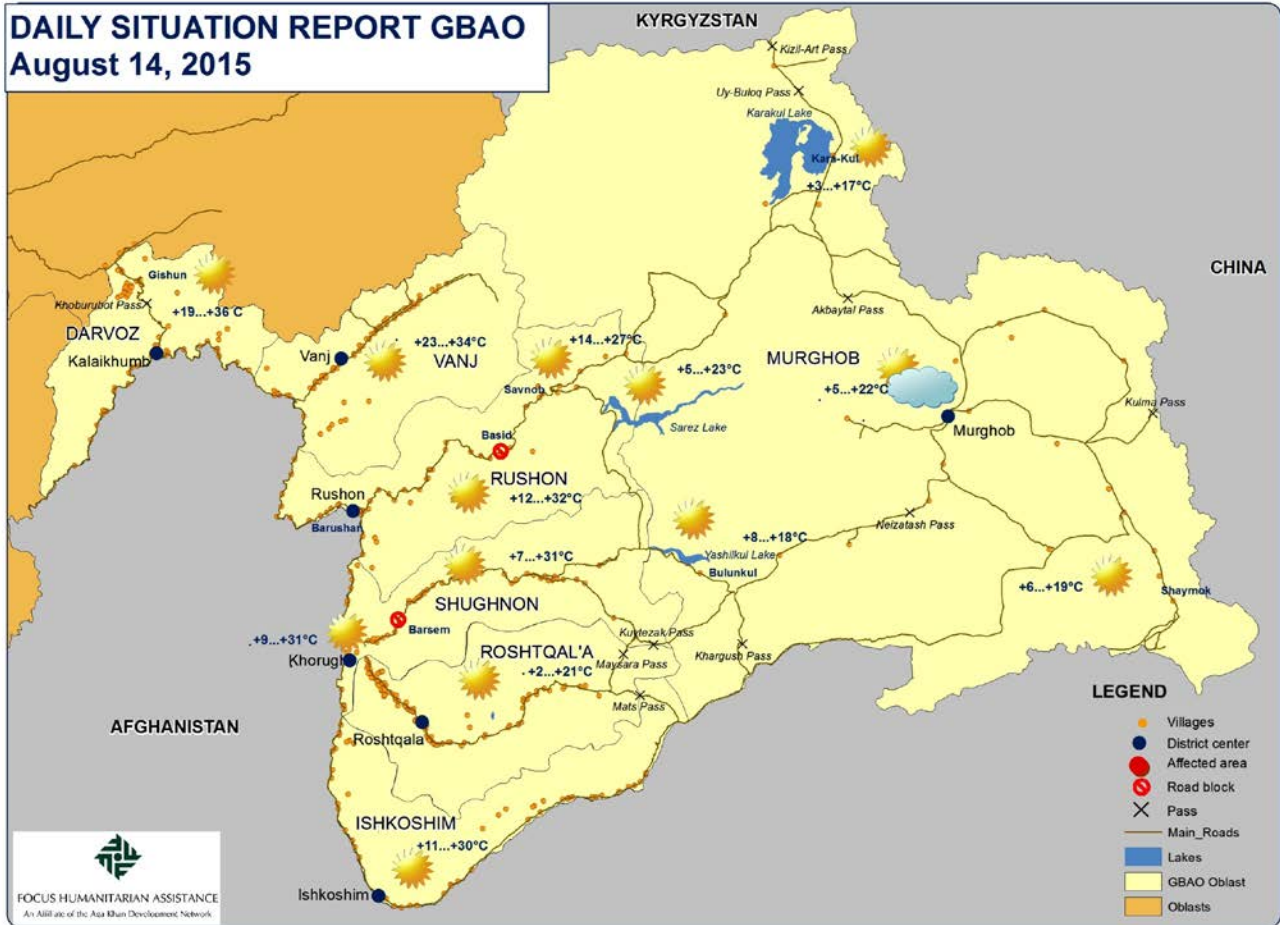


**Mudflow in Gorno-Badakhshan Autonomous Oblast (GBO)**  
**Tajikistan**  
**Situation Report # 4**  
**August 14, 2015**



**Key Highlights:**

- As of 19 August, all districts of GBAO have been affected by mudflow.
- Six people killed and more than 168 households (104 fully and 64 partially) destroyed.
- An artificial lake created in Gund river increased to 20 cm by end of July 2015.
- Affected population are relocated to the tent camp in Shugnan District.
- Government has allocated land for construction of the houses for 83 affected families in Shugnan District.
- Water, food and non-food items are among the highest priority needs for about 1,500 affected people.

**Situation Overview**

Tajikistan experienced critical flooding across the country in mid-July 2015. High temperatures led to a rapid melting of ice glaciers, which triggered mudflows in Gorno-Badakhshan Autonomous Region (GBO). Natural disasters affected all districts of GBAO (Shugnan, Vanj, Rushan, Darvaz, Ishkashim and Murgab). Assessments are ongoing and the latest information per district is summarized below.

**Shugnan District:**

Water level in the artificial lake, occurred following the glacier melting and flow of mud coming from the mountains, in Kolkhozobod village (Suchan Jamoat), has increased 20cm. Based on information received from Committee of Emergency Situations (CoES) total number of affected households stands at 81. Out of this, at least 70 have been considered as completely destroyed and 16 more are partially damaged. As the water flowing from the valley erodes the land and destroys more houses over time the number of the damaged houses is continuously growing. Joint commission of Main Department of Geology, CoES, FOCUS



Flood affected area in Shugnan District, GBAO, July 19, 2015  
Photo taken by Joint Assessment Team

and other government agencies are conducting the assessment of the damage and needs. Also another commission is established in Barsem village (Suchan Jamoat) to see the longer-term impact of the disaster. The main reason of this assessment is that the debris is filling-up the lower parts of the valley which can cause the water to change its current and flow into the village that, in turn, might cause additional damage to the whole village. In addition to the destroyed houses and infrastructure the mudflow filled up the irrigation channels that will also have a negative impact on agriculture sector. The disaster survivors currently relocated in neighboring village (Manem), where the tent camps were established. One tent camp is accommodating 72 households (461 persons) which is established at newly allocated land and another for 26 households (159 persons) at Manem school shelter (16 households in classrooms and 10 households in tents, erected at school garden).

The President of the country has assigned relevant government agencies to coordinate relief and response operations in the areas affected by mudflow and surrounding districts. Local authorities have allocated land for construction of the houses for 83 affected families in Shugnan District. The construction of new houses for around 70 households has already started and laying of water pipe from the channel to the camp is ongoing. However, people at the affected site, whose houses were not affected and who was not evacuated (in Barsem and Berdibekobod villages), do not have access to drinking water and currently rely on drinking water that the volunteers from the communities are bringing.



Tent camp for affected households in Shugnan District, GBAO, July 19, 2015  
Photo taken by Focus Humanitarian Assistance

In Barsem village WFP expressed readiness to provide food for work for rehabilitation or construction of irrigation channels/tubes and drinking water pumps. The Swiss Agency for Development and Cooperation through its Cooperation Office in Dushanbe (SDC) will support the restoration of drinking water supply in Barsem village and through Pamir Energy Company will restore of electricity supply for Manem Tent Camp and for Barsem and Kolkhozobod villages.



**Vanj District:**

Mudflow affected the villages of Rokharv (Rokharv jamoat), Tekharv (Tekharv jamoat), Baravn and Lugad (Vodkhud jamoat), Rog and Pshikharv (M.Abdulloev jamoat). The mudflow killed six persons (five persons are resident of Vanj District and one person is resident of Shugnan District). Seven houses destroyed and twelve houses are partially damaged. Also, mudflow damaged the irrigation lands, bridges and roads. Currently the affected households are temporary hosted by their relatives. The figures on number of affected people and damages have not been provided yet, as the State Commission assessment is still underway.

The communities have no electricity since the disaster occurred. A group of volunteers (local residents) set up a temporary response team to clean the road from debris, as well as monitor and respond to possible disasters.



Mudflow in Lugad village, Vanj District, GBAO, July 21, 2015  
Photo taken by Focus Humanitarian Assistance

**Rushan District:**

As CoES reports, the water level increased in Bartang river at 42,47,56,58,81,85,109,117 km of Rushan – Bartang highway. Moreover a mudflow occurred in Bartang and Barushan Jamoats which affected a number of households. Based on preliminary information five houses severely and five more partially damaged in Bardara village. The road is blocked in Bartang Jamoat (Khijez, Sipunj, Razuj, Ajirkh, Chadud, Yapshorv, Ghudara villages) and the population is in isolation at the moment (please see the map). Six houses destroyed and nine houses partially damaged in addition damage was done to agricultural land in Barushan Jamoat.



Mudflow in Barushon village, Rushan District, GBAO, July 21, 2015  
Photo taken by Focus Humanitarian Assistance

The regional Commission of Emergency Situation is deployed to the affected area and conducting damage and needs assessment.

**Darvaz District:**

On 28 July due to the increase of water level in Khingob river, 90 meters of road in Sagridasht Jamoat, connecting other parts of the country with GBAO through Khobu Rabot highway, was completely destroyed and 103 meter of roads were damages and in poor condition at the moment.

According to the information from REACT partners on the ground (FOCUS), as a result of mudflow, three villages of Vishkharv jamoat are currently in isolation. In addition, nine houses were destroyed and six houses were partially damaged. The regional Commission of Emergency Situation is deployed to the affected area for damage and needs assessment and the figures on number of affected people and damages are subject to change.

**Ishkashim District:**

Mudflow in Ishkashim district completely destroyed 15 meters of the road, and three meters deep ravines have been formed in this area. Regional Commission of Emergency Situation is working at the place to identify the damage level.

**Murgab District:**

In 28 July a mudflow occurred in Alichur Jamoat and washed one bridge while destroying twelve houses and partially damaging twenty one. Regional Commission of Emergency Situation is deployed at the affected site for assessment.

**Damage**

The latest information on damage and needs assembled at the GBAO level is summarized in the following table. Note that a State Commission for Emergency Situations Damage and Needs Assessment is ongoing and may lead to changes in the following numbers.

Description	Unit	Shugnan	Rushan	Vanj	Darvaz	Ishkashim	Murgab
Loss of life	people	1		5			
House, destroyed	structure	70	6	7	9		12
House, damaged	structure	16	9	12	6		21
Agricultural land, damaged	hectare	tbc	tbc	tbc	tbc	tbc	tbc
Livestock, dead	head	tbc	tbc	tbc	tbc	tbc	tbc
Trees	pcs	3000	tbc	tbc	tbc	tbc	tbc
Schools and pre-schools, damaged	building	1					
Bridges, damaged	structure	4 (2 motor and 2 pedestrian bridges)	1	2 (pedestrian bridges)			1
Roads, damaged	km	~6	tbc	tbc	tbc	15	193
River bank protection, damaged or destroyed	km	~2,0	tbc	tbc	tbc	tbc	tbc
Electricity supply lines	km	8	tbc	tbc	tbc	tbc	tbc
Irrigation canal, damaged	meter	1300	tbc	tbc	tbc	tbc	tbc

**Assistance Provided**

The information on assistance provided by Government and International Agencies is prepared as of August 14, 2015:

Assistance Provided	Quantity	Unit measure	Organization
<b>Food Security</b>			
Hot Food	3	times per day	Gov. Local Community
Wheat Flour	TBC	One time	Government
Food rations <ul style="list-style-type: none"> <li>• wheat flour</li> <li>• cooking oil,</li> <li>• lentils</li> <li>• salt</li> </ul>	33 MT	MT	WFP through its Immediate Response Account
Family food parcels <ul style="list-style-type: none"> <li>• wheat flour – 50 kg</li> <li>• sugar – 10 kg</li> <li>• vegetable oil – 5 liters</li> <li>• rice – 5 kg</li> <li>• macaroni – 5 kg</li> <li>• iodized salt – 2 kg</li> <li>• green tea – 1 kg</li> <li>• black tea – 1 kg</li> </ul>	45	Parcel	RCST (with support of the Regional Representation of German Red Cross in Central Asia)
<b>NFI/SHELTER</b>			
Tents/Tents (hospital)	34/1	pcs	FOCUS
Light/electric wire/light bulbs/bulb holders	52/1/100/100	Pcs/Km./pcs	FOCUS, IOM
Canister	50	pcs	FOCUS
Boat	4	pcs	FOCUS
Bed/Bed linen	4	pcs/set	FOCUS
Stretcher	5	pcs	FOCUS
Kitchen set	14	sets	FOCUS
Bucket	20	pcs	FOCUS
Mats/Matresses/Synthetic Sleeping Mats	30/410/235	pcs	FOCUS, RCST
High Thermal Fleece Blankets 1.5 kg	267	pcs	FOCUS
Generator	3	pcs	FOCUS
Loudspeaker	2	pcs	FOCUS
Tarpaulins 4x60	77	pack	FOCUS
Galoshes/ Socks	246/360	pair	FOCUS
Gloves	20	pair	FOCUS
Sleeping bags	10	pcs	FOCUS
Tables/benches	8/12	pcs/pcs	IOM
Blanket,cotton,baby,90 x 130cm	500	pcs	UNICEF <sup>1</sup>
Blanket,wool-blend,150 x 200cm	300	pcs	UNICEF
Household Emergency Assistance Package	200	sets	UNICEF
Matresses/pillows/blankets/	408/321/695	pcs	RCST
Bed linen	321	pcs	RCST (funded by ECHO)
Hygiene	26	kits	RCST (funded by ECHO)
Kitchen set	74	set	RCST (funded by ECHO)
Plastic sheeting	65	pcs	RCST (funded by ECHO)

<sup>1</sup> UNICEF supplies have been released through the Ministry of Health and Social Protection.

Plastic bags	31	pcs	RCST (funded by ECHO)
Pick ax	55	pcs	RCST (funded by ECHO)
Gas stoves	48	pcs	RCST (funded by ECHO)
Tents	60	pcs	RCST (funded by ECHO)
Towels	83	pcs	RCST (funded by ECHO)
Thermos	9	pcs	RCST (funded by ECHO)
Candles	46	pcs	RCST (funded by ECHO)
Torches	6	pcs	RCST (funded by ECHO)
<b>WASH</b>			
10 Liter Heavy Duty Plastic Bucket with lid	80	pcs	FOCUS
Drinking Water	TBC	TBC	Local government, community
10 Liter Semi Collapsible Jerry Cans	210	pcs	FOCUS
Aqua tab Water Purification Tablets	482	pcs	FOCUS
Chlorine tablets/ Hygienic kits	3300/55	Pcs/sets	RCST/FOCUS
Water-container, LDPE, collapsible, 20 l, 1.3m tst	500	pcs	UNICEF
Water tank, rigid, 1000l, w/distr.kit	20	pcs	UNICEF
Water purification (NaDCC) 33mg tabs/PAC-50	3000	packs	UNICEF
Water canisters (20L)	100	pcs	RCST (funded by ECHO)
<b>HEALTH</b>			
Drugs	4	box	AKHS
Doctors	3	pcs	AKHS
First aid kits	2	pcs	FOCUS
<b>EARLY RECOVERY</b>			
Debris cleaning, provision of heavy machinery	-	-	Local and national government, communities
Electricity supply to the Manem Tent Camp	20 000	USD	SDC through Pamir Energy
Restoration of electricity supply for Barsem and Kolkhozobod villages	24 000	USD	SDC through Pamir Energy
Restoration of drinking water supply in Barsem village	26 950	USD	SDC through AKF/MSDSP
Tables and Benches for the Dining Facility	1,700	USD	IOM through FOCUS
Construction of toilets, shower facilities, dining facilities and provision of emergency boat.	50,000	USD	USAID through FOCUS

**On going assistance**

World Food Programme provided 30 metric tons of relief food assistance jointly with FOCUS and CoES between 1st and 9<sup>th</sup> of August. On 10 August, three additional metric tons were distributed in the Rankul Village of Murgab District. Overall WFP is planning to provide 204 MT of food rations over a period of three months from August to October 2015 and will reach an estimated of 10,270 people throughout the country (GBAO and DRD).

In addition, join Relief and Early Recovery Plan was prepared by REACT Partners and presented to the donors to support emergency response and early recovery efforts to the affected areas of GBAO and Directly Ruled Districts in Tajikistan.

**Needs Information**

Specific needs for affected areas are identified below:

**Shugnan district**

**WASH:** safe drinking water and hygiene kits for affected population, and sanitation facilities for the displaced population, especially for children in Manem camps;

**Food Security and Livelihoods:** sustained food assistance to the displaced and isolated people;

**Health:** prevention of water-borne and communicable diseases, particularly among children;

**Education and Child Protection:** child-friendly spaces and school kits for the 134 children at Manem camps and psychosocial support to the affected population, particularly for children and women;

**Early Recovery:** debris removal, restoration of road infrastructure and construction of bridges;

**Vanj district**

**WASH:** safe drinking water for the total affected population;

**Food Security and Livelihoods:** sustained food assistance to the displaced and isolated people;

**Early Recovery:** debris removal, restoration of road infrastructure and construction of bridges.

**Rushon district**

Cleaning of the mudflow channel, roads and arable lands which were affected by recent mudflow. In Bartang valley distribution of food items is in progress.

**Darvaz district**

While needs are still to be determined 16 tents and other NFI's were provided by FOCUS to the affected families.

**Ishkashim district**

Needs are still to be determined.

**Murgab district**

At the time of writing, this report all needs are provided by the government of the district. Assessment of other possible needs is on going.

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