

DER POST-FLOOD NEEDS ASSESSMENT DISTRICT SUMMARY FORMAT
ONE FORM TO BE COMPLETED FOR EACH DISTRICT

District Name:	Satkhira
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District's Main City:	Kalarooa, Satkhira pourashava, Tala, Sakhira Sadar, Patkelghata
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1. LOCATION of the disaster:

# of Fully Affected Unions of all	# of Partially Affected Unions of	# of Unaffected Unions of all Upazilas
Total: 16	Total: 15	Total: 18

Note: Kalarooa pourashava is fully affected and Satkhira pourashova partly.

2. Information on the FLOOD:

a) How high above the Danger Level was the water level in this upazila during the Flood - 2004, and when ?	
b) When did the water level rise above a 'normal' flood level ?	Aug-Sep 04
c) When did the water level fall below a 'normal' flood level ?	Oct 04
d) Did the floodwater level fall at any stage during this period - if so between which dates?	
e) When was the last time that the floodwater level was as high as this time?	2,000
f) When was the last time that the flood lasted as long as this time?	Information not given

3. Information on the Population (1) provide the quantitative data gathered from the various district sources in their appropriate fields here, 2) summarize the qualitative data from your upazila records/observations in the appropriate fields):

(a) What is the total population of the district ?	2,200,000		
(b) How many people in the district are affected in total ?	220,305		
(c) How many families in the district are affected in total ?	44,061		
(d) How many births have there been during the flood period ?			
(e) Where did these births take place ?			
(f) Was a trained attendant present at the deliveries ?			
(g) How many people have died by drowning / flood-related accidents and diseases (disaggregated by age / sex) ?	Men:	Women:	Total adults:
	Male children:	Female children:	Total children:
(h) How many people have been injured or fallen sick due to the flooding (disaggregated by age and sex) in the district ?			
(h) How many people have been injured or fallen sick due to the flooding ?			
(i) How many families in this district had to evacuate their homes and take refuge in other places ?			
(j) Where did these families take refuge ?	In schools, madrasha etc.		
(k) Tick up to 6 boxes to identify the main problems faced by the population because of the floods:	Actually during the floods	After the floods (now)	

i. No access to safe drinking water	No access	
ii. No access to sanitation facilities	No access	
iii. No access to healthcare	No access	
iv. No access to family planning services		
v. No access to skilled attendants at birth	No access	
vi. No ability to cook	No access	
vii. No power supply		
viii. No transportation		
ix. Erosion of housing	No access	
x. Robbery of possessions		
xi. Loss of income	No access	
xii. Lack of wage-employment opportunities	No access	
xiii. Lack of seed/seedlings	No access	
xiv. Food insecurity	No access	
xv. Long-term unemployment		
xvi. Others (specify)		

4. HEALTH & NUTRITION:

(a) What are the diseases normally experienced at this time of year ?	Diarrhoea, skin diseases, dysentary		
(b) Have any diseases increased because of the floods ? If yes, which diseases ?			
(c) Are there any possibilities of further serious disease outbreaks ?	Yes		
(d) Are there a significant number of sick/ill persons at this time ?			
(e) What is the main limitation on patients receiving the treatment they need ?	Communications, transport		
(f) Has the flood caused any damage to the government's medical facilities in this district ?	Land, roads, school/colleges, market/bazar, poultry, shrimp farm, etc		
(g) Has the flood caused any routine health/nutrition services (e.g. immunization, antenatal care, provision			
(h) Are there any facilities in place to monitor and/or treat severe malnutrition ?	No		
(i) Are there any signs (e.g. swollen belly, wasting, night blindness, etc.) of severe malnutrition in the following:	Children under 5 years:	Pregnant & lactating women:	The general population of the district:
(j) Has there been any increase in the no. of malnourished since the flood and, if so, how much ?			
(k) Were there any deaths of severely malnourished children in the district:	Prior to the floods:	During the floods:	Following the floods:
		Data not available	
(l) What types and amounts of health & nutrition-related relief assistance has already been / is now being	Item:		
	Unit:		
	Amount:	No	
	Item:		

provided by the various actors, such as GoB, INGOs, NGOs, etc. ?	Unit:					
	Amount:					
(m) What are the stock levels of the following basic medicines ?	ORS	WPTs	IVS fluids	Other (1)	Other (2)	
(n) Is this sufficient to last for the next 3 months ?	No	No	No			
(o) In the district, what shortages related to health and nutrition are there and hence what are the IMMEDIATE/SHORT-TERM MEDICAL & NUTRITION NEEDS of the population due to the floods:						
<u>Item</u>		<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>		
No information				Data not available		
(p) In the district, what are the LONGER-TERM HEALTH & NUTRITION SECTOR REHABILITATION NEEDS						
ORS		100,000	3	300,000		
IV Fluide		20,000	50	1,000,000		
P				500,000		
(r) Any other remarks:						
None						

5. WATER & SANITATION:

Type of drinking water sources (in the district):	Piped water systems:	Deep tubewells (DBUE):	Deep tubewells (private):	Shallow tubewells (private):	Dug & other wells:	Surface & rain water systems:
(a) % of water from these sources:			50%	30%		20%
(b) How many of these water sources are normally available in the district ?						
(c) How many of these sources have been damaged/contaminated ?						
(d) What damage/contamination has been sustained by these sources ?						
(e) How many of these damaged sources is repaired and back in use ?			60	19		
(f) How many of these water sources is operating right now ?						
(g) How many of these water sources still need to be repaired in the area ?						
(h) How many of these water sources still need to be replaced / reinstalled ?						
(i) Is there adequate water supply in terms of quantity and quality ?	No					
Type of sanitation (in the district):	Water-sealed ring-slab:	Open-pit (unhygienic):	Other (specify):	No latrine:		
(j) What % of the population in the district has the following sanitation arrangements ?	60%	30%	8%	2%		
(k) How many of these has been damaged and is now unusable ?	28000					
(l) How many latrines have already been repaired ?						

(m) How many latrines still need to be repaired ?							
(n) How many latrines/sanitation arrangements need to be completely replaced or installed anew ?		28000+10000=38000					
(o) What are the alternative sanitation arrangements in the places without functioning latrines right now ?		Mobile latrines at shelters and homes					
(p) What types and amounts of water & sanitation-related relief assistance has already been / is now being provided by the various actors, such as GoB, INGOs, NGOs, etc. ?	Item:						
	Unit:						
	Amount:			No			
	Item:						
	Unit:						
(q) In the district, what shortages related to water and sanitation are there and hence what are the IMMEDIATE/SHORT-TERM WATER & SANITATION NEEDS of the population due to the floods:							
<u>Item</u>				<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>	
						Not known accurately	
(r) In the district, what are the LONGER-TERM WATER & SANITATION SECTOR REHABILITATION NEEDS due to the floods:							
Ring-slab latrine				20,000	1,000	20,000,000	
Tube well				10,000	10,000	100,000,000	
(s) Any other remarks:							
None							

6. AGRICULTURE, LIVESTOCK & FISHERIES:

(a) What are the district's main crops ?	Vegetables, Paddy, Wheat etc					
(b) What was the ha. of these crops ?						
(b) What ha. of these crops is lost ?	64,511 acres. 5,016 acres vegetables					
(c) What proportion of the total ha. of	0%	0%	0%	0%	0%	0%
(d) What ha. of seedbeds is lost ?	40					
(e) What proportion of the total ha. of these seedbeds does this represent ?	0%	0%	0%	0%	0%	0%
(f) When is the next planting season for these crops in the district (mm/yyyy) ?	Boro paddy, wheat, vegetables					
(g) When will these crops normally be ready for harvesting (mm/yyyy) ?	Jan-05, Dec-04, Oct-2004					
(h) Are seeds for these crops available in the district at an affordable price ?	No					
(i) Do families currently have seed for these crops, or money to purchase it ?	No					
(j) If no – what varieties of seeds do families require ?	Paddy, wheat, vegetables					
(k) In what quantities does a family need the seed per bigha land per crop ?	Paddy-15kg, Wheat-20kg, Vegetbl-1kg/Bigha					

(l) What other agricultural needs are there – irrigation, fertilizer, labour etc. and how are the farmers in the district planning to obtain them ?				Fuel, fertilizer, medicine, pesticides			
(m) In the district, what types of livestock are lost ?				Poultry, cows, goats and fish			
(n) In the district, what numbers of this stock are lost ?				600	20	150	5 crore Taka
(o) How many more have been sold in the district ?				Maximum			
(p) What proportion of the total number of this of livestock does this represent in the district ?							
(q) In the district, is adequate fodder available for the remaining livestock ?							No
(r) Will a re-stocking of healthy animals from another region be possible ?							Yes
(s) If so, when should the re-stocking be planned for (mm/yyyy) ?							Nov 04
(t) What is the supply situation for livestock vaccines and medicines in the district ?				Not available			
(u) Describe the extent of the damage to fisheries in the district:				5 crore Taka			
(v) What kind of damage or loss have they suffered ?							
(x) Quantify the damage to fisheries across the district:	# fish farms damaged	Farm area affected ha.	# ponds damaged	Pond area affected ha.	Loss of fish in nos.	Loss of fish in Taka	Loss of fish in MT
	412	420 bigha	6,800	6,800 bigha		5 crore	
(y) What proportion of the district's fisheries does this represent ?				0%			
(z) How will affected families in the district survive until the next harvest (i.e.Dec 04)?				150			
(aa) In the district, what types and amounts of agriculture-related relief assistance has already been / is now being provided by the various actors, such as GoB, INGOs, NGOs, etc ?	Item:						
	Unit:						
	Amount:						No
	Item:						
	Unit:						
	Amount:						
(bb) In the district, what shortages related to agriculture, livestock and fisheries are there and hence what are the SHORT-TERM AGRICULTURE, LIVESTOCK & FISHERIES NEEDS of the population due to the floods:							
<u>Item</u>				<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>	
Poultry bird				50,000	15	750,000	
Poultry feed				200	15,000	3,000,000	
Seed (vegetable, wheat paddy)				450		8,000,000	
Fertilizer				300	10,000	3,000,000	
Post (for fish)				8,000,000	1	8,000,000	
(cc) In the district, what are the LONGER-TERM AGRICULTURE, LIVESTOCK & FISHERIES SECTOR REHABILITATION NEEDS due to the floods:							

Poultry bird	50,000	15	750,000
Poultry feed	200	15,000	3,000,000
Seed			8,000,000
Fertilizer			3,000,000
P/L (fish)			8,000,000
(dd) Any other remarks:			
None			

7. FOOD:

(a) What are the preferred staple foods in the district?		Rice, fish				
(b) What stocks are normally available in the Local Storage Depots (LSD) in this district ? (Specify item, unit and amount)		Item:	Item:	Item:	Item:	Item:
			Not known			
(c) What stocks are held there right now ?			Not known			
(d) How many families benefitted from Public Food Distributions in this district in the period before the flood ?	Test Relief:	Gratituous Relief:	VGF:	VGD:	Rural Maint. Prog./FFW:	NGOs:
			Not known			
(e) How many are benefitting from such targetted food distributions now ?			Not known			
(f) Have vulnerable families/groups in this district access to adequate amounts of food right now ?		352,000				
(g) In this district, is there any change in commodity prices after the floods ?		Yes				
(h) What is the district-wide average price (per kg) of coarse rice now (in Sep) ?		10 Tk				
(i) What was the district-wide average price (per kg) of coarse rice in June ?		40 Tk				
(j) In the district, what amount of food are affected families consuming on average, each week ?		Rice (in Kg.)	Pulse (in Kg.)	Oil (in Kg.)	Salt (in Kg.)	Vegetables & fish
		28	3	2	1	18
(k) From which sources are most people buying/getting their food ? e.g. Neighbours, friends, relatives, store purchase, borrowed money/food, Govt GR,VGF, VGD, RMP, NGOs, others		Purchase, borrowed money, VGD & VGF				
(l) Do most families have any food stocks in their homes right now ? If yes, how long will they last ?		No				
(m) In the district, are people able to cook in the affected areas ?		No				
(n) Of the affected families in the district, how many are in need of food and for how long will they need assistance ?		Number of Families:			Period (Days):	
		44,000			90	
(p) In the district, what types and amounts of food-related relief assistance has already	Item:					
	Unit:					
	Amount:					NO

been / is now being provided by the various actors, such as GoB, INGOs, NGOs, etc. ?	Item:					
	Unit:					
	Amount:					

(q) In the district, what shortages related to food are there and hence what are the FOOD RELIEF NEEDS of the population due to the floods:

<u>Item</u>		<u>Quantity</u>	<u>Unit Cost</u> (Tk.)	<u>Total Cost</u> (Tk.)
Rice	MT	15,000	20,000	300,000,000
Pulse	MT	1,400	42,000	58,800,000
Oil	MT	800	60,000	48,000,000
Salt	MT	528	10,000	5,280,000
Vegetables	MT	9,500	20,000	190,000,000

(r) In the district, what are the medium-longer term ONGOING FOOD RELIEF due to the floods:

Rice	MT	15,000	20,000	300,000,000
Pulse	MT	1,400	4,200	5,880,000
Oil	MT	800	60,000	48,000,000
Salt	MT	528	10,000	5,280,000
Vegetables	MT	9,500	20,000	190,000,000

(s) Any other remarks:

Potato, onion, chilli, matches

8. Logistic Considerations:

(a) Are there usable warehouses in or near the affected upazilas of this district?	Yes					
(b) Who do these warehouses belong to and can they be used to store relief items ?	Govt LSD:		NGO:		Private / others:	
	Available (If yes, #):	Yes	Available (If yes, #):	Managable	Available (If yes, #):	No
	Combined Capacity (MT):	Not known	Combined Capacity (MT):		Combined Capacity (MT):	

9. SHELTER & HOUSING:

(a) How many houses were completely destroyed ?	7,609
(b) How many houses were badly damaged ?	9,506
(c) How many houses were lightly damaged by the floods in the district ?	14,820
(d) In the district, how many families lost their houses due to river erosion ?	6,140
(e) In the district, how many of the affected families who were displaced are still living in their area ?	6,750
(f) How many houses need to be rebuilt ?	7,609
(g) How many houses need to be repaired ?	24,826
(h) What proportion of the completely destroyed and the damaged houses in this district belong to female-	0%
(i) Describe the typical house design in this district:	Not known

(j) What are the usual house building materials used in this district ?		Tiles, mud walls, bamboo rooves				
(k) Are these materials readily available in the district's markets ?		Tiles, bamboo, gool pata (a type of leave used for roofing in coastal belt)				
(l) What is the cost of these building materials ?	Item:	Item:	Item:	Item:	Item:	
	1,500 tiles	3,400 bamboo	2,000	1,000	600	
(m) What would be the cost of building a minimum standard rural house for this district ?		30,000				
(n) Describe effective practices for flood mitigation in this district :						
(o) What types and amounts of shelter-related relief assistance has already been / is now being provided by the various actors, such as GoB, INGOs, NGOs, etc. ?	Item:					
	Unit:					
	Amount:					
	Item:					No
	Unit:					
	Amount:					
(p) In the district, what shortages related to shelter are there and hence what are the IMMEDIATE/SHORT-TERM SHELTER NEEDS of the population due to the floods:						
<u>Item</u>		<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>		
Polythene sheets		36,000	55	16,560,000		
Bamboo		10,000	100	1,000,000		
(q) In the district, what are the LONGER-TERM SHELTER & HOUSING SECTOR REHABILITATION NEEDS due to the floods:						
House building		7,609	8,500	64,676,500		
House repairs		24,326	3,000	72,978,000		
(r) Any other remarks:						
None						

10. EDUCATION:

Type of school (please provide district totals):	Govt primary	Registered non-govt primary	Community schools	Unregistered primary	NGO schools	Madrassahs	Secondary schools
(a) How many were there before the floods ?							
(b) How many were used as flood shelters ?	8		0		9	2	
(c) How many are still in use as flood shelters ?	8			2		9	2
(d) How many need to be completely rebuilt ?							
(e) How many need extensive repairs ?	15			2		6	2

(f) How many need light repairs ?							
(g) How many are not currently in a state to conduct classes ?							Not known
(h) How many is the government planning to repair?							Not known
(i) What types and amounts of education-related relief assistance has already been and is being provided by the various actors, such as GoB, INGOs, NGOs, etc. ?	Item:						
	Unit:						
	Amount:						No
	Item:						
	Unit:						
Amount:							
(j) In the district, what are the IMMEDIATE NEEDS to restart classes in every school and learning centre:							
<u>Type of school:</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>			
					Not Known		
(k) In the district, what NON-INFRASTRUCTURE EDUCATION NEEDS (chalk-boards, teaching materials, a globe,							
Primary	Bench	300	500	150,000			
High	Chair	150	500	75,000			
School	Board	150	300	45,000			
(l) In the district, what are the INFRASTRUCTURE NEEDS to repair one typical lightly damaged school :							
					Not Known		
(m) In the district, what are the INFRASTRUCTURE NEEDS to repair one typical badly damaged school :							
					Not Known		
(n) In the district, what are the INFRASTRUCTURE NEEDS to rebuild one completely destroyed school :							
					Not Known		
(o) Any other remarks:							
None							

11. ECONOMIC RECOVERY & INFRASTRUCTURE:

(a) What is the normal pre-monsoon season livelihood of most people in this district ?	Aug-Sep
(b) What is the normal monsoon season livelihood of most people in this district ?	Jan-Feb
(c) What are the normal main wage-employment activities (e.g. farming, cottage industries, shops) in	Farming, fishing
(d) Do most households in this district have any savings ?	No
(e) Have households in this district withdrawn their savings because of the flood ?	No
(f) Have households in this district sold or are planning to sell livestock or other assets ?	Yes
(g) How is the job market for wage labourers in this district: satisfactory / not so good / very bad ?	Very bad

(h) In this district, what is the average daily wage for day-labourers ?					40
(i) Have households in this district sold their labour in advance ?					Yes
(j) Have household members from this district had to migrate elsewhere in search of work ?					Yes
(k) What other short-term coping mechanisms do households have for the next 3 months ?	Migrate to other places for working				
(l) In this district, have households taken new loans from micro-credit institutions – how much ?	If yes, #:	56,000	If yes, in what range?	4000-10000	
(m) In this district, have households taken new loans from village moneylenders – how much ?	If yes, #:	32,000	If yes, in what range?	1000-20000	
(n) What is the most crucial infrastructure in the district that makes the biggest difference to poor people's lives ?	Off season of working facilities				
(o) Is this most crucial infrastructure damaged and, if so, in what way ?					
(p) What types of works are recommended by the people in this district for Cash-for-Work programmes	Yes				
(q) How many of these opportunities are there in this district ?	No opportunities available				
(r) What measures could be taken in this district to increase resilience to future floods of local households and their livelihood practices ?	Rebuild embankments, rebuild houses				
(s) what types and amounts of economic recovery & infrastructure-related relief assistance has already been and is being provided by the various actors, such as	Item:				
	Unit:				
	Amount:				No
	Item:				
	Unit:				
	Amount:				
(t) In this district, what type of SHORT-TERM ECONOMIC RECOVERY SUPPORT do local people consider					
<u>Item</u>	<u>Quantity</u>	<u>Unit Cost (Tk.)</u>	<u>Total Cost (Tk.)</u>		
No info available			0		
(u) In this district, what type of LONGER-TERM RECOVERY SUPPORT do local people consider necessary:					
Cash for work	30,000	30X40	36,000,000		
(v) Any other remarks:					
None					

12. Are there any other general observations that are important to note?

Main crop of Satkhira are Amon crop, vegetables and fish farm and all were destroyed by this flood. For the next 3 months they have no scope to sell their day labour.

13. Assessment Conducted By:

Name	Agency name	Agency phone no.	Personal phone no.	E-mail address	Signature
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Signature of Assessment Team Leader: _____

Name: Shahudullah Osmani

27-Sep-04