



Flood Bulletin, 2023

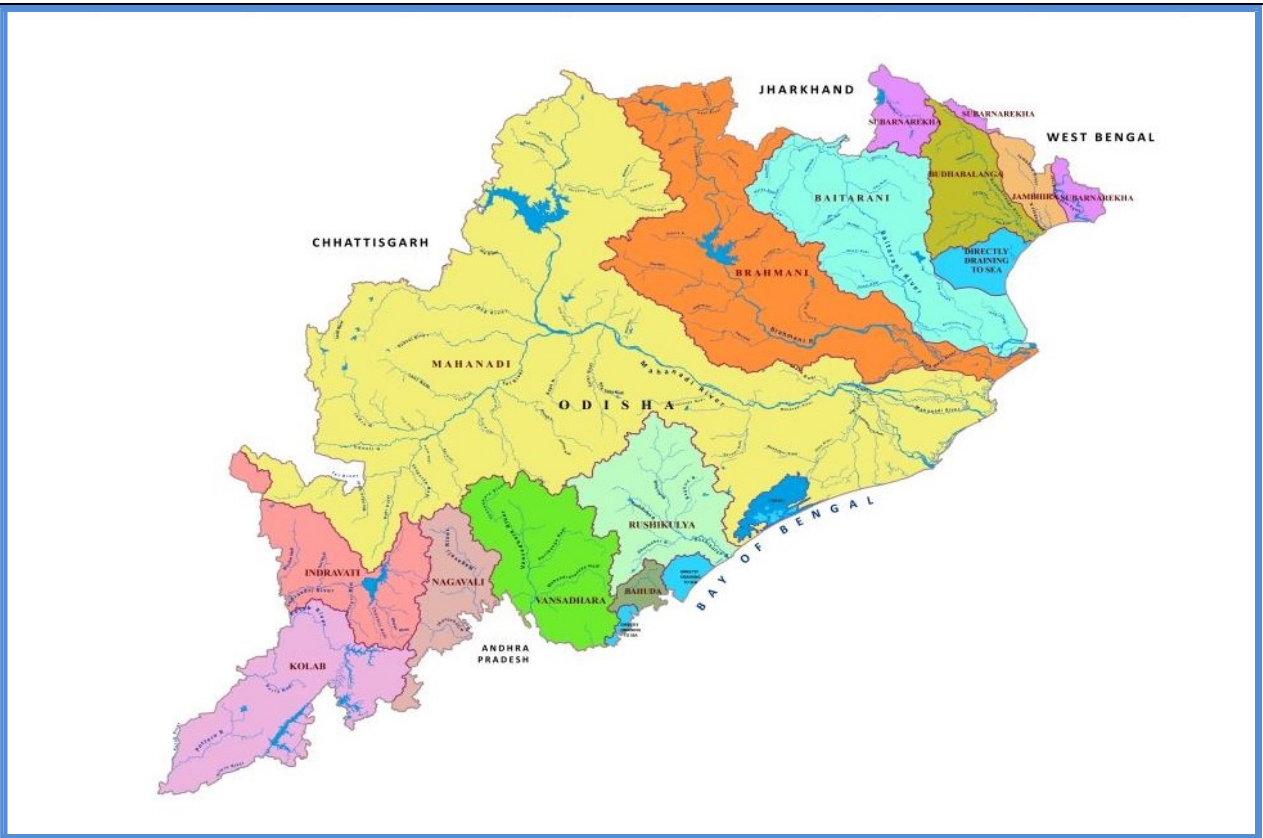
Government of Odisha

Department of Water Resources

Volume No.97

Date: 05.09.2023

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	101.48	S	-7.52	108.31	19.09.08
	Tikarpara	-	-	12:00	56.98	R	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	22.47	S	-3.94	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	3.68	S	-7.08	11.60	31.08.82
Devi	Alipingala	11.76	10.85	12:00	2.51	S	-9.25	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	171.95	R	-6.47	181.44	24.09.11
	Rengali	88.0	-	12:00	77.30	F	-10.70	92.25	18.08.75
	Talcher	62.91	-	12:00	54.83	F	-8.08	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	19.09	R	-3.91	24.78	20.08.75
	Indupur	8.23	-	12:00	3.00	S	-5.23	-	-
Baitarani	Champua	376.41	375.33	12:00	371.60	S	-4.81	379.06	23.09.11
	Swampatna	311.1	-	12:00	305.50	S	-5.60	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	33.63	R	-4.73	41.80	19.08.75
	Akhuapada	18.33	17.83	12:00	17.33	R	-1.00	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.94	R	-	85.80	09.11.95
	Baripada	30.92	29.7	12:00	22.20	R	-8.72	37.20	12.10.73
	Balimundali	-	-	12:00	37.70	S	-	42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	2.30	S	-5.83	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	116.06	F	-7.44	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	44.36	S	-4.80	56.91	03.09.78
	Rajghat	10.36	9.45	12:00	4.41	R	-5.95	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.50	6.0	12:00	5.12	R	-1.38	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	12:00	77.91	R	-4.08	83.21	04.11.90
	Madhabarida	60.65	-	12:00	56.46	R	-4.19	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	12.20	R	-4.64	19.60	04.11.90
Vansadhara	Gudari	-	-	12:00	114.30	R	-	121.82	17.09.80
	Gunupur	84.0	83.0	12:00	80.91	F	-3.09	88.75	17.09.80
	Kashinagar	54.6	53.6	12:00	52.52	R	-2.08	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) R.L/ Live Storage Avl (%)	Inflow	Total Outflow	Gates Open (Nos)/ Trend
1.Hirakud 12:00Hr	590.0 ft	630.0ft	620.21 ft	<u>3042.0 Mcum</u> 4822.83Mcum (63.1%)	<u>624.40 ft</u> 76.9%	46592.0 Cusec	35534.0 Cusec	0/98 Rising
2.Rengali 12:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	116.67 m.	<u>132781.0 Ham</u> 341371.0 Ham (38.9%)	<u>121.70 m</u> 83.0%	342.99 Cumec	167.21 Cumec	0/27 Rising
3.U. Indravati 09:00Hr	625.0 m	<u>642 m</u> 643 m	631.48 m.	<u>44830.0 Ham</u> 148550.0 Ham (30.2%)	<u>640.6 m</u> 87.5%	58.66 Cumec	58.66 Cumec	0/12 Constant
4.UpperKolab 08:00Hr	844.0 m	858.0 m	851.58 m.	<u>394.98 Mcum</u> 935.0 Mcum (42.2%)	<u>852.50 m</u> 49.8%	114.44 Cumec	45.11 Cumec	0/11 Rising
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1471.90 ft	<u>80253.0 Ham</u> 267600.0 Ham (30.0%)	<u>1472.9 ft</u> 31.2%	6725.0 Cusec	4179.24 Cusec	0/12 Rising
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2713.05ft	<u>21318.0Ham</u> 89254.7 Ham (23.9%)	<u>2725.3 ft</u> 42.2%	2333.0 Cusec	1610.0 Cusec	2/12 Rising
7.Salandi 06:00Hr	50.24 m	<u>82.3 m</u> 83.21m	76.98 m.	<u>39295.0 Ham</u> 55650.0 Ham (70.6%)	<u>77.30 m</u> 72.1%	52.01 Cumec	3.87 Cumec	0/11 Rising
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	262.39 m.	<u>23263.90 Ham</u> 31425.2Ham (74.0%)	<u>262.70 m</u> 77.1%	20.24 Cumec	24.25 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	37,270 Cusec	35,889 Cusec	During last 24 Hrs ending 08:00Hrs of 05.09.2023
Rengali	307.42 Cumec	387.29 Cumec	During last 24 Hrs ending 06:00Hrs of 05.09.2023

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	8,120
	Tarapur	12:00	BG
	Saradihi	12:00	31,760
	Kalma	09:00	NR
	Deogaon	12:00	4,600
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	54,400
	Barmul	12:00	64,000
	Mundali	12:00	53,800
Tel	Patharla	12:00	22,779
Baitarani	NH-5 Akhuapada	08:00	NR
Brahmani	Pankapal	08:00	22,309
Subarnarekha	Rajghat	08:00	7,344
Rushikulya	Purusottampur	09:00	2,009

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	45.2%	17.	Harabhangi	18.9%	33.	Ret	87.4%
2.	Baghalati	50.8%	18.	Harihorjore	96.4%	34.	Rukura	77.1%
3.	Baghua	20.0%	19.	Jambira*	2.5%	35.	Saipala	41.3%
4.	Bankabahal	81.0%	20.	Jharbandh*	52.1%	36.	Salia*	50.1%
5.	Bhanjanagar	65.1%	21.	Kalo	87.2%	37.	Sapua*	63.2%
6.	Bhaskel*	33.5%	22.	Kanjhari	76.7%	38.	Saraphgarh	43.2%
7.	Budhabudhiani	61.1%	23.	Kansabahal	79.9%	39.	Satiguda*	95.9%
8.	Dadarghati*	44.3%	24.	Khadkhai	67.8%	40.	Soroda*	32.0%
9.	Daha	20.3%	25.	Kuanria	41.4%	41.	Sunder	47.7%
10.	Deo	89.4% (4)	26.	Mandira	52.9% (3)	42.	Sunei	72.5%
11.	Derjang	76.1%	27.	Manjore	71.3%	43.	Talsara	84.4%
12.	Dhanei*	33.2%	28.	Nesa*	83.7%	44.	Telengiri	70.0%
13.	Dumberbahal	76.7%	29.	Pilasalki*	100%	45.	Titlagarh	32.9%
14.	Ghodahada	29.4%	30.	Pitamahal*	93.3%	46.	Upper Jonk	69.6%
15.	Gohira	83.4%	31.	Ramial	81.8%	47.	Upper Suktel*	61.0%
16.	Haladia	15.0%	32.	Remal	80.7%			

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

Above 75%
 Above 90%

Medium Reservoir: 47 Nos

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

Below 50%: 16 Nos., Between 50% to 75%: 13 Nos., Above 75%:18 Nos.

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (05.09.2023)

No. of Gates Open/Total Gates:

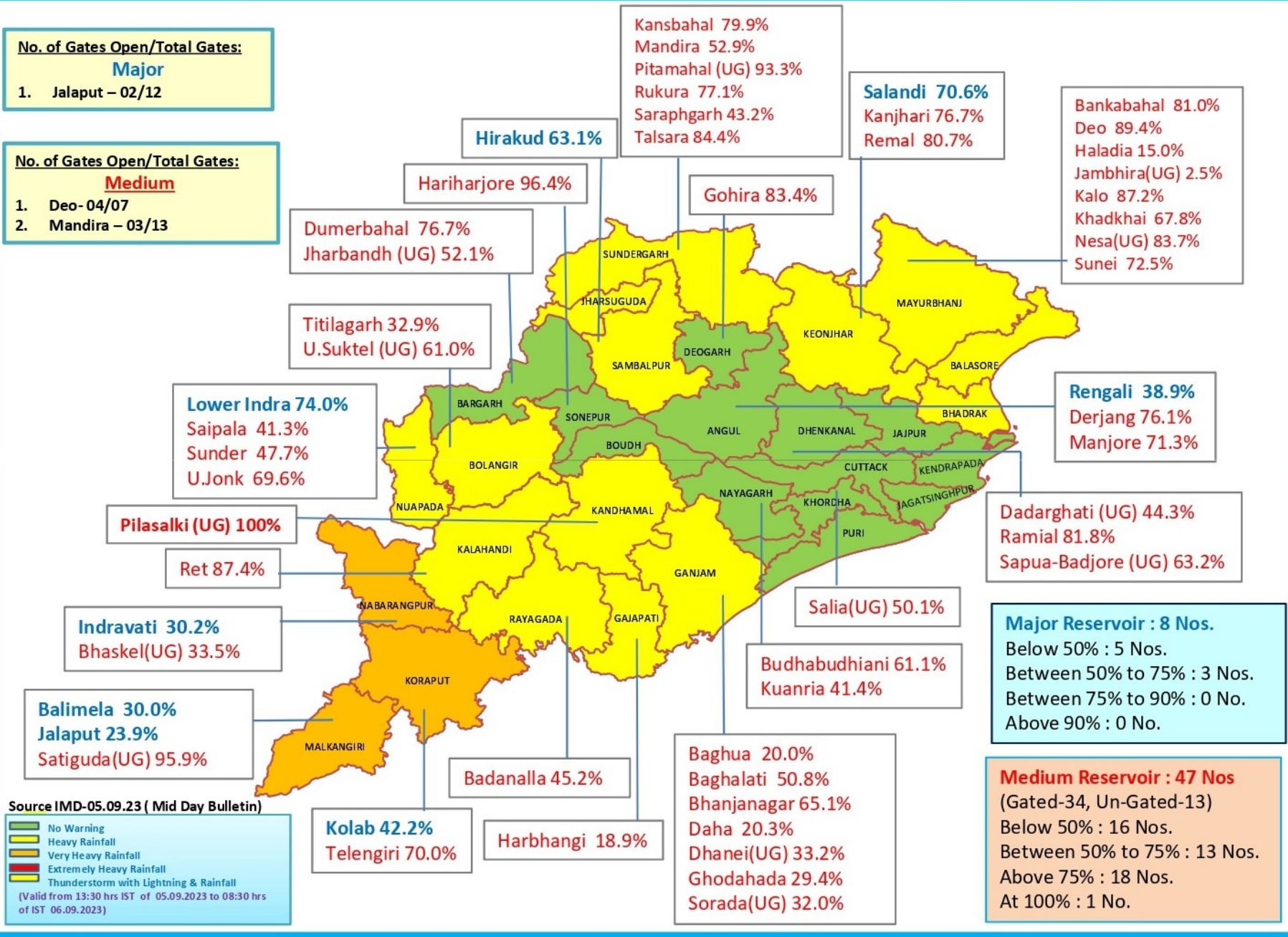
Major

1. Jalaput – 02/12

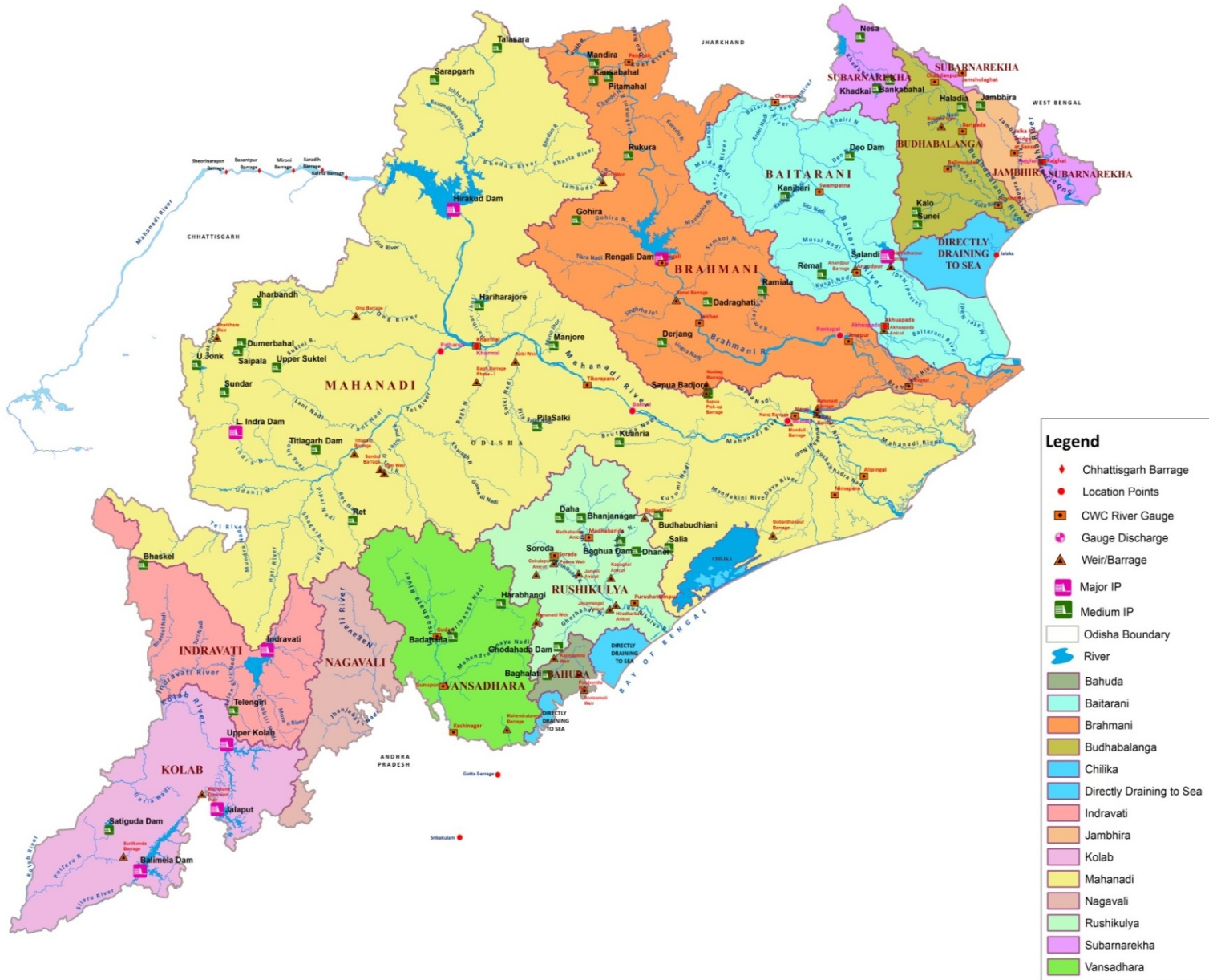
No. of Gates Open/Total Gates:

Medium

1. Deo- 04/07
2. Mandira – 03/13



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
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Ref No: FM/HM Bulletin/97

Dated: 05/09/2023
 Time of Issue: 1300 hrs IST

HYDROMET BULLETIN

1) **Synoptic Situation**

- The Low Pressure Area over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts with the associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height persists. It is very likely to move nearly westwards across south Odisha and south Chhattisgarh during next 24 hours.
- The western end of Monsoon Trough runs along the foothills of the Himalayas and its eastern end now passes through Najibabad, Lucknow, Satna, Raipur and thence southeastwards to the centre of Low Pressure Area over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts.

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

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (05.09.23)	Day-2 (06.09.23)	Day-3 (07.09.23)	Day-4 (08.09.23)	Day-5 (09.09.23)	Day-6 (10.09.23)	Day-7 (11.09.23)
1	BAITRANI	BT	11-25	11-25	11-25	11-25	11-25	0.1-10	0.1-10
2	LOWER BRAHMANI	LB	11-25	11-25	11-25	11-25	11-25	0.1-10	0.1-10
3	UPPER BRAHMANI	UB	11-25	11-25	11-25	11-25	11-25	0.1-10	0.1-10
4	BHURABALANG	BB	11-25	11-25	11-25	11-25	11-25	0.1-10	0.1-10
5	LOWER MAHANADI	LM	11-25	11-25	11-25	11-25	0.1-10	0.1-10	0.1-10
6	NAGAVALI	NV	26-37	11-25	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
7	RUSHIKULIYA	RK	11-25	11-25	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
8	SUBERNAREKHA	SR	11-25	11-25	11-25	11-25	11-25	0.1-10	0.1-10
9	UPPER MAHANADI	UM	11-25	11-25	11-25	11-25	0.1-10	0.1-10	0.1-10
10	VAMSDHARA	VD	11-25	11-25	0.1-10	11-25	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 (05.09.23)		Day-2 (06.09.23)		Day-3 (07.09.23)		Day-4 (08.09.23)		Day-5 (09.09.23)		Day-6 (10.09.23)		Day-7 (11.09.23)	
			I	D	I	D	I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	M	WS	M	WS	M	WS	M	WS	M	FWS	L	SCT	L	SCT
2	LOWER BRAHMANI	LB	M	WS	M	FWS	M	WS	M	FWS	M	FWS	L	SCT	L	SCT
3	UPPER BRAHMANI	UB	M	WS	M	WS	M	WS	M	WS	M	FWS	L	SCT	L	SCT
4	BHURABALANG	BB	M	WS	M	WS	M	WS	M	FWS	M	FWS	L	SCT	L	SCT
5	LOWER MAHANADI	LM	M	WS	M	WS	M	FWS	M	FWS	L	SCT	L	SCT	L	SCT
6	NAGAVALI	NV	M	WS	M	FWS	L	FWS	L	FWS	L	SCT	L	SCT	L	SCT
7	RUSHIKULIYA	RK	M	WS	M	FWS	L	FWS	L	FWS	L	SCT	L	SCT	L	SCT
8	SUBERNAREKHA	SR	M	WS	M	WS	M	WS	M	FWS	M	FWS	L	SCT	L	SCT
9	UPPER MAHANADI	UM	M	WS	M	WS	M	WS	M	WS	L	FWS	L	SCT	L	SCT
10	VAMSDHARA	VD	M	WS	M	WS	L	FWS	M	FWS	L	SCT	L	SCT	L	SCT

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 (05.09.23)		Day-2 (06.09.23)		Day-3 (07.09.23)		Day-4 (08.09.23)		Day-5 (09.09.23)		Day-6 (10.09.23)		Day-7 (11.09.23)	
			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	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	UPPER BRAHMANI	UB	H	ISOL	H	ISOL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
4	BHURABALAN G	BB	H	ISOL	H	ISOL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
5	LOWER MAHANADI	LM	H	ISOL	H	ISOL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
6	NAGAVALI	NV	VH	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	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
9	UPPER MAHANADI	UM	H	ISOL	H	ISOL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
10	VAMSDHARA	VD	H	ISOL	H	ISOL	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
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.			

4) River Sub-basin-wise Probabilistic QPF

Basin Name	Sub-basin Name	QPF Probability (%)																																									
		Day-1 (05.09.2023) (QPF categories)					Day-2 (06.09.2023) (QPF categories)					Day-3 (07.09.2023) (QPF categories)					Day-4 (08.09.2023) (QPF categories)					Day-5 (09.09.2023) (QPF categories)					Day-6 (10.09.2023) (QPF categories)					Day-7 (11.09.2023) (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																																										
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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 (≥ 44.6 MM.)
1	BHURABALANG	Suliapada(132),G.B.Nagar(98),Balimundali(79.6),Khaira(64),Remuna(62), Udala(61),Balasore(Cwc)(59.6)
2	LOWER BRAHMANI	Bhuban(72),Banarpal(56.6)
3	LOWER MAHANADI	Banki(85),Ranpur(66.8)
4	NAGAVALI	Bobbili(92.6),Parvathipuram(78.4),Therlam(76.8)
5	RUSHIKULIYA	Belaguntha(142.4),Bhanjanagar(82),Daringibadi(69)
6	SUBERNAREKHA	Bhogarai(58),Jamsolaghat(57.2)
7	UPPER MAHANADI	Kolabira(66.4),Kuchinda(60.3),Kirmira(60),Sundrh(59)
8	VAMSDHARA	Balijipeta(88.2),Nuagada(78)

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

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	15.6
2	LOWER BRAHMANI	LB	18.7
3	UPPER BRAHMANI	UB	14.7
4	BHURABALANG	BB	35.9
5	LOWER MAHANADI	LM	12.9
6	NAGAVALI	NV	21.0
7	RUSHIKULIYA	RK	24.2
8	SUBERNAREKHA	SR	17.7
9	UPPER MAHANADI	UM	16.1
10	VAMSDHARA	VD	19.1

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

RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:-05.09.2023

SI No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	5.0
2	ANDHIARKHOR	30.0
3	BAIKUNTHAPUR	0.0
4	BAMNIDIHI	4.4
5	BANGODAM	46.2
6	BARAGAON	11.0
7	BASANTAPUR	3.0
8	BORANDA	3.0
9	DEOGAON (IRRI)	29.0
10	DEOGAON (CWC)	4.2
11	DHARAMJAYGARH	19.8
12	GHATORA	40.0
13	HEMGIRI	10.0
14	JAMADARPALLI	4.0
15	JAMANKIRA	38.6
16	JHARSUGUDA (IMD)	9.0
17	KORBA	20.2
18	KUCHINDA	60.3
19	KURUBHATTA	22.0
20	KELO	23.4
21	MANENDRAGARH	3.6
22	MAHULPALI	44.6
23	NAWAPARA	0.0
24	LAIKERA	54.0
25	Gundardehi	15.8
26	Doundi	3.7
27	Gurur	2.9
28	DONDILOHARA	11.9
29	BALOD	6.6
30	PALLARI/PALARI	29.0
31	BALODA BAZAR	17.0
32	Kasdole	26.0
33	Bilaigarh	2.7
34	Bhatapara	5.0
35	Darbha	0.0
36	Saja	31.0
37	Berla	22.8
38	Nawagarh	18.3
39	Than Khamaria	39.0
40	BEMETARA	14.7
41	Masturi	26.4
42	Bilha	21.0
43	Kota	26.6
44	Takhatpur	15.0
45	BILASPUR	27.4
46	Kurud	10.5
47	Nagari	0.0
48	Magarlod	0.0
49	DHAMTARI	3.3
50	Patan	5.2
51	Dhamdha	19.3
52	DURG	13.8
53	DEOBHOG	0.0
54	GARIABUND	0.0
55	Chhura	0.0
56	Mainpur	0.0
57	Akaltara	31.7
58	Pamgarh	15.0
59	Baloda	26.6
60	Jaijaipur	7.8
61	Malkharoda	21.2
62	Dhabhara	22.2
63	SAKTI	10.9
64	JANUGIR	21.0
65	CHAMPA	23.1
66	Manora	8.1
67	Bagicha	10.5
68	Duldula	6.5
69	Kunkuri	5.6
70	Kansabel	9.8
71	Tapkara	34.0

SI No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	39.0
73	JASHPURNAGAR	12.5
74	Bodla	13.8
75	Sahaspurlohara	14.6
76	Pandaria	9.4
77	KAWARDHA	28.9
78	Charama	0.0
79	Nerharpur	1.3
80	Poudi Uparora	38.6
81	Kartala	14.8
82	PALI	35.2
83	KATGHORA	14.2
84	Sonhat	2.5
85	Khadgava	0.0
86	Pithora	15.0
87	Bagbahara	4.7
88	Basana	12.1
89	MAHASAMUND	6.0
90	SARAI PALI	1.0
91	Patharia	22.0
92	Lormi	20.5
93	MUNGELI	19.0
94	Kharsiya	36.4
95	Lailunga	21.6
96	Pusaur	19.4
97	Baramkela	0.0
98	Tamnar	19.6
99	SARANGARH	3.7
100	RAIGARH	25.7
101	GHARGHODA	46.1
102	MANA-RAIPUR-AP	25.0
103	ARANG	9.1
104	Tilda	14.9
105	Abhanpur	16.7
106	Chhui khadan	15.0
107	Khairagarh	22.2
108	Chhuria	16.0
109	RAJNANDGAON	22.0
110	DONGARGARH	21.0
111	DONGARGAON	20.8
112	GANDAI	24.5
113	AMBAGARH CHOWKI	34.6
114	Premnagar	16.4
115	Ramanujnagar	0.0
116	Batoli	2.6
117	Sitapur	5.0
118	Lundra	6.2
119	KOLABIRA	66.4
120	PARMANPUR	36.4
121	PENDRA RD (CWC)	8.6
122	RAIPUR(IMD)	14.2
123	RAIPUR (CWC)	15.4
124	RAJIM	9.6
125	RAMPUR	26.4
126	SANKARA	11.0
127	SEORINARAYAN	20.8
128	SIMGA	31.8
129	SUNDERGARH (IMD)	18.2
130	SUND-RH (CWC)	59.0
131	SURAJGARH	7.8
132	THETTANG	18.0
133	GOPALPUR	14.2
134	ZONDRA	32.2
135	BALISANKRA	26.4
136	BAMRA	6.2
137	LEPHRIPARA	25.4
138	KUTRA	15.8
139	TANGARPALI	27.4
140	KIRMIRA	60.0
141	LAKHANPUR	27.0

SI No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	0.0
2	DERABIS	0.0
3	JHARBANDH	2.0
4	GAISILETE	5.0
5	PHIRINGIA	5.8
6	ALIPINGAL	4.2
7	ARMPUR	14.6
8	ATHAGARH	12.0
9	ATHAMALIK	8.2
10	BALIGUDA	29.0
11	BANPUR	16.0
12	BARGARH	4.2
13	BARMUL	0.0
14	BELGAON	0.0
15	BHAWANIPATNA(IMD)	8.2
16	BHUBANESWAR (IMD)	2.7
17	BIJEPUR	5.0
18	BINIKA	0.0
19	BOLANGIR (IMD)	TRACE
20	BOUDA GARH	11.6
21	BURLA (CWC)	2.6
22	BURLA (IRRI)	4.3
23	CUTTACK (IMD)	44.0
24	CHILIKA	2.0
25	DASHPALLA	4.5
26	DUNGURIPALI	0.0
27	GOP	5.0
28	HARABHANGA	24.4
29	HIRAKUD (IMD)	0.5
30	JAIPATNA	0.0
31	JUNAGARH	0.0
32	KAKATPUR	17.0
33	KALINGA	NR
34	KANAS	0.8
35	KANTAMAL (BDO)	12.2
36	KANTAMAL (CWC)	1.4
37	KENDRAPARA	0.0
38	KENDRAPARA (PTO)	0.0
39	KESINGA	7.0
40	KHANDAPADA* (BDO)	24.2
41	KHANDAPADA (CWC)	23.4
42	KHARIAR	0.0
43	KHAIRMAL (IRR)	0.0
44	KHAIRMAL (CWC)	0.0
45	KOMNA	0.0
46	M. RAMPUR	7.0
47	MUNDALI	21.2
48	NARAJ	11.4
49	NARASINGHPUR	43.0
50	NAYAGARH	NR
51	NIMAPARA	6.4
52	PADAMPUR	12.0
53	PADMABATI	30.0
54	PAIKAMAL	0.0
55	PARADEEP (IMD)	15.0
56	G.UDAYGIRI	23.0
57	PATNA GARH	0.0
58	PATAMUNDAI	0.0
59	PHULBANI (IMD)	19.0
60	PHULBANI (CWC)	30.6
61	PIPLI	2.0
62	PURI (IMD)	5.6
63	RAIRAKHOL	32.0
64	R.K NAGAR	4.8
65	RANPUR	66.8
66	SALBHATTA	0.0
67	SAMBALPUR (IMD)	0.9
68	SOHELA	0.0
69	SONEPUR	0.0
70	TANGI	42.0
71	TIKABALI	13.0

SI No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
72	TIKARAPARA	3.8
73	TITLA GARH (IMD)	4.2
74	KOKSARA	0.0
75	TUREIKELA	0.0
76	KALAMPUR	0.0
77	SINAPALI	0.0
78	BODEN	0.0
79	LOISINGHA	0.0
80	TIRTOL	25.0
81	SAINTALA	7.0
82	NARLA	44.0
83	AGALPUR	0.0
84	RAIKIA	26.8
85	B.M.PUR	4.6
86	BARPALI	4.0
87	ATTABIRA	2.2
88	BHATALI	1.0
89	TH. RAMPUR	0.0
90	GUDVELA	10.0
91	DEOGAON	3.0
92	BANGAMUNDA	0.0
93	BIRIDI	41.2
94	NAUGAON	2.0
95	GOLAMUNDA	0.0
96	CHAKAPAD	8.2
97	KHAJURIPADA	30.8
98	MOHAKALAPADA	0.0
99	JATNI	3.0
100	BEGUNIA	0.0
101	BHAPUR	43.2
102	DHANKAUDA	1.0
103	JAGATSingHPUR(PTO)	21.4
104	KHORDHA(PTO)	34.0
105	CHANDAHANDI	13.0
106	JHORIGAM	3.0
107	DHARMAGARH	0.0
108	BELPADA	0.0
109	KHAPRAKHOL	0.0
110	TARVA	0.0
111	K NUAGAON	27.2
112	JUJUMURA	2.0
113	ULLUNDA	0.0
114	KARLAMUNDA	5.0
115	BOLAGARH	23.0
116	GANIA	51.0
117	BANKI	85.0
118	TIGIRIA	53.0
119	ASTARANGA	7.0
120	BRAHMAGIRI	0.0
121	KRISHNAPRASAD	0.0
122	KANTAPADA	31.0
123	MAHANGA	7.0
124	NIALI	32.0
125	NISCHINTAKOILI	26.0
126	SALEPUR	27.0
127	BALIKUDA	24.0
128	RAGHUNATHPUR	34.0
129	GARADAPUR	18.0
130	MARSAGHAI	0.0
131	BALIPATNA	5.0
132	KUJANGA	5.0
133	NUAUGAON	22.0
134	ODAGAON	7.1
135	BASANA	12.1
136	DEOBHOG	0.0

RAINFALL FOR PAST 24 HRS ENDING AT 0830 HRS OF DATE

Date:-05.09.2023

SI No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	8.1
2	LAHUNIPARA	16.0
3	PALLAHARA	13.0
4	PANPOSH	4.0
5	RAJGANGA PUR	23.0
6	BARKOTE	3.6
7	BONAI	50.0
8	DEOGARH	29.0
9	MANDIRADAM	6.8
10	TENSA	11.2
11	LATHIKATA	0.0
12	JODA	3.6
13	GURUNDIA	37.0
14	PALKOT	18.4
15	RAIDIH	8.0
16	KURU	0.0
17	LOHARDAGA	4.8
18	MANDAR	4.0
19	KOLEBIRA	6.4
20	KURDEG	5.8
21	SIMDEGA	24.0
22	JASHPURNAGAR	12.5
23	RAURKELA(Airport)	4.2
LOWER BRAHMANI		
1	REAMAL	6.8
2	RENGALI	0.0
3	ALTUMA	15.0
4	ANGUL (IMD)	32.0
5	BATAGAON	3.5
6	CHHENDIPADA	7.2
7	DHENKANAL	42.0
8	DHENKANAL (PTO)	42.0
9	HINDOL	47.0
10	JENAPUR	0.0
11	KAMAKHYA NGR	12.5
12	NAKTIDEUL	25.0
13	SUKINDA	47.3
14	TALCHER	12.0
15	TELKOI	3.2
16	KANKADAHAD	24.0
17	JAJPUR	0.0
18	JAJPUR (PTO)	0.0
19	RAJ KANIKA	13.0
20	AUL	49.0
21	RAJNAGAR	20.0
22	BANARPAL	56.6
23	KANIHA	17.5
24	PARJANG	1.0
25	GONDIA	6.0
26	BHUBAN	72.0
27	DANAGADI	0.0
28	KOREI	0.0
29	CHANDIKHOL	0.0
30	BARI	0.0
31	BINJHARPUR	0.0

SI No	Name of Stations	Rainfall (in mm)
BAITARANI		
1	BONTH	12.5
2	AKHUAPADA	0.0
3	ANANDAPUR	4.4
4	CHAMPUA	4.4
5	CHANDBALI (IMD)	43.2
6	DAITARI	52.0
7	GHATGAON	34.4
8	JHUMPURA	19.6
9	JOSHIPUR	4.4
10	KARANJIA	5.0
11	KEON-GARH (IMD)	4.8
12	KEONJHAR (CWC)	5.6
13	SWAMPATNA	4.2
14	THAKUR-DA(BDO)	12.5
15	THAKUR-DA (CWC)	14.4
16	SAHARPADA	8.4
17	KAPTIPADA	48.0
18	HATADIHI	23.1
19	BHADRAK	9.2
20	BHANDARIPOKHARI	0.0
21	BANSPAL	8.2
22	GHASIPURA	8.4
23	SUKRULI	0.0
24	RARUANA	2.0
25	DHAMNAGAR	0.0
26	TIHIDI	11.0
27	HARICHANDANPUR	7.1
NAGAVALI		
1	K.SINGHPUR	0.0
2	RAYAGADA	5.0
3	SANKIL RD BRIDGE	NR
4	JANJHAVATI RDB	NR
5	JAGGAGUDA	NR
6	SRIKAKULAM	15.6
7	BANDHUGAN	29.0
8	SALUR	9.8
9	KOLNARA	25.4
10	Komarada	0.0
11	Jiyyammavalasa	8.6
12	Garugubilli	1.8
13	Parvathipuram	78.4
14	Bobbili	92.6
15	Therlam	76.8
16	Pusapatirega	0.0
17	Denkada	0.0
18	Vizianagaram	0.0
19	Vepada	3.0

SI No	Name of Stations	Rainfall (in mm)
RUSHIKULYA		
1	BUGUDA	43.0
2	ASKA	0.0
3	BERHAMPUR	0.0
4	BHANJANAGAR	82.0
5	CHHATRAPPUR	6.0
6	DARINGIBADI	69.0
7	GOPALPUR (IMD)	25.6
8	MADHABARIDA	53.2
9	PUSOTTAMPUR	12.0
10	DIGAPAHANDI	0.0
11	JAGANNATHPRASAD	3.4
12	SORADA	54.4
13	POLASARA	47.0
14	KODALA	1.0
15	RANGEILUNDA	6.0
16	KUKUDAHANDI	0.0
17	PATRAPUR	0.0
18	BINIKA	18.0
19	DHARAKOTE	0.0
20	SHERAGADA	5.0
21	GANJAM	4.4
22	BELAGUNTHA	142.4
23	HINJILI	15.0
VANSADHARA		
1	AMBADOLA	0.0
2	BISSAM CUTTACK	11.2
3	GOTTA BARRAGE	43.6
4	GUDARI	9.2
5	GUNUPUR	5.8
6	KALINGA-NAM (IMD)	0.0
7	KASHINAGAR	0.0
8	KOTAGARH	0.0
9	KOTRAGUDA	6.6
10	MAHENDRAGARH	1.6
11	MOHANA	3.6
12	PARAKHEMUNDI	33.0
13	R.GUDA	23.0
14	NUAGADA	78.0
15	MUNIGUDA	10.8
16	R.UDAYAGIRI	18.2
17	LANJIGARH	0.0
18	NELIAPUTY	NR
19	SIRJHOLY	NR
20	GUMMA	36.0
21	GOSANI	4.0
22	CHADRAPUR	17.3
23	Balajipeta	88.2

SI No	Name of Stations	Rainfall (in mm)
SUBERNAREKHA		
1	SARASAKANA	19.0
2	BHOGARAI	58.0
3	FEKOGHAT	51.8
4	GHATSILA	18.2
5	JALESWAR	27.0
6	JAMSEDPUR (IMD)	8.1
7	JAMSEDPUR (CWC)	8.6
8	JAMSOLAGHAT	57.2
9	RAIRANG PUR	8.4
10	RAJGHAT	54.0
11	RANCHI	14.0
12	TIRING	5.8
13	BIJATALA	19.0
14	KUSUMI	18.0
15	JAMDA	6.0
16	ARKI	9.0
17	ICAR NAMKUM	0.0
18	ORMANJHI	1.4
19	CHANDIL	0.0
20	KHARSEMA	4.4
21	NIMDIH	12.0
22	CHAIBASA	0.0
23	CHAKRADHARPUR	0.0
24	BAHALDA	7.4
BUDHABALANGA		
1	BALASORE (IMD)	40.7
2	BALASORE (CWC)	59.6
3	BALIMUNDALI	79.6
4	BANGRIPOSHI	49.4
5	BARIPADA (IMD)	28.0
6	BARIPADA (CWC)	22.4
7	CHANDANPUR	37.8
8	JAIPUR	29.4
9	NAWANA	34.8
10	NH-5, GOVINDPUR	18.8
11	NILGIRI	11.0
12	SORO	12.0
13	BETANATI	23.0
14	UDALA	61.0
15	BAHANAGA	15.0
16	KHAIRA	64.0
17	MURUDA	52.0
18	SULIAPADA	132.0
19	G.B.NAGAR	98.0
20	REMUNA	62.0
21	SAMAKHUNTA	24.0
22	BASUDEVPUR	14.0
23	CHANDUA(KULIANA)	23.0
24	RASAGOVINDAPUR	42.6
25	OUPADA	3.0

Source:-Met Centre Bhubaneswar

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

Date:05.09.2023

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 7.0			21. MALKANGIRI			27. RAYAGADA		
1	Angul	32.0	1	Barkote	3.6	5	Narla	44.0	1	Malkangiri	16.2	1	Rayagada	5.2
2	Banarpal	56.6	2	Deogarh	29.0	6	Lanjigarh	0.0	2	Mathili	31.0	2	Kolnara	25.4
3	Chhendipada	7.2	3	Reamal	6.8	7	Thuamul Rampur	0.0	3	Khoirput	16.0	3	Kalyansingpur	0.0
4	Talcher	12.0	Avg 13.1			8	Dharmagarh	0.0	4	Chitrakonda (K.Gumma)	35.0	4	Kashipur	2.3
5	Kaniha	17.5	9. DHENKANAL			9	Junagarh	0.0	5	Korukonda	5.0	5	Gonupur	4.0
6	Athamalik	8.2	1	Dhenkanal	42.0	10	Kalampur	0.0	6	Kalimela	12.0	6	Padmapur	8.2
7	Kishorenagar	4.8	2	Gondia	6.0	11	Jayapatna	0.0	7	Podia	49.3	7	Gudari	12.8
8	Pallahara	13.0	3	Odapada	2.0	12	Kokasara	0.0	Avg 23.5			8	Ramanagada	23.0
Avg 18.9			4	Hindol	47.0	13	Golamunda	0.0	22. MAYURBHANJ			9	Bissam Cuttack	11.2
2. BALASORE			5	Kamakhyanagar	12.5	Avg 5.3			1	Samakhunta	24.0	10	Muniguda	10.8
1	Bhograi	58.0	6	Bhuban	72.0	16. KANDHAMAL			2	Badasahi	32.0	11	Chandrapur	17.3
2	Basta	30.0	7	Parjang	1.0	1	Baliguda	29.0	3	Betanati	23.0	Avg 10.9		
3	Jaleswar	27.0	8	Kankadahad	24.0	2	Chakapad	8.2	4	Morda	52.0	28. SAMBALPUR		
4	Baliapal	41.0	Avg 25.8			3	Daringibadi	69.0	5	Rasgovindapur	42.6	1	Jujumura	2.0
5	Balasure	55.0	10. GAJAPATI			4	G.Udayagiri	23.0	6	Kuliana	23.0	2	Dhankauda	1.0
6	Remuna	62.0	1	Kasinagar	0.0	5	Khajuripada	30.8	7	Sarasakana	19.0	3	Rengali	34.6
7	Nilagiri	11.0	2	Paralakhemundi	33.0	6	Kotagarh	0.0	8	Suliapada	132.0	4	Maneswar	0.0
8	Soro	12.0	3	Rayagada	0.0	7	Nuagaon	27.2	9	Bangriposi	49.4	5	Kuchinda	60.3
9	Bahanaga	15.0	4	Gumma	36.0	8	Phiringia	5.8	10	Baripada	26.0	6	Jamankira	38.6
10	Simulia	9.0	5	Nuagada	78.0	9	Phulbani	19.0	11	Khunta	103.0	7	Bamra	6.2
11	Khaira	64.0	6	R.Udaygiri	18.2	10	Raikali	26.8	12	Gopabandhunagar	98.0	8	Rairakhol	32.0
12	Oupada	3.0	7	Mohana	4.2	11	Tikabali	13.0	13	Udala	61.0	9	Naktideul	25.0
Avg 32.3			8	Gosani	4.0	12	Tunudibandh	0.0	14	Kaptipada	48.0	Avg 22.2		
3. BARGARH			Avg 21.7			Avg 21.0			15	Besoi	9.0	29. SUBARNAPUR		
1	Ambabhona	5.0	11. GANJAM			17. KENDRAPARA			16	Bijatata	19.0	1	Sonepur	0.0
2	Attabira	2.2	1	Chhatrapur	6.0	1	Kendrapara	0.0	17	Rairangapur	17.0	2	Binika	0.0
3	Bargarh	4.6	2	Ganjam	4.4	2	Derabis	0.0	18	Kusumi	18.0	3	Tarbha	0.0
4	Barpali	4.0	3	Purusottampur	1.0	3	Marshaghai	0.0	19	Jamda	6.0	4	Dunguripali	0.0
5	Bhatli	1.0	4	Kabisuryanagar	0.0	4	Mohakalpara	0.0	20	Bahalda	7.4	5	Birmaharajpur	4.6
6	Bhedden	0.0	5	Polasara	47.0	5	Garadapur	18.0	21	Tiring	5.8	6	Ullunda	0.0
7	Bijepur	5.0	6	Kodala	1.0	6	Pattamundai	0.0	22	Joshiapur	4.4	Avg 0.8		
8	Gaisilet	5.0	7	Khalikot	37.0	7	Aul	49.0	23	Karanja	5.0	30. SUNDARGARH		
9	Jharbandh	2.0	8	Hinjilicut	15.0	8	Rajnagar	20.0	24	Thakurmunda	12.5	1	Hemgir	10.0
10	Padampur	12.0	9	Rangeilunda	6.0	9	Rajkanika	13.0	25	Sukuruli	0.0	2	Lephripura	25.4
11	Paikmal	0.0	10	Kukudakhandi	0.0	Avg 11.11			26	Raruana	2.0	3	Tangarpali	27.4
12	Sohela	0.0	11	Chikiti	0.0	18. KEONJHAR			Avg 32.3			4	Sundargarh	18.2
Avg 3.4			12	Patrapur	0.0	1	Keonjhar	4.2	23. NAWARANGHPUR			5	Subdega	21.3
4. BHADRAK			13	Sanakhemundi	18.0	2	Banspal	8.2	1	Nawarangpur	0.0	6	Balisankara	26.4
1	Bhadrak	9.5	14	Digapahandi	0.0	3	Telkoi	3.2	2	Nandahandi	0.0	7	Bargaon	11.0
2	Bhandaripokhari	0.0	15	Bhanjanagar	82.0	4	Patna	3.0	3	Tentulikhunti	0.0	8	Kutra	15.8
3	Basudevpur	14.0	16	Belaguntha	142.4	5	Saharpada	8.4	4	Papadahandi	0.0	9	Rajgangpur	23.0
4	Bonth	12.5	17	Jagannathprasad	3.4	6	Ghatgaon	34.4	5	Kosagumuda	0.0	10	Kuarmunda	15.4
5	Chandbali	42.0	18	Buguda	43.0	7	Harichandanpur	7.1	6	Dabugaon	0.0	11	Nuagaon	0.0
6	Dhamnagar	0.0	19	Aska	0.0	8	Anandapur	7.0	7	Umerkote	0.0	12	Bisra	0.0
7	Tihidi	11.0	20	Dharakote	0.0	9	Ghasipura	8.4	8	Raighar	0.0	13	Lathikata	0.0
Avg 12.7			21	Sheragada	5.0	10	Hatadihi	23.1	9	Jharigaon	3.0	14	Bonai	50.0
5. BALANGIR			22	Sorada	29.8	11	Champua	4.0	10	Chandahandi	13.0	15	Lahunipara	16.0
1	Balangir	0.0	Avg 20.0			12	Joda	3.6	Avg 1.6			16	Gurundia	37.0
2	Puintala	2.0	12. JAGATSingHPUR			13	Jhumpura	19.6	24. NAYAGARH			17	Koira	28.0
3	Guduvella	10.0	1	Jagatsinghpur	3.2	Avg 10.3			1	Bhapur	43.2	Avg 19.1		
4	Duduka	0.0	2	Biridi	41.2	19. KHORDHA			2	Daspalla	4.5			
5	Deogaon	3.0	3	Raghunathpur	34.0	1	Balianta	14.0	3	Gania	51.0			
6	Loisingha	0.0	4	Balikuda	24.0	2	Balipatna	5.0	4	Khandapara	24.2			
7	Patnagarh	0.0	5	Naugaon	2.0	3	Bhubaneswar	8.4	5	Nuagarh	37.3			
8	Belpada	0.0	6	Tirtol	25.0	4	Jatani	3.0	6	Nuagaon	22.0			
9	Khaprakhol	0.0	7	Kujanga	5.0	5	Banapur	16.0	7	Odagaon	7.1			
10	Titilagarh	4.2	8	Erasama	28.0	6	Begunia	0.0	8	Ranpur	66.8			
11	Tureikela	0.0	Avg 20.3			7	Bolagarh	23.0	Avg 32.0					
12	Bangomunda	0.0	13. JAJPUR			8	Chilika	2.0	25. NUAPADA					
13	Muribahal	2.0	1	Jajpur	0.0	9	Khordha	32.0	1	Boden	0.0			
14	Saintala	7.0	2	Binjharpur	0.0	10	Tangi	42.0	2	Khariar	0.0			
Avg 2.0			3	Dasarathpur	10.0	Avg 14.5			3	Komna	0.0			
6. BOUDH			4	Korei	0.0	20. KORAPUT			4	Nuapada	0.0			
1	Boudh	11.6	5	Danagadi	0.0	1	Koraput	8.2	5	Sinapali	0.0			
2	Kantamal	12.2	6	Sukinda	47.3	2	Lamatapur	16.4	Avg 0.0					
3	Harabhanga	24.4	7	Rasulpur	0.0	3	Pottangi	80.0	26. PURI					
Avg 16.1			8	Dharmasala	0.0	4	Bandhugaon	29.0	1	Astarang	7.0			
7. CUTTACK			9	Badachana	40.0	5	Nandapur	19.0	2	Brahmagiri	0.0			
1	Athagarh	12.0	10	Bari	0.0	6	Dasmantpur	4.0	3	Delang	2.0			
2	Banki-Dampada	85.0	Avg 9.7			7	Narayanpatna	28.4	4	Gop	5.0			
3	Barang	14.0	14. JHARSUGUDA			8	Laxmipur	17.4	5	Kakatpur	17.0			
4	Badamba	17.0	1	Jharsuguda	11.0	9	Similiguda	75.0	6	Kanas	1.0			
5	Cuttack Sadar	54.0	2	Kolabira	66.4	10	Jeypore	1.6	7	Krushnaprasad	0.0			
6	Kantapada	31.0	3	Laikera	54.0	11	Kotpad	0.0	8	Nimapara	3.0			
7	Mahanga	7.0	4	Kirmira	60.0	12	Kundra	0.0	9	Pipili	2.0			
8	Niali	32.0	5	Lakhanpur	27.0	13	Borigumma	3.4	10	Puri	5.0			
9	Nischintakoili	26.0	Avg 43.7			14	Boipariguda	1.0	11	Satyabadi	0.0			
10	Narasingshpur	43.0	15. KALAHANDI			Avg 20.2			Avg 3.8					
11	Salepur	27.0	1	Bhabanipatna	6.0									
12	Tangi-Choudwar	7.0	2	Kesinga	7.0									
13	Tigiria	53.0	3	Karlamunda	5.0									
Avg 31.4														