Province)**

Heavy rains caused flooding in Shurobod District on April 11, 2010. Preliminary information provided by CoES indicates that around 30 households have been affected, out of which 2 houses are fully destroyed in villages Dashti Jum and Shohina of Dashti Jum Jamoat, Shurobod district. One elderly man reported to be dead in village Dashti Jum. School # 21 has been partly affected by flooding as well. Currently local authorities are assessing the caused damage.

Due to the increase of water level in small river Obiniyov, bridge located on 267<sup>th</sup> km of Dushanbe-Khorog road and close to village Shogun has been damaged. Currently communication on Dushanbe-Khorog road is blocked because of damaged bridge. Representatives of Transport and Road Services have been mobilized, to restore the communication.

- **Floods in Sarband District (Khatlon Province)**

Heavy rains of April 11, 2010 caused floods in Sarband District. Floods caused damages to the houses in villages Guliston and Okgaza. Internal roads and bridges have been damaged in Sarband town and Guliston Jamoat. Around 200 ha of cultivated land (cotton and different food crops) have been destroyed by flood in Sarband District.

- **Floods in Kulyab (Khatlon Province)**

Heavy rains caused floods in Kulyab Town on April 11, 2010. Preliminary information indicates that approximately 30 houses located at streets 1<sup>st</sup> of May, Charmgaron and Lohuti have been affected. School # 44 in Dahana Jamoat has been affected and partly damaged.

- **Floods in Istaravshan District (Sughd Province)**

Heavy rains of April 11 caused flooding in Istaravshan Town, as well as in Nijoni, Nafaraj and Communism jamoats. The flooding has damaged the private houses, social infrastructure and agriculture. Preliminary information provided by CoES indicates that 75 houses were partially damaged and 1 house is destroyed. In addition, school # 55 in village Nijoni, 5 km of internal roads, 4 bridges, 21 ha of vineyards, 1 ha of potato cultivations have been damaged. 10 heads of livestock have been killed by flooding. The bridge connecting Ghonchi and Istaravshan district has been destroyed.

- **Floods in Panjakent District (Sughd Province)**

On 28 April 2010 at 17:00 PM heavy rain and hailstorm affected the villages located in Jamoats Khalifa Hasan and Chinor of Panjakent district. The floods and mudflows caused by rains affected more than 50 houses, a number of schools, 3 bridges, cattle, communication and power supply systems within mentioned jamoats and settlements.

**Panjakent District Centre**

- Over 27 houses were partly damaged and 3 houses were destroyed in Sughdiyon Mahalla.
- One house was partly damaged in Zardoluzor Mahalla and two houses were partly damaged in Soi Misrak Mahalla
- The supporting buildings of Forestry Farm Office and Floods Protection Office were damaged;
- The walls of Vodokanal Office, 500 meters of sewage system line, 2.3 km of main water supply pipelines were damaged. The Zeravshan Main Pump Station is partly damaged;
- The warehouse of Red Crescent Society branch office was filled by water;
- 3 km of road and 3 bridges were damaged;
- In aggregate above 30 km of power supply line and 9 transformers were damaged;
- 13 km of communication lines were destroyed;
- The basements of the secondary schools are filled by water;

**Jamoat Khalifa Hasan**

- More than 25 houses, 3 vehicles within the villages Shurcha and Zebon were affected
- Over 100 heads of cattle were killed.

- **Landslide in Darvaz District (District of Direct Subordination)**

On the April 07, 2010 the landslide occurred near the village Kalai Husayn of Darvaz District, which has blocked the Rogob river stream and caused a lake. Currently situation has been stabilized, however the real threat of landslide movement still exist. Based on the predictions of the experts, the recurrence of the landslide is possible, as the river bank is unstable.

- **Floods in Fayzabad District (District of Direct Subordination)**

Due to heavy rains of April 11-12, 2010 water level in river Elok has increased significantly. As a result villages Sarichashma, Jonvarsuz, Shaydoni, Chuqurak, Kabkrezi (Vashgird Jamoat), Tagnazar (Mehrobod Jamoat) Navobod, Shiramol (Buston Jamoat) have been affected. As a result of flooding 12 houses were partly damaged and 1 bridge was washed away. In addition 9 kilometers of Dushanbe-Fayzabad road have been covered by mud.

- **Risk of landslide in Varzob District (District of Direct Subordination)**

Due to heavy rains of April 11, 2010 a land crack has occurred, creating a high risk of landslide in village Namozgoh of Ziddi Jamoat. Possible landslide could block the stream of Varzob river and flood mentioned village (approximately 30 households). Currently the situation is calm and there is no risk of flooding as it was reported by Varzob CoES.

- **Strong winds in Vahdat District (District of Direct Subordination)**

Due to strong wind on April-12, 2010 the roof of school #8 named after M. Tursunzoda in Nawruz Village of Roziqi Jamoat has been damaged. As per the preliminary calculations the cost of damage is around 4,000 somoni.

- **Flooding in Rudaki District (District of Direct Subordination)**

Heavy rains of April 12, 2010, flooding occurred in Esanboy Jamoats, Guliston, Zaynabobod, Sultonobod and Somoniyon causing damage to 72 private houses, social infrastructure in the rivers Kofarnihon, Elok and some floods outfall canals as well as. In addition, 4 bridges, 5 km of internal roads, 10 km of irrigation networks and canals affected. Moreover, 10 heads of livestock have been killed by flooding.

- **Flooding in Hisor District (District of Direct Subordination)**

Heavy rains caused floods on April 12, 2010. Preliminary information indicates that the flooding affected villages Murutak, Chinori Sukhta, Sharofobod, Jirtiqi and Jarteppa of Oriyon Jamoat. As a result 3 houses were partly damaged. Moreover, due to full irrigation networks, the access roads are covered by mud and stone resulted by flood.

### **Assistance provided**

- Irrigation channels have been cleaned by support of Hukumat of Vose District.
- Oxfam GB distributed nutritional items, purification tablets and soap provided by Unicef to children of affected households. Assistance was provided to 28 HH with significant damages (over 25%) in Ghofilobod (Kashar) Village of Vose District.
- 28 households of Ghofilobod Village, and 146 HH of Kuchabogh Village, Vose District were supplied with the flour (50kg perHH), oil (5 liters per HH) and sugar (3kg per HH) by one private individual.
- Community based Organization “BAKHT” is going to support the school of Ghofilobod Village in cleaning the schoolyard from the mud.
- Red Crescent supplied Kuchabogh Village, Vose District with 10 – tents.
- The RCST will distribute non-food items to 120 affected households in Istaravshan, Muminobod, Shurobod, Vose and Sarband districts. 101,810 USD was allocated from the International Federation’s Disaster Response Emergency Fund for this purpose.
- Mission East is distributing shovels and hoes to 147 households in Chorbogh Village, Vose District to help with cleanup activities. In addition, Mission East pays the fuel costs for 2 tractors, lent by the communities of Dahana and Ziraki jamoats, and a few other vehicles to help move debris and broken material out of the area.
- Oxfam will rebuild 200 latrines and conduct a public health campaign in the most affected villages in Vose District. Funding is provided by DFID.
- WFP dispatched 81 tons of food for 395 families in Muminabad, Shurobod and Vose districts. The families will receive 2-month rations by the end of April.

**March 2010**

- **Landslide in Nurobod District (District of Direct Subordination)**

On 27 March 2010, at 06:00 AM, a landslide had blocked the Surkhob River in close distance to Diyaghulomon village of Nurobod District. The big volume of soil had blocked the river flow and created a reservoir.

According to information received from Mr. Nekruz Mirzosharipov, Head of CoES branch office in Garm, on the same day around 11:00 AM the river started flowing over the mudslide. Over 400 people living in villages downstream were evacuated to safe areas. In addition, the management of Roghun HPS had stopped construction works at risky locations. Machinery and manpower were evacuated from the sites until 18:00PM in order to mitigate the possible effects.

The whole mass of the landslide has been washed out by the river flow. The landslide is reported still slowly moving. The risk of water accumulation is considered to be low by the representatives of CoES.

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