



Government of Odisha

Report on Damages on Account of FLOODS / HEAVY RAIN 2017

(Rayagada, Kalahandi, Nabarangpur, Malkangiri and Koraput District)

[15 July to 19 July]



**SPECIAL RELIEF COMMISSIONER
REVENUE & DISASTER MANAGEMENT DEPARTMENT
(DISASTER MANAGEMENT)**

INTRODUCTION

The State of Odisha, particularly the districts in Southern Division experienced severe flood from 15th to 19th of July 2017.

Cause & Occurrence

The flood in Rayagada, Kalahandi, Malkangiri and Koraput district was due to heavy rainfall arising out of cloud burst in some blocks and uninterrupted heavy downpour over the upper as well as lower catchments of the rivers namely, Nagavali & Kalyani of Rayagada district, river Hati & Indravati in Kalahandi district and Vansadhara in Rayagada district, Saberi in Malkangiri district. The magnitude and severity of the flood occurred in Nagavali surpassed the ferocities of earlier floods.

Normal life as well as communication systems was totally paralyzed in Kalyansinghpur and Rayagada Blocks. Similarly, flood like situation occurred in Nawarangpur district due to rain water after heavy precipitation from 17th July to 19th July 2017 and due to rise in water level in river Indravati, Turi, Bhaskel and Bangeri & their branches.

Torrential rains in South Odisha caused unprecedented flood situation in River Nagavali severely affecting the lives and properties of people in two scheduled tribe dominated Blocks of Rayagada districts. Besides, the flood caused severe damage to public properties. The ferocity of the disaster could be well imagined from the fact that two Railway Bridges (Railway Bridge near Kartikguda, and Railway Bridge between Therubali & Singapur RD stations) and three bridges on other roads have been completely washed away. The power supply infrastructure has also faced heavy destruction. At least, three villages of Kalyansingpur Block have been completely washed away. The telecom lines including mobile connectivity have been disrupted causing major problem in communicating with the people engaged in the relief restoration.

Soon, the other districts such as Kalahandi, Nabarangpur, Malkangiri and Koraput were affected by floods in the Hati, Bhaskel and different river systems due to continuous incessant rain in the southern parts of the State.

Flood in Nagavali River



Flood in Nagavali River



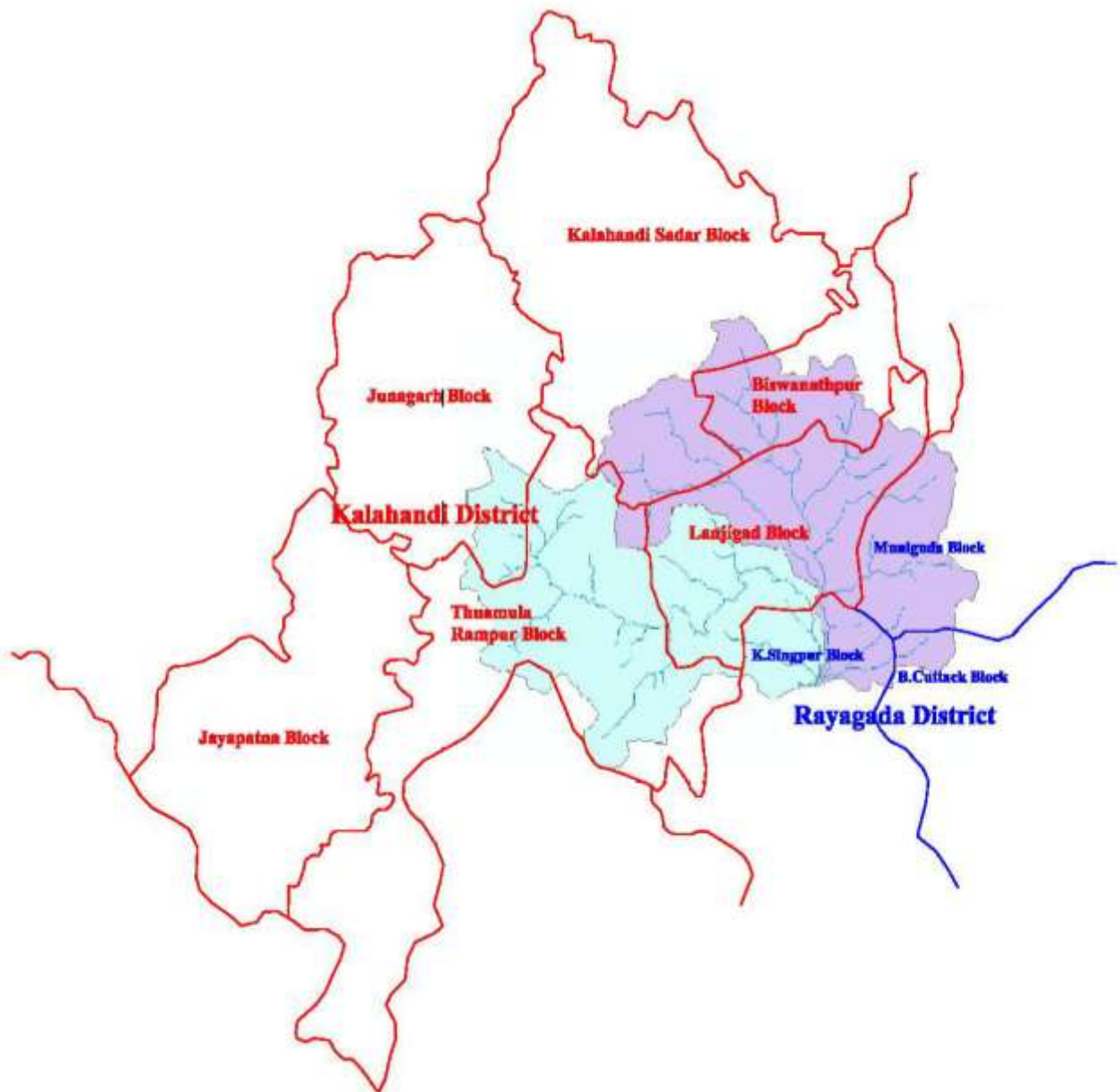
River Map in Rayagada District



GIS Map of river Nagavali

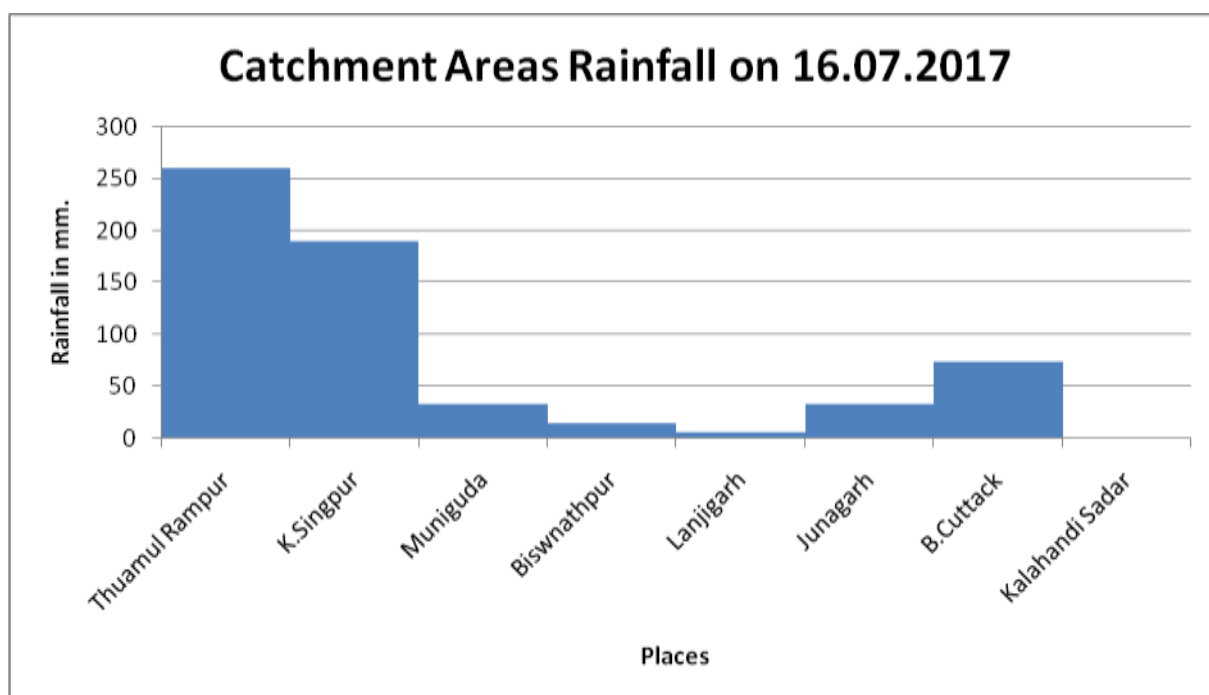


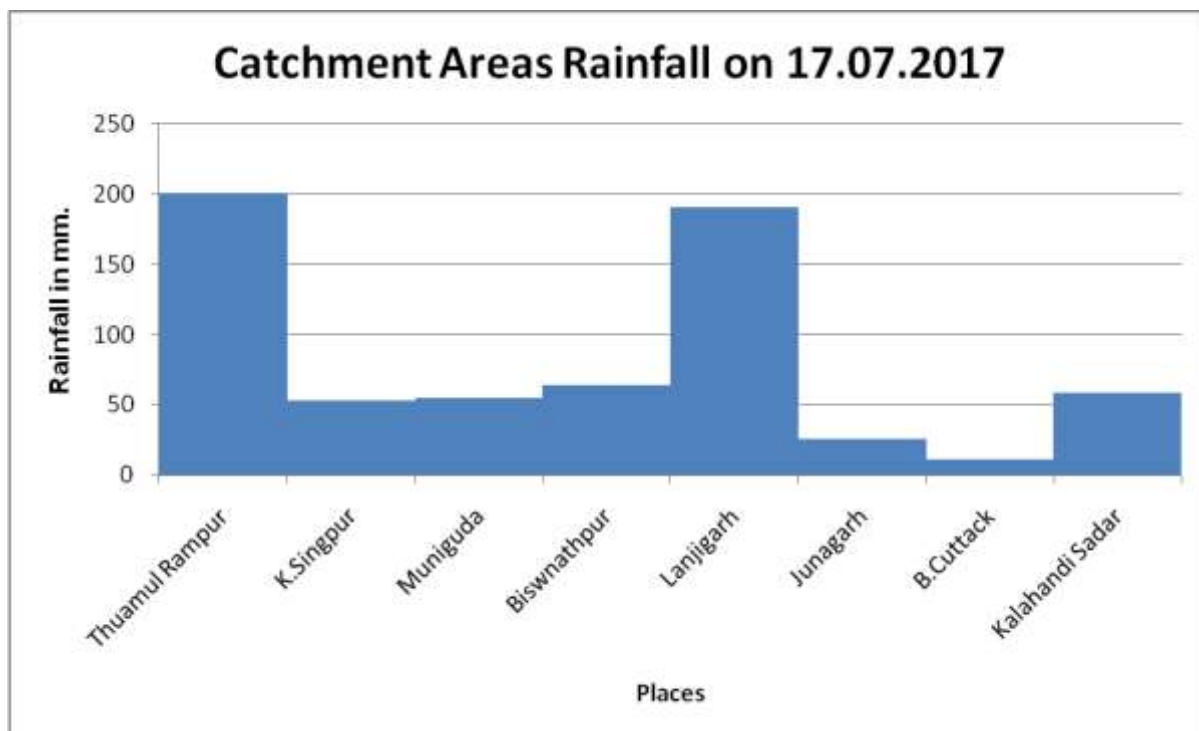
Blocks under Catchments of Nagavali



Catchment Areas of river Nagavali for the confluence point K. Singhpur of Rayagada district

Total Catchment (GIS Computation)	656.89 SqKm
District wise Distribution of Catchment	Kalahandi - 517.49 SqKm (78.78%) Rayagada – 139.40 SqKm (21.22%)
Block / Places in Kalahandi	Thuamula Rampur – 200.98 SqKm (30.60%) Lanjigarh – 190.40 SqKm (28.99%) Biswanathpur – 63.47 SqKm (9.66%) Junagarh – 25.39 SqKm (3.86%) Kalahandi Sadar – 58.18 SqKm (8.86%)
Blocks/ Places in Rayagada	K. Singpur – 52.89 SqKm (8.05%) B. Cuttack – 10.58 SqKm (1.61%) Muniguda – 55.05 SqKm (8.37%)





Rainfall

- Kalahandi District**

Sl. No.	Name of the Block/ Station	DATE (Rainfall in mm.)					
		15	16	17	18	19	20
1	Bhawanipatna	0.0	14.0	200.0	62.0	126.0	5.0
2	Kesinga	0.0	0.0	39.0	33.0	17.0	11.0
3	Karlamunda	0.0	2.0	98.0	24.2	11.3	16.4
4	M.Rampur	0.0	40.0	167.0	21.0	26.0	3.0
5	Narla (Biswanathpur)	0.0	8.0	395.1	54.5	72.1	9.1
6	Lanjigarh	0.0	4.6	254.4	59.0	6.4	1.6
7	Th. Rampur	8.2	260.0	207.3	84.3	117.0	5.0
8	Dharmagarh	15.2	30.0	54.0	91.4	142.0	5.3
9	Junagarh	0.0	32.0	37.0	83.0	112.0	12.0
10	Kalampur	25.0	126.0	136.0	106.0	80.0	0.2
11	Jaipatna	1.0	110.0	78.0	85.0	145.0	3.0
12	Koksara	15.0	115.0	135.0	75.0	120.0	2.0
13	Golamunda	7.2	17.2	30.4	42.4	103.4	10.6
	District Average	5.5	58.4	140.9	63.1	82.9	6.5

- **Raygada District**

Sl. No.	Name of the Block/ Station	DATE (Rainfall in mm.)					
		15	16	17	18	19	20
1	Raygada	4.2	16.2	29.4	20.4	40.2	1.2
2	Kolnara	4.0	51.4	30.8	18.4	44.6	0.0
3	K.Singpur	0.0	189.8	46.4	32.4	66.8	1.4
4	Kashipur	4.6	237.0	90.4	58.2	89.6	7.8
5	Gunupur	8.0	89.0	26.0	48.0	70.0	1.0
6	Padmapur	12.0	103.0	56.0	54.0	102.0	2.0
7	Gudari	5.2	35.0	120.0	58.0	109.0	4.0
8	R.Guda	5.0	97.3	66.3	30.2	63.0	0.0
9	B.Cuttack	0.0	72.8	49.8	25.0	42.2	0.0
10	Muniguda	0.0	32.5	83.4	25.0	45.0	0.0
11	Chandrapur	5.0	8.0	41.0	19.0	70.0	0.0
	District Average	4.4	84.7	58.1	35.3	37.5	1.6

- **Nawarangpur District**

Sl. No.	Name of the Block/ Station	DATE (Rainfall in mm.)					
		15	16	17	18	19	20
1	Nawarangpur	11.2	66.4	50.3	56.0	116.4	0.0
2	Nandahandi	4.3	67.8	67.3	168.2	71.9	2.3
3	Tentulikhunti	2.2	91.6	66.4	142.6	126.0	0.6
4	Papadahandi	9.0	47.0	50.0	110.0	144.0	4.0
5	Kosagumunda	8.0	54.8	26.4	174.2	149.4	1.0
6	Dabugan	12.7	14.0	20.0	133.5	198.5	1.8
7	Umerkote	5.2	26.2	18.8	78.0	112.0	4.4
8	Raighar	4.0	30.0	13.0	76.0	132.0	5.0
9	Jharigam	8.4	46.0	16.0	87.0	186.0	1.0
10	Chandahandi	1.0	41.8	36.0	51.0	159.4	1.0
	District Average	6.0	48.6	36.4	107.7	139.6	2.1

- **Koraput District**

Sl. No.	Name of the Block/ Station	DATE (Rainfall in mm.)					
		15	16	17	18	19	20
1	Koraput	6.4	40.2	70.4	113.4	79.2	16.8
2	Lamatapur	5.0	38.0	58.0	57.0	48.0	12.0
3	Pottangi	3.0	5.4	52.4	64.7	12.4	2.0
4	Bandhugan	4.2	18.8	15.0	25.2	18.6	29.4
5	Nandapur	19.4	39.2	57.6	71.4	32.6	4.6
6	Dasmantpur	9.0	64.0	76.0	64.6	44.0	8.0
7	Narayanpatna	3.4	16.0	21.4	19.0	23.0	3.2
8	Laxmipur	8.0	30.0	35.0	25.0	50.0	3.0
9	Similiguda	13.0	27.0	81.0	87.0	35.0	10.0
10	Jeypore	5.0	39.0	57.0	119.0	96.0	19.0
11	Kotpad	13.0	82.0	52.0	79.0	201.0	0.0
12	Kundra	5.4	38.4	37.2	38.6	88.2	31.0
13	Borigumma	5.4	33.2	68.4	64.8	103.4	8.4
14	Chandrapur	5.0	8.0	41.0	19.0	70.0	0.0
	District Average	8.1	36.2	53.3	65.7	69.6	12.7

- **Malkanagiri District**

Sl. No.	Name of the Block/ Station	DATE (Rainfall in mm.)					
		15	16	17	18	19	20
1	Malkangiri	45.0	15.0	15.0	46.0	76.0	22.0
2	Mathili	35.0	8.0	20.0	48.0	105.0	35.0
3	Khoirput	41.6	9.0	21.2	46.0	83.6	34.0
4	K.Gumma	13.0	11.0	26.0	30.0	55.0	20.0
5	Korukonda	38.4	11.0	30.8	48.0	64.6	16.4
6	Kalimela	19.0	15.0	8.0	80.0	66.0	13.0
7	Padia	47.0	6.4	6.0	68.6	47.0	15.6
	District Average	34.1	10.8	18.1	52.4	71.0	22.3

PREPAREDNESS INITIATIVES

- Timely information on Low pressure/ Depression to all Collectors/ Departments/ Blocks/ Tahashil/ Gram Panchayats.
- Instruction to District Collectors to hold advance preparedness meeting.
- Authorization to District Collectors for requisition of all type of boats (country and motorized) for rescue and relief operation.
- Preposition of food stuff in inaccessible, vulnerable and strategic locations.
- Restriction of plying of loaded vehicles on road/ bridges marooned if occurred for smooth transportation of relief materials.
- Requisition of Helicopters of the IAF for relief and rescue.
- Evacuation of people of low lying areas to nearby safe school buildings and cyclone shelters.
- Coordination with the IMD, Flood Cell of DoWR, CWC and Mobilization of ODRAF units.
- Declaration of holidays of schools for use of school buildings as temporary shelters.
- All neighbouring districts of Rayagada were instructed to provide manpower and material support to Rayagada District.

Monitoring Flood Situation at State Level:

- Hon'ble Chief Minister visited the State Emergency Operation Center (SEOC) and directed Development Commissioner and Special Relief Commissioner to monitor the flood situation and to ensure the search, rescue, evacuation and relief operation on 16 July.
- Development Commissioner took meetings on 16.07.2017 with the Secretaries of departments to coordinate the response activities in the floods in Rayagada district.
- Special Relief Commissioner took meetings with Senior Officers of departments to take the stock of the flood situation and response measures.
- Hon'ble Chief Minister discussed with Collectors of Rayagada, Kalahandi on 17.07.2017 through video conference about the relief/ rescue/ other response activities undertaken in the flood affected areas.
- Development Commissioner took review meetings with Secretaries of departments on 21.07.2017 to take the stock of the relief/ restoration measures and assessment of damages.
- Chief Secretary discussed with Collectors through Video conference about relief/ restoration measures in the flood affected areas.

IMPACT

Sl.	District	Blocks affected	Villages affected	ULBs affected	Population affected	Human casualty	House damage	Livestock causality
1	Rayagada	02	70		28000		1121	1316
2	Kalahandi	07	133		45200	2	3304	
3	Malkangiri	01	30		257	1	51	
4	Koraput	13	53		1135		247	
5	Nawarangpur	10	242	02	106919		413	
Total		33	528	02	181511	03	5136	1316

Though there is no human casualty directly on account of flood, two people died in Kalahandi district due to landslide and another in Malkangiri district due to wall collapse. Notably, there is no human casualty in the worst affected Rayagada district due to proactive steps of the state government. The loss in respect of damaged private houses comes to **Rs.722.04 Lakh.**

Crop Affected

The flood water has badly affected a total of 23991 hect. of agriculture land. 169.6 hect. of paddy nursery area, 21978 hect. of paddy area and 2013 hect. of non-paddy area have been affected. The district wise crop area affected is given below.

Sl. No.	DISTRICT	Paddy nursery area affected (in ha.)	Paddy Area		Non-Paddy area		Total Area	
			Covered (in ha.)	Affected (in ha.)	Covered (in ha.)	Affected (in ha.)	Covered (in ha.)	Affected (in ha.)
1	Kalahandi		85479	11677	87312	315	172791	11992
2	Raygada	97.6	10164	271	88460	888	98624	1159
3	Nabarangpur		80922	8557	74001	648	154923	9205
4	Malkangiri		21575	0	6595	0	28170	0
5	Ganjam	72	98643	1473	114094	162	212737	1635
	Grand Total	169.6	296783	21978	370462	2013	667245	23991

Crop Area Sand Cast:

110.66 hect. of agriculture land has been sand cast in Nawarangpur district. The cost of restoration comes to **Rs.172.82 lakh.**

Response

The State Government took immediate steps to manage the flood situation in these districts.

Relief & Rescue Operation

- Evacuation**

7565 people were evacuated to safer places during this flood. Evacuated persons were kept in temporary shelters. They were provided with adequate quantity of dry food as well as cooked food through free kitchen at 53 centres.

Sl. No.	District	No. of free kitchen centres opened	No. of beneficiaries covered
1	Kalahandi	25	2500
2	Nawarangpur	13	2500
3	Rayagada	15	2565
	Total	53	7565

- Rescue Operation**

The flood situations became grim on 16th, 17th & 18th July 2017. Many villages became marooned. Two teams of National Disaster Response Force stationed in Odisha, 5 teams of ODRAF, one platoon of CRPF and Fire Service Personnel were engaged for search and rescue operations of people trapped in the flood.

- Emergent Relief**

Emergent food assistance for seven days was given to affected people in Kalyansinghpur and Rayagada block.

Emergent relief has been distributed in the flood affected villages. 988.7 Qtls. of rice, 104.3 Qtls. of Chuda (flattened rice), 17.6 Qtls. of Guda (Juggery) have been distributed to the affected people. In addition to that the dry foods, candles, matchboxes, kerosene and other materials have also been distributed.

Sl. No	District	Emergent Relief (Quantity in Qtls)		
		Rice	Chuda	Gur
1	Rayagada	180.00	71.3	13.6
2	Nawarangpur	808.70	33.0	4.0
	Total	988.70	104.3	17.6

- **Air Dropping**

The helicopters of Indian Air Force were requisitioned in order to facilitate the dropping of food packets in the marooned areas for the flood victims. But the IAF helicopters could not take off from Jagdalpur base due to heavy rainfall and bad weather there.

Two Indian Navy helicopters were deployed for airdropping of food packets for the marooned people in the cut off areas. The choppers during its operation airdropped about 1800 food packets in four sorties.

The Dronier Aircraft of the Coast Guard was deployed for surveillance in the inaccessible areas. The Aircraft also airdropped some food packets in the said areas.

- **Closure of Schools**

Schools were closed in the flood affected areas of Rayagada and Kalahandi districts for three days. The schools in these areas have been used for relief camps and free kitchen centers.

- **Health and Sanitation Measures**

In addition to the stock of medicines in the districts headquarters stored prior to the floods, essential drugs like halogen tables, antibiotics, paracetamol tablets, antacids, snake bite injections, bleaching powders and ORS packets have rushed to District Head quarter hospitals. 14 Medical teams have been deployed in flood-affected districts. The detail health care measures undertaken by Health Department are as follows.

Medical Relief Centres opened	: 26
Mobile Team Deployed	: 14
ORS packet distributed	: 31985
Halogen tablets distributed	: 41725

- **Animal Care**

Due to flood, the entire livestock and poultry population of Kalyansinghpur and Rayagada Blocks have been severely affected. As per the preliminary estimation, 39411 livestock have been affected. 13.5 MT cattle feed have been despatched to Rayagada district. 155 veterinary camps were opened. 8 Rapid Response Teams were formed in Rayagada ,Kalahandi for cattle care.

Cattle feed arranged for distribution	:	13.05 MT
Animal vaccinated	:	15707
Animals treated	:	12382
Veterinary Team deployed	:	15

- **Drinking Water**

Piped water supply sources in Rayagada and Kalahandi were submerged under floodwater. The pumps and pipes were filled with sand in some places causing severe damage to the water supply system. However, efforts were made to restore the system. Pending restoration, water was supplied through tankers. Mobile vans were deployed for disinfections and repair of tube wells. The detail measures undertaken in drinking water sector are as follows.

Water pouches distributed	:	49330
Water tanker deployed	:	04
Tube wells disinfected	:	1476
Open Wells disinfected	:	122
Bleaching powder bag distributed	:	190
Tube Wells Repaired	:	194

The Government has also taken immediate steps for early restoration of communication, power supply, supply of drinking water, etc. Besides, health measures for both human and cattle have been strengthened in the affected areas to avoid any epidemic.

Damage to Public Utilities

Massive and unprecedented damage has been caused to public properties like canal/ river embankments, roads, bridges, culverts, drains, water works, tube wells, LI points, electrical installations, telecommunications infrastructure, Government buildings etc.

Works Dept.

- **PWD Roads**

As per preliminary report 116 nos. of PWD roads measuring 597.125 km have been damaged. Total numbers of CD works damaged are 160 in PWD roads. Total no. of breaches in PWD roads is 31.

Sl.	District	No. of Road Damaged	No. of Breaches	Length of Road Damaged in KM	No. of CD damaged	No. of CDs Washed Away	Total Loss (Rs. In Lakh)
1	Rayagada	15	2	39.9	17	0	513.00
2	Kalahandi	51	28	394.17	77	4	3742.00
3	Nawarangpur	17	0	56.86	6	0	1271.00
4	Koraput	31	0	106.095	59	0	525.00
5	Malkangiri	2	1	0.100	1	1	28.71
	Total	116	31	597.125	160	5	6079.71

Rural Development Department

- **Rural Roads**

Similarly rural roads measuring length of 128.320 km have been badly damaged. As many as 71 breaches have occurred in rural roads. 66 CD works have damaged. 7 CDs have been washed away.

Sl.	District	Length of Road damaged in KM	No. of Breaches	No. of CD damaged	No. of CDs washed Away	Total Loss (Rs. In Lakh)
1	Rayagada	10.650	15	13	7	2575.76
2	Kalahandi	83.065	45	45	0	1196.45
3	Nawarangpur	34.285	7	4	0	314.60
4	Koraput	0.320	4	4	0	250.00
	Total	128.320	71	66	7	4336.81

- Rural Buildings**

Sl.	District	No. of Non – Res Buildings Damaged	No. of Res Buildings Damaged	Total Loss (Rs. In Lakh)
1	Rayagada	7	2	51.50
2	Kalahandi	70	42	396.50
3	Nawarangpur	8	1	16.55
	Total	85	45	464.55

Pachayati Raj & Drinking Water Department

- GP/ PS Roads/ Buildings**

District	Public Utilities	Loss (Rs. In lakh)
Kalahandi	Damage caused to Roads	1373.70
	Damage to culverts & bridges	559.50
	Damaged to Panchayat buildings	68.00
Rayagada	Damage to Road/ CD/ Bridges/ Embankment	442.60
	Other Infrastructure	477.50
Nawarangpur	Damage to Road/ CD/ Bridges/ Embankment	1766.20
	Other Infrastructure	203.20
	Total	4890.70

- Pipe Water Supply System**

Sl.	District	Block	No. of PWS Damaged	Total Loss. (Rs. In lakh)
1	Kalahandi	Bhwanipatna	4	72.00
		Junagarh	1	10.00
		Kesinga	1	5.00
		Narla	2	10.00
		Th.Rampur	7	7.00
2	Rayagada	K.singhpur	2	3.70
	TOTAL		17	107.70

Water Resource Department

• Damage to Canal & River Embankments

Sl.	District	Type of Embankment	Length damaged in KM	No. of Breaches	No. of CDs damaged	No. of CDs washed away	Total Loss (Rs. In lakh)
1	Kalahandi	River/ canal Embkt. partial damage	1.207	0	0	0	61.40
2	Nawarangpur	River. Embkt partial damage / canal breach	0.544	18	0	0	28.00
3	Malkangiri	canal Embkt. partial damage / breach	0.395	3	0	0	11.75
4	Rayagada	River Embkt. Breach / partial damage	2.760	19	0	0	74.25
	Total		4.906	40	0	0	175.40

• Damage to Minor Irrigation Projects

Sl.	District	Type of Embankment	Length damaged in KM	No. of Breaches	No. of CDs damaged	No. of CDs washed away	Total Loss (Rs. In lakh)
1	Kalahandi	MIPs/ Check Dams	10.524	294	13	1	1411.30
2	Nawarangpur	MIPs/ Check Dams	0.396	22	8	0	107.00
3	Rayagada	MIPs/ Check Dams	2.255	19	2	0	492.00
	Total		13.175	335	23	1	2010.30

- **Damage to Lift Irrigation Points**

372 Lift Irrigation Points of Kalahandi Districts have been damaged due to flood water. The total loss to this sector comes to **Rs.351.96 lakh.**

SC &ST Development Department

Due to floods and heavy rain properties/ infrastructure of residential schools under SSD, roads, water supply, drainage, electricity, plantations have been badly damaged. 96 nos. of utilities have been damaged. The total loss to this effect comes to **Rs.1009.35 lakh.**

SI	District	No. of Utility	Total Estimated loss (Rs. In lakh)
Rayagada	Education/ Residential Institute under SSD/ Drainage/ Water supply/ boundary wall/ roads/ culvert/ roof etc.	56	699.60
Kalahandi	Education/ Residential Institute under SSD/ Drainage/ Water supply/ boundary wall/ roads/ culvert/ roof etc.	40	309.75
	Total	96	1009.35

Energy Department

Sl.	District	Type of Infrastructure	Nos.	Total Estimated Loss (Rs. In lakh)
1	Kalahandi	11KV in KM	46.8	152.07
		11KV DTR	25	47.88
		LT IN KM	26	72.80
2	Nuapada	33kv in km	0.9	4.41
		11kvin km	8.4	29.76
		LT in km	3.3	7.93
3	Rayagada	33kv in km	0.21	1.10
		11kv inn km	26.93	79.10
		11/0.4kv dtr	7	14.04
		LT LINE IN KM	11.24	19.50
4	Nabarangpur	Line &Substation & Transformer	25	31.57
5	Koraput	11 kv line	4.2KM,	3.00
		TOTAL		463.16

Fisheries & ARD Department

28 nos. of fishing net and 7 nos of boat have been damaged in Kalahandi district .The loss in this sector comes to **Rs.35.00 lakh**. Six nos. of LAC building have been damaged. The cost of restoration comes to **Rs.16.00 lakh**.

131 milch animal, 7 nos draught animals,103 poultry birds have been lost in this floods in Rayagada and Kalahandi district. The loss in this sector comes to **Rs.16.35 lakh**.

Forest & Environment Department

Sl.	Name of the Forest Division	Nature/Extent of Damage	Total Estimated Loss (Rs. In lakh)
1	Jeypore	Compound wall of Res. Building of DFO	12.50
2	Malkangiri	Compound wall of Range office, Balimela	1.00
		Safety Tank of Range office, Balimela	0.30
		Roof damaged in WFP Godown	0.20
3	Rayagada	Forest Guard quarters at K.singhpur	2.00
		Damage of fencing 350 mtrs at K.singhpur	5.00
		Deposit of sand over 3Acrs in the nursery at K.singhpur	2.00
4	Kalahandi South	Wall damage, Range office building at Th.Rampur	1.00
		Compound wall, Old Range office	1.75
		Damage to 10000 nos. nursery plantation	0.94
5	Kalahandi North	Forest Road (Mohangiri-Urladani), M. rampur	5.00
		Total	31.69

Agriculture Department

Extensive damage to Soil Conservation structures, Water Harvesting Structures, Check dams has occurred in Rayagada, Nabarangpur , Kalahandi and Malkangiri districts. The total loss in this sector comes to **Rs.436.94 lakh**.

Women & Child Development Department

The floods and torrential rain has caused the extensive damage to Anganwadi Centres in Kalahandi and Rayagada districts. The total loss is **Rs.166.00 lakh.**

Sl. No	District	No. of AWCs damaged
1	Kalahandi	74
2	Rayagada	09
	Total	83

School & Mass Education Department

84 Primary and Upper Primary Schools and 38 High Schools have been damaged due to floods in Rayagada & Kalahandi districts. The total loss in this sector comes to **Rs.385.87 Lakh.**

ABSTRACT OF LOSS

Basing on reports received from different departments, the total financial loss caused by these floods comes to the tune of Rs. **21872.35 Lakh**. Details have been indicated in the Table mentioned below.

<i>Sl.</i>	<i>DEPARTMENTS</i>	<i>[Rs. in Lakh]</i>
1.	Water Resources Department	
	River & Canal Embankments	175.40
	Minor Irrigation Projects	2010.30
	Lift Irrigation Projects	351.96
2.	Works Department	
	Roads	6079.71
3.	Rural Development Department	
	Roads	4336.81
	Buildings	464.55
4	Panchayati Raj Department	
	Pipe Water Supply	107.70
	Damages to roads/ culverts/bridges/ buildings of Kalahandi district	4890.70
5	Energy Department	
	11KV/ 33KV/ LT Lines	463.16
6	Fisheries & Animal Resources Department	
	Fisheries Sector	35.00
	LAC centre building in Kalahandi district	16.00
	Replacement of Animals	16.35
7	ST&SC Development Department	
	Educational/ Residential School/ Water supply/ Roof/ compound wall etc.	1009.35
8	Forest & Environment Department	
	Forest buildings(wall/ roof/ floor)	18.75
	Forest Road in M. Rampur	5.00
	Nursery/ Plantation	7.94

9	Agriculture Department	
	Damage to Soil Conservation structures, Water Harvesting Structures , Check dams	436.94
10	Women & Child Development	
	Damage to 83 nos. of Angan Wadi Center in Ksinghpur	166.00
11	School & Mass Education Department	
	Damage to 84 Primary & Upper Primary Schools	263.95
	Damage to 38 High Schools	121.92
11	Special Relief Commissioner	
	Damage to Private House	722.04
	Sand Cast	172.82
Total		21872.35

REQUEST TO GOVERNMENT OF INDIA

State Government by this report seek the following assistance from the Government of India;

- The damaged Railway Bridges (Railway Bridge near Kartikguda and Railway Bridge between Therubali & Singapur RD stations) and tracks need to be restored on war footing.
- Immediate steps may be taken for repair/ restoration of the National Highways damaged due to flood/ heavy rain.
- The telecom lines including mobile connectivity need to be restored immediately.

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VISUAL ACCOUNTS

Railway Bridge in Titlagarh to Rayagada Section washed away



Railway Bridge between Therubali to Singapur Road Station washed away



Aerial view of Kalyansinghpur flood affected areas



PWD Bridge



Pravatipur – Gunupur Road washed away



Free kitchen at Parsali village



Kalyani MIP – D/W – Head works washed away



Worst affected Kumharguda village



Preparation of Food Packets at Rayagada Town Hall for Air dropping



Indian Navy Helicopter ready for air dropping of food packets



**Air dropping of food
packets**



**Despatch of relief material to flood affected
areas**



