

Earthquake in Rasht valley, Direct Rule Districts Tajikistan

Situation Report № 4 29 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 of 1,591 people. On May 27th, at 21:24 another earthquake of 4 Richter scale occurred, with an epicenter 15 km north-west from Tavildara district. Fortunately, earthquake did not cause any further casualties or damages to property.

Assessment of all the affected locations has been completed by district level Commissions on Emergency Situations (Commission), chaired by the relevant Head of the district and consisting of representatives of the relevant civil services. The

finalized damage information indicates that total of 103 houses and 3 schools were destroyed/severely damaged (unsafe for residence) and 117 houses, 7 schools, 3 hospitals/medical points were partially damaged.



SHELTER

The Government (State Reserve Agency) provided a total of 232 tents (132 summer and 100 winter tents) to the residents of the destroyed and damaged houses immediately after the earthquake. Nonetheless, due to unfavorable weather conditions (low weather temperature and intensive precipitation) majority of the affected families are hosted by their relatives and neighbors or within the local mosques during the nighttime.

Currently, State Agency for Construction and Architecture has been tasked to develop designs and estimations for (re)construction of damaged/destroyed houses, schools and hospitals. Based on the finalized designs and estimations, required quantity of construction materials will be provided by the national authorities to the affected households for further (re)construction of the houses. It is expected that the affected population will reconstruct the houses by their own means, using the construction materials to be provided by the Government.

HEALTH

Tavildara Central District Hospital (CDH), the medical points in Langar village (Nurabad district) and local rural hospital (SUB) in Childara village (Tavildara district) continue functioning. According to healthcare officials approximately 40 patients were treated after the earthquake for minor trauma.

The premises of Tavildara CDH and Childara SUB were severely damaged by earthquake. The results of the assessment indicate that Tavildara CDH is considered to be "unsafe" for further use. The designs and estimations for construction of new premises of Tavildara CDH are being developed by the Agency for Construction and Architecture.

FOOD

The earthquake did not cause significant damage directly to the food stock or food production means of the population. Nonetheless, given the overall negative impacts of the disaster to the livelihoods of the population and need to mobilize/refocus resources for self-recovery, the food security situation of the population may deteriorate over time.

Government of Tajikistan (State Reserve Agency) provided a total of 40.8 MT of food commodities as a one-time assistance to the affected population over the week of 21-25th of May. These include wheat flour, vegetable oil, rice, sugar and macaroni. UN WFP is planning to include the affected population into the on-going Vulnerable Group Feeding programme

EDUCATION

Assessment results indicate that 10 schools within the three affected districts have been affected, 3 were destroyed completely and 7 were severely damaged (“unsafe” for further use). School attendance was temporarily interrupted, however, given that the “school year” ended on 25th of May, followed by annual examinations, temporary solutions (use of courtyards, neighboring schools, other social infrastructure to conduct classes) were undertaken. Major concern is that if the schools are not reconstructed/rehabilitated by 1st of September – beginning on the next “school year” - low or non-attendance by students is to be expected. Possible attendance of classes in the schools of the neighboring villages can/will be hampered by the large distance between the villages, unsafe road conditions (mountainous area) and limited capacity of the neighboring schools to accommodate additional number of students.

Currently state Agency on Construction and Architecture is developing designs and estimations for re/construction of affected schools, to be submitted to Government of Tajikistan for further actions.

List of schools affected

<i>District</i>	<i>Jamoat</i>	<i>Village</i>	<i>Destroyed</i>	<i>Partially damaged (Unsafe conditions)</i>
Rasht	Hijborak	Gulkhan	School # 56	
Tavildara	Childara	Girdob	School # 41	
		Hamdara		School # 18
		Rubodnol		School # 12
		Chashmasor		School # 42
		Khujai Khuloz		School #25
		Kosagardon		School # 19
Nurobod	Mujiharf	Zoron		School # 25
		Shodmoni		School # 23
	Komsomolobod	Langer	School # 31	
Total			3	7

Damage Information

Final results based on the information from CoES are provided as an Annex 1.

Response provided (as of 30th of May, 2012)

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	162			150,000 SMN (31,200 USD)
4000 SMN (830 USD) for each family with house destroyed and 500 SMN (105 USD) family with house damaged	33			18 000 SMN (3,750 USD)
Pipes/D-110 (meters)	100			100 meters
Wheat Flour (MT)	15	3	3	21 MT
Vegetable Oil (liters)	1500	300	100	1900 liters
Rice (MT)	7,75	0,75	1,5	10 MT
Sugar (MT)	3,75	0,75	1,5	10 MT
Macaroni (MT)	1,5	0,3	0,1	1,9 MT
Red Crescent Society of Tajikistan				
Non Food Items family sets (Kitchen sets, Hygiene sets, blankets, mattresses)	65	8	20	93 kits
Psycho- social support to affected population in shock				
World Health Organization through the Ministry of Health				
Emergency Trauma Kits	6	4		10 kits

Needs Information

- Construction materials for construction of residential houses(details to be provided after Government's decision on recovery arrangements);
- Support in re/construction of schools and hospitals;
- Trainings for population on seismic-proof construction.

For more information, please contact:

- Col. Jamshed Kamolov, CoES Department for Protection of Population and Territories, Tel: (+992 37) 221-8742;
- REACT Secretariat in Dushanbe: Tel: (+992 44) 600-5922; email: react.dushanbe@undp.org

Annex I. Damage Information based on the information by the Commissions on Emergency Situations

		Affected area			Damage info		
District	Jamoat	Village	District population ⁱ	Residential houses		Population affected ⁱⁱ	other damage/comments
				destroyed ⁱⁱⁱ	damaged		
Rasht	Askalon	Askalon	99,300		1	167 people	School # 56 destroyed 37 cattle killed, 2 light vehicles, 1 truck, 8 auxiliary buildings are destroyed 1 auxiliary building destroyed
		Sarishukhon			3		
	Hijborak	Hazorjashma		3	2		
		Gulkhan					
	Kalai Surkh	Langarak		2	3		
		Kuloba		2	3		
		Khost		1	2		
		Kadara			1		
	Gharm	Mahalai Sari Pul			1		
	Sub total				8		
Tavildara	Jildara	Khamdara	19,700	8	9	1,193 people	School # 18 damaged partially
		Jashmai Kabud		10	7		
		Girdob		7	4		School # 41 destroyed
		Rubotnol		18	12		School # 12 damaged partially
		Gharibo		7	5		
		Jildara		2	8		
		Jashmasor		5	1		School # 42 damaged partially
		Shur		2	1		
		Pashor		11	4		
		Khujai Khuloz		6	3		School # 25 damaged partially
		Kosagardon		2	3		School # 19 damaged partially
		Pasi Obi Talkh			1		

		Shakov		1	2		
	Tavildara	Dashti Hasan		4	3		
		Luroq		1			
		Safedkhok		1	2		
		Yozgand		3	4		
		Tuto		1	3		
		Zigara		1	1		
		Sub total			90	73	1,193
Nurobod	Khumdon	Obi Lurd			3	231 people	
	Komsomolobod	Langar		5	25		
	Sub total			5	28	231	
	Total			103	117	1,591	

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

ⁱⁱ Since information on each family size is unknown a total number of residents of all the affected houses is provided.

ⁱⁱⁱ 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