



Flood Bulletin, 2023

Government of Odisha

Department of Water Resources

Volume No.41

Date: 11.07.2023

Time: 14:00Hr



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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	101.18	S	-7.82	108.31	19.09.08
	Tikarpara	-	-	12:00	56.66	S	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	22.23	S	-4.18	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	2.76	S	-8	11.60	31.08.82
Devi	Alipingala	11.76	10.85	12:00	2.18	S	-9.58	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	171.67	R	-6.75	181.44	24.09.11
	Rengali	88.0	-	12:00	76.97	F	-11.03	92.25	18.08.75
	Talcher	62.91	-	12:00	53.77	S	-9.14	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	18.04	F	-4.96	24.78	20.08.75
	Indupur	8.23	-	12:00	2.12	R	-6.11	-	-
Baitarani	Champua	376.41	375.33	12:00	371.28	S	-5.13	379.06	23.09.11
	Swampatna	311.1	-	12:00	304.48	S	-6.62	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	32.28	S	-6.08	41.80	19.08.75
	Akhuapada	17.83	-	12:00	15.55	S	-2.28	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.18	S	-	85.80	09.11.95
	Baripada	30.92	29.70	12:00	21.34	S	-9.58	37.20	12.10.73
	Balimundali	-	-	12:00	36.06	S	-	42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	0.48	R	-7.65	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	115.20	S	-8.3	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	43.80	S	-5.36	56.91	03.09.78
	Rajghat	10.36	9.45	12:00	3.35	S	-7.01	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.5	6.0	12:00	3.5	S	-3.0	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	12:00	77.80	S	-4.19	83.21	04.11.90
	Madhabarida	60.65	-	12:00	55.94	S	-4.71	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	11.60	S	-5.24	19.60	04.11.90
Vansadhara	Gudari	-	-	12:00	114.12	S	-	121.82	17.09.80
	Gunupur	84.0	83.0	12:00	80.12	S	-3.88	88.75	17.09.80
	Kashinagar	54.6	53.6	12:00	52.20	S	-2.4	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	605.87 ft	<u>1235.0 Mcum</u> 4822.83Mcum (25.6%)	<u>18.3%</u> 602.1	40493.0 Cusec	33690.0 Cusec	0/98 Rising
2.Rengali 08:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	110.92 m.	<u>17160.0 Ham</u> 341371.0 Ham (5.0%)	<u>8.0%</u> 111.5	255.75 Cumec	139.52 Cumec	0/27 Rising
3.U. Indravati 08:00Hr	625.0 m	<u>642 m</u> 643 m	629.47 m.	<u>29539.0 Ham</u> 148550.0 Ham (19.9%)	<u>27.0%</u> 630.9	23.74 Cumec	99.9 Cumec	0/12 Falling
4.UpperKolab 08:00Hr	844.0 m	858 m	849.78 m.	<u>265.96 Mcum</u> 935.0 Mcum (28.4%)	<u>10.1%</u> 846.3	30.52 Cumec	41.80 Cumec	0/11 Falling
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1454.70 ft	<u>32925.0 Ham</u> 267600.0 Ham (12.3%)	<u>5.1%</u> 1446.3	4480.0 Cusec	4480.24 Cusec	0/12 Falling
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2696.3 ft	<u>6467.0 Ham</u> 89254.7 Ham (7.2%)	<u>1.8%</u> 2688.3	1474.0 Cusec	2710.0 Cusec	2/12 Falling
7.Salandi 06:00Hr	50.24 m	<u>82.3 m</u> 83.21m	71.84 m.	<u>25674.0 Ham</u> 55650.0 Ham (46.1%)	<u>63.5%</u> 75.6	11.84 Cumec	23.69 Cumec	2/11 Falling
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	260.70m.	<u>17586.20 Ham</u> 31425.2Ham (56.0%)	<u>39.2%</u> 258.9	6.77 Cumec	3.01 Cumec	0/9 Rising

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	54734.0 Cusec	36871.0 Cusec	During last 24 Hrs ending 08:00Hrs of 11.07.2023
Rengali	420.32 Cumec	248.79 Cumec	During last 24 Hrs ending 06:00Hrs of 11.07.2023

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	12360
	Tarapur	12:00	BG
	Saradihi	12:00	41154
	Kalma	09:00	51770
	Deogaon	12:00	2458
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	46000
	Barmul	12:00	52000
	Mundali	12:00	45000
Tel	Patharla	12:00	14850
Baitarani	NH-5 Akhuapada	08:00	NR
Brahmani	Pankapal	08:00	7350
Subarnarekha	Rajghat	08:00	1041
Rushikulya	Purusottampur	09:00	471

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (11.07.2023)

No. of Gates Open:

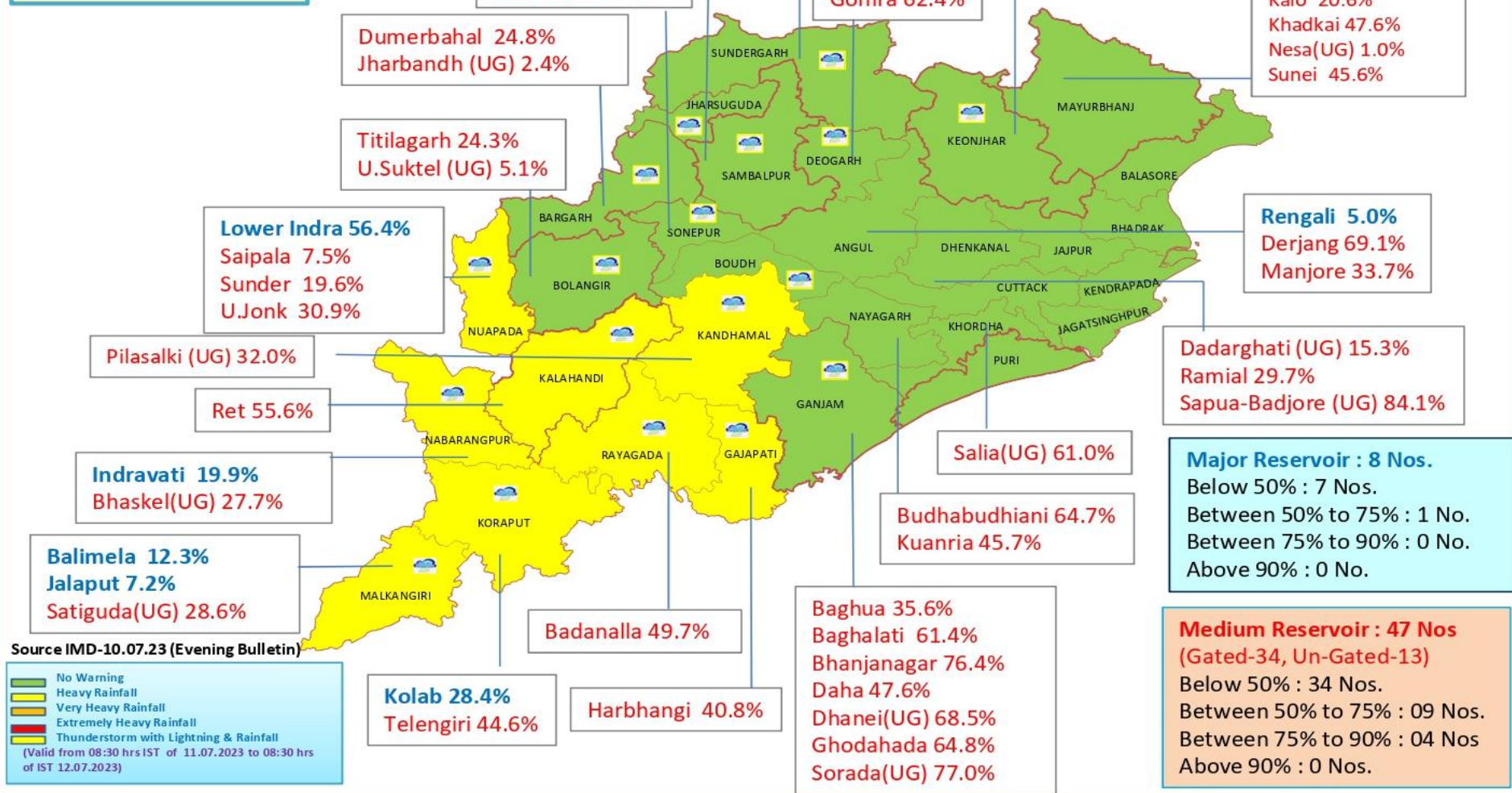
Major

1. Jalaput – 02 Nos.
2. Salandi – 02 Nos.

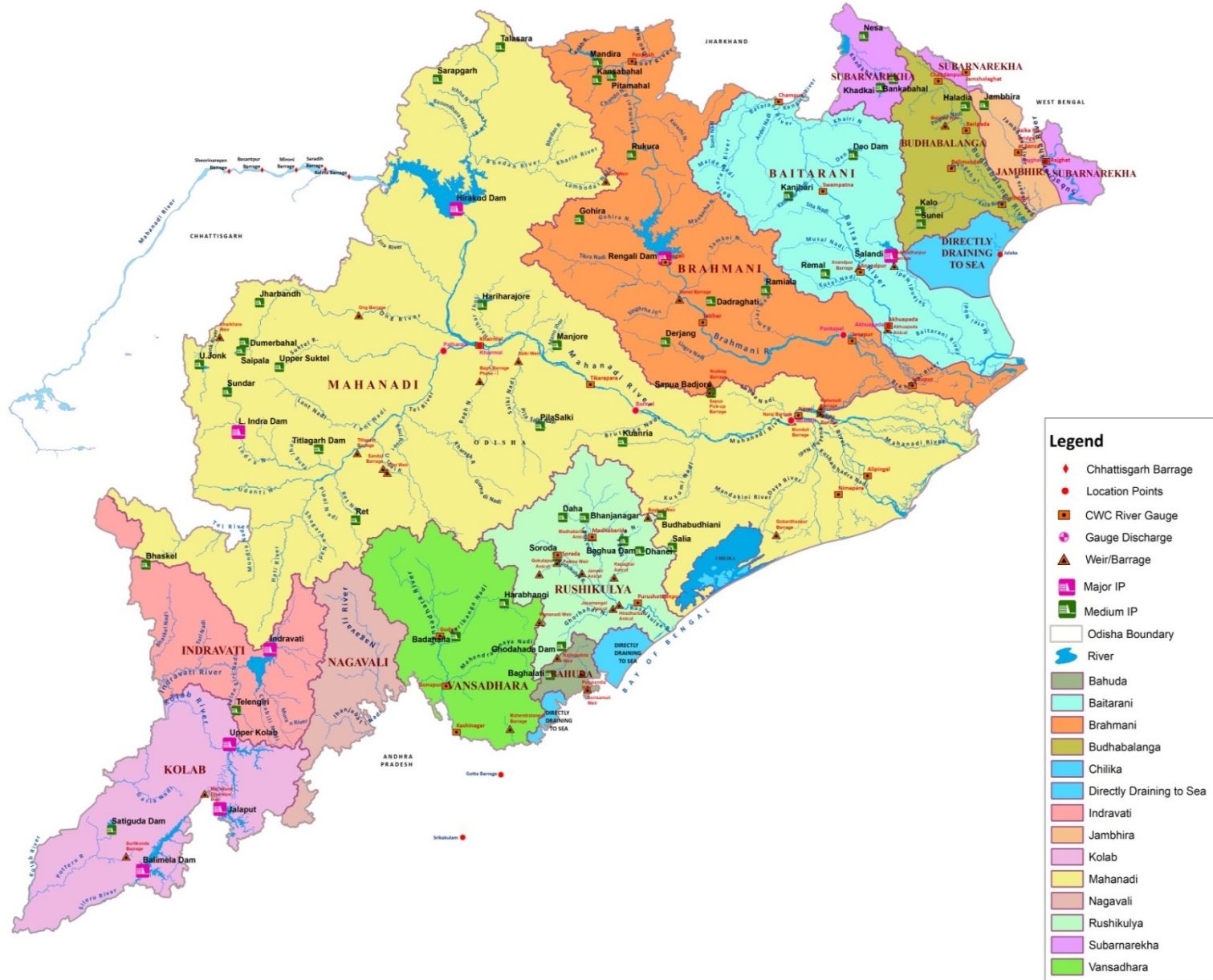
No. of Gates Open:

Medium

1. Mandira – 05 Nos.
2. Deo – 01 No.



MAJOR & MEDIUM RESERVOIRS , G & D SITES IN ODISHA



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



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INDIA METEOROLOGICAL DEPARTMENT
(Ministry of Earth Sciences)
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HYDROMET BULLETIN

1) Synoptic Situation

- The Monsoon Trough at mean sea level now passes through Jaisalmer, Sikar, Orai, Sultanpur, Patna, Malda and thence eastwards to Arunachal Pradesh and extends upto 0.9 km above mean sea level.

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

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (11.07.23)	Day-2 (12.07.23)	Day-3 (13.07.23)	Day-4 (14.07.23)	Day-5 (15.07.23)	Day-6 (16.07.23)	Day-7 (17.07.23)
1	BAITRANI	BT	0.1-10	0.1-10	0.1-10	11-25	11-25	11-25	11-25
2	LOWER BRAHMANI	LB	0.1-10	0.1-10	11-25	11-25	11-25	11-25	11-25
3	UPPER BRAHMANI	UB	0.1-10	0.1-10	11-25	11-25	0.1-10	11-25	11-25
4	BHURABALANG	BB	0.1-10	0.1-10	0.1-10	11-25	11-25	11-25	11-25
5	LOWER MAHANADI	LM	11-25	0.1-10	0.1-10	0.1-10	11-25	11-25	11-25
6	NAGAVALI	NV	11-25	11-25	0.1-10	0.1-10	0.1-10	0.1-10	11-25
7	RUSHIKULIYA	RK	11-25	11-25	0.1-10	0.1-10	11-25	0.1-10	11-25
8	SUBERNAREKHA	SR	0.1-10	0.1-10	0.1-10	11-25	0.1-10	11-25	11-25
9	UPPER MAHANADI	UM	0.1-10	0.1-10	11-25	0.1-10	11-25	0.1-10	11-25
10	VAMSDHARA	VD	11-25	0.1-10	0.1-10	0.1-10	11-25	11-25	11-25

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 (11.07.23)		Day-2 (12.07.23)		Day-3 (13.07.23)		Day-4 (14.07.23)		Day-5 (15.07.23)		Day-6 (16.07.23)		Day-7 (17.07.23)	
			I	D	I	D	I	D	I	D	I	D				
1	BAITRANI	BT	L	SCT	L	SCT	L	SCT	M	FWS	M	FWS	M	FWS	M	FWS
2	LOWER BRAHMANI	LB	L	SCT	L	SCT	M	FWS	M	FWS	M	FWS	M	FWS	M	FWS
3	UPPER BRAHMANI	UB	L	SCT	L	SCT	M	FWS	M	FWS	L	FWS	M	FWS	M	FWS
4	BHURABALANG	BB	L	SCT	L	SCT	L	SCT	M	FWS	M	FWS	M	FWS	M	FWS
5	LOWER MAHANADI	LM	M	FWS	L	SCT	L	SCT	L	FWS	M	FWS	M	FWS	M	FWS
6	NAGAVALI	NV	M	FWS	M	FWS	L	SCT	L	SCT	L	FWS	L	FWS	M	FWS
7	RUSHIKULIYA	RK	M	FWS	M	FWS	L	SCT	L	FWS	M	FWS	L	FWS	M	FWS
8	SUBERNAREKHA	SR	L	SCT	L	SCT	L	SCT	M	FWS	L	FWS	M	FWS	M	FWS
9	UPPER MAHANADI	UM	L	SCT	L	SCT	M	FWS	L	FWS	M	FWS	L	FWS	M	FWS
10	VAMSDHAR A	VD	M	FWS	L	SCT	L	SCT	L	FWS	M	FWS	M	FWS	M	FWS

Spatial Distribution		
DRY	Dry	No station reported rainfall
ISOL	One or two places	25% or less number of stations recorded rainfall 2.5 mm
SCT	At a few places	26%-50% number of stations recorded rainfall 2.5 mm
FWS	At many places	51%-75% number of stations recorded rainfall 2.5 mm
WS	At most places	76%-100% number of stations recorded rainfall 2.5 mm

Intensity					
M.Dry	NIL	0 cm	VL	Very Light Rainfall	Trace
L	Light Rainfall	Upto 1 cm	M	Moderate Rainfall	2-6 cm
H	Heavy Rainfall	7-11 cm	VH	Very Heavy rainfall	12-20 cm
EH	Extremely Heavy Rainfall	21 cm or more			
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 (11.07.23)		Day-2 (12.07.23)		Day-3 (13.07.23)		Day-4 (14.07.23)		Day-5 (15.07.23)		Day-6 (16.07.23)		Day-7 (17.07.23)	
			I	D	I	D	I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL	H	ISOL	H	ISOL
2	LOWER BRAHMANI	LB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	H	ISOL	H	ISOL
3	UPPER BRAHMANI	UB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	H	ISOL
4	BHURABALAN G	BB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	H	ISOL
5	LOWER MAHANADI	LM	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL
6	NAGAVALI	NV	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
7	RUSHIKULIYA	RK	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
8	SUBERNAREK HA	SR	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	H	ISOL	NIL	NIL
9	UPPER MAHANADI	UM	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	H	ISOL
10	VAMSDHARA	VD	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL

Spatial Distribution		
DRY	Dry	No station reported rainfall
ISOL	One or two places	25% or less number of stations recorded rainfall 2.5 mm
SCT	At a few places	26%-50% number of stations recorded rainfall 2.5 mm
FWS	At many places	51%-75% number of stations recorded rainfall 2.5 mm
WS	At most places	76%-100% number of stations recorded rainfall 2.5 mm

Intensity				
M.Dry	NIL	0 cm	VL	Very Light Rainfall
L	Light Rainfall	Upto 1 cm	M	Moderate Rainfall
H	Heavy Rainfall	7-11 cm	VH	Very Heavy rainfall
EH	Extremely Heavy Rainfall	21 cm or more		
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 (11.07.2023) (QPF categories)					Day-2 (12.07.2023) (QPF categories)					Day-3 (13.07.2023) (QPF categories)					Day-4 (14.07.2023) (QPF categories)					Day-5 (15.07.2023) (QPF categories)					Day-6 (16.07.2023) (QPF categories)					Day-7 (17.07.2023) (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
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																																				

Probability of occurrence (%)	0-5	5-25	25-50	50-75	75-100
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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.)
1	LOWER MAHANADI	Kantamal(94.2),Gaisilete(85),Barpali(82),Bolangir(79) Kantamal(76.6),Pipili(69),Komna(63),Saintala(62),Padampur(57) ,Alipingal(56.8),Tureikela(53),Jharbandh(52)Jagatsinghpur(Pto)(49.2),Deogao n(47),Paikamal(45),Patnagarh(45)
2	NAGAVALI	Salur(81.6),Bobbili(69.4)
3	RUSHIKULIYA	Digapahandi(57),Sheragada(51)
4	UPPER MAHANADI	Raipur(Imd)(91.5),Balod(66.4),Nawapara(63),Nagari(61.9) ,Dondilohara(61.6),Boranda(59.6),Doundi(56.8),Gundardehi(55) ,Patan(54.5),Mainpur(51.2),Gurur(50.5),Nerharpur(48.4),Kartala(45)
5	VAMSDHARA	Kotagarh(47)

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

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	2.9
2	LOWER BRAHMANI	LB	6.8
3	UPPER BRAHMANI	UB	3.4
4	BHURABALANG	BB	1.5
5	LOWER MAHANADI	LM	15.1
6	NAGAVALI	NV	14.4
7	RUSHIKULIYA	RK	7.4
8	SUBERNAREKHA	SR	1.8
9	UPPER MAHANADI	UM	11.9
10	VAMSDHARA	VD	8.3

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

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	16.0
2	ANDHIARKHOR	0.8
3	BAIKUNTHAPUR	0.0
4	BAMNIDIHI	0.0
5	BANGODAM	0.4
6	BARAGAON	0.0
7	BASANTAPUR	0.6
8	BORANDA	59.6
9	DEOGAON (IRRI)	0.0
10	DEOGAON (CWC)	11.6
11	DHARAMJAYGARH	0.0
12	GHATORA	0.0
13	HEMGIRI	0.0
14	JAMADARPALLI	7.6
15	JAMANKIRA	0.0
16	JHARSUGUDA (IMD)	0.0
17	KORBA	0.8
18	KUCHINDA	0.0
19	KURUBHATTA	1.4
20	KELO	0.0
21	MANENDRAGARH	7.4
22	MAHULPALI	0.0
23	NAWAPARA	63.0
24	LAIKERA	0.0
25	Gundardehi	55.0
26	Doundi	56.8
27	Gurur	50.5
28	DONDILOHARA	61.6
29	BALOD	66.4
30	PALLARI/PALARI	1.6
31	BALODA BAZAR	0.0
32	Kasdole	0.0
33	Bilaigarh	0.0
34	Bhatapara	0.0
35	Darbha	29.6
36	Saja	0.0
37	Berla	0.0
38	Nawagarh	0.7
39	Than Khamaria	0.0
40	BEMETARA	0.0
41	Masturi	7.4
42	Bilha	2.0
43	Kota	6.4
44	Takhatpur	8.4
45	BILASPUR	0.0
46	Kurud	61.9
47	Nagari	12.7
48	Magarlod	35.3
49	DHAMTARI	54.5
50	Patan	23.0
51	Dhamdha	0.0
52	DURG	10.8
53	DEOBHOG	3.9
54	GARIABUND	20.6
55	Chhura	51.2
56	Mainpur	29.5
57	Akaltara	2.0
58	Pamgarh	4.9
59	Baloda	0.0
60	Jaijaipur	0.0
61	Malkharoda	0.0
62	Dhabhara	2.5
63	SAKTI	0.3
64	JANUGIR	0.0
65	CHAMPA	0.0
66	Manora	0.0
67	Bagicha	17.7
68	Duldula	0.0
69	Kunkuri	4.3
70	Kansabel	0.0
71	Tapkara	0.4

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	0.0
73	JASHPURNAGAR	1.9
74	Bodla	0.8
75	Sahaspurlohara	5.0
76	Pandaria	2.4
77	KAWARDHA	2.4
78	Charama	48.4
79	Nerharpur	14.6
80	Poudi Uparora	45.0
81	Kartala	0.0
82	PALI	0.0
83	KATGHORA	2.0
84	Sonhat	0.0
85	Khadgava	5.7
86	Pithora	11.7
87	Bagbahara	21.0
88	Basana	16.9
89	MAHASAMUND	5.0
90	SARAIPALI	28.6
91	Patharia	4.0
92	Lormi	35.5
93	MUNGELI	2.5
94	Kharsiya	0.0
95	Lailunga	0.0
96	Pusaur	0.0
97	Baramkela	18.3
98	Tamnar	0.0
99	SARANGARH	14.5
100	RAIGARH	0.0
101	GHARGHODA	0.0
102	MANA-RAIPUR-AP	10.4
103	ARANG	2.8
104	Tilda	0.0
105	Abhanpur	5.3
106	Chhui khadan	2.1
107	Khairagarh	1.9
108	Chhuria	8.2
109	RAJNANDGAON	38.6
110	DONGARGARH	9.0
111	DONGARGAON	18.2
112	GANDAI	0.0
113	AMBAGARH CHOWKI	2.0
114	Premnagar	3.0
115	Ramanujnagar	0.0
116	Batoli	0.0
117	Sitapur	0.0
118	Lundra	0.0
119	KOLABIRA	0.0
120	PARMANPUR	0.0
121	PENDRA RD (CWC)	0.0
122	RAIPUR(IMD)	91.5
123	RAIPUR (CWC)	30.4
124	RAJIM	15.2
125	RAMPUR	7.2
126	SANKARA	15.6
127	SEORINARAYAN	0.0
128	SIMGA	0.0
129	SUNDERGARH (IMD)	0.0
130	SUND-RH (CWC)	0.0
131	SURAJGARH	0.6
132	THETTANG	9.0
133	GOPALPUR	0.0
134	ZONDRA	0.0
135	BALISANKRA	0.0
136	BAMRA	0.0
137	LEPHRIPARA	0.0
138	KUTRA	0.0
139	TANGARPALI	0.0
140	KIRMIRA	0.0
141	LAKHANPUR	0.0
	AVG	10.0

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	0.0
2	DERABIS	0.0
3	JHARBANDH	52.0
4	GAISILETE	85.0
5	PHIRINGIA	0.0
6	ALIPINGAL	56.8
7	ARMPUR	0.0
8	ATHAGARH	0.0
9	ATHAMALIK	0.0
10	BALIGUDA	0.0
11	BANPUR	24.0
12	BARGARH	15.8
13	BARMUL	0.0
14	BELGAON	36.0
15	BHAWANIPATNA(IMD)	15.4
16	BHUBANESWAR (IMD)	0.9
17	BIJEPUR	38.0
18	BINIKA	7.2
19	BOLANGIR (IMD)	79.0
20	BOUDA GARH	35.6
21	BURLA (CWC)	28.8
22	BURLA (IRRI)	24.0
23	CUTTACK (IMD)	0.0
24	CHILIKA	0.0
25	DASHPALLA	11.0
26	DUNGURIPALI	25.0
27	GOP	0.0
28	HARABHANGA	0.0
29	HIRAKUD (IMD)	24.2
30	JAIPATNA	0.0
31	JUNAGARH	4.0
32	KAKATPUR	0.0
33	KALINGA	0.0
34	KANAS	0.0
35	KANTAMAL (BDO)	76.6
36	KANTAMAL (CWC)	94.2
37	KENDRAPARA	4.0
38	KENDRAPARA (PTO)	0.0
39	KESINGA	24.6
40	KHANDAPADA* (BDO)	0.0
41	KHANDAPADA (CWC)	0.0
42	KHARIAR	8.4
43	KHAIRMAL (IRR)	30.2
44	KHAIRAMAL (CWC)	36.2
45	KOMNA	63.0
46	M. RAMPUR	3.5
47	MUNDALI	0.0
48	NARAJ	0.0
49	NARASINGHPUR	0.0
50	NAYAGARH	0.0
51	NIMAPARA	2.8
52	PADAMPUR	57.0
53	PADMABATI	0.0
54	PAIKAMAL	45.0
55	PARADEEP (IMD)	4.7
56	G.UDAYGIRI	16.0
57	PATNA GARH	45.0
58	PATAMUNDAI	5.0
59	PHULBANI (IMD)	0.0
60	PHULBANI (CWC)	0.0
61	PILPI	69.0
62	PURI (IMD)	0.0
63	RAIRAKHOL	41.0
64	R.K NAGAR	3.8
65	RANPUR	4.2
66	SALBHATTA	21.0
67	SAMBALPUR (IMD)	4.5
68	SOHELA	19.0
69	SONEPUR	29.0
70	TANGI	0.0
71	TIKABALI	0.0
	AVG	14.9

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
72	TIKARAPARA	0.0
73	TITLA GARH (IMD)	8.0
74	KOKSARA	40.0
75	TUREIKELA	53.0
76	KALAMPUR	0.0
77	SINAPALI	9.4
78	BODEN	13.0
79	LOISINGHA	22.0
80	TIRTOL	0.0
81	SAINTALA	62.0
82	NARLA	28.0
83	AGALPUR	22.0
84	RAKIA	9.2
85	B.M.PUR	30.0
86	BARPALI	82.0
87	ATTABIRA	23.4
88	BHTALI	1.0
89	TH. RAMPUR	0.0
90	GUDELVA	29.0
91	DEOGAON	47.0
92	BANGAMUNDA	6.0
93	BIRIDI	0.0
94	NAUGAON	0.0
95	GOLAMUNDA	0.0
96	CHAKAPAD	0.0
97	KHAJURIPADA	5.6
98	MOHAKALAPADA	7.0
99	JATNI	0.0
100	BEGUNIA	0.0
101	BHAPUR	0.0
102	DHANKAUDA	1.0
103	JAGATSingHPUR(PTO)	49.2
104	KHORDHA(PTO)	1.0
105	CHANDAHANDI	3.5
106	JHORIGAM	13.6
107	DHARMAGARH	6.4
108	BELPADA	14.0
109	KHAPRAKHOL	23.0
110	TARVA	39.0
111	K NUAGAON	0.0
112	JUJUMURA	23.0
113	ULLUNDA	39.0
114	KARLAMUNDA	0.0
115	BOLAGARH	0.0
116	GANIA	0.0
117	BANKI	0.0
118	TIGIRIA	0.0
119	ASTARANGA	0.0
120	BRAHMAGIRI	0.0
121	KRISHNAPRASAD	1.5
122	KANTAPADA	3.0
123	MAHANGA	0.0
124	NIALI	0.0
125	NISCHINTAKOILI	0.0
126	SALEPUR	0.0
127	BALIKUDA	5.0
128	RAGHUNATHPUR	0.0
129	GARADAPUR	3.0
130	MARSAGHAI	0.0
131	BALIPATNA	5.5
132	KUJANGA	0.0
133	NUAUGAON	0.0
134	ODAGAON	5.0
135	BASANA	16.9
136	DEOBHOG	3.9
	AVG	14.9

Date:-11.07.2023

Sl No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	0.0
2	LAHUNIPARA	1.0
3	PALLAHARA	0.0
4	PANPOSH	0.0
5	RAJGANGA PUR	0.0
6	BARKOTE	5.0
7	BONAI	0.0
8	DEOGARH	5.0
9	MANDIRADAM	0.0
10	TENSA	0.0
11	LATHIKATA	0.0
12	JODA	0.0
13	GURUNDIA	0.0
14	PALKOT	0.0
15	RAIDIH	0.0
16	KURU	8.0
17	LOHARDAGA	0.0
18	MANDAR	0.0
19	KOLEBIRA	0.0
20	KURDEG	0.0
21	SIMDEGA	0.0
22	JASHPURNAGAR	1.9
23	RAURKELA(Airport)	0.0
	AVG	0.9
LOWER BRAHMANI		
1	REAMAL	3.4
2	RENGALI	4.0
3	ALTUMA	18.8
4	ANGUL (IMD)	0.0
5	BATAGAON	1.6
6	CHHENDIPADA	0.0
7	DHENKANAL	0.0
8	DHENKANAL (PTO)	0.0
9	HINDOL	0.0
10	JENAPUR	38.0
11	KAMAKHYA NGR	14.6
12	NAKTIDEUL	23.0
13	SUKINDA	2.0
14	TALCHER	12.0
15	TELKOI	0.0
16	KANKADAHAD	10.2
17	JAJPUR	2.4
18	JAJPUR (PTO)	4.0
19	RAJ KANIKA	39.0
20	AUL	23.0
21	RAJNAGAR	0.0
22	BANARPAL	0.0
23	KANIHA	0.0
24	PARJANG	0.0
25	GONDIA	38.0
26	BHUBAN	17.0
27	DANAGADI	0.0
28	KOREI	0.0
29	CHANDIKHOL	0.0
30	BARI	0.0
31	BINJHARPUR	0.0
	AVG	8.1

Source:-Met Centre Bhubaneswar

[illegible]

Sl No	Name of Stations	Rainfall (in mm)
RUSHIKULYA		
1	BUGUDA	0.0
2	ASKA	3.6
3	BERHAMPUR	0.0
4	BHANJANAGAR	3.0
5	CHHATRAPUR	0.0
6	DARINGIBADI	4.0
7	GOPALPUR (IMD)	0.0
8	MADHABARIDA	2.4
9	PUSOTTAMPUR	6.6
10	DIGAPAHANDI	57.0
11	JAGANNATHPRASAD	2.3
12	SORADA	11.0
13	POLASARA	1.0
14	KODALA	0.0
15	RANGEILUNDA	0.0
16	KUKUDAHANDI	1.5
17	PATRAPUR	10.4
18	SANKHEIMUNDI	6.0
19	DHARAKOTE	0.0
20	SHERAGADA	51.0
21	GANJAM	0.0
22	BELAGUNTHA	0.0
23	HINJILI	0.0
	AVG	6.9
VANSADHARA		
1	AMBADOLA	9.0
2	BISSAM CUTTACK	11.4
3	GOTTA BARRAGE	0.8
4	GUDARI	1.2
5	GUNUPUR	0.0
6	KALINGA-NAM (IMD)	0.0
7	KASHINAGAR	0.6
8	KOTAGARH	47.0
9	KOTRAGUDA	18.4
10	MAHENDRAGARH	0.6
11	MOHANA	3.2
12	PARAKHEMUNDI	1.0
13	R.GUDA	0.0
14	NUAGADA	5.0
15	MUNIGUDA	0.0
16	R.UDAYAGIRI	0.0
17	LANJIGARH	42.0
18	NELIAPUTY	NR
19	SIRJHOLY	NR
20	GUMMA	2.0
21	GOSANI	0.0
22	CHADRAPUR	0.0
23	Balajipeta	9.6
	AVG	7.2

Sl 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)	4.0
7	JAMSEDPUR (CWC)	0.0
8	JAMSOLAGHAT	0.0
9	RAIRANG PUR	0.0
10	RAJGHAT	0.0
11	RANCHI	0.0
12	TIRING	0.0
13	BIJATALA	0.0
14	KUSUMI	3.0
15	JAMDA	0.0
16	ARKI	0.0
17	ICAR NAMKUM	0.0
18	ORMANJIHI	0.0
19	CHANDIL	0.0
20	KHARSEMA	0.0
21	NIMDIH	0.0
22	CHAIBASA	0.0
23	CHAKRADHARPUR	0.0
24	BAHALDA	0.0
	AVG	0.3
BUDHABALANGA		
1	BALASORE (IMD)	0.0
2	BALASORE (CWC)	0.0
3	BALIMUNDALI	0.0
4	BANGIRIPOSHI	0.0
5	BARIPADA (IMD)	3.2
6	BARIPADA (CWC)	1.2
7	CHANDANPUR	0.0
8	JAIPUR	0.0
9	NAWANA	0.0
10	NH-5, GOVINDPUR	0.0
11	NILGIRI	0.0
12	SORO	0.0
13	BETANATI	0.0
14	UDALA	0.0
15	BAHANAGA	0.0
16	KHAIRA	0.0
17	MURUDA	3.0
18	SULIAPADA	0.0
19	G.B.NAGAR	0.0
20	REMUNA	0.0
21	SAMAKHUNTA	0.0
22	BASUDEVPUR	0.0
23	CHANDUA(KULIANA)	9.0
24	RASAGOVINDAPUR	0.0
25	OUPADA	0.0
	AVG	0.7

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

Date:11.07.2023

Sl No	Name of Stations	Rainfall (in mm)	Sl No	Name of Stations	Rainfall (in mm)	Sl No	Name of Stations	Rainfall (in mm)	Sl No	Name of Stations	Rainfall (in mm)	Sl No	Name of Stations	Rainfall (in mm)
1. ANGUL			8. DEOGARH			21. MALKANGIRI			27. RAYAGADA			28. SAMBALPUR		
1	Angul	0.0	1	Barkote	5.0	1	Malkangiri	42.6	1	Rayagada	0.0	1	Jujumura	23.0
2	Banarpal	0.0	2	Deogarh	5.0	2	Mathili	5.0	2	Kolnara	0.0	2	Dhankauda	1.0
3	Chhendipada	0.0	3	Reamal	3.4	3	Khoirput	25.0	3	Kalyansingpur	7.6	3	Rengali	4.8
4	Talcher	12.0	Avg 4.5			4	Chitrakonda (K.Gumma)	5.0	4	Kashipur	0.0	4	Maneswar	1.2
5	Kaniha	0.0	9. DHENKANAL			5	Korukonda	24.0	5	Gunupur	0.0	5	Kuchinda	0.0
6	Athamalik	0.0	1	Dhenkanal	0.0	6	Kalimela	0.0	6	Padmapur	12.1	6	Jamankira	0.0
7	Kishorenagar	3.8	2	Gondia	38.0	7	Podia	0.0	7	Gudari	0.0	7	Bamra	0.0
8	Pallahara	0.0	3	Odapada	0.0	Avg 14.5			8	Ramanaguda	0.0	8	Rairakhol	41.0
Avg 2.0			4	Hindol	0.0	22. MAYURBHANJ			9	Bissam Cuttack	11.4	9	Naktideul	23.0
2. BALASORE			5	Kamakhyanagar	14.6	1	Samakhunta	0.0	Avg 10.4			29. SUBARNAPUR		
1	Bhograi	0.0	6	Bhuban	17.0	2	Badasahi	0.0	1	Sonepur	44.0	1	Subdega	0.0
2	Basta	0.0	7	Parjang	0.0	3	Betanati	0.0	2	Binika	7.2	2	Lephripara	0.0
3	Jaleswar	0.0	8	Kankadahad	10.2	4	Morda	3.0	3	Tarbha	39.0	3	Tangarpali	0.0
4	Baliapal	0.0	Avg 10.0			5	Rasgovindapur	0.0	4	Dunguripali	25.0	4	Sundargarh	0.0
5	Balasore	0.0	10. GAJAPATI			6	Kuliana	9.0	5	Birmaharajpur	30.0	5	Subdega	0.0
6	Remuna	0.0	1	Kasinagar	2.0	7	Sarasakana	0.0	6	Ullunda	39.0	6	Balisankara	0.0
7	Nilagiri	0.0	2	Paralakhemundi	1.0	8	Suliapada	0.0	Avg 30.7			30. SUNDARGARH		
8	Soro	0.0	3	Rayagada	13.0	9	Bangriposi	0.0	1	Hemgir	0.0	1	Bhadrak	0.0
9	Bahanaga	0.0	4	Gumma	2.0	10	Baripada	8.0	2	Lephripara	0.0	2	Bhandaripokhari	0.0
10	Simulia	0.0	5	Nuagada	5.0	11	Khunta	0.0	3	Tangarpali	0.0	3	Basudevpur	0.0
11	Khaira	0.0	6	R.Udaygiri	0.0	12	Gopabandhunagar	0.0	4	Sundargarh	0.0	4	Bonth	0.0
12	Oupada	0.0	7	Mohana	5.2	13	Udala	0.0	5	Subdega	0.0	5	Chandbali	29.0
Avg 0.0			8	Gosani	0.0	14	Kaptipada	0.0	6	Bargaon	0.0	6	Dhamnagar	0.0
3. BARGARH			Avg 3.5			15	Besoi	0.0	7	Kutra	0.0	7	Tihidi	0.0
1	Ambabhona	16.0	11. GANJAM			16	Bijatata	0.0	8	Lahuni para	1.0	Avg 4.1		
2	Attabira	23.4	1	Chhatrapur	0.0	17. KENDRAPARA			9	Gurundia	0.0	5. BALANGIR		
3	Bargarh	16.8	2	Ganjam	0.0	1	Kendrapara	4.0	1	Balangir	79.0	1	Bhadrak	0.0
4	Barpali	82.0	3	Purusottampur	0.0	2	Derabis	0.0	2	Puintala	60.0	2	Bhandaripokhari	0.0
5	Bhatli	1.0	4	Kabisuryanagar	0.0	3	Marshaghai	0.0	3	Gudvella	29.0	3	Basudevpur	0.0
6	Bheden	20.2	5	Polasara	1.0	4	Mohakalpara	7.0	4	Duduka	22.0	4	Bonth	0.0
7	Bijepur	38.0	6	Kodala	0.0	5	Garadapur	3.0	5	Deogon	47.0	5	Chandbali	29.0
8	Gaisilet	85.0	7	Khalikot	0.0	6	Pattamundai	5.0	6	Loisingha	22.0	6	Dhamnagar	0.0
9	Jharbandh	52.0	8	Hinjilicut	0.0	7	Aul	23.0	7	Patnagarh	45.0	7	Tihidi	0.0
10	Padampur	57.0	9	Rangailunda	0.0	8	Rajnagar	0.0	8	Belpada	14.0	Avg 4.1		
11	Paikmal	45.0	10	Kukudakhandi	1.5	9	Rajkanika	39.0	9	Khaprakhol	23.0	5. BALANGIR		
12	Sohela	19.0	11	Chikiti	28.1	Avg 9.00			10	Titilagarh	8.0	1	Balangir	79.0
Avg 38.0			12	Patrapur	10.4	18. KEONJHAR			11	Tureikela	53.0	2	Puintala	60.0
4. BHADRAK			13	Sanakhemundi	6.0	1	Keonjhar	0.0	12	Bangomunda	6.0	3	Gudvella	29.0
1	Bhadrak	0.0	14	Digapahandi	57.0	2	Banspal	0.0	13	Muribahal	12.0	4	Duduka	22.0
2	Bhandaripokhari	0.0	15	Bhanjanagar	3.0	3	Telkoi	0.0	14	Saintala	62.0	5	Deogon	47.0
3	Basudevpur	0.0	16	Belaguntha	0.0	4	Patna	0.0	Avg 8.2			6	Loisingha	22.0
4	Bonth	0.0	17	Jagannathprasad	2.3	5	Saharpada	0.0	12. JAGATSINGHPUR			7	Patnagarh	45.0
5	Chandbali	29.0	18	Buguda	0.0	6	Ghatgaon	0.0	1	Jagatsinghpur	48.3	8	Belpada	14.0
6	Dhamnagar	0.0	19	Aska	3.6	7	Harichandanpur	0.0	2	Biridi	0.0	9	Khaprakhol	23.0
7	Tihidi	0.0	20	Dharakote	0.0	8	Anandapur	10.2	3	Raghunathpur	0.0	10	Titilagarh	8.0
Avg 4.1			21	Sheragada	51.0	9	Ghasipura	1.2	4	Balikuda	5.0	11	Tureikela	53.0
5. BALANGIR			22	Sorada	17.0	10	Hatadihi	0.0	5	Naugaon	0.0	12	Bangomunda	6.0
1	Balangir	79.0	Avg 8.2			11	Champua	0.0	6	Tirtol	0.0	13	Muribahal	12.0
2	Puintala	60.0	13. JAJPUR			12	Joda	0.0	7	Kujanga	0.0	14	Saintala	62.0
3	Gudvella	29.0	1	Jagatsinghpur	48.3	13	Jhumpura	0.0	8	Erasama	60.0	Avg 34.4		
4	Duduka	22.0	2	Biridi	0.0	Avg 0.9			19. KHORDHA			6. BOUDH		
5	Deogon	47.0	3	Raghunathpur	0.0	20. KORAPUT			1	Balianta	0.0	1	Boudh	35.6
6	Loisingha	22.0	4	Balikuda	5.0	1	Lamatapur	6.2	2	Balipatna	5.5	2	Kantamal	76.6
7	Patnagarh	45.0	5	Naugaon	0.0	2	Pottangi	8.0	3	Bhubaneswar	0.0	3	Harabhanga	0.0
8	Belpada	14.0	6	Tirtol	0.0	3	Bhandhugaon	0.0	4	Jatani	0.0	Avg 37.4		
9	Khaprakhol	23.0	7	Kujanga	0.0	4	Nandapur	5.0	5	Banapur	24.0	7. CUTTACK		
10	Titilagarh	8.0	8	Erasama	60.0	5	Dasmantpur	0.0	6	Begunia	0.0	1	Athagarh	0.0
11	Tureikela	53.0	Avg 14.2			6	Narayanpatna	0.0	7	Bolagarh	0.0	2	Banki-Dampada	0.0
12	Bangomunda	6.0	13. JAJPUR			7	Laxmipur	0.0	8	Chilika	0.0	3	Barang	0.0
13	Muribahal	12.0	1	Jajpur	2.4	8	Similiguda	8.0	9	Khordha	0.0	4	Badamba	0.0
14	Saintala	62.0	2	Binjharpur	0.0	9	Jeyppore	6.4	10	Tangi	0.0	5	Cuttack Sadar	0.0
Avg 34.4			3	Dasarathpur	0.0	10	Kotpad	0.0	Avg 3.0			6	Kantapada	3.0
6. BOUDH			4	Korei	0.0	26. PURI			25. NUAPADA			7	Mahanga	0.0
1	Boudh	35.6	5	Danagadi	0.0	1	Astarang	0.0	1	Boden	13.0	8	Niali	0.0
2	Kantamal	76.6	6	Sukinda	2.0	2	Brahmagiri	0.0	2	Kharia	8.4	9	Nischintakolli	0.0
3	Harabhanga	0.0	7	Rasulpur	0.0	3	Delang	0.0	3	Komma	63.0	10	Narsinghpur	0.0
Avg 37.4			8	Dharmasala	0.0	4	Gop	0.0	4	Nuapada	15.8	11	Salepur	0.0
7. CUTTACK			9	Badachana	0.0	5	Kakatpur	0.0	5	Sinapali	9.4	12	Tangi-Choudwar	0.0
1	Athagarh	0.0	10	Bari	0.0	Avg 21.9			26. PURI			13	Tigiria	0.0
2	Banki-Dampada	0.0	Avg 0.4			1	Nuapada	15.8	1	Astarang	0.0	Avg 0.2		
3	Barang	0.0	14. JHARSUGUDA			2	Khandapara	0.0	2	Brahmagiri	0.0	8. DEOGARH		
4	Badamba	0.0	1	Jharsuguda	0.0	3	Nayagarh	0.0	3	Delang	0.0	1	Barkote	5.0
5	Cuttack Sadar	0.0	2	Kolabira	0.0	4	Nuagaon	0.0	4	Gop	0.0	2	Deogarh	5.0
6	Kantapada	3.0	3	Laikera	0.0	5	Nuagaon	0.0	5	Kakatpur	0.0	3	Reamal	3.4
7	Mahanga	0.0	4	Kirmira	0.0	6	Odagaon	5.0	6	Kanas	0.0	4	Talcher	12.0
8	Niali	0.0	5	Lakhanpur	0.0	7	Ranpur	4.2	7	Krushnaprasad	1.5	5	Kaniha	0.0
9	Nischintakolli	0.0	Avg 0.0			8	Nimapara	0.0	8	Nimapara	0.0	6	Athamalik	0.0
10	Narsinghpur	0.0	15. KALAHANDI			9	Pipili	69.0	9	Odagaon	5.0	7	Kishorenagar	3.8
11	Salepur	0.0	1	Bhabanipatna	11.0	10	Puri	0.0	10	Ranpur	4.2	8	Pallahara	0.0
12	Tangi-Choudwar	0.0	2	Kesinga	24.6	11	Satyabadi	0.0	Avg 6.4			Avg 2.0		
13	Tigiria	0.0	3	Karlamunda	0.0	Avg 6.1			26. PURI			Avg 37.4		
Avg 0.2			16. KANDHAMAL			Avg 6.4			27. RAYAGADA			Avg 0.0		
3. BARGARH			1	Baliguda	0.0	28. SAMBALPUR			1	Rayagada	0.0	28. SAMBALPUR		
1	Ambabhona	16.0	2	Chakapad	0.0	2	Dhankauda	1.0	2	Kolnara	0.0	2	Dhankauda	1.0
2	Attabira	23.4	3	Daringibadi	4.0	3	Rengali	4.8	3	Kalyansingpur	7.6	3	Rengali	4.8
3	Bargarh	16.8	4	G.Udayagiri	16.0	4	Maneswar	1.2	4	Kashipur	0.0	4	Maneswar	1.2
4	Barpali	82.0	5	Khajuripada	5.6	5	Kuchinda	0.0	5	Gunupur	0.0	5	Kuchinda	0.0
5	Barpali	82.0	6	Kotagarh	47.0	6	Jamankira	0.0	6	Padmapur	12.1	6	Jamankira	0.0
6	Bhatli	1.0	7	Nuagaon	0.0	7	Bamra	0.0	7	Gudari	0.0	7	Bamra	0.0
7	Bheden	20.2	8	Phulbani	0.0	8	Rairakhol	41.0	8	Ramanaguda	0.0	8	Rairakhol	41.0
8	Bijepur	38.0	9	Raikia	9.2	9	Naktideul	23.0	9	Bissam Cuttack	11.4	9	Naktideul	23.0