## JAJARKOT EARTHQUAKE Quad-Day Situation Analysis Report (11-14 November, 2023)

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This Quad-Day Situation Analysis Report highlights the challenges and responses following the earthquakes in Jajarkot and Rukum West. The aftermath of the quakes has left many survivors in dire health and shelter conditions, with several having to undergo cold nights in poorly constructed makeshift shelters. The Health Service Office Jajarkot reports multiple deaths due to cold and a rise in cold-related illnesses, exacerbated by the damage to water supply. In response, the government has allocated 3 billion rupees for temporary housing and endorsed procedures for construction grants. Local initiatives have also begun for constructing earthquake-proof model houses, emphasizing community participation in rebuilding.

Despite the ongoing Tihar festival, local representatives are dedicated to relief and rescue operations. Their commitment highlights the severity of the situation and the urgent need to aid their communities. Meanwhile, the distribution of relief materials faces logistical challenges, particularly in reaching unregistered tenants. Humanitarian agencies are working closely with district administrative offices and municipalities to address these gaps. The emotional and psychological impacts of the disaster are profound, prompting the setup of psycho-social recovery programs, child-friendly spaces, and womenfriendly spaces, especially for vulnerable groups like children, women, and the elderly.

#### **HIGHLIGHTS**

- Growing Cold Aggravates Health Condition of Quake Survivors
- Earthquake Proof Model House Construction Started
- Government Allocates 3 Billion Rupees for Temporary Housing of Earthquake-Affected Families
- Temporary Earthquake Monitoring Station Set Up In Bajhang
- State Affairs Committee Conducted On-Site Study
- Local Representatives are into Action in Relief
- NEA's Action to Light the Earthquake Affected Districts
- Coordinated efforts in WASH
- Psycho-Social Recovery Programs for Earthquake Survivors
- Earthquake destroys 39 police station buildings
- Government Plans to utilize the local human resources
- Earthquake Grief Overshadows Tihar Festivities
- Tenants facing difficulty receiving relief
- Effect of earthquake on Livestock and Agriculture
- Health Facility Status in Jajarkot
- Health Facility Status in Rukum West

#### **GROWING COLD AGGRAVATES HEALTH CONDITION OF QUAKE SURVIVORS**

In som earthquake-affected area, some survivors are compelled to stay overnight in poorly constructed makeshift shelters, without warm clothing. With little leftover clothes, blanket, tarpaulins sheet and P-Foam does not suffice to a household, as winter is approaching, people at 2200 m altitude of Barekot Municipality expressed their only need for now is shelter and warm clothes to protect them from cold.

Tragically, the harsh conditions have already resulted in fatalities. Krishna Bahadur Khatri, Information Officer at Health Department of Jajarkot, reported



four deaths due to the cold. The victims include Gathu Shahi, aged 55 from Kuse Rural Municipality ward no. 6, Devi Malla from Thime, Kuse ward no. 5, Gopal Awal from Kalchiura, Nalagad Municipality ward no. 4 and Pampha Rawal from Maya Danda, Nalagad Municipality ward no. 4.

Doctor at Dalli Municipal Hospital, Bishal Uprety, explains the number of patients suffering from fever, cold, diarrhea, heart disease and asthma has increased in recent days. 50 water supply projects have been damaged in various villages including Bagmare, Kalleri, Tiptipe, Aoul, Chatulaina and Kothigaon, forcing them to consume impure water.

#### EARTHQUAKE PROOF MODEL HOUSE CONSTRUCTION STARTED

The initiative, led by former Mayor Bishal Sharma has begun constructing four earthquake proof homes in Falura, Chaurjahari Municipality ward no. 6, Rukum West. These structures will serve as models of earthquake-resistant housing, using local materials such as wood, straw, stone, sand, cement, galvanized sheets, and rods. The effort emphasizes community participation in rebuilding. Notably, even the current Mayor, Pushpa Badi, resides in a tarpaulin shelter, as most of the houses are severely damaged. This



situation highlights the urgency for locals to collaborate in constructing shelters without solely relying on government aid. Similar campaigns have been noticed in Cheuri Basti, Nalagad Municipality and Upper Thaple, Bheri municipality of Jajarkot district.

## GOVERNMENT ALLOCATES 3 BILLION RUPEES FOR TEMPORARY HOUSING OF EARTHQUAKE-AFFECTED FAMILIES

Disaster Risk Reduction and Management Executive Committee endorsed a provision to provide a grant of NPR 50,000 in two installments (NPR 25000 each) for the construction of temporary housing to the families affected by earthquake. Meeting also endorsed the 'Temporary Shelter Construction Grant Procedure for Earthquake Affected Household, 2023'. In Jajarkot, 9,794 homes were completely damaged, and 24,707 homes suffered partial damage. In Rukum West, 16,570 homes were completely destroyed, and 9,961 homes partially damaged. In Rukum East, 148 homes faced partial damage, in Salyan 151 homes were collapsed completely and 512 homes are partially damaged, in Rolpa 25 homes collapsed completely and 87 homes suffered partial damage, Rolpa faced 25 complete damage

and 87 partial damage, and in Pyuthan and Dang, 31 and 7 homes, respectively, suffered partial damage. About 400 schools have also been damaged by the earthquake. The reconstruction of private homes, schools, health institutions, and government buildings affected by the earthquake will require a significant amount of money.

The initial estimate for the reconstruction of private homes, schools, government buildings, and other structures in districts like Jajarkot, Rukum West, Rukum East, Salyan, Rolpa, Dang, and Pyuthan is NPR 67.62 billion. It is estimated that the construction of each house will cost NPR 500,000, the reconstruction of partially damaged homes will cost NPR 100,000, school constructions will cost NPR 10 million, health institution constructions will cost NPR 30 million, and other government buildings will cost NPR 10 million each.



#### **TEMPORARY EARTHQUAKE MONITORING STATION SET UP IN BAJHANG**

A temporary earthquake monitoring station has been set up in Chainpur, with the frequent occurrence of earthquakes in Sudurpaschim and Karnali provinces in recent times. The National Earthquake Monitoring and Research Centre, said the temporary earthquake measurement center was constructed in Bajhang after the 6.3 magnitude earthquake with its epicentre at Chainpue. Seismological monitoring stations were constructed at 20 vulnerable places of the country after the April 25, 2015 Gorkha earthquake.



#### STATE AFFAIRS COMMITTEE CONDUCTED ON-SITE STUDY

The State Affairs Committee of the Parliament after conducting on-site studies in affected areas like Jajarkot has directed the government to immediately arrange for temporary housing for earthquake victims on Sunday. The government has decided to fully or partially demolish mud houses in earthquake affected areas as they could be risky in the upcoming days. The report also suggests paying attention to Salyan, Dailekh, Kalikot, Humla, and Surkhet, where the earthquake has affected different regions.

Similarly, the Karnali Province government has decided to initiate reconstruction and rehabilitation work in the earthquake-affected areas of Jajarkot right after the festival of Tihar. This decision was made during Friday's Cabinet meeting, where the commencement of reconstruction for structures damaged by the earthquake was approved. The provincial government has appealed to all Local Government to cooperate in the reconstruction efforts in Salyan, Jajarkot and Rukum West.

The Cabinet has also decided to provide an immediate amount of NPR 200,000 to the families who lost their lives in the earthquake and funds for the treatment of the injured.

# LOCAL REPRESENTATIVES ARE INTO ACTION IN RELIEF DESPITE THE TIHAR FESTIVAL

Local representatives are dedicating themselves to relief actions despite the Tihar festival. Their commitment to aid work continues during the festive period. Local people representatives Dhan Bahadur Mahat, ward chairman from Nalagad-1, was able to rescue all the trapped members of his family. He indulged himself in aiding the neighbors, extracted around 10 bodies and approximately 50 injured people from the debris. Since then, he has been continuously engaged in rescue and relief efforts. Ain Bahadur Giri, the ward chairman of Barekot Municipality ward no. 1, his family luckily managed to escape, started living in the tarpaulin



sheets roof. About 150 homes in Ramidanda and Silpachaur have been completely destroyed. Bir Bahadur Giri, Chairman, Barekot Rural Municipality has been continuously involved in relief and rescue efforts for the community. In Barekot, 4,300 locals are staying outside their homes, only 2700 families have been benefited with relief, Giri has been supporting and living with the community under the tarpaulins the earthquake occurred. Bheri Municipality's Mayor, Chandra Prakash Gharti, visited all nine wards by the next morning of the earthquake, rescuing around 30 injured people and helping retrieve items from damaged homes. Similarly, Raj Bahadur Singh from Bheri is aiding his community by providing assistance and facilitating the delivery of relief to the village. All local representatives are continuously engaged in relief efforts, effective collaboration among all government levels is helping rescue and relief management.

#### **NEA'S ACTION TO LIGHT THE EARTHQUAKE AFFECTED DISTRICTS**

The Nepal Electricity Authority has provided free electricity connections in the earthquake-affected areas of temporary settlements in Rukum West. Free electricity connections have been installed in the heavily affected Aathbiskot Municipality and Sanibheri Rural Municipality due to the earthquake. 115 tents have been installed with lights at different places of Aathbiskot ward no 11,12,13,14 and Sanibheri ward no 1 and 4. Upper Thaple is still out of reach of electricity due to the damage of electric poles.

#### **COORDINATED EFFORTS IN WASH**

Most of the area's existing water supply system were fragile and many have been damaged by the earthquake. Few communities have reported that they are facing problems with safe drinking water.

WASH stakeholders and members of the WASH-CC, CARE, HELVETAS, UNICEF, Save the Children, SUSWA, World Vision as well as some local and national NGOs has already started distribution of WASH related relief materials in EQ affected communities, which is happening in close coordination with the DDMC and Local Government Authorities. WASH and Health Cluster have been



operating in different affected areas supporting the facilities of portable toilets, water purifiers, and clean water solutions, medical camps, mobilizing their team to setup the proper place for disposal and maintain cleanliness. Some communities from Rukum West has reported that the problem of diarrhea and respiration problems has started, with common cold, fever and conjunctivitis.

30 portable toilets have been transported to Nalagad Municipality and 10 were handed to Bheri Municipality. Likewise, ward no. 1, 2, 3, 4, 5, 6 and 7 of Nalagad Municipality and Bheri Municipality ward no. 1 and 3 has been supported with Hygiene kits. 15 portable toilets have been installed in Aathbiskot Municipality ward no. 11, 12, 13 and 14 and Sani Bheri ward no. 1, 2, and 4, Rukum West by UNICEF. As part of the awareness campaign, radio program and IEC material has been finalized and sent for review, and will be in action soon.



Different organizations like WOREC, TPO are providing medical treatment and social psychological counseling, in different areas of Jajarkot and Rukum West. Efforts include the distribution of health care, and sanitation supplies, bringing relief to the affected communities.

In Jajarkot and Rukum West, earthquake victims are facing health crises, including diarrheal diseases and respiratory problems, worsened by contaminated food and water. The Karnali Institute of Health Sciences has sent a team for

medical treatment and health counseling, focusing on vulnerable groups like pregnant women, lactating women, and those with critical health conditions

### **PSYCHO-SOCIAL RECOVERY PROGRAMS FOR EARTHQUAKE SURVIVORS**

A total of 17 Child Friendly Spaces (CFS) are in operation (few are in construction) in Jajarkot and Rukum West, to support children affected by recent earthquakes. In Jajarkot, 8 of these spaces have been set up, with an additional 9 in Rukum West. These CFS engage the children with sports, learning exercises and psychological support. These CFS have been strategically placed across various affected areas to ensure even distribution and accessibility. Specifically, they are located in:

Several women-friendly spaces have been established, offering extensive psychosocial counseling for women and children. Notably, in areas like China



Bagar-1 and Balibangh-4 of SanoBheri Rural Municipality and Chepare village, Aathbiskot Municipality ward no. 14, of Rukum district, comprehensive psycho-social counseling services has been started, specifically to vulnerable groups, including pregnant women, individuals with disabilities, and the elderly. Additionally, essential supplies such as dignity kits, blankets, warm clothes, and nutritious food for infants and children have been distributed. Special kits tailored for adolescent girls are also among the provided items, ensuring a broad range of support for those in need.

Mrs. Nisha Kuikel, a psycho-social counselor from TPO highlights the importance of social mobilization in addressing the psychological impacts of disasters. She notes that it's common for people to experience fear and emotional trauma following such events. Persistent symptoms beyond three weeks could signify a deeper problem. Psychological counselor Sharmila Rokaya actively participates in counseling sessions for the children, using storytelling as a powerful tool to reduce stress. After the earthquake, many are suffering from symptoms like sleeplessness, loss of appetite, and fatigue. A study involving 52 children showed that 48 of them are still grappling with fear, around 25 are experiencing sleeplessness, and about 15 are eating less than usual. To help address these issues, 8year-old Ritu BK, who has a disability, participates in a class from 11 AM to 3 PM. This session includes physical sports, mind games, and recreational activities, all designed to help mitigate Post-traumatic stress disorder (PTSD).

#### **EARTHQUAKE DESTROYS 39 POLICE STATION BUILDINGS**

The earthquake in Jajarkot and Rukum West has caused significant damage to several police infrastructures. In Jajarkot 29 police station buildings have sustained partial damage, with four buildings, including the District Police Office, the Area Police Office in Panchaladaha, the District Court Coordination Security Unit office in Bheri Municipality ward no. 3, and a temporary police checkpoint has been completely damaged, as reported by Police Inspector Madhav Vishwakarma.



Four of the partially damaged police buildings in Jajarkot are still operational, with low risk, while services in other, more risk-prone areas are being conducted under tarpaulin and tents. Meanwhile, in Rukum West, ten police station buildings have been affected, with half completely destroyed, including the police stations at Purtimkanda, Solawang, Simli, and the Area Police Office in Aathbiskot. The old building of the District Police Office in Western Rukum is also collapsed, as per Deputy Superintendent of Police Namaraj Bhattarai.

The police station in Simli has been temporarily relocated to another house for continuing its operations. Similarly, the Aathbiskot Area Police Office is now operating from under tarpaulin. Other police stations in Rukum West, such as in Sankh, Syalakhadi, Pipal, Bhulneta, and the Area Police Office in Chaurjahari, have only suffered partial damage and are adapting to continue providing services in these difficult times.

#### **GOVERNMENT PLANS TO UTILIZE THE LOCAL HUMAN RESOURCES**

The government has proposed a plan to deploy unemployed labor from earthquake-affected areas for reconstruction work in those areas. A proposal from the Ministry of Labor and Employment under the Prime Minister's Employment Program suggests providing wage-based employment to unemployed citizens in the earthquake-affected areas. The Disaster Risk Reduction and Management Committee's meeting on November 12, 2023 discussed this proposal, which includes families with members aged 18 to 59 years as beneficiaries. The wages for such workers will be based on the project valuation. The technical evaluation of the project will determine the wage amount.

### EARTHQUAKE GRIEF OVERSHADOWS TIHAR FESTIVITIES

In the wake of a Tihar festival, families in Jajarkot and Rukum West are engulfed in sorrow, mourning the loss of their family members and loved ones, there's no festivity among the earthquake victims in Jajarkot and Rukum West. The joyful festival of light brings no break to their grief. Houses are damaged, and they are sleeping outside of the houses with no roofs, spending the challenging and harsh time. Homes, once filled with festive preparations, now echo with memories of those they lost, overshadowing the festival's brightness with the dark shadow of their tragedy. One of the locals from Upper Thaple village, Bheri Municipality expressed the sorrow "We, as families, are collectively staying in the fields, all our belongings are buried under the debris. The cold nights are becoming difficult to endure, even with the relief tarpaulin and blankets provided"

#### **TENANTS FACING DIFFICULTY RECEIVING RELIEF**

In Khalanga there are some tenants who have also not received relief from the ward offices as Local Governments have only the homeowner's name registred, and those who do not have their names on the list do not receive relief provided by the ward office. However the humanitarian agencies have been coordinating with district administration office and the Municipal office and provided relief to those groups of people. Tenant Mohan Singh, who lives in Khalanga after coming from Barekot Rural Municipality-4, has complained about not being able to get relief. Similar



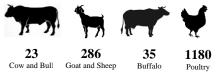
issues have been reported by Mrs. Kalpana KC of Barekot-1, who is a tenant and could not obtain warm clothes for her 20-month-old child due to the lack of proper verification from her landlord.

Kamla Gharti, currently residing in Bheri from Nalagad 1, shared that her family, along with 10 other households, live on government land that isn't registered with the local ward office. With a family of eight, including six children, they were unable to receive any relief assistance from the ward office. However, some humanitarian agencies working in conjunction with the ward office, they were provided with essentials such as blankets, rice, oil, and p-foam mats.

#### **EFFECT OF EARTHQUAKE IN LIVESTOCK AND AGRICULTURE**

Due to the earthquake, there has been damage to livestock in Jajarkot and Rukum West, totaling around NPR 1 crore 90 lakh. The Ministry of Agriculture and Livestock Development has assessed the value of deceased cattle, including cows, bulls, buffaloes, sheep, goats, and poultry, and has compiled the details of the losses.

In both districts, treatment has been provided to 606 affected animals. A team led by Dr. Laxminarayan Das from Surkhet and a team led by Dr. Rakesh Prajapati from Jajarkot have been sent for the examination of the health of livestock in the affected areas. For the treatment of



Estimated Damage NPR. 1,90,00,000

affected livestock, the ministry has dispatched two teams, each comprising four veterinary doctors.

S.N.	Affected Health Facility	Municipality	Status	Remarks
1	District Hospital Jajarkot	Bheri - 3	Functional	The staff quarter building is fully damaged / requires support for the settlement of the hospital staff staying in the old residential building
2	Kaina HP	Nalgaad - 3	Functional	Partial damage to the institutional building
3	Aanapaani BHSC	Nalgaad - 7	Functional	Toilet of birthing center is damaged
4	Nagar Hospital, Nalgaad	Nalgaad - 7	Functional	Emergency block non - functional
5	Basic Hospital	Barekot - 2	Non Functional	Emergency , Birthing , and OPD block damaged, Service delivery from outside the hospital building
6	Ramidanda HP	Barekot - 1	Functional	The health post building was partially damaged
7	Bayala CHU	Barekot - 1	Non Functional	Building is cracked
8	Silpachaur CHU	Barekot - 1	Non Functional	Building is cracked
9	Daulakot EPI clinic	Barekot - 1	Non Functional	Building is cracked
10	Samaila PHCC	Kuse	Non Functional	Building damaged
11	Archani HP	Kuse - 4	Non Functional	Service has been provided from the birthing center block
12	Gharanga HP	Kuse - 6	Functional	The top floor is damaged
13	Kaligaun HP	Kuse	Functional	Equipment and tents for service delivery

## HEALTH FACILITY STATUS IN JAJARKOT

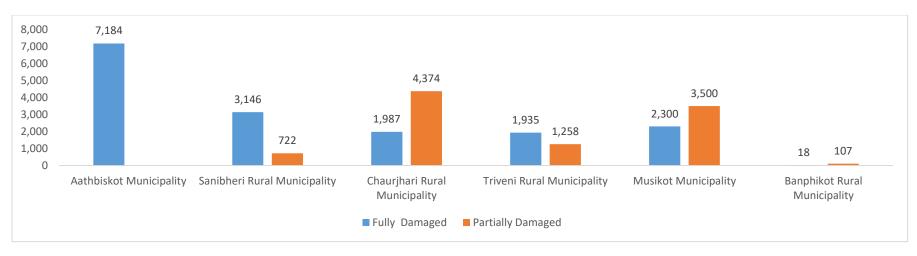
## HEALTH FACILITY STATUS IN RUKUM WEST

S.N.	Affected Health Facility	Municipality	Status	Remarks
1	China Bagar HP	Sanibheri RM -1	Non Functional	The health post building is fully damaged
2	Garayala HP	Sanibheri RM -4	Functional	Solar facility damaged
3	Dalli HP	Sanibheri RM - 5	Functional	Cracks in the building walls
4	Nagar Hospital	Athbiskot - 9	Functional	Minor cracks in the building
5	Ghetma HP	Athbiskot M- 14	Functional	The old building is fully damaged , and the hospital is functional from the new building
6	BHSC Thulibarkhu	BHSC Thulibarkhu Athbiskot M - 12		Cracks in the building , providing services from outside the facility

7	BHSC Gaunbaari	Athbiskot M - 13	Functional	Septic tank damaged and faulting of land around the foundation
8	Magma HP Baanphikot RM		Functional	Cracks in the building and risk to provide health service from the building
9	Jhula HP	Baanphikot RM	Functional	Cracks in the building
10	Baanphikot HP	Baanphikot RM	Functional	Cracks in the birthing centre
11	Simrutu HP	Triveni RM	Functional	Cracks in the building
12	Muru HP	Triveni RM	Functional	Cracks in the building
13	Khara HP	Triveni RM	Functional	Cracks in the building
14	Peugha HP	Triveni RM	Functional	Cracks in the building
15	All HFs in the municipality	Chaujhari M	Functional	Cracks in the building (BHSC of ward no 1,2,3,8,9,11,13, Bijayashwori HP, Shahid Smriti Nagar Hospital)
16	Health Service Office	Musikot	Functional	Cracks between beams and pillars

### LOSS & DAMAGE AND RELIEF DISTRIBUTION DETAILS

Data as of November 10, 2023

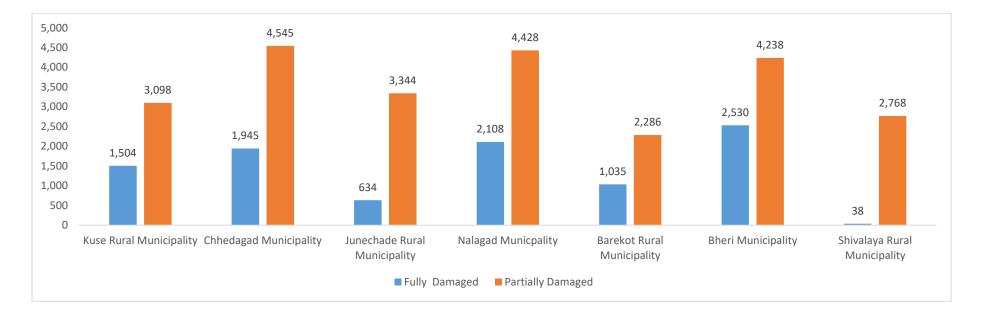


#### **HOUSEHOLDS DAMAGED - RUKUM WEST**

#### **RELIEF DISTRIBUTION – RUKUM WEST**

Item Name	Unit	Aathbiskot Municipality	Sanibheri Rural Municipality	Chaurjhari Rural Municipality	Triveni Rural Municipality	Musikot Municipality	Banphikot Rural Municipality	Total
Tarpaulin	piece	7181	4800	4600	661	1190	545	18977
Blanket	piece	2936	2400	3940	690	361	410	10737
Tent (Home)	piece	296	42	150	-	1	-	489
P-Foam	piece	521	640	550	20	260	100	2091
Rice	Sack	2865	2200	742	147	383	50	6387
Cooking Oil	Liter	1522	4600	546	160	540	150	7518
Lentils	Kg	2594	875	352	100	40	550	4511

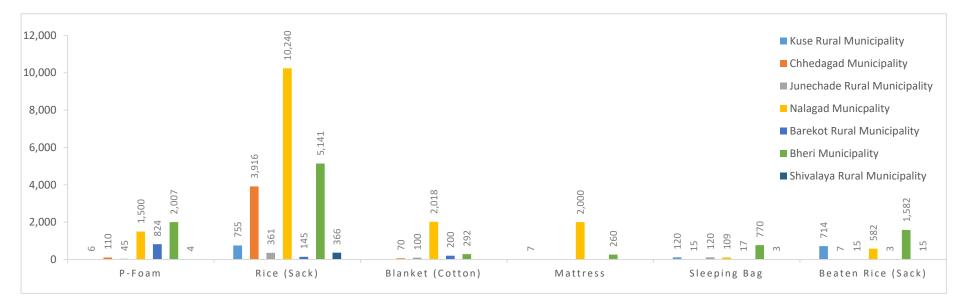
#### HOUSEHOLD DAMAGED – JAJARKOT



#### **RELIEF DISTRIBUTION – JAJARKOT**

Item Name	Unit	Kuse Rural Municipali ty	Chhedagad Municipality	Junechade Rural Municipality	Nalagad Municipality	Barekot Rural Municipality	Bheri Municipality	Shivalaya Rural Municipality	Total
Tarpaulin	piece	1653	939	3156	7121	4180	4129	1101	22279
Blanket	piece	1260	1196	651	5202	5060	5333	500	19202
Tent (Home)	piece		4		30		98		132
P-Foam	piece	6	110	45	1500	824	2007	4	4496
Rice	Sack	755	3916	361	10240	145	5141	366	20924
Blanket (Cotton)	piece		70	100	2018	200	292		2680
Mattress	piece	7			2000		260		2267
Sleeping Bag	piece	120	15	120	109	17	770	3	1154
Child friendly Kit	piece				2		3		5
Health Kit	piece				200				200

Medical tent	piece			1			2		3
New born incentive Kit	piece				25				25
Noodles	piece	217	252	15	251	30	713	142	1620
Beaten Rice	Sack	714	7	15	582	3	1582	15	2918
Jacket	piece				500	2000			2500
Piyush	piece				1233				1233
Bucket	piece	129	16		1281	30	670	100	2226
Soap	piece	103	40		76		615		834
Soybean	Kg		23	9	212	18	15		277
Hygiene Kit	piece				1483	300	200		1983



Note: The above 'Loss & Damage and Relief Distribution Details' are based on the November 10th data from Jajarkot and Rukum West DAOs. Details on relief material providers and specifics will be updated by DAOs post-Tihar Festival

This Quad- Day Situation Analysis Report is prepared by DPNet in support of Plan International

