



Flood Bulletin, 2023

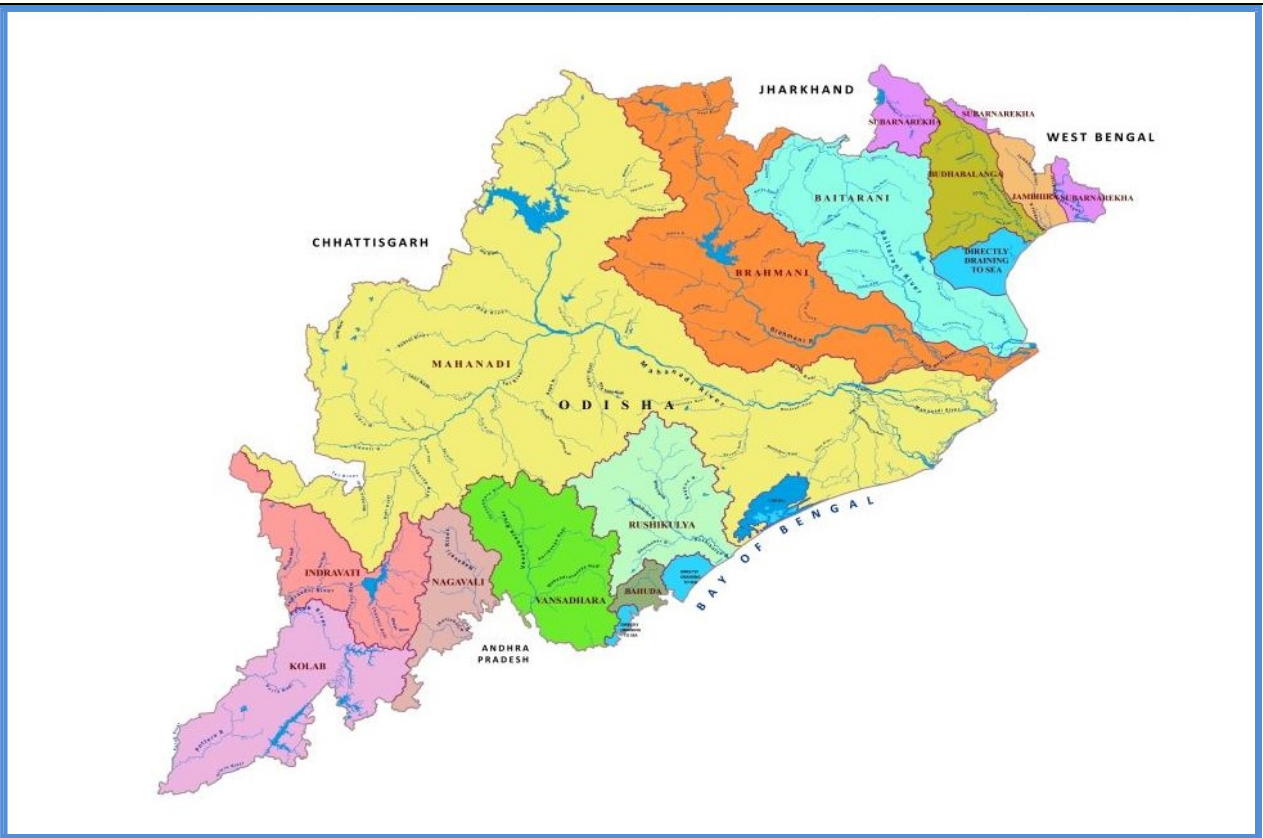
Government of Odisha

Department of Water Resources

Volume No.83

Date: 22.08.2023

Time: 14:00Hr



Contents

- Status of River Gauge
- Status of Reservoirs
- IMD Weather Bulletin
- River Discharge
- Rainfall Situation
- IMD Forecast

Flood Cell

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Status of Gauge (in m)

Name of River	Gauge Site	Danger Level (DL)	Warning Level	Time (Hrs)	Present Level	Trend	(wrt DL)	Highest Recorded Level	
								Level	Date
Mahanadi	Khairmal	109.0	108.0	12:00	101.71	F	-7.29	108.31	19.09.08
	Tikarpara	-	-	12:00	58.05	F	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	23.15	F	-3.26	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	3.52	S	-7.24	11.60	31.08.82
Devi	Alipingala	11.76	10.85	12:00	3.78	S	-7.98	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	172.24	F	-6.18	181.44	24.09.11
	Rengali	88.0	-	12:00	78.04	F	-9.96	92.25	18.08.75
	Talcher	62.91	-	12:00	54.94	R	-7.97	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	19.25	S	-3.75	24.78	20.08.75
	Indupur	8.23	-	12:00	4.47	F	-3.76	-	-
Baitarani	Champua	376.41	375.33	12:00	372.16	R	-4.25	379.06	23.09.11
	Swampatna	311.1	-	12:00	306.25	F	-4.85	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	34.4	F	-3.96	41.80	19.08.75
	Akhuapada	18.33	17.83	12:00	16.9	S	-1.43	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.66	S	-	85.80	09.11.95
	Baripada	30.92	29.7	12:00	21.94	S	-8.98	37.20	12.10.73
	Balimundali	-	-	12:00	36.7	S	-	42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	2.36	F	-5.77	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	116.4	S	-7.10	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	44.98	F	-4.18	56.91	03.09.78
	Rajghat	10.36	9.45	12:00	6.46	F	-3.90	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.50	6.0	12:00	3.5	S	-3.00	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	12:00	77.71	F	-4.28	83.21	04.11.90
	Madhabarida	60.65	-	12:00	56.18	S	-4.47	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	12.07	S	-4.77	19.60	04.11.90
Vansadhara	Gudari	-	-	12:00	114.13	S	-	121.82	17.09.80
	Gunupur	84.0	83.0	12:00	80.48	S	-3.52	88.75	17.09.80
	Kashinagar	54.6	53.6	12:00	52.51	F	-2.09	58.93	18.09.80

Status of Major Reservoirs

Name of the Reservoir	Dead Storage Level	FRL/ MWL	Reservoir Level	LS Available/ Live Storage Capacity (%)	Last Year (2022) Live Storage Avl (%) / R.L	Inflow	Total Outflow	Gates Open (Nos)/ Trend
1.Hirakud 12:00Hr	590.0 ft	630.0ft	618.73 ft	<u>2822.0 Mcum</u> 4822.83Mcum (58.5%)	<u>71.5%</u> 622.8 ft	1,24,742.0 Cusec	34,170.0 Cusec	0/98 Rising
2.Rengali 09:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	117.39m.	<u>150511.0 Ham</u> 341371.0 Ham (44.1%)	<u>90.6%</u> 122.5 m	851.52 Cumec	733.72 Cumec	0/27 Rising
3.U. Indravati 09:00Hr	625.0 m	<u>642 m</u> 643 m	631.35 m.	<u>43804.0 Ham</u> 148550.0 Ham (29.5%)	<u>81.0%</u> 639.7 m	70.11 Cumec	70.11 Cumec	0/12 Constant
4.UpperKolab 08:00Hr	844.0 m	858.0 m	851.49 m.	<u>388.24 Mcum</u> 935.0 Mcum (41.5%)	<u>44.7%</u> 851.9 m	48.44 Cumec	39.77 Cumec	0/11 Rising
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1471.70 ft	<u>79630.0 Ham</u> 267600.0 Ham (29.8%)	<u>29.8%</u> 1471.7 ft	6125.0 Cusec	6159.24 Cusec	0/12 Falling
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2713.25 ft	<u>21545.0Ham</u> 89254.7 Ham (24.1%)	<u>33.5%</u> 2720.0 ft	1187.0 Cusec	1610.0 Cusec	2/12 Falling
7.Salandi 06:00 Hr	50.24 m	<u>82.3 m</u> 83.21m	77.22 m.	<u>39961.0 Ham</u> 55650.0 Ham (71.8%)	<u>81.0%</u> 78.9 m	25.69 Cumec	46.34 Cumec	2/11 Falling
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	262.91 m.	<u>25064.10 Ham</u> 31425.2Ham (79.8%)	<u>76.5%</u> 262.6 m	13.81 Cumec	29.84 Cumec	0/9 Falling

Note: Total Outflow consists of Irrigation, Spillway, Sluice, Power generation, Industrial & other supply and Evaporation loss *U Indravati-7 gates, Muran Dam-5 gates (Total-12 Nos)

Average Inflow into & Outflow from Reservoir

Reservoir	Inflow	Outflow	Observation Period
Hirakud	1,35,906.0 Cusec	39,375.0 Cusec	During last 24 Hrs ending 08:00Hrs of 22.08.2023
Rengali	1243.01 Cumec	731.40 Cumec	During last 24 Hrs ending 06:00Hrs of 22.08.2023

Travel Time of Flow in Mahanadi River

Hirakud Dam	115 km	Khairmal	106 km	Barmul	95 km	Mundali
	12-18 Hrs		12-16 Hrs		12-16 Hrs	

River Discharge

Name of the River	G&D Site	Time (Hrs)	Discharge (cusec)
Mahanadi (Up Stream Hirakud)	Champa	12:00	23,200
	Tarapur	12:00	BG
	Saradihi	12:00	99,448
	Kalma	09:00	NR
	Deogaon	12:00	3,610
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	86,000
	Barmul	12:00	93,000
	Mundali	12:00	1,21,534
Tel	Patharla	12:00	40,934
Baitarani	NH-5 Akhuapada	08:00	NR
Brahmani	Pankapal	08:00	31,407
Subarnarekha	Rajghat	08:00	34,461
Rushikulya	Purusottampur	09:00	1,418

Status of Medium Reservoir

Sl.	Name of Dam / Reservoir	Available Live Storage (%) (Gates Open)	Sl.	Name of Dam / Reservoir	Available Live Storage (%) (Gates Open)	Sl.	Name of Dam / Reservoir	Available Live Storage (%) (Gates Open)
1.	Badanalla	46.7%	17.	Harabhangi	27.9%	33.	Ret	89.4%
2.	Baghalati	58.4%	18.	Harihorjore	97.8%	34.	Rukura	71.7%
3.	Baghua	18.8%	19.	Jambira*	3.4%	35.	Saipala	55.3%
4.	Bankabahal	70.7%	20.	Jharbandh*	74.7%	36.	Salia*	47.6%
5.	Bhanjanagar	72.5%	21.	Kalo	83.5%	37.	Sapua*	67.8%
6.	Bhaskel*	35.6%	22.	Kanjhari	80.3%	38.	Saraphgarh	48.5%
7.	Budhabudhiani	59.7%	23.	Kansabahal	79.9%	39.	Satiguda*	85.7%
8.	Dadarghati*	44.6%	24.	Khadkhai	67.5%	40.	Soroda*	33.7%
9.	Daha	28.9%	25.	Kuanria	50.5%	41.	Sunder	51.8%
10.	Deo	80.2% (3)	26.	Mandira	22.8% (5)	42.	Sunei	73.7%
11.	Derjang	77.9%	27.	Manjore	75.8%	43.	Talsara	79.9%
12.	Dhanei*	35.7%	28.	Nesa*	67.3%	44.	Telengiri	67.7%
13.	Dumerbahal	89.3%	29.	Pilasalki*	100%	45.	Titlagarh	34.8%
14.	Ghodahada	42.0%	30.	Pitamahal*	100%	46.	Upper Jonk	78.6%
15.	Gohira	83.7%	31.	Ramial	79.8%	47.	Upper Suktel*	68.5%
16.	Haladia	18.9%	32.	Remal	81.9%			

Note: *Un-gated Dams (13 Nos.)

Above 75%

Above 90%

Medium Reservoir: 47 Nos

(Gated-32, Un-Gated-13),

Below 50%: 15 Nos., Between 50% to 75%: 15 Nos., Above 75%: 17 Nos.

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (22.08.2023)

No. of Gates Open/Total Gates:

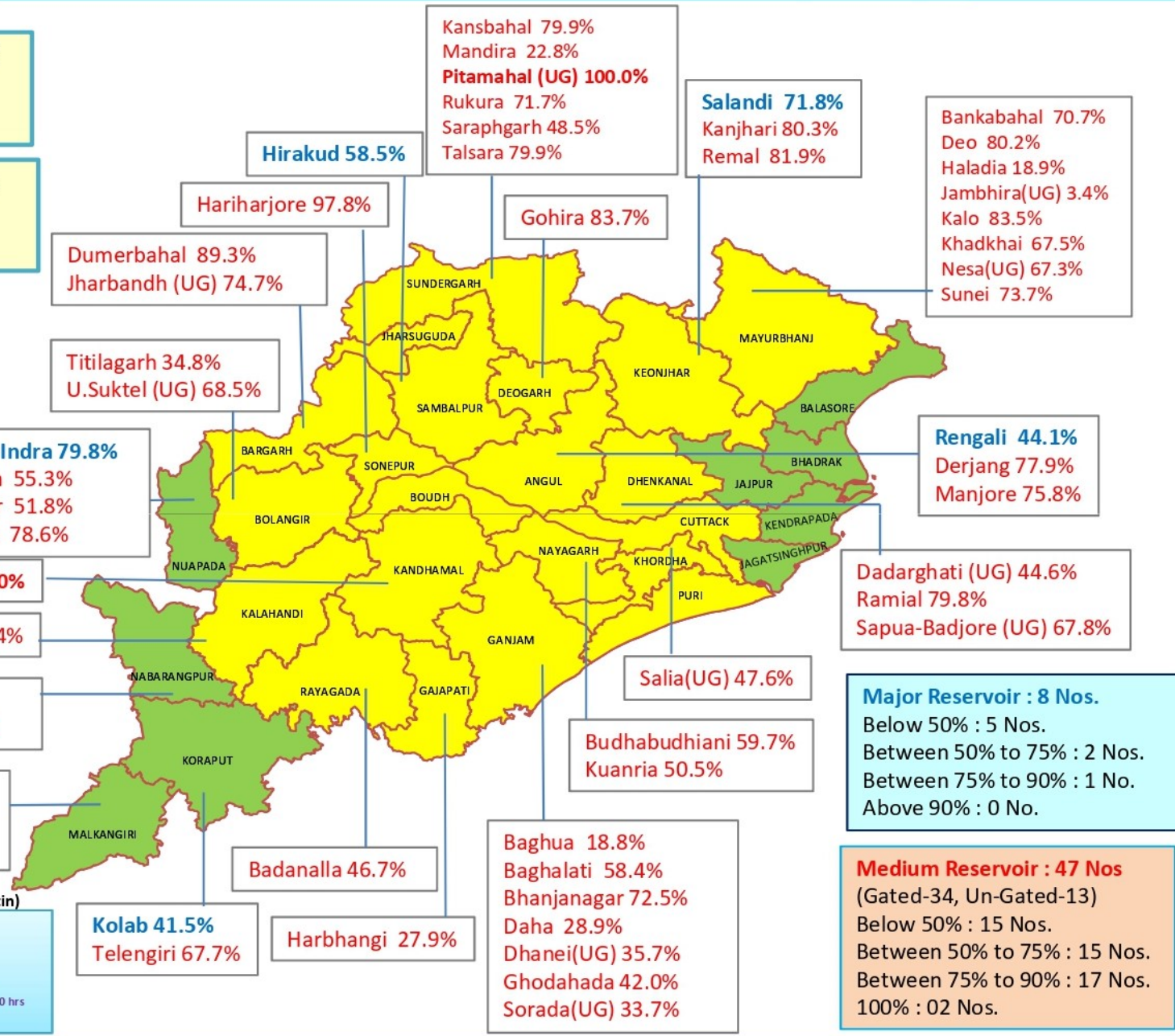
Major

1. Jalaput – 02/12
2. Salandi – 02/11

No. of Gates Open/Total Gates:

Medium

1. Deo- 03/07
2. Mandira – 05/13



Major Reservoir : 8 Nos.
 Below 50% : 5 Nos.
 Between 50% to 75% : 2 Nos.
 Between 75% to 90% : 1 No.
 Above 90% : 0 No.

Medium Reservoir : 47 Nos
 (Gated-34, Un-Gated-13)
 Below 50% : 15 Nos.
 Between 50% to 75% : 15 Nos.
 Between 75% to 90% : 17 Nos.
 100% : 02 Nos.

Source IMD-22.08.23 (Mid Day Bulletin)

■	No Warning
■	Heavy Rainfall
■	Very Heavy Rainfall
■	Extremely Heavy Rainfall
■	Thunderstorm with Lightning & Rainfall

(Valid from 13:30 hrs IST of 22.08.2023 to 08:30 hrs of IST 23.08.2023)

MAJOR & MEDIUM RESERVOIRS , G & D SITES IN ODISHA



Legend

- ◆ Chhattisgarh Barrage
- Location Points
- CWC River Gauge
- ◆ Gauge Discharge
- ▲ Weir/Barrage
- Major IP
- Medium IP
- ▭ Odisha Boundary
- ▬ River
- Bahuda
- Baitarani
- Brahmani
- Budhabalanga
- Chilika
- Directly Draining to Sea
- Indravati
- Jambhira
- Kolab
- Mahanadi
- Nagavali
- Rushikulya
- Subarnarekha
- Vansadhara

भारत सरकार
भारत मौसम विज्ञान विभाग
(पृथ्वी विज्ञान मंत्रालय)
पता : मौसम विज्ञान केन्द्र, भुवनेश्वर
फोन न. २५९६०१० &
२५९६११६
फैक्स न. २५९६०१० &
२५९६०९३



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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Ref No: FM/HM Bulletin/83

Dated: 22/08/2023
Time of Issue: 1300 hrs IST

HYDROMET BULLETIN

1) Synoptic Situation

The Monsoon Trough at mean sea level now passes through Amritsar, Karnal, Meerut, Lucknow, Gaya, Malda and thence eastwards to Nagaland across Assam.

a) River Sub-basin-wise Quantitative Precipitation Forecast (QPF)

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (22.08.23)	Day-2 (23.08.23)	Day-3 (24.08.23)	Day-4 (25.08.23)	Day-5 (26.08.23)	Day-6 (27.08.23)	Day-7 (28.08.23)
1	BAITRANI	BT	11-25	11-25	11-25	11-25	0.1-10	0.1-10	0.1-10
2	LOWER BRAHMANI	LB	0.1-10	11-25	26-37	11-25	0.1-10	0.1-10	0.1-10
3	UPPER BRAHMANI	UB	11-25	11-25	11-25	11-25	0.1-10	0.1-10	0.1-10
4	BHURABALANG	BB	0.1-10	11-25	11-25	11-25	11-25	0.1-10	0.1-10
5	LOWER MAHANADI	LM	0.1-10	11-25	11-25	0.1-10	0.1-10	0.1-10	0.1-10
6	NAGAVALI	NV	11-25	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
7	RUSHIKULIYA	RK	0.1-10	11-25	11-25	0.1-10	0.1-10	0.1-10	0.1-10
8	SUBERNAREKHA	SR	0.1-10	11-25	11-25	11-25	11-25	0.1-10	0.1-10
9	UPPER MAHANADI	UM	11-25	11-25	11-25	0.1-10	0.1-10	0.1-10	0.1-10
10	VAMSDHARA	VD	11-25	0.1-10	11-25	0.1-10	0.1-10	0.1-10	0.1-10

PF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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2b) River Sub-basin-wise Intensity and Distribution of QPF

S. No	Basin Name	Sub-basin Name	Intensity (I) and Spatial Distribution (D)													
			Day-1 (22.08.23)		Day-2 (23.08.23)		Day-3 (24.08.23)		Day-4 (25.08.23)		Day-5 (26.08.23)		Day-6 (27.08.23)		Day-7 (28.08.23)	
			I	D	I	D	I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	M	FWS	M	FWS	M	WS	M	FWS	L	FWS	L	SCT	L	SCT
2	LOWER BRAHMANI	LB	L	FWS	M	FWS	M	WS	M	FWS	L	FWS	L	SCT	L	SCT
3	UPPER BRAHMANI	UB	M	FWS	M	FWS	M	WS	M	FWS	L	SCT	L	SCT	L	SCT
4	BHURABALANG	BB	L	SCT	M	FWS	M	FWS	M	FWS	M	FWS	L	SCT	L	SCT
5	LOWER MAHANADI	LM	L	SCT	M	FWS	M	FWS	L	FWS	L	SCT	L	SCT	L	SCT
6	NAGAVALI	NV	M	FWS	L	SCT	L	FWS	L	SCT	L	FWS	L	SCT	L	SCT
7	RUSHIKULIYA	RK	L	SCT	M	FWS	M	FWS	L	FWS	L	FWS	L	SCT	L	SCT
8	SUBERNAREKHA	SR	L	SCT	M	FWS	M	FWS	M	FWS	M	FWS	L	SCT	L	SCT
9	UPPER MAHANADI	UM	M	FWS	M	FWS	M	FWS	L	FWS	L	SCT	L	SCT	L	SCT
10	VAMSDHARANG	VD	M	FWS	L	SCT	M	FWS	L	FWS	L	FWS	L	SCT	L	SCT

Spatial Distribution			Intensity					
DRY	Dry	No station reported rainfall	M.Dry	NIL	0 cm	VL	Very Light Rainfall	Trace
ISOL	One or two places	25% or less number of stations recorded rainfall 2.5 mm	L	Light Rainfall	Upto 1 cm	M	Moderate Rainfall	2-6 cm
SCT	At a few places	26%-50% number of stations recorded rainfall 2.5 mm	H	Heavy Rainfall	7-11 cm	VH	Very Heavy rainfall	12-20 cm
FWS	At many places	51%-75% number of stations recorded rainfall 2.5 mm	EH	Extremely Heavy Rainfall	21 cm or more			
WS	At most places	76%-100% number of stations recorded rainfall 2.5 mm	ExH	Exceptionally Heavy Rainfall	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm.			

3) River Sub-basin-wise Heavy Rainfall Warning

S. No	Basin Name	Sub-basin Name	Day-1 (22.08.23)		Day-2 (23.08.23)		Day-3 (24.08.23)		Day-4 (25.08.23)		Day-5 (26.08.23)		Day-6 (27.08.23)		Day-7 (28.08.23)	
			I	D	I	D	I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	H	ISOL	H	ISOL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
2	LOWER BRAHMANI	LB	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	UPPER BRAHMANI	UB	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
4	BHURABALAN G	BB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
5	LOWER MAHANADI	LM	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
6	NAGAVALI	NV	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
7	RUSHIKULIYA	RK	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
8	SUBERNAREK HA	SR	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
9	UPPER MAHANADI	UM	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
10	VAMSDHARA	VD	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Spatial Distribution			Intensity					
DRY	Dry	No station reported rainfall	M.Dry	NIL	0 cm	VL	Very Light Rainfall	Trace
ISOL	One or two places	25% or less number of stations recorded rainfall 2.5 mm	L	Light Rainfall	Upto 1 cm	M	Moderate Rainfall	2-6 cm
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FWS	At many places	51%-75% number of stations recorded rainfall 2.5 mm	EH	Extremely Heavy Rainfall	21 cm or more			
WS	At most places	76%-100% number of stations recorded rainfall 2.5 mm	ExH	Exceptionally Heavy Rainfall	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm.			

4) River Sub-basin-wise Probabilistic QPF

Basin Name	Sub-basin Name	QPF Probability (%)																																									
		Day-1 (22.08.2023) (QPF categories)					Day-2 (23.08.2023) (QPF categories)					Day-3 (24.08.2023) (QPF categories)					Day-4 (25.08.2023) (QPF categories)					Day-5 (26.08.2023) (QPF categories)					Day-6 (27.08.2023) (QPF categories)					Day-7 (28.08.2023) (QPF categories)											
		0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100
BAITRANI	B T																																										
LOWER BRAHMANI	L B																																										
UPPER BRAHMANI	U B																																										
BHURABALANG	B B																																										
LOWER MAHANADI	L M																																										
NAGAVALI	N V																																										
RUSHIKULIYA	R K																																										
SUBERNAREKHA	S R																																										
UPPER MAHANADI	U M																																										
VAMSDHARA	V D																																										



5) Station-wise significant rainfall recorded at 0830 hrs IST of today

S. NO.	NAME OF SUB-BASIN	NAME OF STATION AND RAINFALL (≥ 5 CM.)
	LOWER MAHANADI	Kantapada(79),Alipingal(76),Astaranga(63),Jagatsinghpur(Pto)(58.2),Satyabadi(52),Gop(45)
	NAGAVALI	Salur(89.6)Jiyyammavalasa(69.2)
	UPPER MAHANADI	Nawapara(66.4)
	VAMSDHARA	Kashinagar(87)

6) River Sub-basin-wise observed Average Areal Precipitation (AAP) of today

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	2.6
2	LOWER BRAHMANI	LB	2.7
3	UPPER BRAHMANI	UB	2.0
4	BHURABALANG	BB	2.2
5	LOWER MAHANADI	LM	4.7
6	NAGAVALI	NV	16.8
7	RUSHIKULIYA	RK	3.1
8	SUBERNAREKHA	SR	1.2
9	UPPER MAHANADI	UM	1.4
10	VAMSDHARA	VD	7.4

(DUTY OFFICER)
for Scientist-F & Head
FLOOD MET.OFFICE
M.C Bhubaneswar

RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:-22.08.2023

SI No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	0.0
2	ANDHIARKHOR	2.8
3	BAIKUNTHAPUR	0.0
4	BAMNIDIHI	0.0
5	BANGODAM	0.0
6	BARAGAON	0.0
7	BASANTAPUR	0.0
8	BORANDA	0.0
9	DEOGAON (IRRI)	2.0
10	DEOGAON (CWC)	0.0
11	DHARAMJAYGARH	0.0
12	GHATORA	0.0
13	HEMGIRI	0.0
14	JAMADARPALLI	5.0
15	JAMANKIRA	6.4
16	JHARSUGUDA (IMD)	2.2
17	KORBA	0.0
18	KUCHINDA	0.0
19	KURUBHATTA	0.0
20	KELO	0.0
21	MANENDRAGARH	0.0
22	MAHULPALI	0.0
23	NAWAPARA	66.4
24	LAIKERA	17.6
25	Gundardehi	0.0
26	Doundi	0.0
27	Gurur	0.0
28	DONDILOHARA	0.0
29	BALOD	0.0
30	PALLARI/PALARI	0.0
31	BALODA BAZAR	0.0
32	Kasdole	0.0
33	Bilaigarh	0.0
34	Bhatapara	0.0
35	Darbha	9.4
36	Saja	2.8
37	Berla	0.0
38	Nawagarh	0.8
39	Than Khamaria	3.0
40	BEMETARA	0.7
41	Masturi	0.0
42	Bilha	0.0
43	Kota	0.0
44	Takhatpur	0.0
45	BILASPUR	0.0
46	Kurud	0.0
47	Nagari	0.0
48	Magarlod	0.0
49	DHAMTARI	0.0
50	Patan	0.0
51	Dhamdha	0.0
52	DURG	0.0
53	DEOBHOG	0.0
54	GARIABUND	1.7
55	Chhura	0.2
56	Mainpur	0.0
57	Akaltara	0.0
58	Pamgarh	0.0
59	Baloda	0.0
60	Jaijaipur	0.0
61	Malkharoda	0.0
62	Dhabhara	0.0
63	SAKTI	0.0
64	JANJGIR	0.0
65	CHAMPA	0.0
66	Manora	0.0
67	Bagicha	0.0
68	Duldula	0.0
69	Kunkuri	0.0
70	Kansabel	0.0
71	Tapkara	0.7

SI No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	1.6
73	JASHPURNAGAR	0.0
74	Bodla	0.0
75	Sahaspurlohara	3.8
76	Pandaria	0.0
77	KAWARDHA	1.0
78	Charama	0.0
79	Nerharpur	0.0
80	Poudi Uparora	0.0
81	Kartala	0.0
82	PALI	0.0
83	KATGHORA	0.0
84	Sonhat	0.0
85	Khadgava	0.0
86	Pithora	0.0
87	Bagbahara	0.1
88	Basana	0.0
89	MAHASAMUND	0.0
90	SARAI PALI	0.0
91	Patharia	0.0
92	Lormi	0.0
93	MUNGELI	0.0
94	Kharsiya	2.0
95	Lailunga	0.0
96	Pusaur	0.0
97	Baramkela	0.0
98	Tamnar	0.0
99	SARANGARH	0.0
100	RAIGARH	0.0
101	GHARGHODA	0.0
102	MANA-RAIPUR-AP	0.0
103	ARANG	0.0
104	Tilda	0.0
105	Abhanpur	0.0
106	Chhui khadan	0.9
107	Khairagarh	0.0
108	Chhuria	0.0
109	RAJNANDGAON	0.0
110	DONGARGARH	0.0
111	DONGARGAON	0.0
112	GANDAI	4.0
113	AMBAGARH CHOWKI	0.0
114	Premnagar	0.0
115	Ramanujnagar	0.0
116	Batoli	0.0
117	Sitapur	0.0
118	Lundra	0.0
119	KOLABIRA	2.0
120	PARMANPUR	0.6
121	PENDRA RD (CWC)	0.0
122	RAIPUR(IMD)	0.0
123	RAIPUR (CWC)	0.0
124	RAJIM	0.0
125	RAMPUR	0.0
126	SANKARA	0.0
127	SEORINARAYAN	0.4
128	SIMGA	0.0
129	SUNDERGARH (IMD)	0.0
130	SUND-RH (CWC)	0.0
131	SURAJGARH	0.0
132	THETTANG	1.0
133	GOPALPUR	0.0
134	ZONDRA	0.0
135	BALISANKRA	0.0
136	BAMRA	19.8
137	LEPHRIPARA	0.0
138	KUTRA	0.0
139	TANGARPALI	0.0
140	KIRMIRA	25.0
141	LAKHANPUR	0.0

SI No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	52.0
2	DERABIS	9.0
3	JHARBANDH	6.0
4	GAISILETE	30.0
5	PHIRINGIA	0.0
6	ALIPINGAL	76.0
7	ARMPUR	0.0
8	ATHAGARH	0.0
9	ATHAMALIK	0.0
10	BALIGUDA	0.0
11	BANPUR	0.0
12	BARGARH	0.0
13	BARMUL	0.0
14	BELGAON	0.0
15	BHAWANIPATNA(IMD)	5.6
16	BHUBANESWAR (IMD)	20.4
17	BIJEPUR	6.0
18	BINIKA	0.0
19	BOLANGIR (IMD)	23.0
20	BOUDA GARH	0.0
21	BURLA (CWC)	0.0
22	BURLA (IRRI)	3.4
23	CUTTACK (IMD)	4.0
24	CHILIKA	0.0
25	DASHPALLA	0.0
26	DUNGURIPALI	0.0
27	GOP	45.0
28	HARABHANGA	0.0
29	HIRAKUD (IMD)	12.2
30	JAIPATNA	0.0
31	JUNAGARH	0.0
32	KAKATPUR	4.0
33	KALINGA	0.0
34	KANAS	0.0
35	KANTAMAL (BDO)	0.0
36	KANTAMAL (CWC)	0.0
37	KENDRAPARA	9.0
38	KENDRAPARA (PTO)	3.0
39	KESINGA	19.2
40	KHANDAPADA* (BDO)	0.0
41	KHANDAPADA (CWC)	0.0
42	KHARIAR	2.4
43	KHAIRMAL (IRR)	0.0
44	KHAIRAMAL (CWC)	0.0
45	KOMNA	0.0
46	M. RAMPUR	0.0
47	MUNDALI	0.0
48	NARAJ	0.0
49	NARASINGHPUR	0.0
50	NAYAGARH	0.0
51	NIMAPARA	25.6
52	PADAMPUR	0.0
53	PADMABATI	0.0
54	PAIKAMAL	0.0
55	PARADEEP (IMD)	0.8
56	G.UDAYGIRI	0.0
57	PATNA GARH	0.0
58	PATAMUNDAI	4.0
59	PHULBANI (IMD)	1.4
60	PHULBANI (CWC)	4.4
61	PIPLI	27.0
62	PURI (IMD)	2.0
63	RAIRAKHOL	0.0
64	R.K NAGAR	0.0
65	RANPUR	0.0
66	SALBHATTA	0.0
67	SAMBALPUR (IMD)	0.0
68	SOHELA	0.0
69	SONEPUR	0.0
70	TANGI	9.0
71	TIKABALI	0.0

SI No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
72	TIKARAPARA	1.0
73	TITLA GARH (IMD)	2.4
74	KOKSARA	0.0
75	TUREIKELA	0.0
76	KALAMPUR	0.0
77	SINAPALI	7.6
78	BODEN	0.0
79	LOISINGHA	1.0
80	TIRTOL	0.0
81	SAINTALA	7.0
82	NARLA	0.0
83	AGALPUR	0.0
84	RAIKIA	0.0
85	B.M.PUR	0.0
86	BARPALI	0.0
87	ATTABIRA	0.0
88	BHATALI	0.0
89	TH. RAMPUR	0.0
90	GUDVELA	15.6
91	DEOGAON	3.0
92	BANGAMUNDA	0.0
93	BIRIDI	41.2
94	NAUGAON	3.0
95	GOLAMUNDA	0.0
96	CHAKAPAD	0.0
97	KHAJURIPADA	10.6
98	MOHAKALAPADA	10.0
99	JATNI	0.0
100	BEGUNIA	0.0
101	BHAPUR	0.0
102	DHANKAUDA	4.2
103	JAGATSingHPUR(PTO)	58.2
104	KHORDHA(PTO)	4.0
105	CHANDAHANDI	0.0
106	JHORIGAM	0.0
107	DHARMAGARH	25.0
108	BELPADA	0.0
109	KHAPRAKHOL	3.0
110	TARVA	0.0
111	K NUAGAON	0.0
112	JUJUMURA	9.4
113	ULLUNDA	0.0
114	KARLAMUNDA	0.0
115	BOLAGARH	0.0
116	GANIA	0.0
117	BANKI	0.0
118	TIGIRIA	6.0
119	ASTARANGA	63.0
120	BRAHMAGIRI	0.0
121	KRISHNAPRASAD	0.0
122	KANTAPADA	79.0
123	MAHANGA	0.0
124	NIALI	17.0
125	NISCHINTAKOILI	9.0
126	SALEPUR	0.0
127	BALIKUDA	12.0
128	RAGHUNATHPUR	14.0
129	GARADAPUR	3.0
130	MARSAGHAI	0.0
131	BALIPATNA	17.0
132	KUJANGA	3.0
133	NUAUGAON	0.0
134	ODAGAON	0.0
135	BASANA	0.0
136	DEOBHOG	0.0

RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:-22.08.2023

SI No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	0.0
2	LAHUNIPARA	0.0
3	PALLAHARA	21.0
4	PANPOSH	0.0
5	RAJGANGA PUR	6.0
6	BARKOTE	9.2
7	BONAI	0.0
8	DEOGARH	0.0
9	MANDIRADAM	7.2
10	TENSA	5.4
11	LATHIKATA	0.0
12	JODA	0.0
13	GURUNDIA	0.0
14	PALKOT	0.0
15	RAIDIH	0.0
16	KURU	0.0
17	LOHARDAGA	0.0
18	MANDAR	0.0
19	KOLEBIRA	0.0
20	KURDEG	0.0
21	SIMDEGA	0.0
22	JASHPURNAGAR	0.0
23	RAURKELA(Airport)	1.0
LOWER BRAHMANI		
1	REAMAL	0.0
2	RENGALI	0.0
3	ALTUMA	0.0
4	ANGUL (IMD)	0.0
5	BATAGAON	0.0
6	CHHENDIPADA	0.0
7	DHENKANAL	0.0
8	DHENKANAL (PTO)	0.0
9	HINDOL	0.0
10	JENAPUR	0.0
11	KAMAKHYA NGR	0.0
12	NAKTIDEUL	0.0
13	SUKINDA	0.0
14	TALCHER	0.0
15	TELKOI	0.0
16	KANKADAHAD	0.0
17	JAJPUR	8.0
18	JAJPUR (PTO)	5.6
19	RAJ KANIKA	0.0
20	AUL	3.0
21	RAJNAGAR	5.0
22	BANARPAL	0.0
23	KANIHA	0.0
24	PARJANG	0.0
25	GONDIA	0.0
26	BHUBAN	0.0
27	DANAGADI	0.0
28	KOREI	0.0
29	CHANDIKHOL	7.2
30	BARI	1.2
31	BINJHARPUR	13.0

SI No	Name of Stations	Rainfall (in mm)
BAITARANI		
1	BONTH	0.0
2	AKHUAPADA	4.2
3	ANANDAPUR	0.0
4	CHAMPUA	0.0
5	CHANDBALI (IMD)	1.2
6	DAITARI	0.0
7	GHATGAON	8.4
8	JHUMPURA	0.0
9	JOSHIPUR	0.0
10	KARANJIA	0.0
11	KEON-GARH (IMD)	0.0
12	KEONJHAR (CWC)	0.2
13	SWAMPATNA	1.0
14	THAKUR-DA(BDO)	0.0
15	THAKUR-DA (CWC)	0.0
16	SAHARPADA	17.2
17	KAPTIPADA	0.0
18	HATADIHI	0.0
19	BHADRAK	4.4
20	BHANDARIPOKHARI	0.0
21	BANSPAL	1.1
22	GHASIPURA	0.0
23	SUKRULI	0.0
24	RARUANA	0.0
25	DHAMNAGAR	0.0
26	TIHIDI	2.0
27	HARICHANDANPUR	0.0
NAGAVALI		
1	K.SINGHPUR	0.0
2	RAYAGADA	0.0
3	SANKIL RD BRIDGE	NR
4	JANJHAVATI RDB	NR
5	JAGGAGUDA	NR
6	SRIKAKULAM	0.0
7	BANDHUGAN	0.0
8	SALUR	89.6
9	KOLNARA	0.0
10	Komarada	12.8
11	Jiyyammavalasa	69.2
12	Garugubilli	27.4
13	Parvathipuram	5.4
14	Bobbili	3.2
15	Therlam	42.4
16	Pusapatirega	10.4
17	Denkada	43.4
18	Vizianagaram	39.8
19	Vepada	19.4

SI No	Name of Stations	Rainfall (in mm)
RUSHIKULYA		
1	BUGUDA	11.0
2	ASKA	0.0
3	BERHAMPUR	0.0
4	BHANJANAGAR	0.0
5	CHHATRAPUR	0.0
6	DARINGIBADI	0.0
7	GOPALPUR (IMD)	0.0
8	MADHABARIDA	0.0
9	PUSOTTAMPUR	2.4
10	DIGAPAHANDI	10.0
11	JAGANNATHPRASAD	0.0
12	SORADA	0.0
13	POLASARA	0.0
14	KODALA	0.0
15	RANGEILUNDA	0.0
16	KUKUDAHANDI	16.0
17	PATRAPUR	14.6
18	SANKHEIMUNDI	27.0
19	DHARAKOTE	0.0
20	SHERAGADA	0.0
21	GANJAM	0.0
22	BELAGUNTHA	0.0
23	HINJILI	0.0
VANSADHARA		
1	AMBADOLA	0.0
2	BISSAM CUTTACK	6.4
3	GOTTA BARRAGE	6.8
4	GUDARI	0.0
5	GUNUPUR	0.0
6	KALINGA-NAM (IMD)	0.0
7	KASHINAGAR	87.0
8	KOTAGARH	2.0
9	KOTRAGUDA	0.0
10	MAHENDRAGARH	0.0
11	MOHANA	0.0
12	PARAKHEMUNDI	TR
13	R.GUDA	0.0
14	NUAGADA	0.0
15	MUNIGUDA	4.3
16	R.UDAYAGIRI	0.0
17	LANJIGARH	0.0
18	NELIAPUTY	NR
19	SIRJHOLY	NR
20	GUMMA	17.0
21	GOSANI	3.0
22	CHADRAPUR	0.0
23	Balajipeta	7.6

SI No	Name of Stations	Rainfall (in mm)
SUBERNAREKHA		
1	SARASAKANA	0.0
2	BHOGARAI	0.0
3	FEKOGHAT	0.0
4	GHATSILA	0.0
5	JALESWAR	0.0
6	JAMSEDPUR (IMD)	3.1
7	JAMSEDPUR (CWC)	0.0
8	JAMSOLAGHAT	0.0
9	RAIRANG PUR	0.0
10	RAJGHAT	0.0
11	RANCHI	0.4
12	TIRING	0.0
13	BIJATALA	0.0
14	KUSUMI	2.0
15	JAMDA	0.0
16	ARKI	0.0
17	ICAR NAMKUM	0.0
18	ORMANJHI	2.8
19	CHANDIL	0.0
20	KHARSEMA	2.4
21	NIMDIH	0.0
22	CHAIBASA	0.0
23	CHAKRADHARPUR	0.0
24	BAHALDA	0.0
BUDHABALANGA		
1	BALASORE (IMD)	0.0
2	BALASORE (CWC)	0.0
3	BALIMUNDALI	0.0
4	BANGIRIPOSHI	0.0
5	BARIPADA (IMD)	0.0
6	BARIPADA (CWC)	0.0
7	CHANDANPUR	0.0
8	JAIPUR	0.0
9	NAWANA	16.8
10	NH-5, GOVINDPUR	0.0
11	NILGIRI	0.0
12	SORO	33.0
13	BETANATI	0.0
14	UDALA	0.0
15	BAHANAGA	0.0
16	KHAIRA	0.0
17	MURUDA	0.0
18	SULIAPADA	0.0
19	G.B.NAGAR	0.0
20	REMUNA	0.0
21	SAMAKHUNTA	0.0
22	BASUDEVPUR	4.0
23	CHANDUA(KULIANA)	0.0
24	RASAGOVINDAPUR	0.0
25	OUPADA	0.0

Source:-Met Centre Bhubaneswar

BLOCKWISE RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:22.08.2023

SI No	Name of Stations	Rainfall (in mm)	SI No	Name of Stations	Rainfall (in mm)	SI No	Name of Stations	Rainfall (in mm)	SI No	Name of Stations	Rainfall (in mm)	SI No	Name of Stations	Rainfall (in mm)
1. ANGUL			8. DEOGARH			4 Madanpur Rampur 0.0			21. MALKANGIRI			27. RAYAGADA		
1	Angul	0.0	1	Barkote	9.2	5	Narla	0.0	1	Malkangiri	35.4	1	Rayagada	0.0
2	Banarpal	0.0	2	Deogarh	0.0	6	Lanjigarh	0.0	2	Mathili	1.0	2	Kolnara	0.0
3	Chhendipada	0.0	3	Realam	0.0	7	Thuamul Rampur	0.0	3	Khoirput	0.0	3	Kalyansingpur	0.0
4	Talcher	0.0	Avg 3.1			8	Dharmagarh	25.0	4	Chitrakonda (K.Gumma)	0.0	4	Kashipur	0.0
5	Kaniha	0.0	9. DHENKANAL			9	Kunuragarh	0.0	5	Korukonda	0.0	5	Gonupur	0.0
6	Athamalik	0.0	1	Dhenkanal	0.0	10	Kalampur	0.0	6	Kalimela	0.0	6	Padmapur	0.0
7	Kishorenagar	0.0	2	Gondia	0.0	11	Jayapatna	0.0	7	Podia	0.0	7	Gudari	0.0
8	Pallahara	21.0	3	Odapada	0.0	12	Kokasara	0.0	Avg 5.2			8	Ramanagada	0.0
Avg 2.6			4	Hindol	0.0	13	Golamunda	0.0	22. MAYURBHANJ			9	Bissam Cuttack	6.4
2. BALASORE			5	Kamakhyanagar	0.0	Avg 3.6			1	Samakhunta	0.0	10	Muniguda	4.3
1	Bhograi	0.0	6	Bhuban	0.0	16. KANDHAMAL			2	Badasahi	0.0	11	Chandrapur	0.0
2	Basta	0.0	7	Parjang	0.0	1	Baliguda	0.0	3	Betanati	0.0	Avg 1.0		
3	Jaleswar	0.0	8	Kankadahad	0.0	2	Chakapad	0.0	4	Morda	0.0	28. SAMBALPUR		
4	Baliapal	0.0	Avg 0.0			3	Daringibadi	0.0	5	Rasgovindapur	0.0	1	Jujumura	9.4
5	Balasure	0.0	10. GAJAPATI			4	G.Udayagiri	0.0	6	Kuliana	0.0	2	Dhankauda	4.2
6	Remuna	0.0	1	Kasinagar	77.2	5	Khajuripada	10.6	7	Sarasakana	0.0	3	Rengali	42.6
7	Nilagiri	0.0	2	Paralakhemundi	0.0	6	Kotagarh	2.0	8	Suliapada	0.0	4	Maneswar	0.0
8	Soro	33.0	3	Rayagada	16.0	7	Nuagaon	0.0	9	Bangriposi	0.0	5	Kuchinda	0.0
9	Bahanaga	0.0	4	Gumma	17.0	8	Phiringia	0.0	10	Baripada	0.0	6	Jamankira	6.4
10	Simulia	3.0	5	Nuagada	0.0	9	Phulbani	1.4	11	Khunta	0.0	7	Bamra	19.8
11	Khaira	0.0	6	R.Udaygiri	0.0	10	Raikali	0.0	12	Gopabandhunagar	0.0	8	Rairakhol	0.0
12	Oupada	0.0	7	Mohana	0.0	11	Tikabali	0.0	13	Udala	0.0	9	Naktideul	0.0
Avg 3.0			8	Gosani	3.0	12	Tunudibandh	0.0	14	Kaptipada	0.0	Avg 9.2		
3. BARGARH			Avg 14.2			Avg 1.2			15	Besoi	0.0	29. SUBARNAPUR		
1	Ambabhona	0.0	11. GANJAM			17. KENDRAPARA			16	Bijatata	0.0	1	Sonepur	0.0
2	Attabira	0.0	1	Chhatrapur	0.0	1	Kendrapara	9.0	17	Rairangapur	0.0	2	Binika	0.0
3	Bargarh	0.0	2	Ganjam	0.0	2	Derabis	9.0	18	Kusumi	2.0	3	Tarbha	0.0
4	Barpali	0.0	3	Purusottampur	0.0	3	Marshaghai	0.0	19	Jamda	0.0	4	Dunguripali	0.0
5	Bhatli	0.0	4	Kabisuryanagar	0.0	4	Mohakalpara	10.0	20	Bahalda	0.0	5	Birmaharajpur	0.0
6	Bhedden	2.0	5	Polasara	0.0	5	Garadapur	3.0	21	Tiring	0.0	6	Ullunda	0.0
7	Bijepur	6.0	6	Kodala	0.0	6	Pattamundai	4.0	22	Joshiapur	0.0	Avg 0.0		
8	Gaisilet	30.0	7	Khalikot	0.0	7	Aul	3.0	23	Karanja	0.0	30. SUNDARGARH		
9	Jharbandh	6.0	8	Hinjilicut	0.0	8	Rajnagar	5.0	24	Thakurmunda	0.0	1	Hemgir	0.0
10	Padampur	0.0	9	Rangeilunda	0.0	9	Rajkanika	0.0	25	Sukuruli	0.0	2	Lephripura	0.0
11	Paikmal	0.0	10	Kukudakhandi	16.0	Avg 4.78			26	Raruana	0.0	3	Tangarpali	0.0
12	Sohela	0.0	11	Chikiti	32.0	18. KEONJHAR			Avg 0.1			4	Sundargarh	0.0
Avg 3.7			12	Patrapur	14.6	1	Keonjhar	0.0	23. NAWARANGHPUR			5	Subdega	0.0
4. BHADRAK			13	Sanakhemundi	27.0	2	Banspal	1.1	1	Nawarangpur	0.0	6	Balisankara	0.0
1	Bhadrak	4.4	14	Digapahandi	10.0	3	Telkoi	0.0	2	Nandahandi	0.0	7	Bargaon	0.0
2	Bhandaripokhari	0.0	15	Bhanjanagar	0.0	4	Patna	0.0	3	Tentulikhunti	0.0	8	Kutra	0.0
3	Basudevpur	4.0	16	Belaguntha	0.0	5	Saharpada	17.2	4	Papadahandi	0.0	9	Rajgangpur	6.0
4	Bonth	0.0	17	Jagannathprasad	0.0	6	Ghatgaon	8.4	5	Kosagumuda	0.0	10	Kuarmunda	8.0
5	Chandbali	0.0	18	Buguda	11.0	7	Harichandanpur	0.0	6	Dabugaon	0.0	11	Nuagaon	0.0
6	Dhamnagar	0.0	19	Aska	0.0	8	Anandapur	0.0	7	Umerkote	0.0	12	Bisra	0.0
7	Tihidi	2.0	20	Dharakote	0.0	9	Ghasipura	0.0	8	Raighar	0.0	13	Lathikata	0.0
Avg 1.5			21	Sheragada	0.0	10	Hatadihi	0.0	9	Jharigaon	0.0	14	Bonai	0.0
5. BALANGIR			22	Sorada	0.0	11	Champua	0.0	10	Chandahandi	0.0	15	Lahunipara	0.0
1	Balangir	23.0	Avg 5.0			12	Joda	0.0	Avg 0.0			16	Gurundia	0.0
2	Puintala	17.0	12. JAGATSingHPUR			13	Jhumpura	0.0	24. NAYAGARH			17	Koira	3.2
3	Gudvella	15.6	1	Jagatsinghpur	84.2	Avg 2.1			1	Bhapur	0.0	Avg 1.0		
4	Duduka	0.0	2	Biridi	41.2	19. KHORDHA			2	Daspalla	0.0			
5	Deogaon	3.0	3	Raghunathpur	14.0	1	Balianta	52.0	3	Gania	0.0			
6	Loisingha	1.0	4	Balikuda	12.0	2	Balipatna	17.0	4	Khandapara	0.0			
7	Patnagarh	0.0	5	Nuagaon	3.0	3	Bhubaneswar	11.8	5	Nayagarh	0.0			
8	Belpada	0.0	6	Tirtol	0.0	4	Jatani	0.0	6	Nuagaon	0.0			
9	Khaprakhol	3.0	7	Kujanga	3.0	5	Banapur	0.0	7	Odagaon	0.0			
10	Titilagarh	2.4	8	Erasama	11.0	6	Begunia	0.0	8	Ranpur	0.0			
11	Tureikela	0.0	Avg 21.1			7	Bolagarh	0.0	Avg 0.0					
12	Bangomunda	0.0	13. JAJPUR			8	Chilika	0.0	25. NUAPADA					
13	Muribahal	2.0	1	Jajpur	8.0	9	Khordha	0.0	1	Boden	0.0			
14	Saintala	7.0	2	Binjharpur	13.0	10	Tangi	9.0	2	Khariar	2.4			
Avg 5.3			3	Dasarathpur	0.0	Avg 9.0			3	Komna	0.0			
6. BOUDH			4	Korei	0.0	20. KORAPUT			4	Nuapada	56.4			
1	Boudh	0.0	5	Danagadi	0.0	1	Koraput	0.0	5	Sinapali	7.6			
2	Kantamal	0.0	6	Sukinda	0.0	2	Lamataput	2.0	Avg 13.3					
3	Harabhanga	0.0	7	Rasulpur	19.4	3	Pottangi	4.2	26. PURI					
Avg 0.0			8	Dharmasala	7.2	4	Bandhugaon	0.0	1	Astarang	63.0			
7. CUTTACK			9	Badachana	20.0	5	Nandapur	2.0	2	Brahmagiri	0.0			
1	Athagarh	0.0	10	Bari	1.2	6	Dasmantpur	1.0	3	Delang	0.0			
2	Banki-Dampada	0.0	Avg 6.9			7	Narayanpatna	20.4	4	Gop	45.0			
3	Barang	0.0	14. JHARSUGUDA			8	Laxmipur	0.0	5	Kakatpur	4.0			
4	Badamba	0.0	1	Jharsuguda	17.0	9	Similiguda	0.0	6	Kanas	0.0			
5	Cuttack Sadar	0.0	2	Kolabira	2.0	10	Jeypore	4.2	7	Krushnaprasad	0.0			
6	Kantapada	79.0	3	Laikera	17.6	11	Kotpad	0.0	8	Nimapara	60.0			
7	Mahanga	0.0	4	Kirmira	25.0	12	Kundra	7.0	9	Pipili	27.0			
8	Niali	17.0	5	Lakhanpur	0.0	13	Borigumma	0.0	10	Puri	2.0			
9	Nischintakoili	9.0	Avg 12.3			14	Boipariguda	4.0	11	Satyabadi	52.0			
10	Narasinghpur	0.0	15. KALAHANDI			Avg 3.2			Avg 23.0					
11	Salepur	0.0	1	Bhabanipatna	2.0									
12	Tangi-Choudwar	0.0	2	Kesinga	19.2									
13	Tigiria	6.0	3	Karlamunda	0.0									
Avg 8.5														