

Earthquake in Rasht valley, Direct Rule Districts Tajikistan

Situation Report № 3 17 May 2012

Situation Overview

A 5.7 Richter scale earthquake occurred on the night of May 13th, 2012 in the Rasht valley, central Tajikistan. The earthquake affected the three districts of Nurabad, Rasht and Tavildara (at least 12 villages), killing 2 and affecting an estimated 2,531 people - residents of the 86 destroyed and 276 damaged residential buildings.

Assessments are still underway (due to the isolated and mountainous area of the disaster) by the district-level Commissions on Emergency Situations and the damage information is still subject to change.

On May 16-17th, 2012 REACT's Rapid Response Team conducted rapid assessment of two districts - Nurabad and Tavildara.



Damaged house in Tavildara district.

SHELTER

Most of the affected buildings were constructed within last 15-20 years often neglecting existing building codes. Walls as well as foundation in most of the cases are made of mud bricks and stones, with rare cases of cement used. Walls of the damaged houses collapsed towards outside of the building, thus significantly reducing number of casualties. Affected families have been relocated to their relatives' and neighbors' houses.

HEALTH

Premises of the Central District Hospital (CDH) of Tavildara have been severely damaged. Access to medical care in the affected areas though has not been interrupted. Most of the affected people suffer from post-traumatic stress disorder and require psycho-social support.

FOOD

Kitchen gardens, animal and poultry breeding are main sources of foods in the affected areas. Food rations for 10 days were provided by the Government (see assistance table). WFP participated in the needs assessment, decision on release of food will be made after processing of the results.

EDUCATION

Three schools in Tavildara district were severely damaged. School attendance has been interrupted.

WASH (Water, Sanitation and Hygiene)

No significant damage was caused to water supply systems as some villages use local water springs, and there are no epidemic threat related to water borne diseases at this time.

Damage Information

Provisional results, available by the time of this Situation Report release, are provided as an Annex 1.

Response provided

On 16th of May, 2012, President of the country visited the affected districts and held a meeting with local government officials to direct response and recovery activities.

Commission for Emergency Situations was instructed to finalize the damage assessment results within the coming 5 days, defining financial damage caused and exact number of houses affected.

President also instructed local authorities to make necessary arrangements to relocate affected families (based on their request) to safe areas within Rasht valley or to Qumsangir district of Khatlon province (South-West of Tajikistan).

Local and national authorities were instructed by the President to accomplish reconstruction of the affected houses and infrastructure until September 2012.

238,000 Tajik Somoni (~USD **49,520**) from the President's Reserve Fund will be allocated to 174 families whose houses were severely affected by the earthquake. Secondary school #56, destroyed in Rubotnol village of Tavildara district, will be rebuilt and re-equipped with funding support from the Presidents Reserve Fund.



Students of the affected school forced to have their classes outside of the building.

Information on the assistance provided up to date is shown in the table below:

Type of assistance	Districts			Total
	Tavildara	Rasht	Nurobod	
President's Reserve Funds				
5,000 SMN (1,040 USD) for each family with house destroyed		8		40,000 SMN (8,320 USD)
3,000 SMN (625 USD) for each family with house damaged		16		48,000 SMN (10,000 USD)
1,000 SMN (210 USD) for each affected family, not qualifying for the above categories	150			150,000 SMN (31,200 USD)
Government of Tajikistan				
Wheat flour (MT)	15	3		18
Sugar (kg)	3,750	750		4,500
Vegetable oil (l)	1,500	300		1,800
Rice (kg)	3,750	750		4,500
Macaroni (kg)	1,500	300		1,800
Tents	140	30		170
Red Crescent Society of Tajikistan				
Non Food Items family sets (Kitchen sets, Hygiene sets, blankets, mattresses)	65		20	85
Psycho- social support to affected population in shock				
World Health Organization through the Ministry of Health				
Emergency Trauma Kits	6	4		10

Needs Information

Following needs were identified by the assessment team:

- School tents for destroyed schools;
- Food commodities;
- Diesel for debris removal/roads cleaning;
- Construction materials (details to be provided after Government's decision on recovery arrangements);
- Winterized tents (CoES provided 170 tents, however, due to cold weather, winterized tents are required).



Damaged house in Nurabad district.



Affected family in Nurabad district.

Rapid Response Team Members:

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4. Umed Aminov, Red Crescent Society of Tajikistan
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6. Khursand Shahbozbekov FOCUS Humanitarian Assistance;
7. Amit Kumar, Aga Khan Development Network;
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Annex I. Preliminary Damage Information

Affected area				Damage info			
District	Jamoat	Village	District population ¹	Residential houses		Population affected ²	Other damage/Comments
				destroyed ³	damaged		
Rasht	Hijborak	Khazorchashma	99,300	2	2	24	
		Gulhan					School # 56 destroyed.
	Kalai Surkh	Langarak		2	2	27	36 cattle killed; Two light vehicles and 3 vehicles destroyed
		Host		1	2	21	Overall in Rasht district: 1 person killed (heart attack), 4 people injured,
		Kuloba		3	1	21	
	Askalon	Askalon			1	11	
		Sari Shukhon			3	26	
Sub-total				8	11	130	
Nurobod	Khumdon	Humdon	67,100	2	30	224	1 person killed.
		Holibek		10	2	84	
		Tukhchi			2	14	
		Sarikosh			6	42	
		Pustin Duzon			3	21	
		Yofuch			8	56	
		Shahrisabz			2	14	
		Obi Lurd			25	175	
		Gardanga			5	35	
		Kh. Sherozi			8	56	
		Tirgar			5	35	
		Hojai Shanbe			24	168	
		Marghuzori Sir			8	56	
		Samsoliq		Langar	14	66	560
	Pandovchi		2		14		
	Tag			2	14		

¹ 2009 data from “Regions of the Republic of Tajikistan” Reference Book by Statistics Agency under the President of Tajikistan.

² Where family size is unknown an estimate of 7 persons per family was applied.

³ CoES standards for damage assessment are applied. House is rated as “destroyed” if none of the rooms is suitable for living/safe inhabitation. The house will be torn down and rebuilt. House is rated as “damaged” if at least one room can be used for living. For the latter houses, however, a decision to demolish and rebuild can be made, depending on additional assessment results.

		Kalinazar			6	42		
		Ghulomon			1	7		
	Mujiharv	n/a		1	5	42		
	Yakhak-Yust	Roghun		1	7	56	76 kitchen gardens affected	
		Yakhchdara		1	4	35		
Sub-total				31	219	1,750		
Tavildara	Tavildara	Tavildara town	19,700			-	District Courthouse, Firefighting unit and Boarding school damaged	
	Childara	Khamdara		8	9	119		
		Chashmai Kabud		9	7	112		
		Girdob		7	4	77	School #41 destroyed; 1 mosque damaged	
		Rubonol		17	19	252	School #12 destroyed, 1 mosque and 1 library damaged	
		Gharibon		6	7	91		
Sub-total				47	46	651		
Total for Rasht valley			186,100	86	276	2,531		