

**Earthquake in Yovon and Vahdat Districts,
Direct Ruled Districts, Tajikistan
Situation Report № 2
November 14, 2013**

Situation Overview

A 5.2 Richter scale earthquake occurred on November 10, 2013 at 1015 local time with the epicenter in Yovon District, Direct Ruled Districts, Republic of Tajikistan. The earthquake was followed by a Richter scale 5 aftershock at 1703 local time on November 11, 2013 and a Richter scale 4 aftershock at 0703 local time, both in the adjoining Vahdat District. According to information from the Government of Tajikistan and an assessment of REACT's Rapid Response Team, no fatalities were reported.



Destroyed house in Arbobdarra village, photo taken by RRT

An assessment by the National Commission on Emergency Situations has been completed. Local Emergency Center ("Stab") has been established in Arbobdarra village, Karim Ismoil Jamoat (Location: 38 28 59 84 N, 64 04 00 54 E). REACT's Rapid Response Team (RRT) conducted an initial assessment on 13 November 2013. This report is based on information provided by the Committee of Emergency Situations and REACT's Rapid Response Team. (The full REACT RTT assessment will be released on 14 November 2013.)

The weather in the affected area has been clear and sunny during the day, with nighttime temperatures below freezing. Note that parts of the affected areas are subject to strong winds, which contribute of heat loss and affect the use of tents.

Damage Information

Detailed Damage and needs assessment are underway by local assessment teams, which include representatives of district-level authorities and Committee of Emergency Situations personnel. The results of the initial damage assessment by the Government are provided in the [Table 1](#). A summary of the sector-level damage based on REACT's Rapid Response Team assessment is provided in [Table 2](#). The RRT assessment indicates issues needing near term attention in the WASH, Non-Food Item and Shelter sectors.

Table 1: Government Damage Assessment - Initial

Jamoat	Village	Number	No Longer Safe for Use	Partially Damaged
Households				
Rajab Ismoil	Istiqlo	45	44	1
Karim Ismoil	Arbobdara	105	45	60
K. Ismoil	Mehnatobod	180	3	6
K. Ismoil	Naydara	80	10	60
K. Ismoil	Sangpar	120	0	60
K. Ismoil	Guldara	25	3	15
Burunov	Kholmurodi	52	5	7
Chorsu	Yalamchinor	51	0	5

Chorsu	Elok	114	0	12
Chorsu	Kharsang	248	0	20
Chorsu	Mehnatobod	86	0	10
Total		1106	110	256
Educational Facilities (high schools)				
Rajab Ismoil	Istiklol	1	0	1
Karim Ismoil	Arbobdara	1	0	1
Total		2		2¹
Health Facilities (policlinics)				
Rajab Ismoil	Istiklol	1	0	1
Karim Ismoil	Arbobdara	1	0	1
Total		2		2

Table 2 – REACT RRT Assessment Results - Preliminary

Sector	Damage information/Situation Update
<i>Water, hygiene and Sanitation</i>	Latrines have been destroyed. Affected population faces challenges using the damaged latrines which are unsafe.
	Affected population do not have adequate hygiene supplies, including soap, tooth paste/brushes, etc.
	Access to drinking water has not been reduced by the earthquake, but some damage to water pipes may have occurred. However, affected population faces challenge due to unavailability of water storage tanks.
<i>Food Security</i>	Food stocks (e.g., vegetables stored in jars) and storage buildings have been damaged by the earthquake in some locations.
<i>Shelter</i>	As recorded above in Table 1, a total of 110 households have been considered as unsafe for occupation. A total of 45 families from Istiklol village, Rajab Ismoil Jamoat have been relocated to the neighboring villages and relatives due to damages caused to their households.
	256 households have been partially damaged. In addition, a number of auxiliary premises (e.g., barns) have been damaged and are not safe to use.
<i>Non-food Items</i>	Storage buildings and tools for heating (coal and firewood) of some of the houses have been damaged.
<i>Health</i>	Two polyclinics have been damaged and are considered as not safe to receive patients.
	Medical supplies in two polyclinics have been damaged by the earthquake.
	Possible post-traumatic stress disorder may have been observed in some of the affected population, in particular women, elderly and children. ²
<i>Education</i>	Two schools have been damaged and are considered not safe to use.
	Schoolchildren have been sent to schools in neighboring villages. Access to education is under threat, as schoolchildren face challenges travelling to these villages or have been related away from their normal schools and their homes have been damaged.

¹ Note that one or both of these schools may be replaced rather than repaired according to initial recovery plans.² The diagnosis of possible PTSD was not made by trained health personnel.

<i>Livelihoods</i>	No damaged to livestock have been observed. Main source of income of the affected population is remittances from abroad.
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Assistance Provided

Government of Tajikistan:

- Winterized tents – 110 units
- Wheat Flour – 7,500 kg.
- Rice – 3,750 kg.
- Vegetable oil – 1,500 lt.
- Macaroni – 1,500 kg.
- Stoves with stove pipes– 110 units
- Medical personnel from the Vahdat Central District Hospital are deployed to the sites to provide first aid and other assistance to the affected population.
- Four trucks have been made available to relocate families.
- Land on which to construct new homes has been allocated for 45 families.



Owner of a damaged house in Istiklol Village, photo taken by RRT

Red Crescent Society:

- Psychosocial support to affected population.

United Nations Emergency Reserve Stock

- Blankets – 1,200 units.
- Winterized tents for 8 persons- 100 units
- Winterized tents for 5 persons– 40 units.
- Water containers (10 lt. volume).– 400 units
- Stoves – 75 units

UNICEF

- Schools tents -10 units – provided to the Ministry Of Education

Needs Information

Preliminary information on needs received by the Committee of Emergency Situations and REACT's Rapid Response Team can be found in [Table 3](#), below. Detailed needs assessments are on-gong by the local emergency management team and information is subject to change.

Table 3 – Preliminary Information on Needs

Sector	Needs Information
<i>Water, hygiene and Sanitation</i>	Materials to construct/repair latrines. Some basic hygiene items (soaps, tooth paste/brush etc.).
<i>Food Security</i>	Food items for related households.

<i>Non-food Items</i>	Stoves, firewood and coal.
	Kitchen items and utensils.
	Warm clothing and blankets.
	Petrol for vehicles to relocate households and belongings to new locations.
<i>Shelter</i>	Winterized tents.
	Construction materials for relocated families.
<i>Health</i>	Medical supplies.
	Professional support to the affected population (doctors, psychotherapists).
<i>Education</i>	Construction materials to build new school.
<i>Livelihoods</i>	Livelihoods support may be needed, given the cost of rebuilding.

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