



Government of Odisha

ANNUAL REPORT ON NATURAL CALAMITIES 2024-25

**SPECIAL RELIEF COMMISSIONER
Revenue and Disaster Management Department
Government of Odisha**

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CHAPTER - I

Profile of the State

Sl. No.	Name of the District	Total Land Area (Sq. Km.)	Number of Villages (2011 Census)	Population (in '000)	Literacy Rate (in per cent)	Gross Cropped area (in '000 ha.)	Rivers	Normal Annual rainfall (mm)
1	2	3	4	5	6	7	8	9
1	Angul	6375	1871	1272	78.96	285.14	Brahmani, Mahanadi	1326.7
2	Balasore	3806	2932	2317	80.66	326.65	Subarnarekha, Budhabalang, Jalaka, Swarna	1720.9
3	Baragarh	5837	1206	1479	63.99	443.09	Mahanadi, Zira, Anga	1270.3
4	Bhadrak	2505	1312	1507	83.25	229.39	Baitarani, Salandi	1492.3
5	Balangir	6575	1783	1648	65.50	434.08	Hati, Suktel, Rahul	1261.4
6	Boudh	3098	1187	440	72.37	130.17	Mahanadi, Tel, Salanki, Bagh, Mehurni	1338.9
7	Cuttack	3932	1952	2619	84.20	309.73	Mahanadi, Devi, Kathajodi, Birupa, Kuakhai, Sidua, Luna,	1566.1
8	Deogarh	2940	878	312	73.07	94.74	Bramani	1357.4
9	Dhenkanal	4452	1208	1193	79.41	235.13	Bramani, Ramiyal	1429.2
10	Gajapati	4325	1612	576	54.29	131.66	Bansadhara	1411.2
11	Ganjam	8206	3195	3520	71.88	617.94	Rusikulya, Badanadi, Baghua, Dhanei, Loharakhandi, Ghodahada, Kokalaba, Bahuda	1311.0
12	Jagatsinghpur	1668	1292	1137	87.13	70.97	Biluakhai, Paika, Mahanadi, Devi, Hansua.	1472.3
13	Jajpur	2899	1783	1826	80.44	258.60	Baitarani, Brahmani, Budha, Kharasrota, Birupa	1608.2
14	Jharsuguda	2081	351	579	78.36	81.87	Ib, Veden	1353.2
15	Kalahandi	7920	2253	1573	60.22	542.74	Hati, Indravati, Tel, Reta, Vamsadhara,	1596.2

							Chandola, Utei.	
16	Kandhamal	8021	2587	732	65.12	163.34	Rahul, Salunki,	1620.9
17	Kendrapada	2644	1547	1440	85.93	254.26	Brahmani, Hansua, Kharasrota, Luna, Chitrotpala, Paika, Karandia	1545.6
18	Keonjhar	8303	2123	1803	69.00	371.67	Baitarani	1397.5
19	Khordha	2813	1534	2246	87.51	162.42	Kusabhadra, Bhargavi, Daya	1433.5
20	Koraput	8807	2042	1377	49.87	355.38	Kolab, Ultajharan, Champabati, Jhanjabati	1489.2
21	Malkanagiri	5791	1055	613	49.49	186.99	Saberi, Sileru, Guru, PriyaKalam, Taptadhara	1571.0
22	Mayurbhanj	10418	3950	2514	63.98	449.50	Kala, Budhabalang	1522.7
23	Nawarangpur	5291	891	1219	48.20	261.60	Indravati, Tel, Vaskel	1598.4
24	Nayagarh	3890	1692	962	79.17	190.29	Mahanadi, Brutanga, Kaligiri, Kusumi, Malaguni, BudhaBudhari, Kuairia	1415.3
25	Nuapada	3852	668	606	58.20	269.72	Udanti, Jalka	1130.3
26	Puri	3479	1707	1698	85.37	259.04	Kadua, Dhanua, Bhadua, Ratnachira, Malaguni, Devi, Daya,Kusabhadra, Bhargavi, Prachi, Luna	1511.8
27	Rayagada	7073	2665	962	50.88	234.77	Bansadhara, Nagabali	1299.3
28	Sambalpur	6657	1313	1044	76.91	249.11	Mahanadi	1444.0
29	Subarnapur	2337	962	652	74.42	217.75	Mahanadi, Tel	1361.5
30	Sundargarh	9712	1762	2081	74.13	349.86	Brahmani, Ib	1300.6
Total (State)		155707	51313	41947	73.45	8167.60		1438.6

CHAPTER- II

Rainfall

(A) Normal rainfall (Long Term Average):

The long term average rainfall in respect of different Blocks, Districts and the State for different months of year is fixed by Director, Economics and Statistics, Odisha taking into account the rainfall data for preceding 33 years. Such long term average rainfall popularly called 'Normal Rainfall' which has been last fixed during 2023 for different districts and the State as follows:

Sl. No.	District	Annual Normal Rainfall (in mm)	Sl. No.	District	Annual Normal Rainfall (in mm)
1	Angul	1326.7	17	Kendrapada	1545.6
2	Balasore	1720.9	18	Keonjhar	1397.5
3	Bargarh	1270.3	19	Khordha	1433.5
4	Bhadrak	1492.3	20	Koraput	1489.2
5	Balangir	1261.4	21	Malkanagiri	1571.0
6	Boudh	1338.9	22	Mayurbhanj	1522.7
7	Cuttack	1566.1	23	Nawarangpur	1598.4
8	Deogarh	1357.4	24	Nayagarh	1415.3
9	Dhenkanal	1429.2	25	Nuapada	1130.3
10	Gajapati	1411.2	26	Puri	1511.8
11	Ganjam	1311.0	27	Rayagada	1299.3
12	Jagatsinghpur	1472.3	28	Sambalpur	1444.0
13	Jajpur	1608.2	29	Subarnapur	1361.5
14	Jharsuguda	1353.2	30	Sundargarh	1300.6
15	Kalahandi	1596.2	State Average		1438.6
16	Kandhamal	1620.9			

(B) District-wise rainfall for the year 2024

The district-wise monthly rainfall statistics from January to December, 2024 including percentage of deviation is indicated in the table below.

Sl. No.	DISTRICT	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY		
		Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.
1	Angul	19.2	10.4	84.4	12.6	12.8	-1.6	72.2	17.3	317.3	12.1	27.4	-55.7	52.1	63.7	-18.2	115.7	197.6	-41.4	322.1	329.6	-2.3
2	Balasore	20.5	12.7	61.4	6.3	23.1	-72.6	102.1	33.8	202.0	2.6	60.6	-95.7	100.1	141.2	-29.1	121.1	264.0	-54.1	178.4	305.6	-41.6
3	Bargarh	18.5	9.1	103.1	17.3	10.9	58.6	51.5	10.3	400.4	24.7	13.4	84.0	19.5	27.1	-28.2	149.8	203.6	-26.4	382.1	361.3	5.8
4	Bhadrak	12.2	10.2	19.3	0.0	16.1	-100.0	68.6	24.1	184.7	5.5	51.6	-89.3	99.1	117.3	-15.5	117.1	215.3	-45.6	146.8	282.7	-48.1
5	Balangir	9.5	7.8	21.8	11.1	9.7	14.8	49.9	9.5	425.6	27.5	16.1	70.9	10.8	34.3	-68.6	115.5	183.2	-36.9	337.9	362.1	-6.7
6	Boudh	8.6	6.7	28.4	7.7	9.6	-20.1	61.6	13.0	373.6	23.3	17.9	30.0	45.2	40.4	11.8	177.9	208.6	-14.7	451.5	361.8	24.8
7	Cuttack	13.3	9.8	35.8	1.4	15.9	-91.3	64.4	21.0	206.6	10.8	32.8	-66.9	83.9	101.1	-17.0	182.4	203.9	-10.6	305.8	347.6	-12.0
8	Deogarh	20.4	13.3	53.4	19.9	16.5	20.4	42.9	14.0	206.7	3.6	22.1	-83.7	137.2	49.0	180.0	166.0	202.7	-18.1	227.6	350.9	-35.1
9	Dhenkanal	31.1	12.6	147.0	13.7	12.8	6.9	73.3	19.9	268.4	35.4	35.6	-0.5	49.0	88.8	-44.8	170.1	204.4	-16.8	368.8	336.9	9.5
10	Gajapati	6.9	6.5	6.0	3.9	16.3	-76.0	43.8	30.5	43.7	30.3	64.8	-53.2	91.6	114.4	-20.0	156.9	183.9	-14.7	251.8	248.3	1.4
11	Ganjam	14.9	9.4	58.7	24.7	16.2	52.6	41.2	21.5	91.5	26.8	34.8	-23.0	57.0	82.6	-30.9	130.3	168.7	-22.8	252.9	236.8	6.8
12	Jagatsinghpur	22.0	7.7	185.1	1.1	11.4	-90.1	26.2	13.8	89.5	0.9	26.0	-96.6	97.8	99.4	-1.6	170.3	171.2	-0.5	287.4	304.5	-5.6
13	Jajpur	14.4	9.3	55.1	6.9	16.8	-58.9	82.4	24.2	240.3	17.7	49.0	-63.8	75.1	123.3	-39.1	153.7	232.9	-34.0	209.4	319.6	-34.5
14	Jharsuguda	10.1	11.3	-11.0	8.3	14.0	-40.6	65.1	13.8	371.6	4.3	14.8	-71.1	13.8	29.9	-54.0	120.1	205.0	-41.4	183.9	362.7	-49.3
15	Kalahandi	3.4	6.5	-47.7	21.0	7.4	183.6	28.1	10.4	170.4	10.0	21.8	-54.2	29.7	51.4	-42.3	150.9	237.8	-36.5	399.5	452.8	-11.8
16	Kandhamal	3.1	13.4	-77.1	15.6	16.8	-7.1	62.0	24.4	153.9	9.0	48.1	-81.3	58.3	83.4	-30.1	214.7	216.8	-1.0	284.8	371.9	-23.4
17	Kendrapara	17.9	5.8	208.4	2.2	11.6	-80.8	36.8	23.6	55.8	12.6	26.2	-52.1	154.6	101.0	53.0	123.8	197.7	-37.4	196.9	293.8	-33.0
18	Keonjhar	29.3	11.7	150.4	6.1	17.5	-65.0	49.1	18.6	163.8	7.5	45.8	-83.6	96.9	97.3	-0.4	109.7	229.5	-52.2	208.2	293.0	-28.9
19	Khordha	16.3	9.1	78.7	15.9	14.5	9.7	37.2	17.5	112.4	11.1	31.6	-64.9	86.6	88.8	-2.5	175.5	178.7	-1.8	297.6	314.0	-5.2
20	Koraput	1.7	3.1	-45.9	1.0	3.6	-73.4	8.8	14.1	-37.9	29.2	38.1	-23.5	126.9	71.5	77.5	206.7	216.2	-4.4	538.4	358.6	50.1
21	Malkanagiri	0.0	2.0	-100.0	0.0	2.3	-100.0	0.3	6.1	-95.3	11.3	21.6	-47.6	62.7	42.3	48.1	257.2	216.2	18.9	805.3	440.3	82.9
22	Mayurbhanj	21.5	13.9	54.7	15.4	18.0	-14.5	88.1	26.7	230.1	2.3	57.6	-96.1	96.4	116.2	-17.0	94.9	256.1	-63.0	278.4	302.6	-8.0
23	Nawarangpur	2.4	7.6	-67.9	9.9	8.7	13.7	18.8	14.4	30.6	4.0	42.2	-90.5	71.1	69.6	2.2	234.0	244.8	-4.4	480.4	406.9	18.1
24	Nayagarh	16.9	13.3	27.1	4.6	18.0	-74.7	70.4	23.5	199.5	11.5	41.4	-72.2	102.3	86.1	18.8	223.4	193.6	15.4	302.3	328.7	-8.0
25	Nuapada	9.5	6.5	45.8	18.2	6.9	163.2	43.7	10.5	316.0	49.8	18.1	175.1	40.4	34.6	16.9	128.4	177.2	-27.6	519.5	310.6	67.3
26	Puri	18.7	7.3	155.8	3.1	15.0	-79.4	20.9	13.8	51.2	1.6	24.0	-93.4	58.8	99.4	-40.8	111.8	174.6	-36.0	186.7	311.5	-40.1
27	Rayagada	9.3	7.5	24.0	0.0	9.5	-100.0	29.7	23.7	25.1	17.2	47.3	-63.6	86.2	84.7	1.8	147.9	177.4	-16.6	243.2	304.9	-20.2
28	Sambalpur	27.3	11.8	131.4	26.7	12.3	117.0	56.6	9.5	496.1	10.0	14.9	-33.0	58.7	32.8	79.1	165.9	217.3	-23.7	318.9	402.5	-20.8
29	Subarnapur	26.6	9.8	171.8	5.5	10.9	-50.0	74.0	8.8	741.1	22.0	19.2	14.8	24.2	36.5	-33.7	179.1	200.0	-10.4	460.3	392.9	17.1
30	Sundargarh	16.9	12.9	30.8	11.8	12.8	-7.5	61.2	11.5	432.0	5.0	17.4	-71.2	41.6	41.4	0.5	119.8	204.3	-41.4	197.1	352.2	-44.0
State Average		14.7	9.3	58.5	9.7	12.9	-24.6	51.0	17.5	191.5	14.7	32.7	-55.2	70.9	75.0	-5.4	156.3	206.1	-24.1	320.8	338.3	-5.2

Contd..

Sl. No.	DISTRICT	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			Annual		
		Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.
1	Angul	349.5	336.7	3.8	254.9	216.8	17.6	78.4	89.6	-12.5	6.8	18.2	-62.6	28.6	6.6	333.5	1324.3	1326.7	-0.2
2	Balasore	205.7	346.8	-40.7	424.2	311.6	36.1	192.3	181.6	5.9	0.4	35.4	-98.8	13.3	4.5	194.4	1366.9	1720.9	-20.6
3	Bargarh	349.2	368.2	-5.2	216.7	205.1	5.7	3.1	43.6	-93.0	2.8	10.3	-73.3	2.1	7.4	-72.3	1237.0	1270.3	-2.6
4	Bhadrak	183.4	312.0	-41.2	310.4	251.3	23.5	285.9	169.9	68.3	0.0	38.4	-100.0	25.1	3.4	639.5	1254.2	1492.3	-16.0
5	Balangir	330.7	362.0	-8.6	184.1	208.5	-11.7	7.8	50.5	-84.7	1.6	11.9	-86.8	5.9	5.8	1.5	1092.3	1261.4	-13.4
6	Boudh	357.3	383.2	-6.8	234.5	213.4	9.9	7.3	64.5	-88.6	3.6	13.0	-72.6	31.0	6.8	355.9	1409.3	1338.9	5.3
7	Cuttack	420.9	370.7	13.5	328.5	262.9	24.9	94.2	159.5	-41.0	8.5	37.3	-77.3	84.4	3.6	2244.0	1598.4	1566.1	2.1
8	Deogarh	335.1	360.3	-7.0	207.7	235.7	-11.9	33.7	68.3	-50.6	12.7	17.1	-25.9	7.4	7.5	-1.3	1214.1	1357.4	-10.6
9	Dhenkanal	370.7	334.4	10.9	287.5	229.0	25.6	57.3	122.1	-53.1	5.6	26.6	-79.1	33.6	6.1	451.0	1496.2	1429.2	4.7
10	Gajapati	229.4	264.3	-13.2	212.2	241.0	-12.0	93.5	182.5	-48.8	13.7	49.8	-72.5	98.6	8.9	1008.3	1232.4	1411.2	-12.7
11	Ganjam	238.7	260.5	-8.4	185.1	221.4	-16.4	57.8	187.9	-69.2	10.3	62.5	-83.6	112.3	8.7	1190.5	1151.9	1311.0	-12.1
12	Jagatsinghpur	376.3	336.4	11.9	310.2	267.2	16.1	105.9	175.9	-39.8	1.9	54.1	-96.5	103.9	4.7	2110.6	1503.8	1472.3	2.1
13	Jajpur	311.3	358.1	-13.1	280.3	278.2	0.8	188.7	159.8	18.1	10.8	33.1	-67.3	38.1	3.9	876.2	1388.8	1608.2	-13.6
14	Jharsuguda	458.2	395.0	16.0	171.7	233.3	-26.4	7.2	52.6	-86.3	0.0	11.2	-100.0	16.6	9.6	73.1	1059.3	1353.2	-21.7
15	Kalahandi	386.5	461.2	-16.2	239.2	253.8	-5.8	20.0	72.6	-72.4	0.0	13.5	-100.0	82.2	7.0	1074.8	1370.6	1596.2	-14.1
16	Kandhamal	223.1	395.9	-43.6	222.0	278.0	-20.1	51.5	130.4	-60.5	2.3	33.2	-93.0	62.5	8.6	626.2	1208.8	1620.9	-25.4
17	Kendrapara	321.9	341.9	-5.9	265.2	275.1	-3.6	238.2	205.8	15.7	2.6	59.4	-95.7	62.9	3.7	1599.7	1435.4	1545.6	-7.1
18	Keonjhar	301.7	320.5	-5.9	250.8	229.0	9.5	89.5	110.0	-18.7	7.0	18.7	-62.5	19.0	5.9	222.0	1174.8	1397.5	-15.9
19	Khordha	325.7	320.1	1.7	234.0	241.1	-2.9	82.0	171.0	-52.0	1.6	42.7	-96.3	119.9	4.4	2625.7	1403.4	1433.5	-2.1
20	Koraput	290.0	383.7	-24.4	391.0	259.0	51.0	88.3	108.5	-18.7	4.5	26.9	-83.2	46.7	5.9	691.9	1733.1	1489.2	16.4
21	Malkanagiri	432.3	451.0	-4.1	541.1	258.5	109.3	119.6	106.0	12.8	12.8	22.3	-42.5	44.3	2.4	1747.0	2287.0	1571.0	45.6
22	Mayurbhanj	342.1	334.2	2.4	391.1	250.1	56.4	146.8	120.5	21.8	5.3	20.8	-74.6	13.6	6.0	126.9	1495.9	1522.7	-1.8
23	Nawarangpur	288.6	426.9	-32.4	242.8	272.2	-10.8	33.3	78.5	-57.6	0.0	19.4	-100.0	54.5	7.2	656.4	1439.8	1598.4	-9.9
24	Nayagarh	359.6	314.0	14.5	221.6	219.8	0.8	84.1	138.9	-39.5	6.2	31.1	-80.1	106.0	6.9	1436.8	1508.9	1415.3	6.6
25	Nuapada	298.1	300.7	-0.9	255.1	193.5	31.8	12.6	53.8	-76.6	1.8	11.9	-84.9	16.9	6.0	182.0	1394.0	1130.3	23.3
26	Puri	301.9	352.3	-14.3	246.4	267.8	-8.0	110.2	182.2	-39.5	0.2	56.2	-99.7	95.0	7.7	1133.8	1155.3	1511.8	-23.6
27	Rayagada	207.4	302.9	-31.5	152.9	205.8	-25.7	49.2	102.9	-52.2	1.9	25.4	-92.7	73.1	7.3	901.9	1018.1	1299.3	-21.6
28	Sambalpur	453.3	432.0	4.9	171.2	233.8	-26.8	18.1	54.0	-66.4	4.8	13.7	-64.8	7.5	9.4	-19.9	1319.1	1444.0	-8.6
29	Subarnapur	428.9	395.8	8.4	229.4	216.2	6.1	4.1	50.2	-91.8	1.1	13.4	-92.0	4.5	7.8	-42.5	1459.6	1361.5	7.2
30	Sundargarh	483.1	357.9	35.0	178.2	212.2	-16.0	20.2	57.6	-64.8	1.1	11.7	-90.8	11.2	8.7	28.3	1147.1	1300.6	-11.8
State Average		332.0	356.0	-6.7	261.3	241.4	8.3	79.4	115.0	-31.0	4.4	28.0	-84.3	47.4	6.4	640.0	1362.7	1438.6	-5.3

(C) Rainfall during Monsoon 2024 (1st June to 30th September)

The State experienced average deficit rainfall of 24.1 percent in June, deficit rainfall of 5.2 percent in July, deficit rainfall of 6.7 percent in August and surplus rainfall of 8.3 percent in September, 2024 compared to the long term average rainfall. The cumulative average rainfall of the State from June to September, 2024 remained 1070.5 mm against the Long Term Average (LTA) of 1141.8 mm registering a deficit of 6.2 percent which is indicated in a Table below.

Month	Normal	Rainfall in MM	
		Actual	Deviation in %
June	206.1	156.3	-24.1
July	338.3	320.8	-5.2
August	356.0	332.0	-6.7
September	241.4	261.3	8.3
Total:	1141.8	1070.5	-6.2

Block-wise analysis of the cumulative rainfall from 1st June, 2024 to 30th September, 2024 indicates that out of 314 Blocks in the State, 42 Blocks received surplus rainfall (above 19%), 165 Blocks received normal rainfall (+19% to -19%), 87 Blocks received deficit rainfall (shortfall of >19% to 39%), 15 Blocks received severe deficit rainfall (shortfall of >39% to 59%) and 5 Blocks recorded scanty rainfall (shortfall of >59%). Table below indicates district-wise position.

STATUS OF RAINFALL (1st June, 2024 to 30th September, 2024)							
Sl. No.	District	No. of Blocks having Surplus Rainfall (above 19%)	No. of Blocks having Normal Rainfall (+19% to -19%)	No. of Blocks having Deficit Rainfall (shortfall of >19% up to 39%)	No. of Blocks having Severe Deficit Rainfall (shortfall of >39% up to 59%)	No. of Blocks having Scanty Rainfall (shortfall of >59%)	Not Reported
1	2	3	4	5	6	7	8
1	Angul	2	3	3			
2	Balasore		5	5	1	1	
3	Bargarh	2	6	4			
4	Bhadrak		3	2	1	1	
5	Balangir		10	4			
6	Boudh	1	2				
7	Cuttack	3	5	5			
8	Deogarh		1	2			
9	Dhenkanal	2	5	1			
10	Gajapati		5	3			

11	Ganjam	2	12	7	1		
12	Jagatsinghpur	3	4	1			
13	Jajpur		6	2	2		
14	Jharsuguda		1	3	1		
15	Kalahandi		8	5			
16	Kandhamal		4	6	2		
17	Kendrapara		5	4			
18	Keonjhar		8	2	3		
19	Khordha	2	6	2			
20	Koraput	6	7		1		
21	Malkangiri	6	1				
22	Mayurbhanj	5	16	4		1	
23	Nawarangpur	1	5	3	1		
24	Nayagarh	2	5	1			
25	Nuapada	2	3				
26	Puri	1	5	2	1	2	
27	Rayagada		3	7	1		
28	Sambalpur		6	3			
29	Subarnapur	2	4				
30	Sundargarh		11	6			
No. of Blocks		42	165	87	15	5	
No. of Districts		16	30	25	11	4	

(D) Figure below indicates District-wise Rainfall/ Month-wise Rainfall/ Deviation of Rainfall for the year 2024.

Fig.1.1. District-wise Rainfall for the year 2024

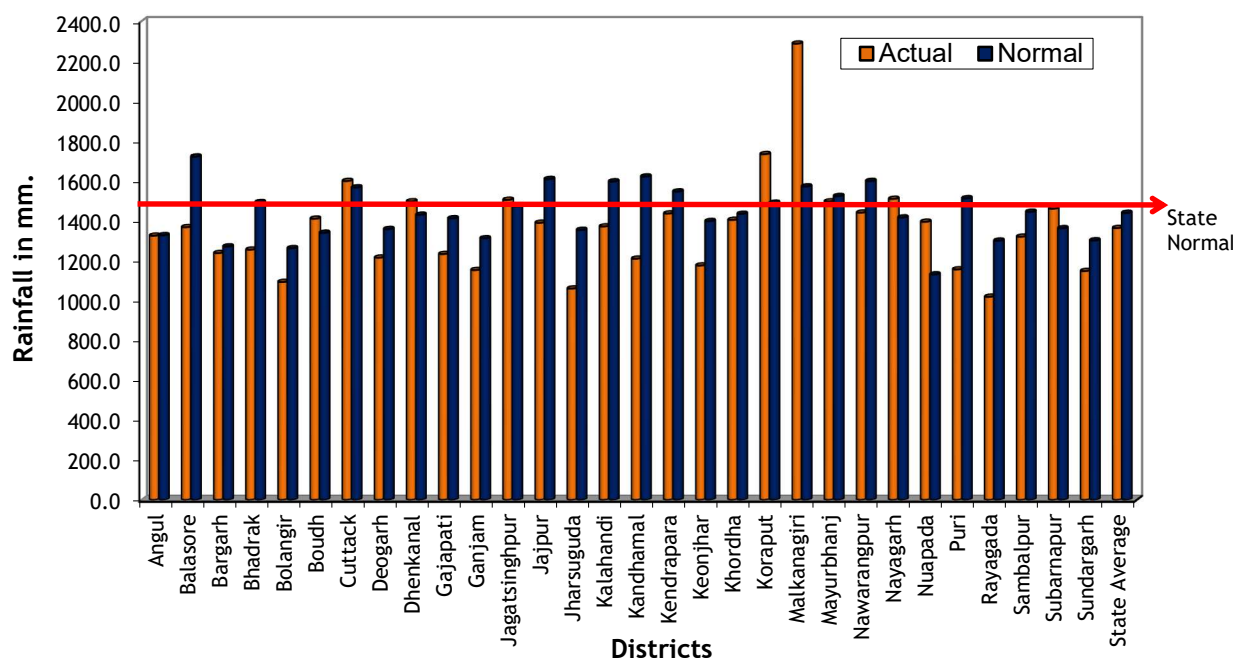


Fig.1.2. Month-wise Rainfall for the year 2024

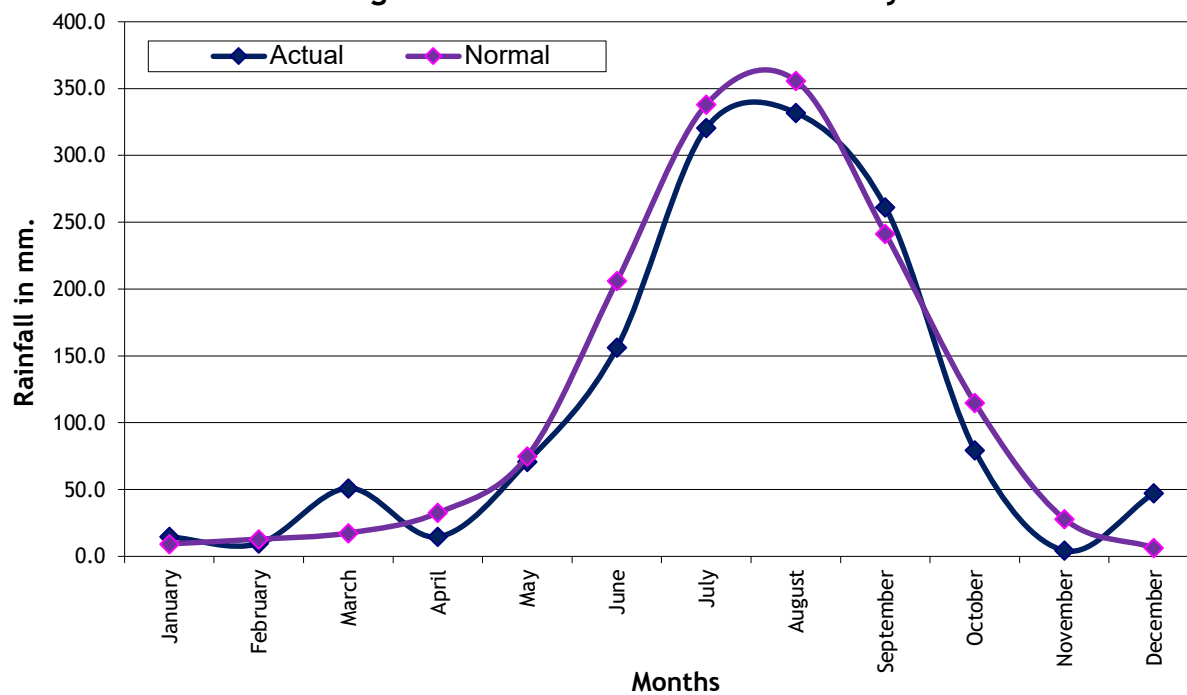
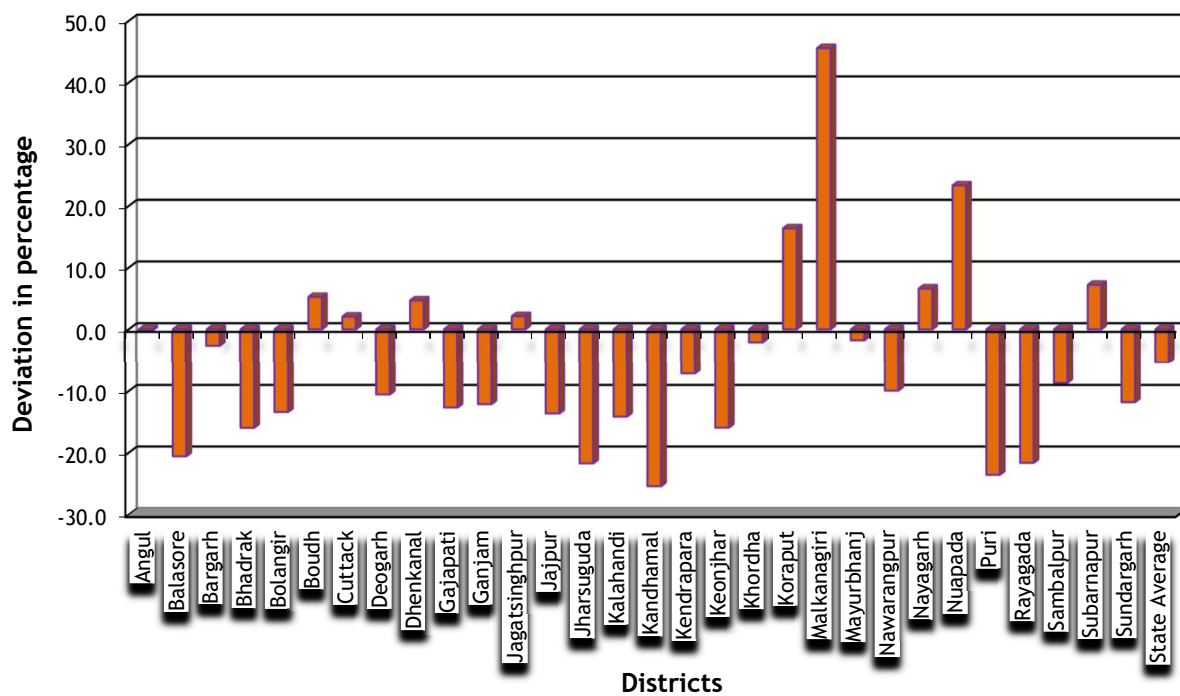


Fig.1.3. Rainfall Deviation of the Districts for the year 2024



CHAPTER – III

Disasters during the Year

Flash Flood in Malkangiri & Koraput:-

As per India Meteorological Department, Bhubaneswar, a low-pressure area formed over the Bay of Bengal on 5th September, 2024 which intensified into a deep depression on 8th of September, 2024. Under its influence, very heavy rainfall occurred in Malkangiri and Koraput districts on 9th and 10th. The rainfall recorded on 8th, 9th & 10th of September 2024 in these two districts is shown below.

Rainfall of Koraput & Malkangiri districts from 8.9.2024 to 10.9.2024						
(Rainfall in mm.)						
Sl. No.	District	Block	8.9.2024	9.9.2024	10.9.2024	Total
1	Koraput	Boipariguda	170.0	198.0	92.0	460.0
2		Jeypore	120.2	86.8	68.8	275.8
3		Lamataput	33.5	132.0	93.0	258.5
4		Borigumma	65.4	120.0	66.8	252.2
5		Dasmantpur	10.0	21.0	209.0	240.0
6		Kotpad	11.8	80.2	110.0	202.0
7		Kundra	71.2	69.4	56.8	197.4
8		Koraput	40.4	69.6	58.8	168.8
9		Similiguda	8.0	86.0	62.0	156.0
10		Nandapur	14.0	78.0	33.0	125.0
11		Pottangi	6.2	56.0	12.0	74.2
12		Narayanpatna	7.6	20.2	29.8	57.6
13		Laxmipur	0.0	8.0	46.0	54.0
14		Bandhugaon	0.0	2.0	0.0	2.0
15	Malkangiri	Malkangiri	5.8	253.0	100.6	359.4
16		Khoirput	29.0	217.0	74.0	320.0
17		Korukonda	11.0	200.0	64.0	275.0
18		Chitrakonda	14.4	225.0	35.2	274.6
19		Mathili	17.0	150.0	75.0	242.0
20		Podia	10.0	98.0	72.0	180.0
21		Kalimela	5.3	127.0	44.0	176.3

Advance preparedness

The districts authorities were instructed to take advance preparedness actions which are listed below.

- Instruct the field level functionaries to remain prepared to meet any eventuality including possibility of landslides in hilly areas.
- The engineers in charge to keep close watch over the embankments especially weak/ vulnerable points in river/ canal embankments.
- Flood fighting materials are kept ready at strategic places and immediate action is to be taken to prevent any breach or to close the breach, damage of roads.
- Drainage engineers/ officials are to take steps to clear the congestion materials from the drainage channels for free flow of flood/ rain water.
- Urban Local Bodies to make advance arrangements for dewatering from the areas likely to face water logging.

Response Activities

- 6 ODRAF teams & 7 Fire Service teams were deployed in Malkangiri district
- 1 ODRAF team deployed in Koraput and the local fire service teams put into service.
- BSF was mobilized to be pressed into service in case of large-scale evacuation is required in view of the difficult terrain in Malkangiri district.
- MHA moved to place helicopter for emergency Operations.
- 14 relief camps opened in Malkangiri
- 14 medical teams and 5 Veterinary teams were deployed in Makangiri district to fight diseases
- 500 polythene packets immediately sent to Malkangiri and 1500 More packets of polythene are arranged to be sent later.
- 2298 people were evacuated and sheltered in 16 relief camps in Malkangiri district.
- Arrangement of free kitchen for the affected people were made due to flood like situation. In Malkangiri, 2964 people given cooked food in 19 relief camps. Similarly 227 people were given cooked food in 7 relief camps in Koraput.

Senior officers deployment

Director General of Fire Services and Home Guards, DIG South Division and one Principal Secretary rank officer were deputed to supervise and assist the district administration in disaster management operations in Malkangiri district.

Hon'ble CM conducted an aerial survey of the flash-flood affected areas of the districts and directed the District authorities to immediately assess the damage to houses, agricultural

land and other damages and provide assistance to the affected people. Due to prompt action of the state government, the extent of damage could be reduced.

Impact

6.13 Lakh people in Malkangiri district and 1.56 Lakh people in Koraput district were affected by this Flash flood due to Heavy rain.

House Damage

Sl. No	Name of District	Fully damaged		Severely damaged		Partially damaged		Hut damaged	Total	Cow shed damaged
		Pucca house	Kutcha house	Pucca house	Kutcha house	Partially damaged Pucca house	Kutcha house	No. of hut	No. of house damaged	No. of cow shed
		No.	No.	No.	No.	No.	No.	No.	No.	No.
1	Malkangiri	-	18	-	2	-	827	17	864	2
2	Koraput	-	4	-	-	-	602	-	606	1
Grand Total:-		-	22	0	2	0	1429	17	1470	3

Crop loss

Sl. No	Name of the District	Total agriculture/ horticulture crop area affected (in Ha.)	Total agriculture/ horticulture crop area where crop loss is >33% (in Ha.)	Total area under crop loss of 33% & above (area in Ha.)			
				Rainfed	Irrigated	Perennial	Total
1	2	3	4	5	6	7	8
1	Malkangiri	989.799	836.107	836.107	0	0	836.107
2	Koraput	11.724	11.724	0.35	11.374	0	11.724
Total		1001.523	847.831	836.457	11.374	0	847.831

Sand cast

158.873 Ha of cultivated land got sand cast with sand thickness of more than 3 inches.

Livestock

One livestock in Koraput and 10 Livestock in Malkangiri died due to this Flash Flood.

Fishery Sector

In Malkangiri, 2 boats were fully damaged and 1 boat partially damaged, while 10 nets were fully damaged. Also, 97 fish farms and 153 fish seed farms were damaged in flash flood due to Heavy rain.

Relief assistance

More than Rs. 2.5 crore was provided from the State Disaster Relief Fund (SDRF) for various types of assistance to the affected people as post-flood relief purposes. The detail of assistance is shown in the following table.

SI No.	Type of Assistance	Amount given in Malkangiri district (Rs in Lakh)	Amount given in Koraput district (Rs in Lakh)
1	House Building Assistance	60.500	29.310
2	Clothing	0.450	
3	Utensils	0.450	
4	Agriculture Input Subsidy	71.069	1.963
5	Assistance for Desilting Sandcast	37.325	
6	Animal Exgratia	3.115	0.375
7	Assistance for Net/Boat	0.760	
8	Assistance for Fish Pond	15.498	
9	Assistance for Fish Seed Farm	10.861	
10	Relief camp Expenditure	5.626	1.495
11	Search & Rescue Expenditure	13.643	
Total		219.297	33.143

Flood situation in Balasore district:-

Due to the effect of Deep Depression in Bay of Bengal Heavy rain was experienced in Balasore and Mayurbhanj district. As can be seen in the below rainfall report of 14th September to 16th September of 2024 almost all blocks of Balasore & Mayurbhanj district received good amount of rainfall.

RAINFALL REPORTS OF BALASORE AND MAYURBHANJ DISTRICTS FROM 14.09.2024 TO 16.09.2024

(Rainfall in mm.)

SI. No.	District	Block	14.9.2024	15.9.2024	16.9.2024	Total
1	Balasore	Bhograi	104.0	125.0	78.0	307.0
2		Baliapal	58.0	137.0	87.0	282.0
3		Basta	68.0	80.0	99.0	247.0
4		Jaleswar	67.0	97.0	83.0	247.0
5		Balasore	26.0	58.0	97.0	181.0
6		Remuna	37.0	47.0	82.0	166.0
7		Nilagiri	23.0	37.0	84.0	144.0
8		Oupada	7.0	25.0	53.0	85.0
9		Bahanaga	15.0	20.0	40.0	75.0
10		Khaira	5.0	19.0	43.0	67.0

11		Soro	5.0	23.0	36.0	64.0
12		Simulia	4.0	17.0	41.0	62.0
1	Mayurbhanj	Udala	38.0	100.6	141.7	280.3
2		Kusumi	136.0	26.0	88.0	250.0
3		Betanati	50.0	82.0	113.0	245.0
4		Khunta	10.5	71.5	128.0	210.0
5		Badasahi	11.0	74.0	124.0	209.0
6		Kaptipada	22.0	81.0	104.0	207.0
7		Kuliana	58.0	82.0	65.0	205.0
8		Gopabandhunagar	9.3	72.0	122.0	203.3
9		Sarasakana	28.0	75.0	94.0	197.0
10		Suliapada	14.4	108.0	70.2	192.6
11		Rasgovindapur	24.0	83.0	79.4	186.4
12		Besoi	22.0	71.0	92.0	185.0
13		Joshipur	39.4	43.2	100.0	182.6
14		Bijatata	18.0	74.0	87.0	179.0
15		Morda	39.2	62.2	76.0	177.4
16		Bangriposi	21.6	76.0	75.0	172.6
17		Bahalda	27.0	28.0	105.0	160.0
18		Rairangapur	31.0	33.0	94.0	158.0
19		Tiring	27.6	35.2	93.8	156.6
20		Baripada	48.0	24.6	72.6	145.2
21		Samakhunta	28.0	51.0	65.0	144.0
22		Raruana	9.3	8.0	114.0	131.3
23		Karanjia	12.0	12.0	105.2	129.2
24		Jamda	29.0	20.0	41.0	90.0
25		Thakurmunda	8.0	11.0	64.0	83.0
26		Sukuruli	1.4	10.6	64.6	76.6

The water level in the rivers which have relation with Mayurbhanj & Balasore district rose to warning and danger level as can be seen in the river data given below.

Water Level of Rivers on 17.09.2024:

River	Forecast Station	Danger Level	Warning Level	Water Level (in meter)							
				6 AM	9 AM	12 Noon	3 PM	6 PM	9 PM	12 Midnight	3AM
Mahanadi	Naraj	26.41	25.41	24.28 F	24.16 F	24.01 F	23.89 F	23.80 F	23.62 F	23.47 F	23.32 F
Devi	Alipingal	11.76	10.85	06.60 F	06.52 F	06.43 F	06.34 F	06.22 F	06.10 F	05.94 F	05.76 F
Kushabhadra	Nimapada	10 .76	09.85	03.92 S	03.94 R	03.94 S	03.96 R	03.98 R	04.00 R	04.00 S	04.02 R
IB	Sundargarh	222.00	221.70	217.28 R	217.26 F	217.25 F	217.23 F	217.21 F	217.18 F	217.24 F	217.33 R
Brahmani	Panposh	178.42	177.51	NR	175.34 R	175.58 R	175.66 R	175.88 R	176.14 R	NR	NR
	Jenapur	23.00	22.00	NR	18.93 F	18.90 F	18.90 S	18.99 R	19.14 R	NR	NR

Baitarani	Anandpur	38.36	37.45	36.83 F	36.44 F	36.50 R	36.56 R	36.28 F	36.22 F	36.22 S	36.20 F
	Akhuapada	18.33	17.83	18.26 R	18.26 S	18.16 F	18.00 F	17.96 F	17.88 F	17.82 F	17.84 R
Budhabalanga	N.H 5	08.13	07.21	07.60 S	07.56 F	07.52 F	07.52 S	07.48 F	07.42 F	07.30 F	07.18 F
Subarnrekha	Jamsholaghat	49.16	48.32	50.96 R	51.18 R	51.40 R	51.46 R	51.44 F	51.48 R	51.46 F	51.32 F
	Rajghat	10.36	09.45	10.20 R	10.29 R	10.48 R	10.70 R	10.98 R	11.16 R	11.34 R	11.46 R
Vansadhara	Gunupur	84.00	83.00	80.51 F	80.50 F	80.50 S	80.55 S	80.49 F	80.49 S	80.49 S	80.47 F
	Kashinagar	54.60	54.10	NR	52.56 S	52.55 F	52.55 S	52.55 S	52.55 S	NR	NR
Rushikulya	Purushotampur	16.84	15.84	NR	11.58 S	11.58 S	11.58 S	11.58 S	NR	NR	NR
Jalaka	Mathani	06.50	06.00	6.83 R	06.81 F	06.79 F	06.76 F	06.74 F	06.73 F	06.71 F	06.70 F

Balasore district where the Subarnarekha, Budhabalanga, and Jalaka rivers passing through and all the rivers flowing above warning level, all the more two rivers Subarnarekha and Jalaka flowing above danger level became a matter of concern. The slow discharge of water to the sea due to full moon made the matter worse.

Hon'ble Minister, Revenue and Disaster Management took a meeting on 17.09.2024 to review situation due to heavy rain in the presence of Special Relief Commissioner, EIC (DoWR), Chief Fire Officer, Senior Officers of SRC Office and OSDMA.

The Balasore district was instructed to evacuate people who residing in vulnerable areas well in advance and provide cooked food to the evacuees.

Total 40 response forces were deployed in the 3 districts to do the search and rescue operation if the situation warrants.

Deployment of Response Forces:

SI No	Name of the District where deployment is made	ODRAF Teams Deployed	NDRF Teams Deployed	Fire Emergency Services Teams Deployed	Total Deployment
1	Balasore	7	1	14	22
2	Mayurbhanj	5	-	12	17
3	Bhadrak	-	1	-	1
Grand Total		12	2	26	40

- 56 power boats are deployed along with response forces.

Relief Measures

- 21085 people were evacuated and placed in safe shelters.
- Total 144 relief centres were opened where 71734 flood-affected people were served with food.
- 804 rolls of polythene sheets were distributed to the affected families for temporary shelters.
- 6 medical teams were deployed for treatment in the affected area.
- 776 packets of ORS powder and 24650 Halogen tablets were distributed.

Impact

In Balasore district 94,856 people were affected in the flood. 2 houses were fully damaged, 447 houses were partially damaged and 34 huts were damaged. Total 483 houses were damaged.

Sl. No.	Name of the block	Fully damaged		Severely damaged		Partially damaged		Hut damaged	Total	Cow shed damaged
		Pucca house	Kutch house	Pucca house	Kutch house	Partially damaged Pucca house	Kutch house	No. of hut	No. of house damaged	No. of cow shed
		No.	No.	No.	No.	No.	No.	No.	No.	No.
1	Bhograi	-	-	-	-	1	126	9	136	30
2	Baliapal	-	-	-	-	4	106	8	118	20
3	Jaleswar	-	-	-	-	-	92	15	107	2
4	Basta	-	-	-	-	-	61	-	61	-
5	Remuna	-	-	-	-	-	20	-	20	-
6	Balasore	-	1	-	-	1	10	-	12	1
7	Bahanaga	-	-	-	-	-	3	-	3	-
8	Soro	-	-	-	-	-	5	-	5	-
9	Nilgiri	-	1	-	-	-	18	2	21	-
Grand Total:-		-	2	-	-	6	441	34	483	53

4930 Ha of agriculture crop area and 343.9 Ha of horticulture crop area sustained crop loss of more than 33 % and above.

Agriculture crop area damaged

Sl. No.	Name of the block/ ULB	Total agriculture/ horticulture crop area affected (in Ha.)	Total agriculture/ horticulture crop area where crop loss is >33% (in Ha.)	Total area under crop loss of 33% & above (area in Ha.)			
				Rainfed	Irrigated	Perennial	Total
1	2	3	4	5	6	7	8
1	Baliapal	511	511	511.00	0.00	0.00	511.00
2	Jaleswar	1162	1162.000	1162.000	0.00	0.00	1162.00

3	Bhograi	3257	3257	3257.00	0.00	0.00	3257.00
Total		4930	4930	4930	0	0	4930

Horticulture crop area damaged

Sl. No.	Name of the block/ ULB	Total agriculture/ horticulture crop area affected (in Ha.)	Total agriculture/ horticulture crop area where crop loss is >33% (in Ha.)	Total area under crop loss of 33% & above (area in Ha.)			
				Rainfed	Irrigated	Perennial	Total
1	2	3	4	5	6	7	8
1	Baliapal	79.9	79.9	77.10	0.00	2.80	79.90
2	Jaleswar	194	194.000	194.00	0.00	0.00	194.00
3	Bhograi	70	70	70.00	0.00	0.00	70.00
Total		343.9	343.9	341.1	0	2.8	343.9

126 no. of fish seed farm having area of 58.89 Ha were damaged in this flood the details of which is shown below.

Sl No.	Name of the Block/ ULB	No.	Area in Ha.
1	Baliapal	65	11.43
2	Bhograi	61	47.46
Total		126	58.89

For the purpose of post-flood relief, the allotment given to Balasore district is shown below.

Assistance due to Flood in 2024 (Rs in Lakh)

Sl No.	Name of District	House Building Assistance	Clothing	Utensils	Agriculture Input Subsidy	Assistance for Fish Seed Farm
1	Balasore	24.74	0.05	0.05	448.67	5.89

Heavy rain

Under the impact of low pressure over the Bay of Bengal, Heavy rain occurred in South Odisha from 20th to 22nd in the month of July. Two districts namely Malkangiri and Koraput were particularly affected in this heavy rain and Balangir marginally affected. As a result, 264 houses in Malkangiri, 136 houses in Koraput and 15 houses in Balangir were damaged. Along with that crop area of 168 hectare was damaged more than 33% in Malkangiri district.

Similarly, during August Sundargarh, Cuttack, Balangir and Boudh districts were affected due to Heavy rain. Maximum damage occurred in Cuttack district where 627 hectare of crop area and 80 houses were damaged. In Sundargarh district, sandcast to 15.6 hectare of land and damage to 88 houses occurred whereas 34 houses in Balangir and 5 houses in Boudh were damaged district. A sum of Rs 56.61 lakh was provided to Cuttack, Rs 0.345 Lakh to Boudh, Rs 1.38 Lakh and Rs 7.37 Lakh to Sundargarh was provided towards assistance.

Again, in September 2024, low-pressure over the Bay of Bengal triggered heavy rain in Malkangiri, Koraput, Kalahandi and Mayurbhanj districts. Flash flood occurred in Malkangiri and Koraput the detail description of which is given earlier. In Mayurbhanj district, 615 houses and crop area of 20 hectare were damaged. In Kalahandi district, 31houses and 19.3 hectare of agricultural crop area were affected. In Kalahandi district, 31 houses and crop area of 19.37 hectare were damaged. A sum of Rs 205.78 Lakh to Malakngiri, Rs 33.14 Lakh to Koraput, Rs 4.4lakh to Kalahandi and Rs 49.75 Lakh to Mayurbhanj was given as assistance for the affected people.

Assistance due to Heavy Rain in 2024 (Rs in Lakh)

Sl No.	Name of District	House Building Assistance	Clothing	Utensils	Agriculture Input Subsidy	Assistance for Desilting Sandcast	Animal Exgratia	Assistance for Net/Boat	Assistance for Fish Pond	Assistance for Fish Seed Farm
1	Angul	0.120								
2	Balangir	2.015	-	-	-	-	-	-	-	-
3	Boudh	0.200								
4	Cuttack	3.320			53.295					
5	Kalahandi	2.500	.025	0.025	1.650				0.149	
6	Koraput	41.080	-	-	1.963	-	0.375	-	-	-
7	Malkangiri	80.140	0.450	0.450	86.561	37.325	3.755	0.760	15.498	10.861
8	Mayurbhanj	41.095	0.075	0.075	1.700		1.110			
9	Sundargarh	4.570				2.808				
Sub Total		175.040	0.550	0.550	145.169	40.133	5.240	0.760	15.647	10.861

Unseasonal Cyclonic Rain

On 20.12.2024, there was well marked low pressure over Bay of Bengal associated with upper Cyclonic Circulation which formed into depression on 21st December, 2024. As a result of which there was light to moderate rainfall in different districts during 20.12.2024 to 22.12.2024 and then during 24.12.2024 to 25.12.2024.

The district average rainfall can be seen in the following table.

DISTRICT AVERAGE RAINFALL From 20.12.2024 to 27.12.2024										
(Rainfall in mm)										
Sl.	District	Date								Total
		20	21	22	23	24	25	26	27	
1	Khordha	0.0	56.7	10.8	0.0	0.0	18.4	34.0	0.0	119.9
2	Ganjam	2.5	46.5	13.2	0.0	0.3	18.4	23.8	0.0	104.7
3	Nayagarh	0.6	49.0	5.7	0.0	0.7	10.1	36.8	0.0	102.9
4	Jagatsinghpur	0.0	48.9	17.3	0.0	0.0	20.0	16.6	0.0	102.8
5	Puri	0.0	42.2	12.7	0.0	0.0	15.6	23.9	0.0	94.4
6	Gajapati	10.2	40.6	7.0	0.0	1.0	15.7	12.7	0.0	87.2
7	Cuttack	0.2	28.1	13.7	0.0	0.0	11.7	29.8	0.0	83.5
8	Kalahandi	0.2	3.6	0.0	0.0	0.0	30.3	43.3	0.0	77.4
9	Rayagada	3.0	35.3	1.0	0.0	0.7	8.5	21.3	0.0	69.8
10	Kendrapara	0.0	19.1	16.1	0.0	0.0	10.1	17.6	0.0	62.9
11	Kandhamal	1.3	16.2	0.3	0.0	0.0	20.5	20.2	0.3	58.8
12	Nawarangpur	0.9	2.6	0.0	0.0	0.0	27.5	22.5	0.0	53.5
13	Jajpur	0.1	12.7	8.4	0.0	0.7	8.5	7.6	0.0	38.0
14	Koraput	6.3	14.0	0.0	0.0	2.2	7.8	3.4	0.0	33.7
15	Dhenkanal	0.0	12.6	2.8	0.0	0.4	9.0	5.9	0.0	30.7
16	Angul	0.0	11.4	0.0	0.0	0.1	10.4	5.6	0.0	27.5
17	Boudh	0.0	6.4	0.0	0.0	0.0	10.4	9.5	0.0	26.3
18	Bhadrak	0.0	11.0	5.9	0.0	0.0	2.9	5.4	0.0	25.2
19	Keonjhar	0.0	11.7	1.2	0.0	0.0	3.7	1.2	0.0	17.8
20	Nuapada	0.0	0.0	0.0	0.0	0.0	6.8	9.3	0.0	16.1
21	Balasore	0.0	4.9	5.8	0.0	0.0	1.0	1.6	0.0	13.3
22	Mayurbhanj	0.0	8.4	2.0	0.0	0.0	1.3	0.1	0.0	11.8
23	Deogarh	0.0	5.3	0.0	0.0	0.0	0.5	0.0	0.0	5.8
24	Balangir	0.0	0.0	0.0	0.0	0.0	1.3	3.1	0.0	4.4
25	Malkanagiri	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0

26	Subarnapur	0.0	0.7	0.0	0.0	0.0	0.8	0.5	0.0	2.0
27	Sambalpur	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0	1.5
28	Sundargarh	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
29	Bargarh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	Jharsuguda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State Average		0.9	16.3	4.1	0.0	0.2	9.0	11.9	0.1	42.5

This was the time of harvest in the State. And in most part of the state, the harvested paddy was cut and spread open in the field or there was standing ripe crops in the field. Due to the unseasonal rain which resulted from cyclonic disturbances there was widespread damage to crops in the State.

All 30 districts were instructed to assess the crop damage and furnish report. 16 districts namely Angul, Bhadrak, Cuttack, Dhenkanal, Gajapati, Ganjam, Jagatsinghpur, Jajpur, Kalahandi, Kandhamal, Kendrapara, Khordha, Nayagarh, Nuapada, Puri and Rayagada reported that the farmers in their district had sustained damages to crops more than 33% and above.

These 16 districts were promptly given Rs 291.58 crore towards Agriculture Input Subsidy (AIS) for assistance to the affected farmers. After field verification, the districts have disbursed Rs 175.27 crore to 4,82,217 farmers. The detail is given in the following table.

**Disbursement of Agriculture Input Subsidy due to Unseasonal cyclonic rain in
December 2024**

Sl. No.	Name of the District	Amount released to districts (in Rs)	Amount disbursed (in Rs)	Number of farmers benefited
1	Angul	6,99,808	6,92,652	239
2	Bhadrak	1,56,74,000	1,10,83,158	4,568
3	Cuttack	24,36,96,615	11,93,28,954	37,449
4	Dhenkanal	19,30,435	19,30,390	708
5	Gajapati	87,84,405	78,72,037	2,619
6	Ganjam	89,79,02,063	65,64,22,936	1,35,816
7	Jagatsinghpur	28,97,56,500	15,53,78,875	66,799
8	Jajpur	12,19,83,500	7,72,85,884	22,394
9	Kalahandi	92,85,570	83,59,495	1,526
10	Kandhamal	24,44,218	19,19,327	496
11	Kendrapara	24,52,00,690	14,35,04,313	64,159
12	Khordha	20,04,20,497	6,94,07,894	19,638
13	Nayagarh	22,23,04,393	14,82,66,094	38,143
14	Nuapada	1,93,375	1,88,360	29
15	Puri	64,84,40,945	34,54,29,902	85,980
16	Rayagada	71,71,499	56,50,274	1,654

Total	2,91,58,88,513	1,75,27,20,545	4,82,217
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Cyclone 'DANA'

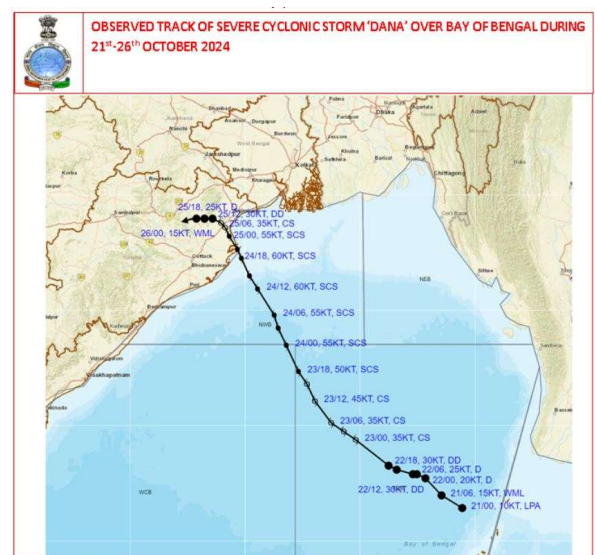
On 20.10.2024, a cyclonic circulation laid over North Andaman Sea in the early morning (0530 hours IST) and persisted over the same region in the forenoon (0830 hrs IST) of 20th October 2024. Under its influence, a Low-Pressure area formed over the East central Bay of Bengal and adjoining north Andaman Sea in the early morning (0530 hours IST) of 21st October 2024, which further moved west-north-westwards and intensified into a depression and lay centred at 0530 hrs IST of 22nd October, over the same region near latitude 15.4°N and longitude 91.2°E, about 730 km southeast of Paradip (Odisha), 770 km south-southeast of Sagar Island (West Bengal) and 740 km south-southeast of Khepupara (Bangladesh).

The cyclonic storm "DANA" (pronounced as Dana) over East central Bay of Bengal moved north-westwards with a speed of 15 kmph during past 6 hours and lay centred at 0830 hrs IST of 23rd October, over the same region near latitude 16.5°N and longitude 89.6°E, about 520 km southeast of Paradip, 600 km south-southeast of Sagar Island and 610 km south of Khepupara.

The severe cyclonic storm "DANA" over northwest Bay of Bengal continued to move north-north-westwards with a speed of 15 kmph during past 6 hours and lay centred at 2030 hrs IST of 24th October, over the same region, near latitude 20.1°N and longitude 87.3°E, about 70 km east-southeast of Paradip, 90 km south-southeast of Dhamara (Odisha) and 190 km south-southwest of Sagar Island.

The cyclone "DANA" crossed north Odisha coast close to Habalikhati Nature Camp (Bhitarkanika) and Dhamara during 0130 hrs IST to 0330 hrs IST of 25th October with a wind speed of 100-110kmph gusting to 120 kmph and lay centred at 0230 hrs IST of 25th October, over Odisha coast, near latitude 20.7°N and longitude 87.0°E, about 60 km northeast of Paradip (Odisha), 20 Km southeast of Dhamara (Odisha) and 150 km southwest of Sagar Island (West Bengal).

It lay centred at 0330 hrs IST of 25th October over north coastal Odisha near latitude 20.85°N and longitude 86.9°E, about 10 km north of Dhamara and 20 km north-northwest of Habalikhati Nature Camp (Bhitarkanika). Later, it moved nearly west-north-westwards across north Odisha and got weakened



gradually into a cyclonic storm by forenoon of 25th October.

Preparedness

Soon after receiving the meteorological warning about formation of low-pressure area over the East central Bay of Bengal and possible formation of cyclonic storm that could hit Odisha, the State Government started closely monitoring the situation. A high-level review meeting was conducted under the chairmanship of the Hon'ble Chief Minister on 21.10.2024 with all concerned Secretaries/Collectors and necessary directions were passed to chalk out the preparatory measures.

Keeping in view the possible situation, the Office of Special Relief Commissioner started massive preparedness to combat the crisis. Instructions were issued to the concerned District Collectors of the vulnerable districts and the Departments to ensure necessary preparatory measures to encounter the situation. Accordingly, the Collectors of all the 14 probable affected districts such as Angul, Balasore, Bhadrak, Cuttack, Dhenkanal, Ganjam, Jagatsinghpur, Jajpur, Kendrapada, Keonjhar, Khordha, Mayurbhanj, Nayagarh and Puri convened the meeting with their respective District Disaster Management Authorities (DDMAs) and remained in full preparedness to effectively deal with the situation. The District Emergency Operation Centres including the State Emergency Centre were activated to operate round the clock. Hon'ble Chief Minister, Odisha and Hon'ble Minister, Revenue & DM visited the State Emergency Operation Centre located in the office of Special Relief Commissioner and reviewed the pre-cyclone preparedness activities. He categorically stressed upon to adhere to the principle of "Zero Casualty in management of the disaster". The Control Rooms at Blocks, Sub- divisions and Tahasils were also activated. The fishermen on sea were asked to return immediately to the shore.

Evacuation/ Free Kitchen

- 8,10,896 people were evacuated from vulnerable areas to 6,210 shelters. They were provided with dry food, drinking water and free kitchen.
- In addition, necessary arrangements were made for provision of lighting, sanitation and health facility along with baby food in such shelters.
- Lady Constables/ Home-guards/ ASHA/ AWC workers were also deployed in the shelters by Collectors.

Sl. No.	District	No. of Shelters	No. of People Evacuated
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1	Angul	53	3187
2	Balasore	1213	212940
3	Bhadrak	917	137787
4	Cuttack	260	46308
5	Dhenkanal	355	15984
6	Ganjam	269	15557
7	Jagatsinghpur	261	41167
8	Jajpur	614	58710
9	Kendrapara	646	121116
10	Keonjhar	285	10859
11	Khordha	227	14712
12	Mayurbhanj	792	116163
13	Nayagarh	92	5518
14	Puri	208	10888
	Total	6210	8,10,896

Precautionary Measures taken to combat the situation

- Engineering Departments made necessary advance arrangements for clearance of road traffic after the cyclone. At least 3/4 Earthmovers/Excavators along with Tractors shall be kept in readiness to assist the work.
- All fishing boats numbering 19362 plying Odisha coast were safely berthed in their respective FLCs/ FH.
- Ministry of Home Affairs, Govt. of India was requested to provide one Helicopter to be used for relief and rescue operations.
- Schools, Colleges, Universities as well as Anganwadi Centres in the 14 districts under warning remained closed from 23rd to 25th October.
- Leave of Government officers was cancelled from 23rd to 25th October.
- All the three port authorities Gopalpur, Paradip and Dhamarawere instructed to hoist signal DC-I.
- Overhead water tanks kept filled in private and public buildings.
- Instruction was given to remove hoardings in coastal districts.
- Safety of Habishyalis and other Tourists in Puri were ensured by the district administration.
- Anti snake venoms and adequate number of technical personnel kept readily available at PHC level.

- All the Telecom Service Providers were requested for uninterrupted service through Telecom Towers with Genset, fuel backup. "Cell on Wheels"(CoWs) were arranged by the TSPs if required.
- Diesel, Kerosene, Petrol, LPG already available with the stockists.
- Sufficient polythene sheets made available with the district administration to be used as temporary shelter materials. Besides, 2500 MT polythene sheets are also available with the SRC as buffer stock.
- Hoarding of Essential Commodities and inflation of rates thereof was strictly dealt with by the Collector and FS & CW officials. Simultaneously, awareness drives to prevent panic buying by Consumers.
- 739 gangs made available with the DISCOMS for power restoration.

Deployment of Response Forces

- ODRAF and NDRF teams were stationed/ deployed at strategic locations to carry out search & rescue operations.
- 51 ODRAF Teams, 178 fire service teams and 20 NDRF teams were deployed.
- Additional 40 Fire services teams were kept ready for deployment.
- Additional 5 NDRF teams were airlifted from Bhatinda and kept ready for deployment as per requirement.
- Animal Rescue was also taken up along with Human Rescue work by all rescue teams.

Impact & Damages

- The damages caused by cyclone 'DANA' were mainly due to gusting action of wind and heavy rainfall.
- Abstract of extent of damages due to Cyclone "DANA" is indicated below:

Sl. No.	Item	Total
1	Total number of districts affected	14 (Angul,Balasore,Bhadrak,Cuttack,Dhenkanal,Ganjam, Jagatsinghpur,Jajpur,Kendrapada,Keonjhar,Khordha,Mayurbhanj, Nayagarh and Puri)
2	Total number of Blocks in the affected Districts	166
3	Number and names of Blocks affected	131

4	Number of villages affected	11637
5	Population affected (in lakh)	41.04357
6	Total land area affected (in ha.)	362935.37
7	Cropped area affected (in ha.)	
	i) Total cropped area affected (in ha.)	172356.81
	ii) Estimated loss to crops (Rs. in lakh)	8292.82
	iii) Area where cropped damage was more than 33% (in ha.)	87855.47
8	House damaged	
	a) No. of houses damaged	15970
	i) Fully damaged pucca houses	0
	ii) Fully damaged kutcha houses	27
	iii) Severely damaged pucca houses	2
	iv) Severely damaged kutcha houses	29
	v) Partly damaged houses (pucca + kutcha)	14622
	vi) No. of huts damaged	1290
	b) Estimated value of damage to houses (Rs. in lakh)	2100.32
9	No. of human lives lost	0
	No. of persons with grievous injuries	0
	No. of persons with minor injuries	0
10	Animal lost	4297
	a) No. of big animals lost	10
	b) No. of small animals lost	67
	c) No. of poultry (birds) lost	4220
11	Damage to public properties	
	Estimated value of the damage to public properties (Rs. in lakh)	59430.81
12	Estimated total damage to houses, crops and public properties (Rs. in lakh)	69823.95

Details of damage to houses, crops and public properties

Sl. No.	Item	Name of the District														TOTAL
		Angul	Balasore	Bhadrak	Cuttack	Dhenkanal	Ganjam	Jagatsinghpur	Jajpur	Kendrapada	Keonjhar	Khordha	Mayurbhanj	Nayagarh	Puri	
1	Total number of Blocks in the District	8	12	7	14	8	22	8	10	9	13	10	26	8	11	166
2	Number and names of Blocks affected	6	12	7	14	4	0	8	10	9	13	10	26	1	11	131
3	Number of villages affected	68	1836	1243	1679	17	0	1050	1211	1259	95	66	2627	39	447	11637
4	Population affected (in lakh)	0.03	13.61	14.2	0.463	0	0	0.8946	0.58	9.54	0.16	0.14712	1.25789	0.052	0.10888	41.04357
5	Cropped area affected															
6	i) Total cropped area affected (in Ha.)	0	33890	94137	0	0	0	0	20294.73	19184.410	0	0	4850.8	0	0	172356.81
7	ii) Estimated loss to crops (Rs. in lakh)	0.00	532.18	5748.64	0.00	0.00	0.00	0.00	1512.89	436.17	0.00	0.00	62.94	0.00	0.00	8292.82
8	iii) Area where cropped damage was more than 33% (in Ha.)	0	3913	60520.54	0	0	0	0	17798.73	5054	0	0	569.20	0	0	87855.47
9	House damaged															
10	i) Fully damaged pucca houses	0		0	0	0	0	0	0	0	0	0	0	0	0	0
11	ii) Fully damaged kutcha houses	0	18	1	0	0	0	0	0	5	1	0	2	0	0	27

12	iii) Severely damaged pucca houses	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
13	iv) Severely damaged kutcha houses	0		16	0	0	0	0	0	0	0	0	13	0	0	29
14	v) Partly damaged houses (pucca + kutcha)	0	2579	7654	7	16	0	0	2218	1207	36	0	899	6	0	14622
15	vi) No. of huts damaged	0	203	736	0	1	0	0	145	49	0	0	156		0	1290
16	Estimated value of damage to houses (Rs. in lakh)	0	161.74	388.31	0.28	1.12	0	0	1415.005	63.15	2.64	0	67.84	0.24	0	2100.325
17	No. of human lives lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	No. of persons with grievous injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	No. of persons with minor injuries	0		0	0	0	0	0	0	0	0	0	0	0	0	0
20	Animal lost															
21	a) No. of big animals lost	0	1	6	0	0	0	0	0	1	1	0	1	0	0	10
22	b) No. of small animals lost	0	3	46	0	0	0	0	1	15	1	0	1	0	0	67
23	c) No. of poultry (birds) lost	0	2800	0	0	0	0	0	1420	0	0	0		0	0	4220
24	b) Estimated value of the damage to public properties (Rs. in lakh)															59430.81
25	Estimated total damage to houses, crops and public properties (Rs. in lakh)															69823.9521

Damage to Public Properties

Loss to public properties due to cyclone "DANA"-2024			
Sl. No.	Departments	Damage Physical term/Quantity in	Total loss (Rs. in lakh)
1	Energy Department		
	33kv pole damaged	430 Nos.	21.09
	33kv conductor damaged	435.76 kms	218.38
	33kv VCB damaged	1 Nos.	6.00
	11kv poles damaged	6216 Nos.	310.75
	11kv conductor damaged	9075.95 kms.	4537.98
	11kv VCB damaged	1 Nos.	3.00
	DistributionTransformer damaged	387 Nos.	387.00
	LT line pole damaged	9741 Nos.	487.45
	LT line conductor damaged	8106.68 kms.	4053.34
	Minor material damaged		115.00
	Civil Works		14.10
	Man, machinery etc.		427.87
	Total		10581.96
2	Fisheries & Animal Resources Department		
	Damage to fish seed & fish farm	53	3.06
	Damage to Infrastructure of ARD Sector	5 Nos.	11.00
	Total		3.06
3	Forest & Environment Dept.		
	Plantation damaged	82 projects	223.92
	Infrastructure damaged	23	32.11
	Total		256.03

4	Housing & Urban Development Department		
	Road damaged	576 No. / 98.8 kms.	4827.67
	Breaches in road	24 No. / 0.9 km	20.00
	Culverts damaged	38 Nos.	76.00
	Drain damaged	87 No. / 17.05 kms.	2022.50
	Debris cleared from roads/ drain/ public area		321.04
	Street lights damaged	391	7.70
	Other infrastructure damaged	70+33+10+7	1178.00
	Hiring of DG Set	608 Nos	178.68
	Water supply system damaged	25 Nos.	2.10
	Total		8633.69
5	Health & Family Welfare Dept.		
	Damage to CHC/ PHC/ Sub- Centre	123 Nos.	436.45
6	Handloom & Textile Dept.		
	Artisan		0.90
	Sericulture		1.40
	Total		2.30
7	Works Dept.		
	Length of Road damaged (in Kms)	283.97 Km	2555.50
	No. of CD/Bridge damaged	5 No.	53.00
	Total		2608.50
8	PR & DW Deptt		
	Length of Road damaged	15387.76 Km	9253.89
	No. of culverts damaged	233 No.	139.80
	No of Primary School buildings damaged	2354	4378.80

	No of Panchayat Ghar/Community Hall damaged	871	1572.50
	No of Anganwadi Centres damaged	1444	2623.50
	Total		17968.49
9	WR Deptt.		
	River/Saline/Canal Embankment		
	No./ Length of breach (in Km)	104 No./0.82 KM	152.00
	No./Length of Partial damage (in Km)	240 No. / 105.62 KM	1346.50
	Clearance of Debris from Drainage	38.08 KM	50.05
	No. of MIP Damage	17 No.	286.00
	Total		1834.55
10	Rural Development Department		
	Damage to rural roads including breaches	757.122 kms.	15061.95
	Damage to CD/Bridges	86 Nos.	2014.30
	Debris cleared on roads/ public area		29.53
	Total		17105.78
	Grand Total		59430.81

Allotment of funds to Districts and Departments (in accordance with items and norms of assistance from SDRF)

Funds allotted to Districts due to cyclone 'DANA'											
Sl. No.	Name of the District	Type of Assistance									TOTAL (in Lakhs)
		Crop loss (in Lakhs)	House Damage (in Lakhs)	Clothing & Utensil (in Lakhs)	Animal Lost (in Lakhs)	Operation of Relief Camp (in Lakhs)	SAR (in Lakhs)	Fisheries Sector Damage (in Lakhs)	Clearance of Debris (in Lakhs)	Hiring of DG Sets (in Lakhs)	
1	Angul	0	0	0	0	3.876	0	0	0		3.876
2	Balasore	550.535	165.175	12.05	0.76	396.07	41.978	5.474	2.5	54.873	1229.415
3	Bhadrak	5748.6421	506.76	36.85	5.05	613.14	32.432	2.39	0		6945.2641
4	Cuttack	0	0.31	0	0	108.31	0	0	0		108.62
5	Dhenkanal	0	0.78	0.05	0	40.99	0.49	0	0		42.31
6	Ganjam	0	0	0	0	22.45	0.0253	0	0		22.4753
7	Jagatsinghpur	0	0	0	0	83.3	7.452	0	0.701		91.453
8	Jajpur	1512.89205	141.5	7.25	0.14	165.09	7.41	0	0		1834.28205
9	Kendrapara	436.17	63.15	2.7	1.135	441.206	116.674	0.67	4.29		1065.995
10	Keonjhar	0	2.88	0.05	0.575	34.456	5.473	0	0.9315		44.3655
11	Khordha	0	0	0	0	36.904	1.572	0	0		38.476
12	Mayurbhanj	62.938	70.69	7.90	0.36	456.5	23.294	0	3.208		624.89
13	Nayagarh	0	0.24	0	0	13.7	0	0	0	0.737	14.677
14	Puri	0	0	0	0	21.308	10.66	0	0		31.968
TOTAL		8311.17715	951.485	66.85	8.02	2437.3	247.5	8.534	11.631	55.61	12098.06695

Funds allotted to Departments due to cyclone 'DANA'

Sl. No.	Name of the Department	Sector	Items	Damage in physical terms	Actual damage assessed (in Lakh Rs.)	Requirement of funds for repair of immediate nature (in Lakh Rs.)	Amount proposed to be met from SDRF in accordance with list of items and norms (in Lakh Rs.)
	1	2	3	4	5	6	7
1	Works	PWD Roads	No. of Road damaged	109			
			Length of Road damaged (in Kms)	283.97	2555.5	869.76	170.38
			No. of Breaches damaged				
			Length of Breaches damaged (in Kms)				
			No. of CD/Bridge damaged	5	53	27	3
			No. of CD/Bridge washed away				
			Total		2608.5	896.76	173.38
2	Rural Development	Rural Roads	No. of Roads damaged	573			
			Length of Road damaged	757.078 KM		7061.32	454.25
			No. of breaches	8/ 0.044KM			0.03
			No. of CD/Bridge damaged	86		1229.5	51.6
			Clearance of debris			29.43	29.43
			Total				535.31
3	H&UD	Urban Roads	Length of drain damaged	87		2022.5	
			Length of Road damaged	99.7		4847.67	99.7
			No. of culverts damaged	38	76	76	22.8
			Clearance of debris			499.72	499.72

			Urban Water supply	25		2.1	2.1
			school building	59		763	118
			Community building	7		20	17.5
			Length of Drain damaged	17.05	2022.5	2022.5	0
			other Non-residential	33		195	
			Residential building	10		95	
			other	7		86	
			TOTAL			10629.49	759.82
4	Energy	Energy (District wise report may be furnished separately)	No of Feeder Transformer damaged	0			
			No. of 33 KV Poles damaged	430		21.09	
			Length of 33 KV conductor damaged	435.76		218.38	
			No. of 11 KV Transformer damaged	0			0
			No. of 11 KV Poles damaged	6216		310.75	310.750
			Length of 11 KV conductor damaged	9075.95		4537.975	4537.975
			No of DTs damaged	387		387	387
			No. of LT line poles damaged	9741		487.45	487.45
			Length of LT line conductor damaged	8106.68		4053.34	4053.34
			Clearing debris, hiring DG & draining water etc			427.87	427.87
			Other (if any)			138.1	0

			Total			10581.955	10204.385
5	PR & DW	Panchayat Roads	No. of Roads damaged	7259			
			Length of breaches	0	0	0	
			Length of Road damaged	15387.76	9253.892	9253.892	9232.66
			No. of culverts damaged	233	139.8	139.8	139.8
			No of culverts washed away				
		Water Supply	No of Tube wells damaged	0			
			No of platforms damaged	0			
			No. of Rural pipe water supply system damaged	0			
		Primary/ Secondary School Buildings	No of Primary School buildings damaged	2354	4378.8	4378.8	4378.8
		Community Halls	No of Panchayat Ghar/ Community Hall damaged	871	1572.5	1572.5	1572.5
		AWW Centres	No of Anganwadi Centres damaged	1444	2623.5	2623.5	2623.5
			Total				17947.26
6	Heath & FW	PHCs	No of Primary Health Centres/ CHC damaged	123	436.5	436.5	246
			Total				246
7	Water Resources	MI	River/ Saline canal Embankment damaged in KM	106.44	1498.5	683.04	0
			No. of Minor Irrigation projects damaged	17	286	87.5	34
			Clearing debris (road, drainage, public area)	38.08	50.05	50.05	50.05

			Total				84.05
8	Forest, Env & CC	Roads	Plantation Dmaged	82 projects	223.92		0
		Building	Infrastructure damaged	23 No.	32.11		0
			Cutting of trees, removal of Debris by OFDC				61.089
			Total				61.089
9	Handloom, Textile & Handicraft	Crops	Sericulture (Eri) crop area damaged	23.28 Ha		1.396	1.396
		Handloom	Loss of raw materials/ goods in process/ finished	18 no. of beneficiaries		0.9	0.9
			Total				2.296
10	Home	Rescue, Relief and road clearance operation work	Ration Allowance to Fire & Emergency Service personnel	1155 no. Of personnel		54.873	54.873
		Rescue operation	Rain suits provided to rescue teams(ODRAF units)	1430 no. Of Rain Suits		1.687	1.687
			Total				56.56
Grand Total							30070.15

Hailstorm

As many as twelve (12) districts namely Bargarh, Balasore, Deogarh, Jajpur, Keonjhar, Koraput, Malkangiri, Mayurbhanj, Nabarangpur, Nuapada, Sambalpur, Sundargarh were affected due to hailstorm accompanied by Whirlwind. Funds have been placed with the concerned Collectors for payment of assistance like agriculture input subsidy, house building assistance, assistance for clothing and utensils to the affected people as per the Norms of assistance from SDRF.

Fire

As many as 90 persons lost their lives due to lightning in 30 districts during the year 2024-25. Steps have been taken to provide ex-gratia assistance @4,00,000/- per deceased to the Next of Kin of the victims from SDRF. The district-wise number of human casualties is given below:

Sl.No.	Name of the District	Number of Persons Died	Number of cases where ex-gratia has been paid to the Nok
1	Angul	3	3
2	Bolangir	1	1
3	Balasore	-	-
4	Baragarh	1	1
5	Bhadrak	1	1
6	Boudh	3	2
7	Cuttack	6	5
8	Deogarh	-	-
9	Dhenkanal	3	2
10	Gajapati	1	-
11	Ganjam	1	-
12	Jagatsinghpur	2	2
13	Jajpur	1	1
14	Jharsuguda	6	6
15	Kalahandi	2	2
16	Kandhamal	1	1
17	Kendrapada	3	3
18	Keonjhar	9	6
19	Khordha	2	1
20	Koraput	-	-
21	Malkanagiri	2	-

22	Mayurbhanj	5	4
23	Nabarangapur	2	-
24	Nayagarh	3	2
25	Nuapada	1	1
26	Puri	16	16
27	Rayagada	3	2
28	Sambalpur	4	2
29	Subarnapur	3	3
30	Sundargarh	5	4
	Total	90	71

CHAPTER-IV

State Specific Disasters

Heat Wave

Government had taken numbers of precautionary measures to tackle the heat wave situation in the state during the year 2024-25. Measures taken by the Government include launching of Public Awareness Campaign through electronic and print media, mitigation of water scarcity problem in the identified water scarcity pockets both in the rural and urban areas by supply of drinking water through tankers, opening of Paniya Jalaseva Kendras at market places, bus stands and other congregation points by involving civil society organisations, construction/ repair of vats for roaming livestock, provision of water for the animals in reserved/ protected forests, rescheduling the timing of classes and examinations of schools and colleges, rescheduling the timing for engagement of labourers/ workmen at worksites, provision of portable drinking water, ORS packets and rest-shed at worksites, ensuring adequate stock of life saving medicine, saline, ORS in all dispensaries, PHCs, CHCs and District Headquarters Hospitals, Arrangements of special beds for treatment of heat-stroke patients in all hospitals & ensuring uninterrupted power supply during the summer months, etc.

Control Rooms at the State and the District levels were operationalized round the clock to monitor the situation and the response activities.

Despite all the precautionary measures taken to meet the possible heat wave situation, as many as 64 persons lost their lives due to heat wave during the year 2024-25. Steps have been taken to provide ex-gratia assistance @ Rs.50,000/- each to the bereaved families out of the SDRF.

Lightning

As many as 239 Persons lost their lives due to lightning in 30 districts during the year 2024-25. Steps have been taken to provide ex-gratia assistance @ 4,00,000/- per deceased to Next of Kins of the victims from SDRF. The district-wise number of human casualties is indicated below:

Sl. No	Name of the District	No. of death	No. of cases where ex-gratia has been paid to the NoKs
1	Angul	3	3
2	Bolangir	5	4
3	Balasore	22	21

4	Baragarh	6	6
5	Bhadrak	6	6
6	Boudh	2	2
7	Cuttack	11	7
8	Deogarh	1	1
9	Dhenkanal	7	7
10	Gajapati	1	1
11	Ganjam	19	17
12	Jagatsinghpur	1	1
13	Jajpur	17	10
14	Jharsuguda	5	5
15	Kalahandi	9	9
16	Kandhamal	6	6
17	Kendrapada	16	14
18	Keonjhar	14	12
19	Khordha	7	7
20	Koraput	11	11
21	Malkanagiri	2	2
22	Mayurbhanj	21	21
23	Nabarangapur	8	6
24	Nayagarh	4	4
25	Nuapada	4	2
26	Puri	10	8
27	Rayagada	8	7
28	Sambalpur	4	4
29	Subarnapur	2	1
30	Sundargarh	7	6
	TOTAL	239	211

Boat Accident

As many as 9 Persons lost their lives due to Boat capsized in 3 districts during the year 2024-25. Ex-gratia assistance @ 400,000/- per deceased has been provided to Next of kin of the victims from the SDRF. The district-wise number of human casualties is given below:

Sl.	Name of the District	No. of Death
1.	Angul	1
2	Cuttack	1
3	Koraput	7
	Total	9

Drowning

As many as 1400 persons lost their lives due to drowning in 30 districts during the year 2024-25. Steps have been taken to provide ex-gratia assistance @ 4,00,000/- per deceased to Next of Kins of the victims from SDRF. The district-wise number of human casualties is given below:

Sl.	District	No. of deaths	No. of cases where ex-gratia has been paid to the NoKs
1	Angul	42	42
2	Balangir	27	27
3	Balasore	107	107
4	Bargarh	27	27
5	Bhadrak	46	46
6	Boudh	10	10
7	Cuttack	76	72
8	Deogarh	11	11
9	Dhenkanal	53	53
10	Gajapati	10	6
11	Ganjam	106	77
12	Jagatsinghpur	17	17
13	Jajpur	78	63
14	Jharsuguda	36	36
15	Kalahandi	20	20
16	Kandhamal	24	24
17	Kendrapara	57	57
18	Keonjhar	102	102
19	Khorda	36	36
20	Koraput	72	72
21	Malkangiri	59	59
22	Mayurbhanj	95	95
23	Nabarangpur	61	59
24	Nayagarh	30	29
25	Nuapada	10	7
26	Puri	55	55
27	Rayagada	12	11
28	Sambalpur	47	47
29	Subarnapur	16	16
30	Sundargarh	58	58

Snake bite

As many as 921 persons lost their lives due to snake bite in 30 districts during the year 2024-25. Steps have been taken to provide ex-gratia assistance @ 400,000/- per deceased to Next of Kin of the victims from SDRF. The district-wise number of human casualties is given below:

Sl. No.	Name of the District	No. of persons died	No. of cases where ex-gratia has been paid to the NoKs
1	Angul	34	28
2	Balangir	27	20
3	Balasore	69	63
4	Bargarh	20	17
5	Bhadrak	40	26
6	Boudh	11	9
7	Cuttack	82	67
8	Deogarh	16	12
9	Dhenkanal	28	22
10	Gajapati	4	4
11	Ganjam	49	35
12	Jagatsinghpur	29	22
13	Jajpur	36	32
14	Jharsuguda	14	14
15	Kalahandi	15	14
16	Kandhamal	9	8
17	Kendrapara	34	29
18	Keonjhar	60	55
19	Khordha	21	16
20	Koraput	21	18
21	Malkangiri	36	30
22	Mayurbhanj	69	56
23	Nabarangpur	29	26
24	Nayagarh	17	15
25	Nuapada	17	13
26	Puri	37	29
27	Rayagada	6	5
28	Sambalpur	29	27
29	Subarnapur	9	9
30	Sundargarh	53	46
	Total	921	894

CHAPTER – V

Disaster Assistance Monitoring and Payment System (DAMPS)

Earlier, payment of ex-gratia to the next of kin of the persons who lost their lives due to different approved disasters was getting physically processed through case records from the lowest levels of revenue administration and sanctioned at the level of collector. On receipt of the sanction order from the collector, it was processed physically and allotment of funds was given to the Collector, who in its turn was transferring the funds to the concerned Tahasildar for payment to the beneficiary. It was a burden on the collector to submit utilisation certificate also. There was no scope of effective monitoring as the system was based on Physical File Processing. The matter was personally tracked from State Level on the basis of complaints. In the process, despite the best intent of the Government the distressed families were not getting their due in time.

The Special Relief Commissioner on 10.06.2020 has instructed the Collectors to stop sanction of ex-gratia in physical files and introduced an administrative initiative in the true spirit for augmenting service delivery to the citizen in distress in the remotest parts of the state. It is a digital platform developed by National Informatics Centre, Bhubaneswar for online processing, monitoring and payment of ex-gratia to the NoK of the disaster victims. DAMPS has been integrated with both CCTNS and IFMS to streamline the process of disbursement of ex-gratia assistance. The entire process is on paperless digital path. The total time taken from First Information Report (FIR) of death to receipt of payment in the bank account of NoK is reduced substantially as compared to the old manual system.

The effort is one of its kind by the Government of Odisha. DAMPS is intended to reduce unnecessary physical processing hassles. It provides a platform to the citizen to know the time lapse of processing at each level as well as to administrative hierarchy to have better monitoring and control on service delivery. It's comparable to OSWAS at the State Level with the uniqueness of connecting the field level administrative reporting machinery and control at each level to ensure better accountability of the Government functionaries. The DAMPS facilitates officers at different levels like Revenue Inspector, Tahasildar, Sub-Collector, Collector, Under Secretary, Additional Commissioner Relief and Special Relief Commissioner to work for all-too-precious Last Mile Connectivity in service delivery to the citizen. Needless to

say, the effort has brought a sea change in administrative processing of ex-gratia to the NoKs of the persons who lose their lives in disasters.

DAMPS (Pranisampad) Portal has also been inaugurated by Hon'ble Chief Minister on **29.10.2024** on the occasion of Odisha Disaster Preparedness Day (National Day for Disaster Reduction). Assistance towards loss of animals due to natural calamities is being paid to the affected beneficiaries with the help of this portal through Direct Benefit Transfer.

On an analysis of the disposal of ex-gratia cases processed **through DAMPS** during the year 2024-25, the district wise disposal data is given below:

Human Ex-gratia:

SI No.	District	Number of cases disbursed during the year 2024-25
1	Angul	139
2	Bolangir	94
3	Balasore	324
4	Bargarh	90
5	Bhadrak	186
6	Boudh	31
7	Cuttack	236
8	Deogarh	41
9	Dhenkanal	124
10	Gajapati	17
11	Ganjam	216
12	Jagatsinghpur	71
13	Jajpur	118
14	Jharsuguda	119
15	Kalahandi	68
16	Kandhamal	40
17	Kendrapara	166
18	Keonjhar	159
19	Khordha	100
20	Koraput	125
21	Malkangiri	101
22	Mayurbhanj	304

23	Nabarangpur	128
24	Nayagarh	96
25	Nuapada	54
26	Puri	142
27	Rayagada	59
28	Sambalpur	164
29	Subarnapur	41
30	Sundargarh	253
	Total	3806

Animal Ex-gratia:

Sl No.	District	Number of cases disbursed during the year 2024-25
1	Angul	12
2	Balasore	2
3	Gajapati	11
4	Mayurbhanj	7
5	Nayagarh	4
6	Sundargarh	1
	Total	37

CHAPTER-VI

State Disaster Response Fund (SDRF)

Annexure - IX

Status of release of funds out of SDRMF Account 2024-25 for State of ODISHA (As on 31.03.2025)

[Rs. in Crore]

1	Opening Balance (As on 01.04.2024)	6542.66
2	SDRMF releases during the year 2024-25 (Central & State Share)	
	# Central Share (SDRMF)	1857.00
	# State Share (SDRMF)	619.00
3	NDRF releases during the year 2024-25:	0.00
4	Total funds available in SDRF Account (1+2+3)	9018.66
5	Expenditure incurred on calamities	
	# Avalanches	-
	# Cloud Burst	-
	# Cyclone	696.45
	# Drought	-
	# Earthquake	-
	# Fire	12.99
	# Flood	3.72
	# Hailstorm	20.21
	# Landslides	0.04
	# Pest attack	3.52
	# Tsunami	-
	# Cold Wave	-
	Sub-Total	736.93
Expenditure incurred during the year 2024-25		
6	Covid-19 expenditure	0.04
7	Expenditure incurred from SDRF on procurement of search and rescue equipments etc.	232.88
8	Expenditure incurred from SDRF Capacity Building Activities	13.58
9	Expenditure incurred from SDRF on State Specific disasters	110.68
10	Expenditure incurred from SDMF on State Specific disasters	115.24
11	Total expenditure incurred on all calamities (5+6+7+8+9+10)	1209.35
12	Balance available in SDRF Account (4 - 11)	7809.31

Appendix-XII

Statement showing item-wise details of expenditure incurred as per approved items and norms of SDRF/NDRF for the year 2024-25

(Rupees in Lakh)

Code No.	Items	Calamity													
		Avalanche	Cloud burst	Cyclone	Drought	Earthquake	Fire	Flood	Hailstorm	Landslide	Pest Attack	Tsunami	Cold wave/frost	Covid-19 Expenditure	State Specific Calamity
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Gratuitous Relief														
(a)	Ex-gratia payment to families to deceased persons														
	(i) As per SDRF/NDRF norms	0	0	4.25	0	0	851.333	5.500	0	4.00	0	0	0	4.000	12812.00
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	2	0	0	214	2	0	1	0	0	0	8	3203
(b)	Ex-gratia payment for loss of a limb or eyes														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(c)	Grievous injury requiring hospitalization														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	3.908

	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	15
(d)	Relief for the old, infirm and destitute, children														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(e)	Clothing and utensils/household goods for families whose houses have been washed away/fully damaged/severely inundated for more than a week due to a natural calamity														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	12.717	0	66.900	0	0	0	0	0	1.200
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	0	0	0	512	0	2676	0	0	0	0	0	48
(f)	Gratuitous relief for families in dire need of immediate sustenance after a calamity														
	(i) As per SDRF/NDRF norms	0	0	2284.294	0	0	0	317.953	156.267	0	0	0	0	0	13.881
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	2115087	0	0	0	91717	144691	0	0	0	0	0	12853
2	Supplementary Nutrition														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Assistance to Small and Marginal Farmers (SMF)														
(a)	Desilting of agriculture land														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	37.312
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	0	0	0	0	0	0	0	0	0	0	0	158.87
	(iv) No. of S&M farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	1696
(b)	Removal of debris on agricultural land in hilly areas														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of S&M farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(c)	Desilting/Restoration/Repair of fish farms														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of S&M farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(d)	Loss of substantial portion of land caused by landslide, avalanche, change of course of rivers														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of S&M farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(e)	Agriculture input subsidy where crop loss was 33% and above														
	(i) As per SDRF/NDRF norms	0	0	34166.544	0	0	0	0	82.374	0	351.422	0	0	0	593.843
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	401975.78	0	0	0	0	423.300		4134.380	0	0	0	6986.388
	(iv) No. of S&M farmers	0	0		0	0	0	0		0		0	0	0	
4	Input Subsidy to farmers other than Small & Marginal Farmers														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of S&M farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Assistance to small and marginal sericulture farmers														
	(i) As per SDRF/NDRF norms	0	0	1.397	0	0	0	0	0	0	0	0	0	0	0

	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total area (ha.)	0	0	23.28	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of S&M farmers	0	0		0	0	0	0	0	0	0	0	0	0	0
6	Employment Generation														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of man days generated	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) Quantum of food grains distributed as part of wage component	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Animal Husbandry Assistance to small and marginal farmers/agricultural labourers														
(i)	Replacement of draught/milch animals or animals used for haulage														
	(i) As per SDRF/NDRF norms	0	0	8.020	0	0	26.834	0	0	0	0	0	0	0	58.281
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of beneficiaries	0	0	132	0	0	428	0	0	0	0	0	0	0	859
(ii)	Provisions of fodder/feed in cattle camps														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(iii) No. of cattle camps	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) Number of cattle kept in camps	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(v) Qty. of fodder(qtls.) supplied in camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(iii)	Water supply in Cattle Camps														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of Tanker load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of cattle camps and cattle kept therein	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(iv)	Additional cost of medicines and vaccine (calamity related requirements)														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(v)	Supply of fodder outside Cattle Camps														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total qty. of fodder transported (Qtls)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(vi)	Movement of useful cattle to other areas														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of cattle moved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Assistance to Fishermen														
(a)	For repair/replacement of boats, nets (damaged or lost)														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0.76
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(b)	Input Subsidy for fish seed farm														
	(i) As per SDRF/NDRF norms	0	0	8.534	0	0	0	0	0	0	0	0	0	0	29.969
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total eligible area (ha.)	0	0	85.34	0	0	0	0	0	0	0	0	0	0	299.69
	(iv) No. of fish farmers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Assistance to artisans in handicrafts/handloom sectors by way of subsidy for repair/replacement of damaged equipments														
(a)	Traditional Crafts (Handicraft)														
(i)	For replacement of damaged tools / equipments														

	(i) As per SDRF/NDRF norms	0	0	0.900	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of equipments	0	0	18	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of beneficiaries	0	0	18	0	0	0	0	0	0	0	0	0	0	0
(ii)	For loss of raw materials / goods in process/ finished goods														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Qty. of materials (Qtls.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(b)	For Handloom Weavers														
(i)	Repairs/replacement of loom equipments and accessories														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of equipments/ accessories	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(ii)	Purchase of yarn and other materials like dyes and chemicals and finished stocks														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Qty. of materials (Qtls.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) No. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Assistance for repair/ restoration of damaged houses														
(a)	Fully damaged/ destroyed Pucca houses														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	1.30
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Number	0	0	0	0	0	0	0	0	0	0	0	0	0	20
(b)	Fully damaged/ destroyed Kutcha houses														
	(i) As per SDRF/NDRF norms	0	0	102.000	0	0	65.980	0	1605.60	0	0	0	0	0	15.72
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Number	0	0	85	0	0	59	0	1338	0	0	0	0	0	393
(c)	Severely damaged houses														
(i)	Severely damaged Pucca houses														
	(i) As per SDRF/NDRF norms	0	0	37.20	0	0	0	0	0	0	0	0	0	0	33.600
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Number	0	0	31	0	0	0	0	0	0	0	0	0	0	28

(ii)	Severely damagedKutcha houses														
	(i) As per SDRF/NDRF norms	0	0	103.20			102.400	0	14.855	0	0	0	0	0	18.00
	(ii) Outside the norms	0	0	0			0	0	0	0	0	0	0	0	0
	(iii) Number	0	0	86			86	0	13	0	0	0	0	0	15
(d)	Partially damaged houses (both pucca and kutcha)														
	(i) As per SDRF/NDRF norms	0	0	488.561	0	0	226.565		94.860	0	0	0	0	0	95.00
	(ii) Outside the norms	0	0	0	0	0	0		0	0	0	0	0	0	0
	(iii) Number	0	0	4653	0	0	4269		2392	0	0	0	0	0	2375
(e)	Huts damaged/ destroyed														
	(i) As per SDRF/NDRF norms	0	0	64.069	0	0	12.88		0.12	0	0	0	0	0	0.730
	(ii) Outside the norms	0	0	0	0	0	0		0	0	0	0	0	0	0
	(iii) Number	0	0	685	0	0	112		3	0	0	0	0	0	25
11	Provision of emergency supply of drinking water in rural areas and urban areas														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total Qty. of water supplied (No. of Tankers load)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

12	(i) Provisions of medicines, disinfectants, insecticides for prevention of outbreak of epidemics	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) No. of beneficiaries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	(i) Medical care for cattle and poultry against epidemics as a sequel to a notified natural calamity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Total No. of cattle & poultry benefited	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	(i) Evacuation of people affected/ likely to be affected	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) No. of people evacuated	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Average cost/person	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Hiring of boats for carrying immediate relief and saving life														
	(i) No. of boat days	0	0	34.08	0	0	0	0	0	0	0	0	0	0	0
	(ii) Average hiring cost per boat/day	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Provisions for temporary accommodation, food, clothing, medical care etc. of people affected/ evacuated (operation of relief camps)														
	(i) As per SDRF/NDRF norms	0	0	4.10	0	0			0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of persons provided shelters	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(iv) No. of relief camps opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(v) Average cost per person/per day	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Air dropping of essential supplies														
	(i) No. of sorties	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Quantity(in MTs) dropped	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Repair/restoration of immediate nature of the damaged infrastructure in eligible sectors														
(a)	Roads & Bridges														
	(i) As per SDRF/NDRF norms	0	0	12671.27	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Cumulative length of roads repaired (in KMs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(b)	Drinking water supply														
	(i) As per SDRF/NDRF norms	0	0	2.10	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of schemes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(c)	Irrigation														
	(i) As per SDRF/NDRF norms	0	0	33.29	0	0	0	48.79	0	0	0	0	0	0	0

	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) Total no. of schemes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(d)	Power supply (only limited to immediate restoration of electricity supply in the affected areas)														
	(i) As per SDRF/NDRF norms	0	0	9776.515	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(e)	Primary Education														
	(i) As per SDRF/NDRF norms	0	0	4213.25	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of primary school buildings repaired	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(f)	Primary Health Centre														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iii) No. of Primary Health Centres buildings repaired	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(g)	Community assets owned by Panchayats														
	(i) As per SDRF/NDRF norms	0	0	4474.50	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(iii) No. of community assets repaired	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Replacement of damaged medical equipments and lost medicines of Govt.Hospitals/ Health centres	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Operational cost (of POL only) for Ambulance Service, Mobile Medical Teams and Temporary Dispensaries														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Cost of clearance of debris														
	(i) As per SDRF/NDRF norms	0	0	1064.6253	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Draining off flood water in affected areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Cost of search and rescue measures														
	(i) As per SDRF/NDRF norms	0	0	101.54	0	0	0	0	0	0	0	0	0	0	192.22
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Disposal of dead bodies/ carcasses														
	(i) As per SDRF/NDRF norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ii) Outside the norms	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(iii) Total no. of dead bodies disposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(iv) Total no. of carcasses disposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Training to specialist multi-disciplinary groups/ teams of the State personnel drawn from different cadres/ services/ personnel involved in management of disaster in the State														
	(i) No. of training organized	0	0	528.00	0.00	0.00	615.00	124.00	0	0	0	0	0	0	91.50
	(ii) No. of persons trained	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Procurement of essential Search, Rescue and Evacuation equipments including Communication equipments														
	Cost of equipments procured	0	0	1417.791	0	0	10218.049	8814.210	0	0	0	0	0	0	2837.56
	TOTAL	0.000	0.000	71590.032	0.000	0.000	12131.758	9310.449	2020.976	4.000	351.422	0.000	0.000	4.000	13998.459

CHAPTER – VII

State Disaster Mitigation Fund (SDMF)

The Disaster Management Act, 2005 defines mitigation as 'measures aimed at reducing the risk, impact or effects of a disaster or threatening disaster situation'. As per the recommendation of 15th Finance Commission, under the section 48 (1) (c) of the DM Act, 2005, the State Disaster Mitigation Fund (SDMF) has been constituted by Government of Odisha on 04.10.2021. This fund is created exclusively for the purpose of mitigation projects in respect of disasters covered under the State Disaster Response Fund (SDRF) / National Disaster Response Fund (NDRF) Guidelines and the State specific local disasters notified by the State Government.

As per the Guidelines on Constitution and Administration of State Disaster Mitigation Fund (SDMF), mitigation project proposals have been sought for from various departments under Structural and Non Structural Measures.

Expenditure made out of SDMF during 2024-25

Sl No.	Department	Project Name	Expenditure incurred out of SDMF (Rs. in Crore)	Name of the Calamity
1	Forest Env. & CC	2nd year maintenance of the Cyclone Resilient Casuarina Plantation in 15 Ha Coastal Area of Puri WL Division	0.646	Cyclone
		2nd year maintenance of the Cyclone Resilient Casuarina Plantation in 145 Ha Area adjoining Bay of Bengal under Chilika WL Division	0.130	Cyclone
		Deployment of 8 nos. of Early Fire Warning and Detection System (4 in Satakosia TR, 1 each in Debrigarh, Dhenkanal, Angul & Similipal South)	6.500	Fire
2	Rural Development	Strengthening of 15 nos. of lifeline roads in Coastal areas of Puri and Bhadrak vulnerable to Flood	54.353	Flood
		Construction / Strengthening of 25 nos. of Flood Resilient roads in 9 Districts	25.000	Flood
		Landslide protection work from Ramagiri to Badagaon Road (5.52 KM) of R. Udayagiri Block, Gajapati District	1.800	Landslide
3	Water Resources	Construction of Storm Water Drain in Sayedpur under Binjharpur Block of Jajpur District in Brahmani-Baitarani DOAB No. XIV	1.500	Flood
		Improvement of drainage system of Kanjia and Kiakani lakes to prevent flooding in Nandankanan and adjoining area	6.000	Flood
4	Works	Construction of Flood Resilient Roads in Kendrapara, Bhadrak, Subarnapur and Kalahandi District	19.314	Flood
TOTAL			115.242	