



Flood Bulletin, 2023

Government of Odisha

Department of Water Resources

Volume No.37

Date: 07.07.2023

Time: 14:00Hr



Contents

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

Flood Cell

Office of the Engineer-in-Chief, Water Resources, Odisha

Secha Sadan, Bhubaneswar

Tel: 0674-2395951, 2395953 e-Mail: floodcelleicwr@gmail.com

url: dowr.odisha.gov.in & dowrodisha.gov.in

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	101.21	S	-7.79	108.31	19.09.08
	Tikarpara	-	-	09:00	56.58	R		74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	22.12	S	-4.29	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	2.70	S	-8.06	11.60	31.08.82
Devi	Alipingala	11.76	10.85	12:00	1.98	S	-9.78	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	171.46	R	-6.96	181.44	24.09.11
	Rengali	88.0	-	12:00	76.28	F	-11.72	92.25	18.08.75
	Talcher	62.91	-	12:00	53.75	F	-9.16	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	18.04	S	-4.96	24.78	20.08.75
	Indupur	8.23	-	12:00	2.27	S	-5.96	-	-
Baitarani	Champua	376.41	375.33	12:00	371.33	R	-5.08	379.06	23.09.11
	Swampatna	311.1	-	12:00	304.55	S	-6.55	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	32.54	R	-5.82	41.80	19.08.75
	Akhuapada	17.83	-	12:00	15.46	S	-2.37	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.26	S		85.80	09.11.95
	Baripada	30.92	29.70	12:00	21.40	R	-9.52	37.20	12.10.73
	Balimundali	-	-	12:00	36.04	S		42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	0.86	R	-7.27	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	115.18	S	-8.32	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	43.78	S	-5.38	56.91	03.09.78
	Rajghat	10.36	9.45	12:00	3.50	S	-6.86	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.5	6.0	09:00	3.50	S	-3	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	12:00	77.77	R	-4.22	83.21	04.11.90
	Madhabarida	60.65	-	12:00	56.02	S	-4.63	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	11.47	S	-5.37	19.60	04.11.90
Vansadhara	Gudari	-	-	12:00	114.08	S		121.82	17.09.80
	Gunupur	84.0	83.0	12:00	80.26	S	-3.74	88.75	17.09.80
	Kashinagar	54.6	53.6	12:00	52.47	F	-2.13	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 (%)	Inflow	Total Outflow	Gates Open (Nos)/ Trend
1.Hirakud 12:00Hr	590.0 ft	630.0ft	605.04 ft	<u>1148.0 Mcum</u> 4822.83Mcum (23.8%)	17.7%	19336.0 Cusec	32945.0 Cusec	0/98 Falling
2.Rengali 08:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	110.50 m.	<u>11297.0 Ham</u> 341371.0 Ham (3.3%)	5.8%	218.80 Cumec	336.89 Cumec	0/27 Falling
3.U. Indravati 08:00Hr	625.0 m	<u>642 m</u> 643 m	629.68 m.	<u>31078.0 Ham</u> 148550.0 Ham (20.9%)	24.2%	168.77 Cumec	49.81 Cumec	0/12 Rising
4.UpperKolab 08:00Hr	844.0 m	858 m	849.76m.	<u>264.98 Mcum</u> 935.0 Mcum (28.3%)	6.9%	52.22 Cumec	29.59 Cumec	0/11 Rising
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1454.40 ft	<u>32226.0 Ham</u> 267600.0 Ham (12.0%)	3.8%	6957.0 Cusec	4087.24 Cusec	0/12 Rising
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2697.60 ft	<u>7375.0 Ham</u> 89254.7 Ham (8.3%)	1.7%	2454.0 Cusec	2710.0 Cusec	2/12 Falling
7.Salandi 06:00Hr	50.24 m	<u>82.3 m</u> 83.21m	71.90 m.	<u>25813.0 Ham</u> 55650.0 Ham (46.4%)	60.1%	0.62 Cumec	8.49 Cumec	0/11 Falling
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	260.64 m.	<u>17390.90 Ham</u> 31425.2Ham (55.3%)	36.2%	25.60 Cumec	2.99 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	19882.0 Cusec	38595.0 Cusec	During last 24 Hrs ending 08:00Hrs of 07.07.2023
Rengali	190.68 Cumec	163.96 Cumec	During last 24 Hrs ending 06:00Hrs of 07.07.2023

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	6280
	Tarapur	12:00	BG
	Saradihi	12:00	20640
	Kalma	09:00	11272
	Deogaon	12:00	2458
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	41200
	Barmul	12:00	42400
	Mundali	12:00	33000
Tel	Patharla	12:00	14850
Baitarani	NH-5 Akhuapada	08:00	NR
Brahmani	Pankapal	08:00	5611
Subarnarekha	Rajghat	08:00	1617

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (07.07.2023)

No. of Gates Open:

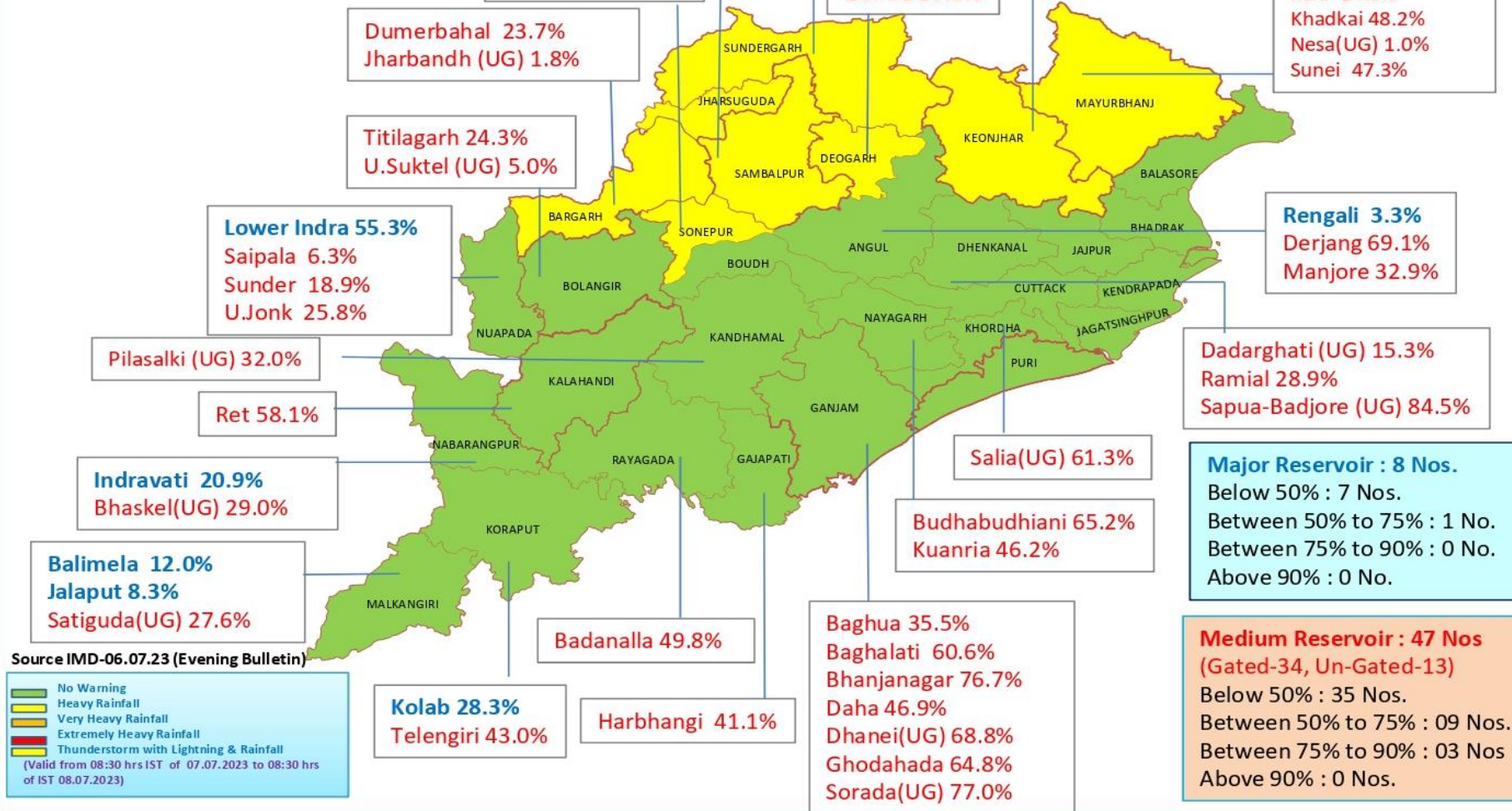
Major

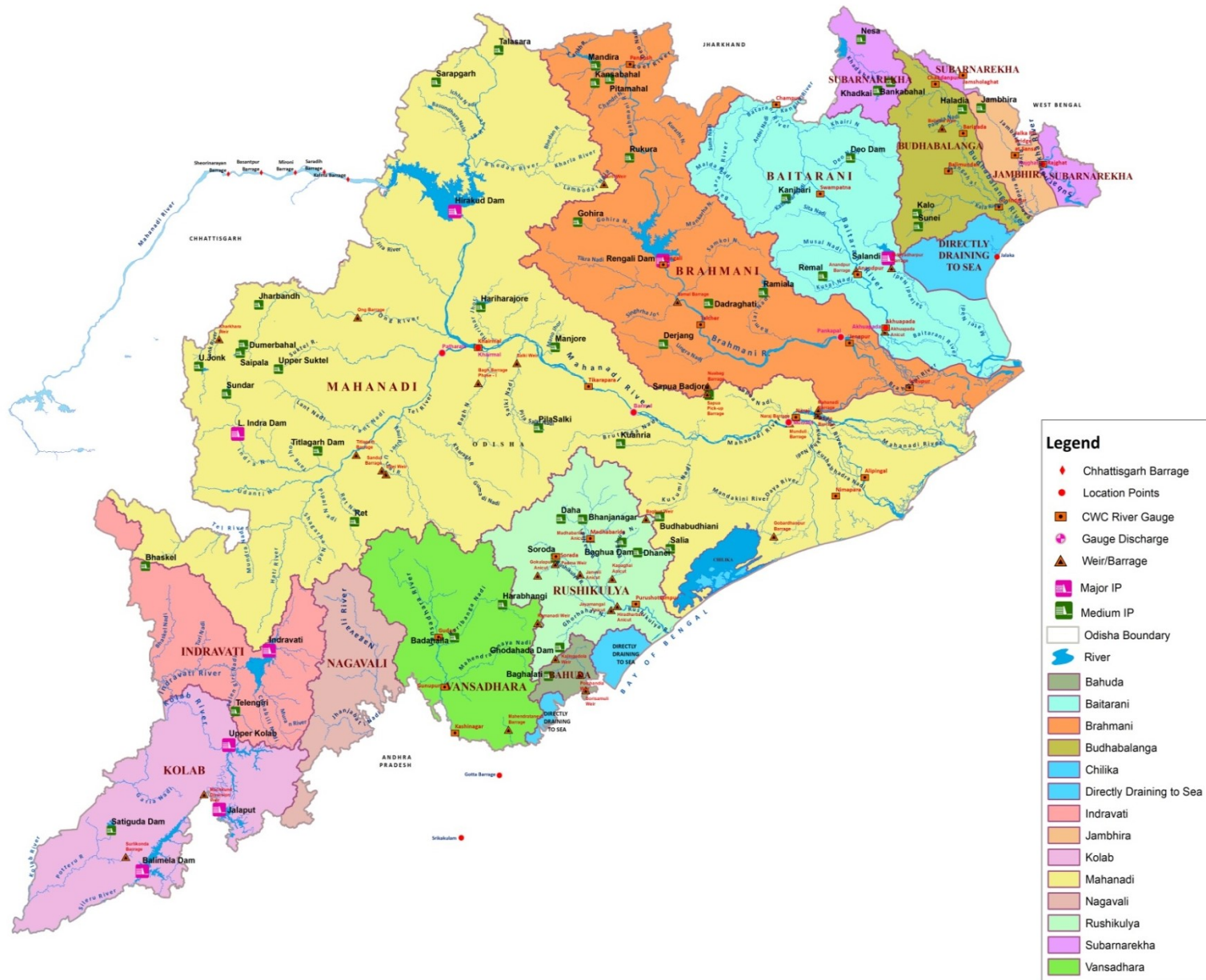
1. Jalaput – 02Nos.
2. Salandi- 02 Nos

No. of Gates Open:

Medium

1. Mandira – 4 Nos.





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
(Ministry of Earth Sciences)
METEOROLOGICAL CENTRE
BIJUPATNAIK AIRPORT
BHUBANESWAR-751020
TELE: 2596010 & 2596116
FAX : 2596010 & 2596093
E-MAIL : imdbbsr@ori.nic.in

Ref No: FM/HM Bulletin/37

Dated: 07/07/2023
Time of Issue: 1300 hrs IST

HYDROMET BULLETIN

1) **Synoptic Situation**

- The Monsoon Trough at mean sea level now passes through Bikaner, Jaipur, Guna, Satna, Pendra Road, Balasore and thence southeastwards to Eastcentral Bay of Bengal.
- The cyclonic circulation over Gangetic West Bengal & adjoining north Odisha now lies over Jharkhand & neighbourhood and extends upto 5.8 km above mean sea level tilting southwards with height.
- The east-west shear zone now runs roughly along Lat. 19°N at 5.8 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 (07.07.23)	Day-2 (08.07.23)	Day-3 (09.07.23)	Day-4 (10.07.23)	Day-5 (11.07.23)
1	BAITRANI	BT	0.1-10	11-25	11-25	11-25	11-25
2	LOWER BRAHMANI	LB	11-25	0.1-10	11-25	11-25	11-25
3	UPPER BRAHMANI	UB	11-25	11-25	11-25	11-25	11-25
4	BHURABALANG	BB	0.1-10	0.1-10	11-25	11-25	0.1-10
5	LOWER MAHANADI	LM	11-25	0.1-10	0.1-10	11-25	11-25
6	NAGAVALI	NV	0.1-10	0.1-10	0.1-10	11-25	11-25
7	RUSHIKULIYA	RK	0.1-10	0.1-10	0.1-10	11-25	11-25
8	SUBERNAREKHA	SR	11-25	11-25	11-25	11-25	0.1-10
9	UPPER MAHANADI	UM	11-25	11-25	0.1-10	0.1-10	11-25
10	VAMSDHARA	VD	11-25	0.1-10	0.1-10	11-25	11-25

PF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
--------------------	---	--------	-------	-------	-------	-------	--------	------

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 (07.07.2023)		Day-2 (08.07.2023)		Day-3 (09.07.2023)		Day-4 (10.07.2023)		Day-5 (11.07.2023)	
			I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	L	FWS	M	FWS	M	FWS	M	FWS	M	FWS
2	LOWER BRAHMANI	LB	M	FWS	L	FWS	M	FWS	M	FWS	M	FWS
3	UPPER BRAHMANI	UB	M	WS	M	FWS	M	FWS	M	FWS	M	FWS
4	BHURABALANG	BB	L	FWS	L	SCT	M	SCT	M	FWS	L	FWS
5	LOWER MAHANADI	LM	M	FWS	L	SCT	L	SCT	M	FWS	M	WS
6	NAGAVALI	NV	L	FWS	L	SCT	L	SCT	M	FWS	M	WS
7	RUSHIKULIYA	RK	L	FWS	L	SCT	L	SCT	M	FWS	M	WS
8	SUBERNAREKHA	SR	M	FWS	M	FWS	M	FWS	M	FWS	L	FWS
9	UPPER MAHANADI	UM	M	WS	M	FWS	L	SCT	L	FWS	M	FWS
10	VAMSDHARA	VD	M	FWS	L	SCT	L	SCT	M	FWS	M	WS

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 (07.07.2023)		Day-2 (08.07.2023)		Day-3 (09.07.2023)		Day-4 (10.07.2023)		Day-5 (11.07.2023)	
			I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	NIL	NIL	H	ISOL	H	ISOL	H	ISOL	NIL	NIL
2	LOWER BRAHMANI	LB	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL
3	UPPER BRAHMANI	UB	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	H	ISOL
4	BHURABALANG	BB	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL
5	LOWER MAHANADI	LM	H	ISOL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL
6	NAGAVALI	NV	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL
7	RUSHIKULIYA	RK	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL
8	SUBERNAREKHA	SR	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
9	UPPER MAHANADI	UM	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	H	ISOL
10	VAMSDHARA	VD	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL

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	Su b- bas in Na me	QPF Probability (%)																													
		Day-1 (07.07.2023) (QPF categories)					Day-2 (08.07.2023) (QPF categories)					Day-3 (09.07.2023) (QPF categories)					Day-4 (10.07.2023) (QPF categories)					Day-5 (11.07.2023) (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
BAITRANI	BT																														
LOWER BRAHMANI	LB																														
UPPER BRAHMANI	UB																														
BHURABALA NG	BB																														
LOWER MAHANADI	LM																														
NAGAVALI	NV																														
RUSHIKULIY A	RK																														
SUBERNARE KHA	SR																														
UPPER MAHANADI	UM																														
VAMSDHAR A	VD																														
Probability of occurrence (%)		0-5					5-25					25-50					50-75					75-100									

Outlook for subsequent two days

S No	Basin Name	Sub-basin Name	OUTLOOK	
			Day-6 (12.07.2023)	Day-7 (13.07.2023)
1	BAITRANI	BT	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
2	LOWER BRAHMANI	LB	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
3	UPPER BRAHMANI	UB	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
4	BHURABALANG	BB	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
5	LOWER MAHANADI	LM	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
6	NAGAVALI	NV	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
7	RUSHIKULIYA	RK	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
8	SUBERNAREKHA	SR	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
9	UPPER MAHANADI	UM	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE
10	VAMSDHARA	VD	NO SIGNIFICANT CHANGE	NO SIGNIFICANT CHANGE

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	BAITARANI	Bhadrak(52.8)
2	LOWER BRAHMANI	Naktideul(49)
3	LOWER MAHANADI	Burla(96.6) ,burla(78.7), b.m.pur(64) ,rairakhol(62) ,hirakud(61.4) ,k nuagaon(58.4) ,phulbani(58.2) ,g.udaygiri(58) ,raikia(56.6) ,chakapad(51) ,phulbani(50)
4	RUSHIKULIYA	Daringibadi(54)
5	UPPER BRAHMANI	Jashpurnagar(49.2)
6	UPPER MAHANADI	Jamadaripalli(108.4), jashpurnagar(93.9), boranda(90.8), dhamtari(87.7) ,dharamjaygarh(87.6) ,tangarpali(87.2), patan(83.1) ,patharia(80) ,lephripara(76.4) ,lailunga(75.3) ,mainpur(75) ,deobhog(72.2) ,chhuikhadan(72.1) ,jharsuguda(71.4) ,pali(69.2) ,raipur(cwc)(67) ,nagari(65.3) ,bilha(65.2) ,deogaon(65) ,raipur(imd)(64.9) ,baloda(64.4) ,sundergarh(63.4) ,zondra(61.6) ,manendragarh(60.2) ,champa(57.9) ,dongargarh(57.5) ,bamnidihi(55) ,surajgarh(52.6) ,sund-rh(52.4) ,deogaon(50.8) ,bodla(49.2) ,mana-raipur-ap(48.8) ,duldula(48.7) ,baragaon(47.8)

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

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	10.0
2	LOWER BRAHMANI	LB	9.8
3	UPPER BRAHMANI	UB	18.0
4	BHURABALANG	BB	12.1
5	LOWER MAHANADI	LM	15.1
6	NAGAVALI	NV	9.8
7	RUSHIKULIYA	RK	10.7
8	SUBERNAREKHA	SR	12.8
9	UPPER MAHANADI	UM	28.4
10	VAMSDHARA	VD	7.1

(C.Behera, Met-B)
for Scientist-F & Head
FLOOD MET.OFFICE
M.C Bhubaneswar

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	3.0
2	ANDHIARKHOR	26.6
3	BAIKUNTHAPUR	21.4
4	BAMNIDIHI	55.0
5	BANGODAM	41.8
6	BARAGAON	47.8
7	BASANTAPUR	13.4
8	BORANDA	90.8
9	DEOGAON (IRRI)	65.0
10	DEOGAON (CWC)	50.8
11	DHARAMJAYGARH	87.6
12	GHATORA	15.4
13	HEMGIRI	45.0
14	JAMADARPALLI	108.4
15	JAMANKIRA	8.6
16	JHARSUGUDA (IMD)	71.4
17	KORBA	26.8
18	KUCHINDA	29.8
19	KURUBHATTA	14.6
20	KELO	37.8
21	MANENDRAGARH	60.2
22	MAHULPALI	5.0
23	NAWAPARA	44.8
24	LAIKERA	16.5
25	Gundardehi	16.4
26	Doundi	20.0
27	Gurur	39.6
28	DONDILOHARA	21.5
29	BALOD	16.1
30	PALLARI/PALARI	4.8
31	BALODA BAZAR	1.0
32	Kasdole	1.5
33	Bilaigarh	5.2
34	Bhatapara	12.0
35	Darbha	40.6
36	Saja	6.0
37	Berla	7.0
38	Nawagarh	12.1
39	Than Khamaria	9.0
40	BEMETARA	9.6
41	Masturi	65.2
42	Bilha	30.0
43	Kota	24.4
44	Takhatpur	21.6
45	BILASPUR	20.2
46	Kurud	65.3
47	Nagari	14.6
48	Magarlod	87.7
49	DHAMTARI	83.1
50	Patan	23.0
51	Dhamdha	3.0
52	DURG	72.2
53	DEOBHOG	10.3
54	GARIABUND	31.3
55	Chhura	75.0
56	Mainpur	20.3
57	Akaltara	33.8
58	Pamgarh	64.4
59	Baloda	12.5
60	Jaijaipur	20.0
61	Malkharoda	26.2
62	Dhabhara	33.8
63	SAKTI	22.3
64	JANUGIR	57.9
65	CHAMPA	12.3
66	Manora	31.6
67	Bagicha	48.7
68	Duldula	3.5
69	Kunkuri	46.3
70	Kansabel	9.0
71	Tapkara	9.7

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	93.9
73	JASHPURNAGAR	49.2
74	Bodla	8.6
75	Sahaspurlohara	5.4
76	Pandaria	4.0
77	KAWARDHA	8.6
78	Charama	32.0
79	Nerharpur	25.2
80	Poudi Uparora	18.0
81	Kartala	69.2
82	PALI	10.2
83	KATGHORA	16.4
84	Sonhat	6.0
85	Khadgava	30.9
86	Pithora	12.3
87	Bagbahara	2.8
88	Basana	5.5
89	MAHASAMUND	12.0
90	SARAIPALI	3.8
91	Patharia	80.0
92	Lormi	9.0
93	MUNGELI	25.5
94	Kharsiya	10.9
95	Lailunga	75.3
96	Pusaur	37.9
97	Baramkela	4.1
98	Tamnar	28.3
99	SARANGARH	26.2
100	RAIGARH	24.8
101	GHARGHODA	29.3
102	MANA-RAIPUR-AP	48.8
103	ARANG	6.1
104	Tilda	3.8
105	Abhanpur	11.7
106	Chhui khadan	72.1
107	Khairagarh	37.6
108	Chhuria	20.2
109	RAJNANDGAON	24.0
110	DONGARGARH	57.5
111	DONGARGAON	22.8
112	GANDAI	19.7
113	AMBAGARH CHOWKI	11.9
114	Premnagar	29.6
115	Ramanujnagar	13.4
116	Batoli	15.5
117	Sitapur	29.0
118	Lundra	10.5
119	KOLABIRA	46.4
120	PARMANPUR	29.8
121	PENDRA RD (CWC)	35.8
122	RAIPUR(IMD)	64.9
123	RAIPUR (CWC)	67.0
124	RAJIM	24.6
125	RAMPUR	2.6
126	SANKARA	23.8
127	SEORINARAYAN	5.8
128	SIMGA	35.2
129	SUNDERGARH (IMD)	63.4
130	SUND-RH (CWC)	52.4
131	SURAJGARH	52.6
132	THETTANG	12.8
133	GOPALPUR	38.6
134	ZONDRA	61.6
135	BALISANKRA	42.2
136	BAMRA	45.4
137	LEPHRIPARA	76.4
138	KUTRA	38.2
139	TANGARPALI	87.2
140	KIRMIRA	32.0
141	LAKHANPUR	44.0
	AVG	31.7

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	0.0
2	DERABIS	12.0
3	JHARBANDH	0.0
4	GAISILETE	7.0
5	PHIRINGIA	18.4
6	ALIPINGAL	3.0
7	ARMPUR	5.0
8	ATHAGARH	0.0
9	ATHAMALIK	0.0
10	BALIGUDA	38.0
11	BANPUR	0.0
12	BARGARH	9.2
13	BARMUL	10.5
14	BELGAON	7.0
15	BHAWANIPATNA(IMD)	33.0
16	BHUBANESWAR (IMD)	0.3
17	BIJEPUR	14.0
18	BINIKA	11.2
19	BOLANGIR (IMD)	6.5
20	BOUDA GARH	69.1
21	BURLA (CWC)	96.6
22	BURLA (IRRI)	78.7
23	CUTTACK (IMD)	1.2
24	CHILIKA	0.0
25	DASHPALLA	3.0
26	DUNGURIPALI	12.4
27	GOP	3.2
28	HARABHANGA	21.0
29	HIRAKUD (IMD)	61.4
30	JAIPATNA	4.0
31	JUNAGARH	7.8
32	KAKATPUR	5.0
33	KALINGA	40.0
34	KANAS	2.2
35	KANTAMAL (BDO)	5.6
36	KANTAMAL (CWC)	4.4
37	KENDRAPARA	0.0
38	KENDRAPARA (PTO)	0.0
39	KESINGA	11.0
40	KHANDAPADA* (BDO)	5.2
41	KHANDAPADA (CWC)	10.4
42	KHARIAR	6.0
43	KHAIRMAL (IRR)	3.0
44	KHAIRAMAL (CWC)	4.2
45	KOMNA	14.0
46	M. RAMPUR	7.5
47	MUNDALI	0.4
48	NARAJ	1.4
49	NARASINGHPUR	3.0
50	NAYAGARH	0.5
51	NIMAPARA	10.0
52	PADAMPUR	0.0
53	PADMABATI	14.4
54	PAIKAMAL	2.3
55	PARADEEP (IMD)	8.3
56	G.UDAYGIRI	58.0
57	PATNA GARH	15.0
58	PATAMUNDAI	0.0
59	PHULBANI (IMD)	50.0
60	PHULBANI (CWC)	58.2
61	PIPLI	0.0
62	PURI (IMD)	0.4
63	RAIRAKHOL	62.0
64	R.K NAGAR	35.6
65	RANPUR	3.6
66	SALBHATTA	6.0
67	SAMBALPUR (IMD)	33.2
68	SOHELA	28.0
69	SONEPUR	5.0
70	TANGI	0.0
71	TIKABALI	46.0

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
72	TIKARAPARA	31.6
73	TITLA GARH (IMD)	6.0
74	KOKSARA	4.0
75	TUREIKELA	3.0
76	KALAMPUR	22.0
77	SINAPALI	2.6
78	BODEN	5.0
79	LOISINGHA	5.0
80	TIRTOL	4.0
81	SAINTALA	6.0
82	NARLA	19.0
83	AGALPUR	15.0
84	RAIKIA	56.6
85	B.M.PUR	64.0
86	BARPALI	17.0
87	ATTABIRA	21.4
88	BHTALI	6.0
89	TH. RAMPUR	19.0
90	GUDELVA	20.4
91	DEOGAON	2.0
92	BANGAMUNDA	7.0
93	BIRIDI	0.0
94	NAUGAON	0.0
95	GOLAMUNDA	3.6
96	CHAKAPAD	51.0
97	KHAJURIPADA	29.0
98	MOHAKALAPADA	4.0
99	JATNI	0.0
100	BEGUNIA	8.0
101	BHAPUR	13.1
102	DHANKAUDA	33.0
103	JAGATSingHPUR(PTO)	7.2
104	KHORDHA(PTO)	0.0
105	CHANDAHANDI	10.0
106	JHORIGAM	2.4
107	DHARMAGARH	5.4
108	BELPADA	12.0
109	KHAPRAKHOL	4.0
110	TARVA	2.0
111	K NUAGAON	58.4
112	JUJUMURA	46.6
113	ULLUNDA	6.8
114	KARLAMUNDA	2.0
115	BOLAGARH	19.0
116	GANIA	0.0
117	BANKI	41.0
118	TIGIRIA	2.0
119	ASTARANGA	13.0
120	BRAHMAGIRI	0.0
121	KRISHNAPRASAD	0.0
122	KANTAPADA	0.0
123	MAHANGA	0.0
124	NIALI	0.0
125	NISCHINTAKOILI	11.0
126	SALEPUR	0.0
127	BALIKUDA	10.4
128	RAGHUNATHPUR	4.0
129	GARADAPUR	0.0
130	MARSAGHAI	0.0
131	BALIPATNA	0.0
132	KUJANGA	4.0
133	NUAUGAON	4.5
134	ODAGAON	1.8
135	BASANA	5.5
136	DEOBHOG	10.3
	AVG	13.6

Date:-07.07.2023

Sl No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	31.6
2	LAHUNIPARA	17.0
3	PALLAHARA	17.0
4	PANPOSH	9.0
5	RAJGANGA PUR	37.0
6	BARKOTE	10.8
7	BONAI	13.0
8	DEOGARH	17.0
9	MANDIRADAM	26.0
10	TENSA	0.0
11	LATHIKATA	7.5
12	JODA	29.4
13	GURUNDIA	4.4
14	PALKOT	0.8
15	RAIDIH	0.0
16	KURU	0.0
17	LOHARDAGA	2.8
18	MANDAR	0.0
19	KOLEBIRA	4.2
20	KURDEG	0.0
21	SIMDEGA	9.2
22	JASHPURNAGAR	49.2
23	RAURKELA(Airport)	4.1
	AVG	12.6
LOWER BRAHMANI		
1	REAMAL	28.0
2	RENGALI	5.4
3	ALTUMA	0.2
4	ANGUL (IMD)	10.4
5	BATAGAON	10.5
6	CHHENDIPADA	0.0
7	DHENKANAL	0.0
8	DHENKANAL (PTO)	0.0
9	HINDOL	6.0
10	JENAPUR	18.8
11	KAMAKHYA NGR	0.0
12	NAKTIDEUL	49.0
13	SUKINDA	5.0
14	TALCHER	TRACE
15	TELKOI	3.6
16	KANKADAHAD	4.0
17	JAJPUR	1.0
18	JAJPUR (PTO)	1.0
19	RAJ KANIKA	0.0
20	AUL	0.0
21	RAJNAGAR	11.0
22	BANARPAL	0.0
23	KANIHA	0.0
24	PARJANG	0.0
25	GONDIA	0.0
26	BHUBAN	3.0
27	DANAGADI	21.0
28	KOREI	40.0
29	CHANDIKHOL	0.0
30	BARI	2.2
31	BINJHARPUR	0.0
	AVG	7.3

Source:-Met Centre Bhubaneswar

[illegible]

Sl No	Name of Stations	Rainfall (in mm)
RUSHIKULYA		
1	BUGUDA	0.0
2	ASKA	0.0
3	BERHAMPUR	0.0
4	BHANJANAGAR	15.0
5	CHHATRAPUR	0.0
6	DARINGIBADI	54.0
7	GOPALPUR (IMD)	0.0
8	MADHABARIDA	12.0
9	PUSOTTAMPUR	0.0
10	DIGAPAHANDI	0.0
11	JAGANNATHPRASAD	4.4
12	SORADA	2.8
13	POLASARA	0.0
14	KODALA	0.0
15	RANGELUNDA	0.0
16	KUKUDAHANDI	0.0
17	PATRAPUR	0.0
18	SANKHEIMUNDI	0.0
19	DHARAKOTE	0.0
20	SHERAGADA	0.0
21	GANJAM	0.0
22	BELAGUNTHA	18.6
23	HINJILI	0.0
	AVG	4.6
VANSADHARA		
1	AMBADOLA	10.5
2	BISSAM CUTTACK	14.4
3	GOTTA BARRAGE	25.0
4	GUDARI	0.0
5	GUNUPUR	0.0
6	KALINGA-NAM (IMD)	0.0
7	KASHINAGAR	10.4
8	KOTAGARH	16.0
9	KOTRAGUDA	13.4
10	MAHENDRAGARH	0.8
11	MOHANA	1.8
12	PARAKHEMUNDI	10.0
13	R.GUDA	0.0
14	NUAGADA	0.0
15	MUNIGUDA	14.3
16	R.UDAYAGIRI	8.3
17	LANJIGARH	21.4
18	NELIAPUTY	NR
19	SIRJHOLY	NR
20	GUMMA	4.0
21	GOSANI	0.0
22	CHADRAPUR	13.2
23	Balajipeta	0.0
	AVG	7.8

Sl No	Name of Stations	Rainfall (in mm)
SUBERNAREKHA		
1	SARASAKANA	22.0
2	BHOGARAI	31.0
3	FEKOGHAT	19.8
4	GHATSILA	0.6
5	JALESWAR	36.0
6	JAMSEDPUR (IMD)	2.6
7	JAMSEDPUR (CWC)	0.4
8	JAMSOLAGHAT	4.0
9	RAIRANG PUR	8.0
10	RAJGHAT	7.4
11	RANCHI	17.9
12	TIRING	21.8
13	BIJATALA	5.0
14	KUSUMI	6.0
15	JAMDA	6.0
16	ARKI	5.0
17	ICAR NAMKUM	17.4
18	ORMANJIHI	10.4
19	CHANDIL	13.2
20	KHARSEMA	14.8
21	NIMDIH	0.0
22	CHAIBASA	39.6
23	CHAKRADHARPUR	0.0
24	BAHALDA	0.0
	AVG	12.0
BUDHABALANGA		
1	BALASORE (IMD)	0.0
2	BALASORE (CWC)	1.0
3	BALIMUNDALI	7.8
4	BANGIRIPOSHI	14.4
5	BARIPADA (IMD)	32.2
6	BARIPADA (CWC)	14.8
7	CHANDANPUR	26.4
8	JAIPUR	8.4
9	NAWANA	14.0
10	NH-5, GOVINDPUR	0.0
11	NILGIRI	22.0
12	SORO	12.0
13	BETANATI	10.0
14	UDALA	27.0
15	BAHANAGA	5.0
16	KHAIRA	4.0
17	MURUDA	3.0
18	SULIAPADA	10.0
19	G.B.NAGAR	5.0
20	REMUNA	0.0
21	SAMAKHUNTA	24.0
22	BASUDEVPUR	10.0
23	CHANDUA(KULIANA)	27.0
24	RASAGOVINDAPUR	0.0
25	OUPADA	28.0
	AVG	12.2

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

Date:07.07.2023

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			16. KANDHAMAL			21. MALKANGIRI			27. RAYAGADA		
1	Angul	10.4	1	Barkote	10.8	4	Madanpur Rampur	7.5	1	Malkangiri	68.6	1	Rayagada	7.8
2	Banarpal	0.0	2	Deogarh	17.0	5	Narla	19.0	2	Mathili	90.0	2	Kolnara	1.2
3	Chhendipada	0.0	3	Reamal	28.0	6	Lanjigarh	21.4	3	Khoirput	68.0	3	Kalyansingpur	46.4
4	Talcher	0.0	Avg		18.6	7	Thuumul Rampur	19.0	4	Chitrakonda (K.Gumma)	3.0	4	Kashipur	9.0
5	Kaniha	0.0	9. DHENKANAL			8	Dharmagarh	5.4	5	Korukonda	27.0	5	Gunupur	0.0
6	Athamalik	0.0	1	Dhenkanal	0.0	9	Junagarh	7.8	6	Kalimela	30.0	6	Padmapur	0.0
7	Kishorenagar	35.6	2	Gondia	0.0	10	Kalampur	22.0	7	Podia	19.0	7	Gudari	12.2
8	Pallahara	17.0	3	Odapada	22.0	11	Jayapatna	4.0	Avg		43.7	8	Ramanaguda	0.0
Avg		7.9	4	Hindol	6.0	12	Kokasara	4.0	22. MAYURBHANJ			9	Bissam Cuttack	14.4
2. BALASORE			5	Kamakhyanagar	0.0	13	Golamunda	3.6	1	Samakhunta	24.0	10	Muniguda	14.3
1	Bhograi	31.0	6	Bhuban	3.0	Avg		11.0	2	Badasahi	6.0	11	Chandrapur	13.2
2	Basta	0.0	7	Parjang	0.0	16. KANDHAMAL			3	Betanati	10.0	Avg		10.8
3	Jaleswar	36.0	8	Kankadahad	4.0	1	Baliguda	38.0	4	Morda	3.0	28. SAMBALPUR		
4	Baliapal	5.0	Avg		4.4	2	Chakapad	51.0	5	Rasgovindapur	0.0	1	Jujumura	46.6
5	Balasore	0.0	10. GAJAPATI			3	Daringibadi	54.0	6	Kuliana	27.0	2	Dhankauda	33.0
6	Remuna	0.0	1	Kasinagar	15.6	4	G.Udayagiri	58.0	7	Sarasakana	22.0	3	Rengali	54.2
7	Niliagiri	22.0	2	Paralakhemundi	10.0	5	Khajuripada	29.0	8	Sulapada	10.0	4	Maneswar	66.6
8	Soro	12.0	3	Rayagada	13.4	6	Kotagarh	16.0	9	Bangriposi	14.4	5	Kuchinda	29.8
9	Bahanaga	5.0	4	Gumma	4.0	7	Nuagaon	58.4	10	Baripada	40.0	6	Jamankira	8.6
10	Simulia	4.0	5	Nuagada	0.0	8	Phiringia	18.4	11	Khunta	4.5	7	Bamra	45.4
11	Khaira	4.0	6	R.Udaygiri	8.3	9	Phulbani	50.0	12	Gopabandhunagar	5.0	8	Rairakhol	62.0
12	Oupada	28.0	7	Mohana	2.0	10	Raikia	56.6	13	Udala	27.0	9	Naktideul	49.0
Avg		12.3	8	Gosani	0.0	11	Tikabali	46.0	14	Kaptipada	9.0	Avg		43.9
3. BARGARH			Avg		6.7	12	Tumudibandh	3.4	15	Besoi	7.0	29. SUBARNAPUR		
1	Ambabhona	3.0	11. GANJAM			Avg		39.9	16	Bijatata	5.0	1	Sonepur	7.0
2	Attabira	21.4	1	Chhatrapur	0.0	17. KENDRAPARA			17	Rairangapur	3.0	2	Binika	11.2
3	Bargarh	11.2	2	Ganjam	0.0	1	Kendrapara	0.0	18	Kusumi	6.0	3	Tarbha	2.0
4	Barpali	17.0	3	Purusottampur	0.0	2	Derabis	12.0	19	Jamda	6.0	4	Dunguripali	12.4
5	Bhatli	6.0	4	Kabisuryanagar	0.0	3	Marshaghai	0.0	20	Bahalda	0.0	5	Birmaharajpur	64.0
6	Bheden	37.2	5	Polasara	0.0	4	Mohakalpara	4.0	21	Tiring	21.8	6	Ullunda	6.8
7	Bijepur	14.0	6	Kodala	0.0	5	Garadapur	0.0	22	Joshipur	0.0	Avg		17.2
8	Gaisilet	7.0	7	Khalikot	0.0	6	Pattamundai	0.0	23	Karanjia	7.0	30. SUNDARGARH		
9	Jharbandh	0.0	8	Hinjilicut	0.0	7	Aul	0.0	24	Thakurmunda	11.1	1	Hemgir	45.0
10	Padampur	0.0	9	Rangailunda	0.0	8	Rajnagar	11.0	25	Sukuruli	0.0	2	Lephripura	76.4
11	Paikmal	2.3	10	Kukudakhandi	0.0	9	Rajkanika	0.0	26	Raruana	2.0	3	Tangarpali	87.2
12	Sohela	28.0	11	Chikiti	0.0	Avg		3.00	Avg		10.4	4	Sundargarh	63.4
Avg		12.3	12	Patrapur	0.0	18. KEONJHAR			23. NAWARANGPUR			5	Subdega	16.2
4. BHADRAK			13	Sanakhemundi	0.0	1	Keonjhar	17.2	1	Nawarangpur	15.0	6	Balisankara	42.2
1	Bhadrak	52.8	14	Digapahandi	0.0	2	Banspal	7.2	2	Nandahandi	9.0	7	Bargaon	47.8
2	Bhandaripokhari	5.0	15	Bhanjanagar	15.0	3	Telkoi	3.6	3	Tentulikhunti	7.0	8	Kutra	38.2
3	Basudevpur	10.0	16	Belaguntha	18.6	4	Patna	2.2	4	Papadahandi	15.0	9	Rajgangpur	37.0
4	Bonth	9.5	17	Jagannathprasad	4.4	5	Saharpada	4.2	5	Kosagumuda	24.2	10	Kuarmunda	3.2
5	Chandbali	0.0	18	Buguda	0.0	6	Ghatgaon	10.2	6	Dabugaoon	74.2	11	Nuagaon	14.3
6	Dhamnagar	5.0	19	Aska	0.0	7	Harichandanpur	0.0	7	Umerkote	5.5	12	Bisra	12.0
7	Tihidi	0.0	20	Dharakote	0.0	8	Anandapur	5.7	8	Raighar	0.0	13	Lathikata	7.5
Avg		11.8	21	Sheragada	0.0	9	Ghasipura	0.0	9	Jharigaon	2.4	14	Bonai	13.0
5. BALANGIR			22	Sorada	14.0	10	Hatadihi	14.2	10	Chandahandi	10.0	15	Lahunipara	17.0
1	Balangir	6.5	Avg		2.4	11	Champua	40.0	Avg		16.2	16	Gurundia	4.4
2	Puintala	7.0	12. JAGATSINGHPUR			12	Joda	29.4	24. NAYAGARH			17	Koira	26.0
3	Gudvella	20.4	1	Jagatsinghpur	4.2	13	Jhumpura	2.2	1	Bhapur	13.1	Avg		32.4
4	Duduka	15.0	2	Biridi	0.0	19. KHORDHA			2	Daspalla	3.0	25. NUAPADA		
5	Deogaon	2.0	3	Raghunathpur	4.0	1	Balianta	0.0	3	Gania	0.0	26. PURI		
6	Loisingha	5.0	4	Balikuda	10.4	2	Balipatna	0.0	4	Khandapara	5.2	1	Astarang	13.0
7	Patnagarh	15.0	5	Naugaon	0.0	3	Bhubaneswar	2.0	5	Nayagarh	0.0	2	Brahmagiri	0.0
8	Belpada	12.0	6	Tirtol	4.0	4	Jatani	0.0	6	Nuagaon	4.5	3	Delang	0.0
9	Khaprakhol	4.0	7	Kujanga	4.0	5	Banapur	0.0	7	Odagaon	1.8	4	Gop	3.2
10	Titilagarh	6.0	8	Erasama	5.2	6	Begunia	8.0	8	Ranpur	3.6	5	Kakatpur	5.0
11	Tureikela	3.0	Avg		4.0	7	Bolagarh	19.0	Avg		3.9	6	Kanas	0.0
12	Bangomunda	7.0	13. JAJPUR			8	Chilika	0.0	25. NUAPADA			7	Krushnaprasad	0.0
13	Muribahal	5.5	1	Jajpur	1.0	9	Khordha	0.0	1	Boden	5.0	8	Nimapara	6.0
14	Saintala	6.0	2	Binjharpur	0.0	10	Tangi	0.0	2	Khariar	6.0	9	Pipili	3.0
Avg		8.2	3	Dasarathpur	6.0	Avg		2.9	3	Komma	14.0	10	Puri	0.0
6. BOUDH			4	Korei	40.0	20. KORAPUT			4	Nuapada	44.8	11	Satyabadi	0.0
1	Boudh	69.0	5	Danagadi	21.0	1	Koraput	37.0	5	Sinapali	2.6	Avg		2.7
2	Kantamal	5.6	6	Sukinda	5.0	2	Lamataput	18.4	26. PURI			26. PURI		
3	Harabhanga	21.0	7	Rasulpur	12.8	3	Pottangi	4.0	1	Astarang	13.0	1	Astarang	13.0
Avg		31.9	8	Dharmasala	0.0	4	Bandhugaon	0.0	2	Brahmagiri	0.0	2	Brahmagiri	0.0
7. CUTTACK			9	Badachana	3.0	5	Nandapur	8.0	3	Delang	0.0	3	Delang	0.0
1	Athagarh	0.0	10	Bari	2.2	6	Dasmantpur	13.0	4	Gop	3.2	4	Gop	3.2
2	Banki-Dampada	41.0	Avg		9.1	7	Narayanpatna	4.6	5	Kakatpur	5.0	5	Kakatpur	5.0
3	Barang	0.0	14. JHARSUGUDA			8	Laxmipur	3.0	6	Kanas	0.0	6	Kanas	0.0
4	Badamba	0.0	1	Jharsuguda	65.0	9	Similiguda	10.0	7	Krushnaprasad	0.0	7	Krushnaprasad	0.0
5	Cuttack Sadar	0.0	2	Kolabira	46.4	10	Jeypore	61.2	8	Nimapara	6.0	8	Nimapara	6.0
6	Kantapada	0.0	3	Laikera	16.5	11	Kotpad	26.0	9	Pipili	3.0	9	Pipili	3.0
7	Mahanga	0.0	4	Kirmira	32.0	12	Kundra	21.6	10	Puri	0.0	10	Puri	0.0
8	Niali	0.0	5	Lakhanpur	44.0	13	Borigumma	9.6	11	Satyabadi	0.0	11	Satyabadi	0.0
9	Nischintakolli	11.0	Avg		40.8	14	Boipariguda	95.0	Avg		2.7	26. PURI		
10	Narsinghpur	3.0	15. KALAHANDI			Avg		22.2	26. PURI			26. PURI		
11	Salepur	0.0	1	Bhabanipatna	16.0									
12	Tangi-Choudwar	4.0	2	Kesinga	11.0									
13	Tigiria	2.0	3	Karlamunda	2.0									
Avg		4.7												

Source:-SRC,Bhubaneswar