**Ministry of Home and Cultural Affairs**

**Department of Disaster Management**

**BhutanDisaster Assessment Tool**

 **Household Level Assessment**

**Explanatory notes for the completion of the household level assessment of needs after disasters in Bhutan.**

This household level assessment will be carried out in parallel with the completion of the Bhutan Disaster Assessment for Local Authorities. Both assessments will be consolidated to provide a picture of the damages caused by the disaster and its impact on the people living in affected areas and a report produced within **15 days** from the onset of the disaster[[1]](#footnote-2).

Responsibility for ensuring that this assessment is carried out (if deemed necessary on the basis of the IADS) lies with the Gup/Thromde representative. He/she may designate whichever officials are considered necessary to carry out the assessment.

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| **GENERAL INFORMATION** |
| Dzongkhag: | Household Code Number: |
| Geog/Thromde: | Assessment Team Members: |
| Chiwog/Block: | Area description:Rural Urban | Date of survey:(dd/mm/yyyy) | Start time (am/pm):Finish time (am/pm): |
| Village name: |
| P-code/GPS: |
| **General Household Information** | ***Before Disaster*** | ***After Disaster*** |
| Age and gender of household head: | Male Female Age: | Male Female Age:As Before |
| Age and gender of informant/s for this assessment | Informant 1: Male Female Age:Informant 2: Male Female Age:Informant 3: Male Female Age: |
| Indicate if any members of the household are in any of the following categories. Beside the category indicate if there have been any problems because of the disaster. | Disabled |
| Elderly |
| Pregnant |
| Lactating |
| Infants (under the age of 12 months) |
| Children under 5 |

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| **Household priorities and support** |
| What are your greatest problems for your household since the disaster? (Tick top three) | WaterSanitation/toilet facilitiesFoodRestoration of livelihood activitiesImmediate shelterRepairing damaged houseClothing, footwear, beddingFuel and cooking materialsHealth careBeing able to perform cultural and religious ritualsSupport for feelings of fear and insecurityChildren returning to schoolTransport and access to markets, health care etcCommunication systemsOther (specify)Other (specify)Other (specify) |
| Where do you usually get most support at times of crisis?  | Central GovernmentDzongkhag GewogThromdeYenlagThromdeCommunity membersExtended familyNuclear familySelfDon’t knowOther (name) |
| **WASH (Water, Sanitation and Hygiene)** |
| **Question** | ***Before Disaster*** | ***After Disaster*** |
| What was/is the main source of drinking water for your household? | Piped water to dwellingPiped water to compoundPiped to neighbourPublic tapProtected dug wellUnprotected dug wellProtected springUnprotected springRainwater collectionTanker-truckSurface water (river, stream, dam, lake, pond, canal, irrigation channel)Bottled waterOther (specify) | Piped water to dwellingPiped water to compoundPiped to neighbourPublic tapProtected dug wellUnprotected dug wellProtected springUnprotected springRainwater collectionTanker-truckSurface water (river, stream, dam, lake, pond, canal, irrigation channel)Bottled waterOther (specify) |
| How long does it take to go there, collect water and come back? | Tick one only< 10 minutes10-30 minutes30 minutes – 1 hour> 1 hourDon’t know | Tick one only< 10 minutes10-30 minutes30 minutes – 1 hour> 1 hourDon’t know |
| Do you feel you have Is the water sufficient for drinking? | Tick one onlySufficientInsufficientDon’t know | Tick one onlySufficientInsufficientDon’t know |
| Estimate how much drinking and cooking water is available for each household member. | Tick one only< 3 litres per dayApproximately 3 litres per day> 3 litres per dayDon’t know | Tick one only< 3 litres per dayApproximately 3 litres per day> 3 litres per dayDon’t know |
| How is water treated and in the household? | *Tick all that apply* BoilingChlorination/bleachStrain through a clothFiltration (ceramic, sand, composite, etc)Solar disinfectionLet it stand and settleCovered storageOther (specify)Not treated | *Tick all that apply*BoilingChlorination/bleachStrain through a clothFiltration (ceramic, sand, composite, etc)Solar disinfectionLet it stand and settleCovered storageOther (specify)Not treated |
| How is water stored at the household level? | Tick one onlySufficient clean covered water containers availableInsufficient clean covered water containers available | Tick one onlySufficient clean covered water containers availableInsufficient clean covered water containers available |
| Where are people currently defecating? | Type of toilet | Adult men | Adult women | Male children | Female children |
| Open defecation  |  |  |  |  |
| Household toilet  |  |  |  |  |
| Toilet shared with other households that you know |  |  |  |  |
| Toilet shared with general public |  |  |  |  |
| Calculate how many people per functioning communal toilet facility. | Tick one only< 1010-2020-30> 30 |
| Is there sufficient water for all household members to bath daily, and for hand washing? | Tick one onlyYes for allFor cooking and hand-washing but not for daily bathingInsufficient water supply for these needs | Tick one onlyYes for allFor cooking and hand-washing but not for daily bathingInsufficient water supply for these needs |
| Do you have any soap or detergent (or other locally used cleansing agent) in your household for washing hands? | Tick one onlyYes, bar soapYes, detergent (powder/liquid/paste)Liquid soapAsh/Mud/SandNone | Tick one onlyYes, bar soapYes, detergent (powder/liquid/paste)Liquid soapAsh/Mud/SandNone  |
| Do you have bathing facilities that offer privacy and security for all household members? | Tick as appropriateYes for adult menYes for adult womenYes for boysYes for girlsFor no one | Tick as appropriateYes for adult menYes for adult womenYes for boysYes for girlsFor no one |
| Do women in the household have access to sanitary napkins? | YesNoNADon’t Know | Yes NoNADon’t Know |
| **SHELTER** |
| **Question** | **Pre-emergency situation** | **Post-emergency situation** |
| Is your house damaged? | NoYes, minor damage. Grade 1 damage = negligible or slight damage.b1_Yes, Grade 2 = slight structural damage, can be repaired.b2a_Yes, substantial to heavy damage. Grade 3 = moderate structural damage and heavy non-structural damage.b3_Yes, very heavy damage. Grade 4 = obvious, non-reparable damage.b4_ Yes, completely destroyed. Grade 5 = near or total collapse.b5_ |
| What is your present shelter?  | In own house (without damage)In own damaged houseWith neighbours/ relatives/host familySelf constructed temporary shelterTentNo shelterOther, *specify:* |
| Are you currently hosting people (extended family, neighbours, others) who do not normally live with you?) | NoYes, if yes how many extra people are living with you? |
| Where are you currently residing? | Where they lived before (same land)Displaced but in the same Chiwog/Block as beforeDisplaced but in the same Gewog/Town as beforeDisplaced more than 30 min from home |
| If you have relocated, was this... | Somewhere you selected yourselfSomewhere you were advised to go to by authorities (e.g based on early warning system).Other, *explain* |
| **FOOD and LIVELIHOODS** |
| **Question** | ***Before Disaster*** | ***After Disaster*** |
| Has your household received food assistance from the government or some other agency since the disaster? | YesNoDon’t know  |
| Do you normally keep reserves of food at home? | YesNoDon’t know |
| If yes, how long did/do you expect your food reserves to last | Tick one only< 4 weeks1-2 months2-4 months4-6 months> 6 months | Tick one only< 4 weeks1-2 months2-4 months4-6 months> 6 months |
| What was the main source of livelihood for this household before the disaster? | Agricultural & forestryMining & quarryingManufacturingElectricity, gas, water supplyConstructionWholesale & retail trade, repair of motor vehicles and household goodsHotels and restaurantsTransport, storage & communication goodsFinancial intermediationReal estate, renting & business activitiesPublic administration & defenceEducationHealth and social workRemittances from overseasOthers, *specify:* |
| What is the impact on your family income as a result of the disaster? | Tick one onlyCompletely lost> 76% lost (most)51-75% lost (a large proportion)26-50% lost (some, nearly half)1-25% lost (a little)NoneDon’t know |
| How long does it take to get to the nearest market? | Tick one only< 30 min31 min-1 hr1-2 hours> 3 hrsDon’t know | Tick one only< 30 min31 min-1 hr1-2 hours> 3 hrsDon’t knowMarket not accessible, *explain* |
| Does this market sell essential commodities?  | Tick one onlyYesNoDon’t know | Tick one onlyYesNoDon’t knowMarket not accessible |
| Have prices of essential commodities increased since the emergency? | Tick one onlyYesNoDon’t know |
| Do you have enough resources to purchase items?  | Tick one onlyYesNoDon’t knowNA |
| How long do you expect these resources to last? | 1-2 weeks2-4 weeks4-8 weeks8-12 weeksMore than three monthsDon’t know |
| Do you have a functioning stove/place to cook? | Tick one onlyYesNo | Tick one onlyYesNo |
| Do you have sufficient cooking utensils to prepare food for the household? | Tick one onlyYesNo | Tick one onlyYesNo |
| What type of fuel do you use most often for cooking? | ElectricityLPGKeroseneCoalWoodStraw, shrubs, grassDung cakeNo fuel availableNo cooking facilitiesOther, specify: | ElectricityLPGKeroseneCoalWoodStraw, shrubs, grassDung cakeNo fuel availableNo cooking facilitiesOther, specify: |
| Have you had to do any of the following since the disaster? | Rely on less preferred foodBorrow foodGifts of food from others (community, family, landlord)Purchase food on debitReduce portion size Restrict consumption by adults in preference for children Reduce number of meals eaten in a daySkip days without eatingConsume seed stocks kept for the next seasonDecrease expenditures for fertilizer, pesticide fodder animal feed, vet careSell domestic assets (e.g. radio, furniture, fridge, TV)Sell productive assets (farm implements, sewing machine, motorbike, land, trees)Sell more animals than usualTake children out of schoolSeek alternative or additional jobsIncrease the number of member out-migrating for work and/or foodWomen eat less food than menMen eat less food than womenSome adult family members left in search of employmentSome child family members left the village in search of employmentNo detrimental strategies at this stageOthers, describe: |
| What type of crops does your household grow? | NA (not crop growing family)RiceMaizeWheatPotatoBuck WheatAppleGrapeOthers, name: |
| If the household mentioned crops above: | ***Crop*** | ***Percentage destroyed/damaged*** |
| Rice |  |
| Maize |  |
| Wheat |  |
| Potato |  |
| Buck Wheat |  |
| Apple |  |
| Grape |  |
| Others, name: |  |
| Are your crops/land insured?  | YesNoDon’t know |
| What proportion of your land has been affected? | AllMore than halfLess than halfNoneDon’t knowNot applicable |
| Do you own livestock? | YesNo |
| If yes.... | ***Type of livestock*** | ***Before the emergency*** | ***Number now*** | ***Number injured*** |
| How many livestock do/did you own? | CattleYakHorseMuleDonkey Poultry PigsSheepGoatBuffalo FishOthers, (please specify) |  |  |  |
| What are the constraints in raising livestock as a result of the disaster? | No food for livestockNo shelter for livestockGrazing land affectedOther (*specify*)No constraints |
| Prioritize the following agricultural livelihood needs (since the emergency), rank the top 3: | Storage facilities (for seeds, equipment etc.)SeedsCash Land compensationAgricultural inputs/equipmentRestoration of irrigation facilitiesCreation of alternate livelihood optionsOther, explainNA |
| **EDUCATION** |
| **Question** | **Pre-emergency situation** | **Post-emergency situation** |
| Do/did children from this household attend school? | Notapplicable (e.g.No school age children)YesNo | YesNo |
| If children did attend school before and are not attending school now, why? | School facilities destroyedSchool has been closed School facilities are thought not safe (by parents)Route to the school is not safe/not accessibleInsecurity (e.g. children are afraid to leave parents or return to school) Parents don’t want to send children to school Children are needed to help at homeChildren are needed to work for incomeTeaching/learning materials destroyed (at school)School uniform/student’s supplies destroyed (at home)Other, explain: |
| **HEALTH** |
| Is anyone in your HH injured? Yes NoDo you have access to medicine or medical services? Yes NoDo people in your community have access to the following health services?  Delivery services  Basic Obstetric Care  Inpatient Care Outpatient Care Others, specify: |
| **Question** | **Pre-emergency situation** | **Post-emergency situation** |
| How long does it take to get to the nearest health facility? | < 30 min30 min- 1 hr1-2 hrs2-4hrs> 4 hrsDon’t know | < 30 min30 min- 1 hr1-2 hrs2-4hrs> 4 hrsDon’t know |
| What are the main concerns related to health for this household? | Please list top three concerns:1.2.3. |
| Are there any women breast feeding in this household? | YesNo |
| Have there been any changes to feeding of young children since the disaster?  | Breast feeding stoppedBreast feeding reducedBreast feeding increasedComplementary feeding reducedComplementary feeding increasedChange of foodsNo changeOther, *explain:* |
| **CULTURE& RELIGION** |
| Does your family usually go to *Lhakhangs/Dzongs*to offer prayers and blessings? | YesNoPlease explain: |
| *Have Lhakhangs, Chortens, Dzongs* and other assets related to cultural heritage ***that are important to this household*** been damaged due to the emergency? | YesNoDon’t know |
| Do you feel that a ritual needs to be performed? | Yes, stronglyYesMaybeNo |
| Performing rituals after the disaster helps a family recover. | QuicklySlowlyNot at allDon’t know/no opinion |
| **PROTECTION** |
| **Question** | **Pre-disaster situation** | **Post-emergency situation** |
| Is anyone who usually lives with this household missing since the disaster? | YesNoDon’t knowIf “yes”, please record details of missing household members. |
| Do adult male members of the household feel safe (where you are living)? | YesNoNA (i.e. no adult men here)If “no”, please explain: | YesNoNA (i.e. no adult men here)If “no”, please explain: |
| Do adult female members of the household feel safe (where you are living)?. | YesNoNA (i.e. no adult female here)If “no”, please explain: | YesNoNA (i.e. no adult female here)If “no”, please explain: |
| Do children who are members of the household feel safe (where you are living)? | YesNoNA (i.e. no children here, no need to ask the following questions)If “No”, please explain: | YesNo NA (i.e. no children here)If “No”, please explain: |
| Do children have more problems sleeping now than before the disaster?  | YesNo Not sure |
| Are children more aggressive or jittery than they were before the disaster? | YesNoNot sure |
| Do children in this house hold work?  | YesNo  | YesNo |
| If yes, is it | Paid workFor in-kind support (e.g. food)To support the family agricultural/livestock/businessOther, *explain:* | Paid workFor in-kind support (e.g. food)To support the family agricultural/livestock/businessOther, *explain:* |
| Approximately how much time do children spend working? | 1-7 hrs per week7-14 hrs per week14-21 hrs per week> 21 hrs per week | 1-7 hrs per week7-14 hrs per week14-21 hrs per week> 21 hrsper week |
| Do you know of any vulnerable children since the emergency (e.g. children with a disability, children who are unaccompanied by their usual care givers)? | YesNo If yes, please comment: |
| Have you seen or heard of people being verbally or physically badly treating children since the emergency?  | YesNo If yes, please comment: |
| Explain any coping strategies that people in this household are using to deal with the trauma of the disaster.. | Explain: |
| Are you concerned about the security of your possessions? | YesNoIf “yes”, explain: |
| Do you face any problems/conflict/tension?  | YesNo Does not want to answer  | YesNo Does not want to answer |
| If yes, please indicate the sources of the tension. | NeighboursDisplaced groups come to reside nearbyHost community Does not want to answerOther, *explain:* | NeighboursDisplaced groups come to reside nearbyHost community Does not want to answerOther, *explain:* |
| **TRANSPORT and COMMUNICATION** |
| **Question** | ***Pre-emergency situation*** | **Post-emergency situation** |
| Do you have electricity where you are staying? | YesNo  | YesNo |
| What working means of communication do you have access to?  | Fixed telephone in own homeMobileAccess to neighbour’s fixed telephoneAccess to neighbour’s mobileNothingDon’t know Other, explain: | Fixed telephone in own homeMobile Access to neighbour’s fixed telephoneAccess to neighbour’s mobileNothingDon’t know Other, explain: |
| What is the best way for your household to get information since the disaster? | Word of mouthNewspaperRadioSMS/text messaging on mobileLocal leaders (e.g. Gup, Gewog staff)Other, explain: |

1. Not all disasters are “sudden onset” and the 15 day time frame may need to be considered flexibly for disasters that get worse over time, such as floods, where a disaster is worse than originally thought, or where accessibility and communication are particularly difficult. [↑](#footnote-ref-2)