



Flood Bulletin, 2023

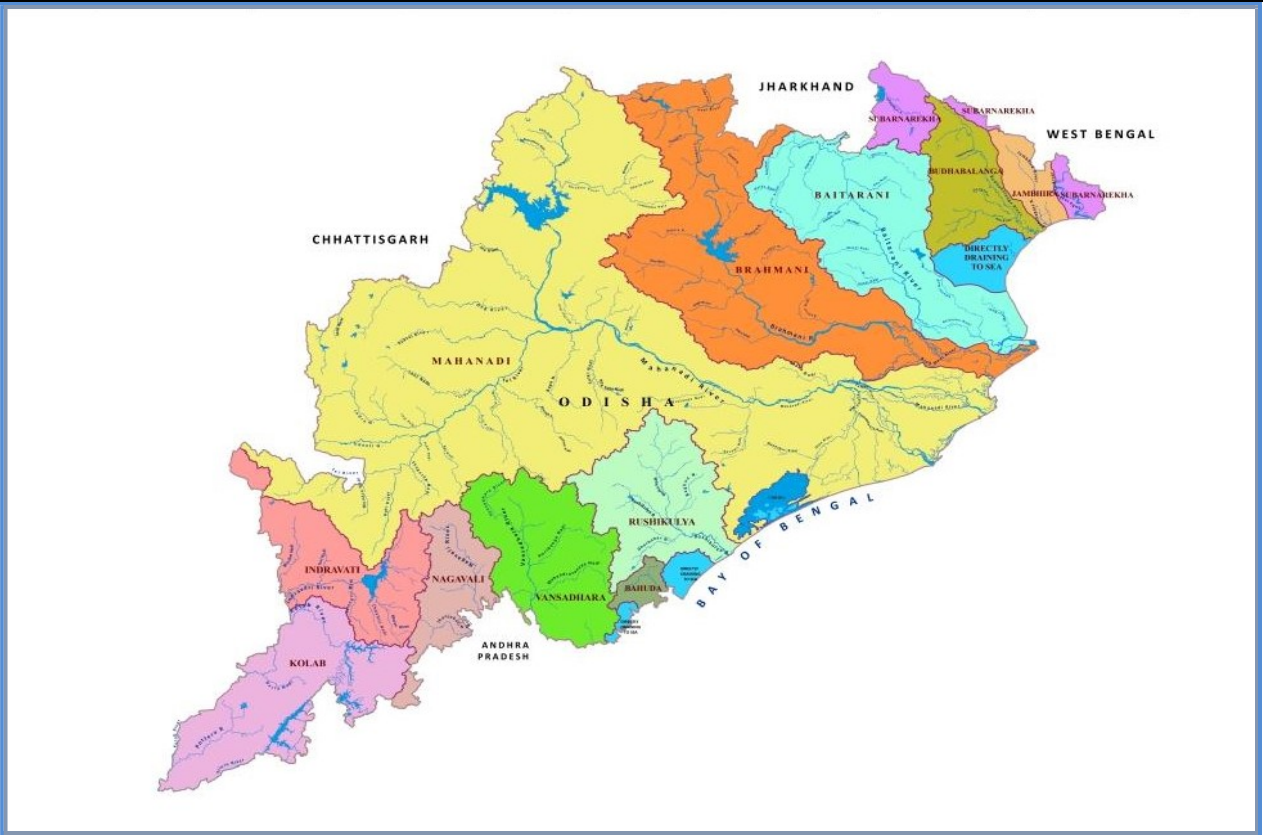
Government of Odisha

Department of Water Resources

Volume No.52

Date: 22.07.2023

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	101.81	S	-7.19	108.31	19.09.08
	Tikarpara	-	-	12:00	58.0	S	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	22.84	S	-3.57	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	3.30	S	-7.46	11.60	31.08.82
Devi	Alipingala	11.76	10.85	09:00	3.38	F	-8.38	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	171.78	S	-6.64	181.44	24.09.11
	Rengali	88.0	-	12:00	77.87	S	-10.13	92.25	18.08.75
	Talcher	62.91	-	12:00	55.32	S	-7.59	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	19.40	R	-3.6	24.78	20.08.75
	Indupur	8.23	-	12:00	3.33	S	-4.9	-	-
Baitarani	Champua	376.41	375.33	12:00	371.77	F	-4.64	379.06	23.09.11
	Swampatna	311.1	-	12:00	304.72	R	-6.38	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	33.60	R	-4.76	41.80	19.08.75
	Akhuapada	17.83	-	12:00	16.56	R	-1.27	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.90	R	-	85.80	09.11.95
	Baripada	30.92	29.7	12:00	22.68	R	-8.24	37.20	12.10.73
	Balimundali	-	-	12:00	37.66	R	-	42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	1.92	R	-6.21	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	115.32	S	-8.18	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	44.06	S	-5.1	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	77.86	R	-4.13	83.21	04.11.90
	Madhabarida	60.65	-	12:00	56.32	S	-4.33	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	11.50	S	-5.34	19.60	04.11.90
Vansadhara	Gudari	-	-	12:00	114.82	S	-	121.82	17.09.80
	Gunupur	84.0	83.0	12:00	81.11	R	-2.89	88.75	17.09.80
	Kashinagar	54.6	53.6	12:00	52.74	R	-1.86	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	614.25 ft	<u>2187.0Mcum</u> 4822.83Mcum (45.3%)	<u>39.4%</u> 611.9	68417.0 Cusec	36317.0 Cusec	0/98 Rising
2.Rengali 12:00Hr	109.72 m	<u>123.5 m</u> 125.4 m	112.45 m.	<u>44921.0 Ham</u> 341371.0 Ham (13.2%)	<u>2.6%</u> 110.4	399.27 Cumec	660.92 Cumec	0/27 Falling
3.U. Indravati 09:00Hr	625.0 m	<u>642 m</u> 643 m	629.71 m.	<u>31262.0 Ham</u> 148550.0 Ham (21.0%)	<u>36.1%</u> 632.6	38.0 Cumec	72.21 Cumec	0/12 Falling
4.UpperKolab 08:00Hr	844.0 m	858 m	850.08 m.	<u>282.69 Mcum</u> 935.0 Mcum (30.2%)	<u>15.6%</u> 847.3	63.94 Cumec	46.53 Cumec	0/11 Rising
5.Balimela 08:00Hr	1440.0 ft	<u>1516 ft</u> 1518 ft	1462.00 ft	<u>51751.0 Ham</u> 267600.0 Ham (19.3%)	<u>11.9%</u> 1454.2	10665.0 Cusec	5168.24 Cusec	0/12 Rising
6.Machhkund (Jalaput) 08:00Hr	2685.0 ft	2750.0 ft	2700.50 ft	<u>9531.0 Ham</u> 89254.7 Ham (10.7%)	<u>6.8%</u> 2695.7	3539.0 Cusec	1010.0 Cusec	2/12 Rising
7.Salandi 06:00Hr	50.24 m	<u>82.3 m</u> 83.21m	72.95 m.	<u>28434.0 Ham</u> 55650.0 Ham (51.1%)	<u>69.6%</u> 76.8	107.80 Cumec	3.87 Cumec	0/11 Rising
8.LowerIndra 08:00Hr	251.0 m	<u>265 m</u> 265 m	261.40 m.	<u>19903.10 Ham</u> 31425.2Ham (63.3%)	<u>55.4%</u> 260.7	54.99 Cumec	23.96 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	91240.0 Cusec	39582.0 Cusec	During last 24 Hrs ending 08:00Hrs of 22.07.2023
Rengali	474.76 Cumec	661.71 Cumec	During last 24 Hrs ending 06:00Hrs of 22.07.2023

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	8720
	Tarapur	12:00	BG
	Saradihi	12:00	69030
	Kalma	09:00	NR
	Deogaon	12:00	1081
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	80000
	Barmul	12:00	91500
	Mundali	12:00	97800
Tel	Patharla	12:00	37034
Baitarani	NH-5 Akhuapada	08:00	NR
Brahmani	Pankapal	08:00	27696
Subarnarekha	Rajghat	08:00	1131
Rushikulya	Purusottampur	09:00	117

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	46.8%	17.	Harabhangi	40.8%	33.	Ret	56.0%
2.	Baghalati	64.6%	18.	Harihorjore	22.3%	34.	Rukura	74.2%
3.	Baghua	36.9%	19.	Jambira*	0.0%	35.	Saipala	28.5%
4.	Bankabahal	14.0%	20.	Jharbandh*	7.8%	36.	Salia*	58.3%
5.	Bhanjanagar	76.7%	21.	Kalo	41.7%	37.	Sapua*	79.9%
6.	Bhaskel*	25.9%	22.	Kanjhari	38.8%	38.	Saraphgarh	36.6%
7.	Budhabudhiani	68.3%	23.	Kansabahal	46.2%	39.	Satiguda*	53.0%
8.	Dadarghati*	15.7%	24.	Khadkhai	44.1%	40.	Soroda*	68.1%
9.	Daha	49.0%	25.	Kuanria	50.3%	41.	Sunder	22.2%
10.	Deo	49.6% (2)	26.	Mandira	32.3% (5)	42.	Sunei	57.5%
11.	Derjang	75.3%	27.	Manjore	49.9%	43.	Talsara	25.8%
12.	Dhanei*	68.0%	28.	Nesa*	1.4%	44.	Telengiri	45.4%
13.	Dumerbahal	34.0%	29.	Pilasalki*	43.9%	45.	Titlagarh	25.1%
14.	Ghodahada	64.8%	30.	Pitamahal*	61.0%	46.	Upper Jonk	70.6%
15.	Gohira	75.2%	31.	Ramial	30.1%	47.	Upper Suktel*	24.0%
16.	Haladia	18.2%	32.	Remal	59.3%			

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

Above 75%

Above 90%

Medium Reservoir: 47 Nos

(Gated-34, Un-Gated-13), 100% = 0 Nos.

Below 50%: 29 Nos., Between 50% to 75%: 14 Nos., Above 75%: 04 Nos.

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (22.07.2023)

No. of Gates Open:

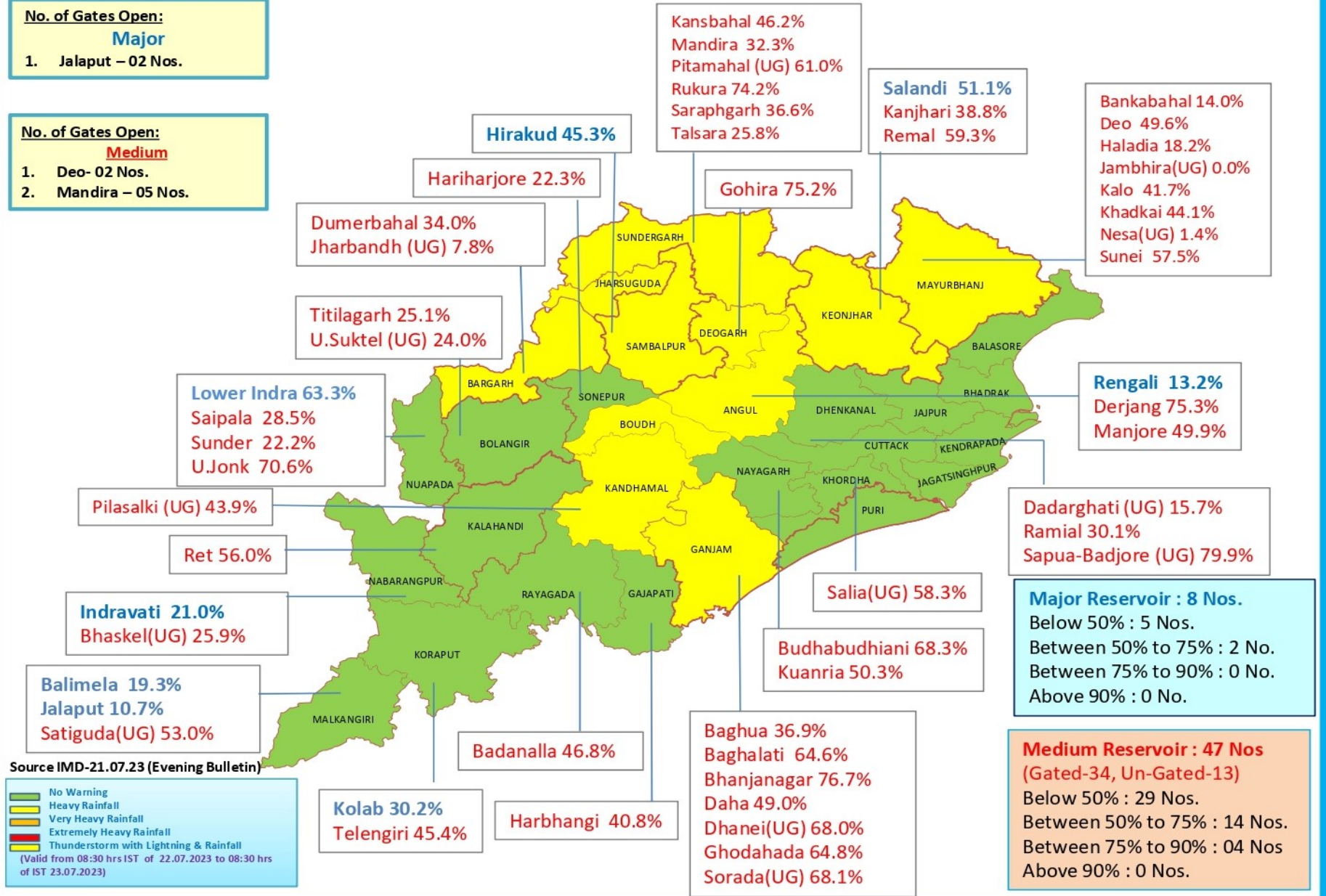
Major

1. Jalaput – 02 Nos.

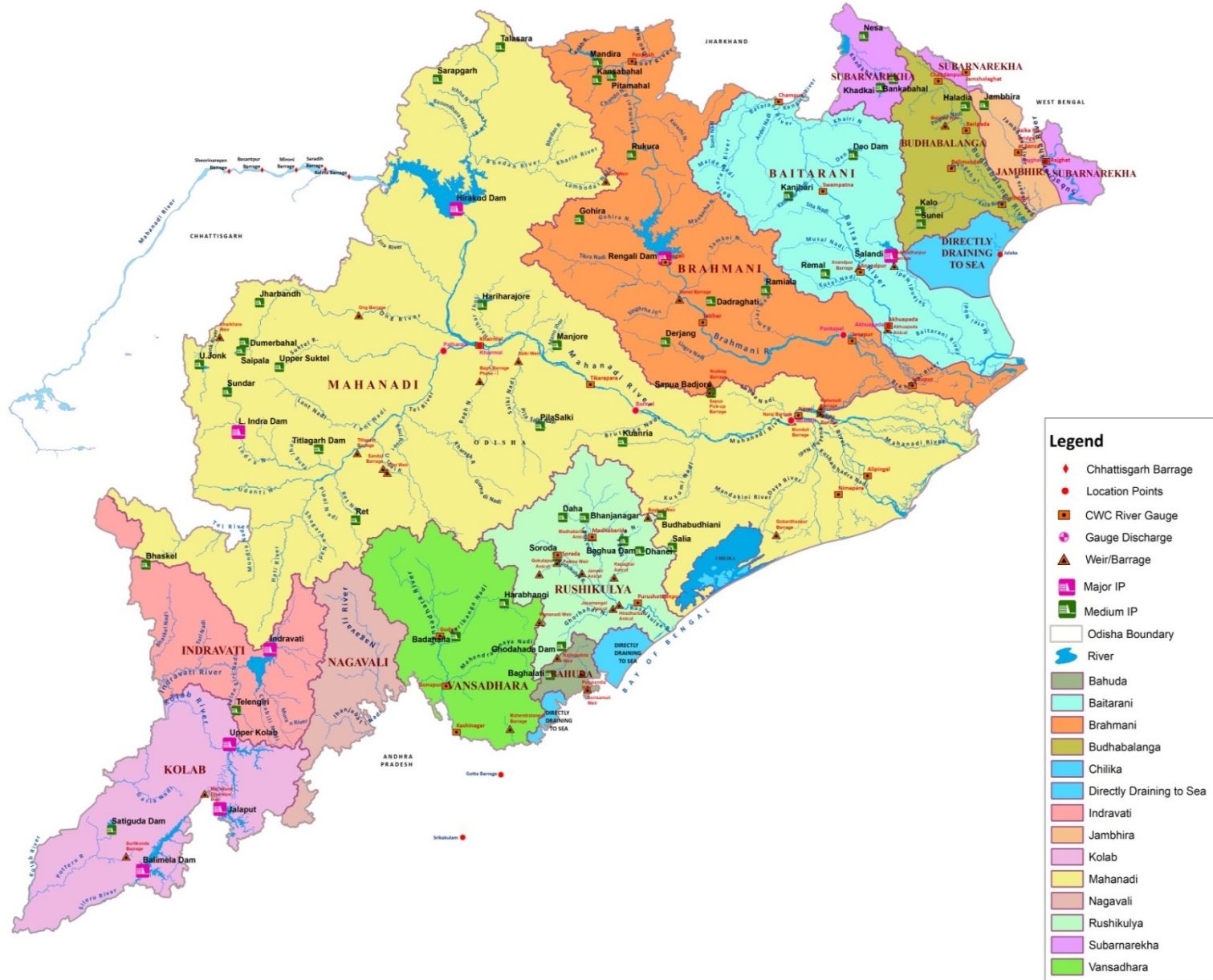
No. of Gates Open:

Medium

1. Deo- 02 Nos.
2. Mandira – 05 Nos.



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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HYDROMET BULLETIN

1) Synoptic Situation

- The Monsoon Trough at mean sea level now passes through Jaisalmer, Deesa, Ratlam, Betul, Chandrapur, Kondagaon, Gopalpur and thence southeastwards to north Andaman Sea and extends upto 2.1 km above mean sea level.
- The Low Pressure Area over south Odisha–north Andhra Pradesh and adjoining northwest & Westcentral Bay of Bengal has become less marked. However, the associated cyclonic circulation now lies over southeast Vidarbha & adjoining south Chhattisgarh and extends upto 4.5 km above mean sea level.
- The cyclonic circulation over south Chhattisgarh & neighbourhood extending upto 2.1 km above mean sea level has merged with the above cyclonic circulation.
- A cyclonic circulation lies over west-central & adjoining northwest Bay of Bengal and extends upto 7.6 km above mean sea level
- The shear zone now runs roughly along Lat. 20° N between 3.1 & 5.8 km above mean sea level tilting southwards with height.
- A fresh Low Pressure Area is likely to form over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh around 24th July

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

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (22.07.23)	Day-2 (23.07.23)	Day-3 (24.07.23)	Day-4 (25.07.23)	Day-5 (26.07.23)	Day-6 (27.07.23)	Day-7 (28.07.23)
1	BAITRANI	BT	11-25	11-25	0.1-10	11-25	11-25	11-25	11-25
2	LOWER BRAHMANI	LB	11-25	11-25	11-25	11-25	11-25	11-25	11-25
3	UPPER BRAHMANI	UB	11-25	11-25	0.1-10	0.1-10	11-25	11-25	0.1-10
4	BHURABALANG	BB	11-25	11-25	0.1-10	11-25	11-25	11-25	11-25
5	LOWER MAHANADI	LM	11-25	11-25	11-25	11-25	26-37	11-25	11-25
6	NAGAVALI	NV	26-37	11-25	11-25	11-25	11-25	11-25	11-25
7	RUSHIKULIYA	RK	11-25	11-25	11-25	26-37	11-25	11-25	11-25
8	SUBERNAREKHA	SR	11-25	11-25	0.1-10	0.1-10	0.1-10	11-25	11-25
9	UPPER MAHANADI	UM	11-25	11-25	0.1-10	11-25	11-25	26-37	11-25
10	VAMSDHARA	VD	11-25	11-25	11-25	26-37	26-37	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 (22.07.23)		Day-2 (23.07.23)		Day-3 (24.07.23)		Day-4 (25.07.23)		Day-5 (26.07.23)		Day-6 (27.07.23)		Day-7 (28.07.23)	
			I	D	I	D	I	D	I	D	I	D				
1	BAITRANI	BT	M	WS	M	FWS	L	FWS	M	FWS	M	WS	M	WS	M	FWS
2	LOWER BRAHMANI	LB	M	WS	M	FWS	M	FWS	M	WS	M	WS	M	FWS	M	FWS
3	UPPER BRAHMANI	UB	M	WS	M	FWS	L	FWS	L	FWS	M	WS	M	WS	L	FWS
4	BHURABALA NG	BB	M	WS	M	FWS	L	FWS	M	FWS	M	WS	M	FWS	M	FWS
5	LOWER MAHANADI	LM	M	WS	M	WS	M	FWS	M	WS	M	WS	M	WS	M	WS
6	NAGAVALI	NV	M	WS	M	WS	M	WS	M	WS	M	WS	M	WS	M	FWS
7	RUSHIKULIYA	RK	M	WS	M	WS	M	WS	M	WS	M	WS	M	FWS	M	FWS
8	SUBERNARE KHA	SR	M	WS	M	FWS	L	FWS	L	FWS	L	WS	M	FWS	M	FWS
9	UPPER MAHANADI	UM	M	WS	M	FWS	L	FWS	M	FWS	M	WS	M	WS	M	WS
10	VAMSDHARA	VD	M	WS	M	WS	M	WS	M	WS	M	WS	M	WS	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 (22.07.23)		Day-2 (23.07.23)		Day-3 (24.07.23)		Day-4 (25.07.23)		Day-5 (26.07.23)		Day-6 (27.07.23)		Day-7 (28.07.23)	
			I	D	I	D	I	D	I	D	I	D	I	D	I	D
1	BAITRANI	BT	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL
2	LOWER BRAHMANI	LB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL	H	ISOL
3	UPPER BRAHMANI	UB	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	H	ISOL	NIL	NIL
4	BHURABALAN G	BB	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
5	LOWER MAHANADI	LM	H	ISOL	H	ISOL	H	ISOL	H	ISOL	VH	ISOL	H	ISOL	H	ISOL
6	NAGAVALI	NV	H	ISOL	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
7	RUSHIKULIYA	RK	H	ISOL	H	ISOL	H	ISOL	VH	ISOL	H	ISOL	NIL	NIL	NIL	NIL
8	SUBERNAREK HA	SR	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
9	UPPER MAHANADI	UM	H	ISOL	H	ISOL	NIL	NIL	H	ISOL	H	ISOL	VH	ISOL	H	ISOL
10	VAMSDHARA	VD	H	ISOL	H	ISOL	H	ISOL	VH	ISOL	VH	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
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Intensity				
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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 (22.07.2023) (QPF categories)						Day-2 (23.07.2023) (QPF categories)						Day-3 (24.07.2023) (QPF categories)						Day-4 (25.07.2023) (QPF categories)						Day-5 (26.07.2023) (QPF categories)						Day-6 (27.07.2023) (QPF categories)						Day-7 (28.07.2023) (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	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																																												
RUSHIKULYA	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	BAITRANI	,KAPTIPADA(58),THAKURDA(57.6)
2	LOWER BRAHMANI	,BHUBAN(46)
3	UPPER BRAHMANI	TENSA(92.2),JODA(62.4),LATHIKATA(48.5)
4	BHURABALANG	,UDALA(87),BANGIRIPOSHI(65.2),CHANDUA(KULIANA)(63),CHANDANPUR(58),SULIAPADA(54),JAIPUR(48.2),BALIMUNDALI(47.2)
5	LOWER MAHANADI	BANGAMUNDA(51)
6	NAGAVALI	,Jiyyammavalasa(58.6),K.SINGHPUR(53.2),KOLNARA(48.4),Bobbili(46.4)
7	SUBERNAREKHA	,GHATSILA(80.4),SARASAKANA(63),FEKOGHAT(54),CHAKRADHARPUR(50.2),CHAIBASA(50)
8	UPPER MAHANADI	,Gundardehi(87.5),BILASPUR(70.6),Dhamdha(70),Nerharpur(51.4),HEMGIRI(47),DONGARGAON(44.7)

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

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	20.3
2	LOWER BRAHMANI	LB	14.8
3	UPPER BRAHMANI	UB	16.4
4	BHURABALANG	BB	30.2
5	LOWER MAHANADI	LM	12.4
6	NAGAVALI	NV	17.4
7	RUSHIKULIYA	RK	8.4
8	SUBERNAREKHA	SR	26.9
9	UPPER MAHANADI	UM	15.8
10	VAMSDHARA	VD	16.7

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

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	27.0
2	ANDHIARKHOR	3.6
3	BAIKUNTHAPUR	11.6
4	BAMNIDIHI	9.0
5	BANGODAM	6.0
6	BARAGAON	15.4
7	BASANTAPUR	2.4
8	BORANDA	23.4
9	DEOGAON (IRRI)	10.0
10	DEOGAON (CWC)	1.6
11	DHARAMJAYGARH	1.6
12	GHATORA	18.0
13	HEMGIRI	47.0
14	JAMADARPALLI	6.2
15	JAMANKIRA	18.0
16	JHARSUGUDA (IMD)	25.2
17	KORBA	2.2
18	KUCHINDA	2.0
19	KURUBHATTA	11.0
20	KELO	10.8
21	MANENDRAGARH	0.0
22	MAHULPALI	0.0
23	NAWAPARA	15.6
24	LAIKERA	4.2
25	Gundardehi	87.5
26	Doundi	13.5
27	Gurur	32.2
28	DONDILOHARA	24.2
29	BALOD	43.1
30	PALLARI/PALARI	22.2
31	BALODA BAZAR	15.5
32	Kasdole	1.7
33	Bilaigarh	0.0
34	Bhatapara	0.0
35	Darbha	40.8
36	Saja	16.8
37	Berla	20.0
38	Nawagarh	7.0
39	Than Khamaria	12.0
40	BEMETARA	0.0
41	Masturi	25.4
42	Bilha	18.0
43	Kota	24.4
44	Takhatpur	70.6
45	BILASPUR	10.2
46	Kurud	38.4
47	Nagari	43.7
48	Magarlod	30.6
49	DHAMTARI	28.9
50	Patan	70.0
51	Dhamdha	40.0
52	DURG	17.4
53	DEOBHOG	0.0
54	GARIABUND	23.2
55	Chhura	32.0
56	Mainpur	8.2
57	Akaltara	15.7
58	Pamgarh	24.4
59	Baloda	23.0
60	Jaijaipur	5.1
61	Malkharoda	3.8
62	Dhabhara	5.2
63	SAKTI	3.1
64	JANUGIR	4.8
65	CHAMPA	4.0
66	Manora	4.5
67	Bagicha	4.7
68	Duldula	1.0
69	Kunkuri	2.1
70	Kansabel	2.8
71	Tapkara	0.6

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	3.6
73	JASHPURNAGAR	18.0
74	Bodla	7.4
75	Sahaspurlohara	7.6
76	Pandaria	7.5
77	KAWARDHA	3.6
78	Charama	51.4
79	Nerharpur	20.3
80	Poudi Uparora	4.4
81	Kartala	0.0
82	PALI	5.4
83	KATGHORA	3.2
84	Sonhat	17.6
85	Khadgava	4.3
86	Pithora	10.5
87	Bagbahara	13.4
88	Basana	16.9
89	MAHASAMUND	30.0
90	SARAIPALI	17.9
91	Patharia	10.0
92	Lormi	35.0
93	MUNGELI	1.0
94	Kharsiya	6.9
95	Lailunga	3.6
96	Pusaur	14.5
97	Baramkela	0.0
98	Tamnar	17.2
99	SARANGARH	0.0
100	RAIGARH	10.0
101	GHARGHODA	0.0
102	MANA-RAIPUR-AP	28.2
103	ARANG	24.8
104	Tilda	15.7
105	Abhanpur	29.3
106	Chhuikhadan	35.9
107	Khairagarh	34.2
108	Chhuria	11.2
109	RAJNANDGAON	42.0
110	DONGARGARH	25.0
111	DONGARGAON	44.7
112	GANDAI	13.8
113	AMBAGARH CHOWKI	16.0
114	Premnagar	2.0
115	Ramanujnagar	5.3
116	Batoli	2.9
117	Sitapur	2.2
118	Lundra	0.8
119	KOLABIRA	0.0
120	PARMANPUR	2.4
121	PENDRA RD (CWC)	1.8
122	RAIPUR(IMD)	17.6
123	RAIPUR (CWC)	42.4
124	RAJIM	3.6
125	RAMPUR	5.8
126	SANKARA	13.0
127	SEORINARAYAN	1.6
128	SIMGA	11.8
129	SUNDERGARH (IMD)	8.3
130	SUND-RH (CWC)	9.4
131	SURAJGARH	20.2
132	THETTANG	0.0
133	GOPALPUR	7.4
134	ZONDRA	12.2
135	BALISANKRA	5.2
136	BAMRA	5.0
137	LEPHRIPARA	8.3
138	KUTRA	14.2
139	TANGARPALI	18.4
140	KIRMIRA	3.0
141	LAKHANPUR	23.0
	AVG	14.9

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	0.0
2	DERABIS	6.0
3	JHARBANDH	23.0
4	GAISILETE	5.0
5	PHIRINGIA	2.2
6	ALIPINGAL	0.4
7	ARMPUR	13.8
8	ATHAGARH	16.0
9	ATHAMALIK	10.2
10	BALIGUDA	6.0
11	BANPUR	3.0
12	BARGARH	1.6
13	BARMUL	10.4
14	BELGAON	11.2
15	BHAWANIPATNA(IMD)	7.0
16	BHUBANESWAR (IMD)	15.5
17	BIJEPUR	8.0
18	BINIKA	3.1
19	BOLANGIR (IMD)	18.5
20	BOUDA GARH	7.1
21	BURLA (CWC)	8.6
22	BURLA (IRRI)	9.4
23	CUTTACK (IMD)	0.0
24	CHILIKA	4.0
25	DASHPALLA	7.6
26	DUNGURIPALI	24.2
27	GOP	2.0
28	HARABHANGA	6.0
29	HIRAKUD (IMD)	6.2
30	JAIPATNA	4.0
31	JUNAGARH	3.0
32	KAKATPUR	0.0
33	KALINGA	18.0
34	KANAS	10.0
35	KANTAMAL (BDO)	36.0
36	KANTAMAL (CWC)	29.8
37	KENDRAPARA	24.0
38	KENDRAPARA (PTO)	7.2
39	KESINGA	7.2
40	KHANDAPADA* (BDO)	19.2
41	KHANDAPADA (CWC)	39.8
42	KHARIAR	12.0
43	KHAIRMAL (IRR)	3.0
44	KHAIRAMAL (CWC)	5.8
45	KOMNA	15.0
46	M. RAMPUR	26.0
47	MUNDALI	7.3
48	NARAJ	1.4
49	NARASINGHPUR	3.0
50	NAYAGARH	14.6
51	NIMAPARA	2.4
52	PADAMPUR	24.0
53	PADMABATI	14.2
54	PAIKAMAL	29.3
55	PARADEEP (IMD)	0.5
56	G.UDAYGIRI	36.0
57	PATNA GARH	6.8
58	PATAMUNDAI	0.0
59	PHULBANI (IMD)	4.4
60	PHULBANI (CWC)	6.6
61	PILILI	18.0
62	PURI (IMD)	TR
63	RAIRAKHOL	2.0
64	R.K NAGAR	11.8
65	RANPUR	4.2
66	SALBHATTA	34.2
67	SAMBALPUR (IMD)	1.0
68	SOHELA	4.0
69	SONEPUR	4.8
70	TANGI	0.0
71	TIKABALI	15.0
	AVG	10.5

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
72	TIKARAPARA	27.8
73	TITLA GARH (IMD)	5.6
74	KOKSARA	5.0
75	TUREIKELA	4.0
76	KALAMPUR	2.0
77	SINAPALI	7.4
78	BODEN	16.0
79	LOISINGHA	21.0
80	TIRTOL	4.0
81	SAINTALA	16.0
82	NARLA	15.0
83	AGALPUR	27.0
84	RAIKIA	12.0
85	B.M.PUR	12.6
86	BARPALI	15.0
87	ATTABIRA	2.0
88	BHTALI	12.0
89	TH. RAMPUR	10.0
90	GUDVELA	12.0
91	DEOGAON	16.0
92	BANGAMUNDA	51.0
93	BIRIDI	0.0
94	NAUGAON	0.0
95	GOLAMUNDA	10.2
96	CHAKAPAD	19.0
97	KHAJURIPADA	9.2
98	MOHAKALAPADA	4.0
99	JATNI	25.0
100	BEGUNIA	19.0
101	BHAPUR	15.2
102	DHANKAUDA	6.2
103	JAGATSingHPUR(PTO)	0.0
104	KHORDHA(PTO)	4.0
105	CHANDAHANDI	6.0
106	JHORIGAM	20.0
107	DHARMAGARH	5.0
108	BELPADA	11.0
109	KHAPRAKHOL	11.0
110	TARVA	26.4
111	K NUAGAON	7.2
112	JUJUMURA	12.4
113	ULLUNDA	5.0
114	KARLAMUNDA	12.0
115	BOLAGARH	23.0
116	GANIA	7.5
117	BANKI	18.0
118	TIGIRIA	18.0
119	ASTARANGA	0.0
120	BRAHMAGIRI	9.0
121	KRISHNAPRASAD	2.0
122	KANTAPADA	0.0
123	MAHANGA	6.0
124	NIALI	0.0
125	NISCHINTAKOILI	11.0
126	SALEPUR	5.0
127	BALIKUDA	0.0
128	RAGHUNATHPUR	0.0
129	GARADAPUR	3.0
130	MARSAGHAI	0.0
131	BALIPATNA	2.0
132	KUJANGA	5.0
133	NUAUGAON	21.5
134	ODAGAON	2.3
135	BASANA	16.9
136	DEOBHOG	0.0
	AVG	10.5

Sl No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	4.5
2	LAHUNIPARA	40.0
3	PALLAHARA	2.0
4	PANPOSH	12.2
5	RAJGANGA PUR	32.6
6	BARKOTE	0.0
7	BONAI	17.0
8	DEOGARH	2.4
9	MANDIRADAM	8.4
10	TENSA	92.2
11	LATHIKATA	48.5
12	JODA	62.4
13	GURUNDIA	11.0
14	PALKOT	2.8
15	RAIDIH	21.4
16	KURU	35.0
17	LOHARDAGA	8.2
18	MANDAR	0.0
19	KOLEBIRA	0.0
20	KURDEG	0.0
21	SIMDEGA	0.6
22	JASHPURNAGAR	18.0
23	RAURKELA(Airport)	5.2
	AVG	18.5
LOWER BRAHMANI		
1	REAMAL	16.8
2	RENGALI	2.4
3	ALTUMA	15.0
4	ANGUL (IMD)	40.0
5	BATAGAON	28.7
6	CHHENDIPADA	15.2
7	DHENKANAL	12.4
8	DHENKANAL (PTO)	14.5
9	HINDOL	24.0
10	JENAPUR	15.6
11	KAMAKHYA NGR	15.6
12	NAKTIDEUL	19.0
13	SUKINDA	10.0
14	TALCHER	35.0
15	TELKOI	11.0
16	KANKADAHAD	6.4
17	JAIPUR	0.0
18	JAIPUR (PTO)	0.0
19	RAJ KANIKA	6.0
20	AUL	8.0
21	RAJNAGAR	5.0
22	BANARPAL	14.2
23	KANIHA	7.6
24	PARJANG	38.0
25	GONDIA	9.2
26	BHUBAN	46.0
27	DANAGADI	19.0
28	KOREI	3.0
29	CHANDIKHOL	3.0
30	BARI	0.0
31	BINUHARPUR	0.0
	AVG	14.2

Source:-Met Centre Bhubaneswar

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Sl No	Name of Stations	Rainfall (in mm)
SUBERNAREKHA		
1	SARASAKANA	63.0
2	BHOGARAI	6.0
3	FEKOGHAT	54.0
4	GHATSILA	80.4
5	JALESWAR	31.0
6	JAMSEDPUR (IMD)	22.2
7	JAMSEDPUR (CWC)	23.2
8	JAMSOLAGHAT	28.4
9	RAIRANG PUR	6.2
10	RAJGHAT	7.2
11	RANCHI	18.6
12	TIRING	28.4
13	BIJATALA	34.0
14	KUSUMI	14.0
15	JAMDA	24.0
16	ARKI	32.0
17	ICAR NAMKUM	17.0
18	ORMANJHI	8.8
19	CHANDIL	24.0
20	KHARSEMA	25.8
21	NIMDIH	4.0
22	CHAIBASA	50.0
23	CHAKRADHARPUR	50.2
24	BAHALDA	42.2
	AVG	28.9
BUDHABALANGA		
1	BALASORE (IMD)	12.4
2	BALASORE (CWC)	14.4
3	BALIMUNDALI	47.2
4	BANGIRIPOSHI	65.2
5	BARIPADA (IMD)	11.2
6	BARIPADA (CWC)	6.8
7	CHANDANPUR	58.0
8	JAIPUR	48.2
9	NAWANA	30.4
10	NH-5, GOVINDPUR	16.2
11	NILGIRI	44.0
12	SORO	25.0
13	BETANATI	21.0
14	UDALA	87.0
15	BAHANAGA	28.0
16	KHAIRA	14.0
17	MURUDA	35.0
18	SULIAPADA	54.0
19	G.B.NAGAR	40.0
20	REMUNA	12.0
21	SAMAKHUNTA	35.0
22	BASUDEVPUR	29.0
23	CHANDUA(KULIANA)	63.0
24	RASAGOVINDAPUR	24.0
25	OUPADA	28.0
	AVG	34.0

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

Date:22.07.2023

BLOCKWISE RAINFALL FOR PAST 24 HRS ENDING AT 0630 HRS OF DATE												Date:22.07.2023									
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)						
1. ANGUL				8. DEOGARH				21. MALKANGIRI				27. RAYAGADA									
1	Angul		40.0	1	Barkote		0.0	4	Madanpur Rampur		26.0	1	Rayagada		6.8						
2	Banarpal		14.2	2	Deogarh		2.4	5	Narla		15.0	2	Kolnara		48.4						
3	Chhendipada		15.2	3	Reamal		16.8	6	Lanjigarh		31.2	3	Kalyansingpur		53.2						
4	Talcher		35.0	Avg		6.4	7	Thuamul Rampur		10.0	4	Chitrakonda (K.Gumma)		1.0	4	Kashipur	9.0				
5	Kaniha		7.6	9. DHENKANAL				9	Junagarh		3.0	5	Korukonda		13.0	5	Gunupur	15.0			
6	Athamalik		10.2	1	Dhenkanal		12.4	10	Kalampur		2.0	6	Kalimela		5.0	6	Padmapur	4.2			
7	Kishorenagar		11.8	2	Gondia		9.2	11	Jayapatna		4.0	7	Podia		10.3	7	Gudari	37.8			
8	Pallahara		2.0	3	Odapada		24.0	12	Kokasara		5.0	Avg		11.0	8	Ramanaguda		19.4			
Avg			17.0	4	Hindol		24.0	13	Golamunda		10.2	22. MAYURBHANJ				9	Bissam Cuttack		15.2		
2. BALASORE				5	Kamakhyanagar		15.6	Avg				10.4	1	Samakhunta		35.0	10	Muniguda		24.3	
1	Bhograi		6.0	6	Bhuban		46.0	16. KANDHAMAL				2	Badasahi		37.0	11	Chandrapur		27.6		
2	Basta		30.0	7	Parjang		38.0	1	Baliguda		6.0	3	Betanati		21.0	Avg			23.7		
3	Jaleswar		31.0	8	Kankadahad		6.4	2	Chakapad		19.0	4	Morda		35.0	28. SAMBALPUR					
4	Baliapal		10.0	Avg			22.0	3	Daringibadi		17.0	5	Rasgovindapur		24.0	1	Jujumura		12.4		
5	Balasore		12.0	10. GAJAPATI				4	G.Udayagiri		36.0	6	Kuliana		63.0	2	Dhankauda		6.2		
6	Remuna		12.0	1	Kasinagar		5.4	5	Khajuripada		9.2	7	Sarasakana		63.0	3	Rengali		40.4		
7	Nilagiri		44.0	2	Paralakhemundi		0.0	6	Kotagarh		39.0	8	Suliapada		54.0	4	Maneswar		4.2		
8	Soro		25.0	3	Rayagada		3.0	7	Nuagaon		7.2	9	Bangriposi		65.2	5	Kuchinda		2.0		
9	Bahanaga		28.0	4	Gumma		27.0	8	Phiringia		2.2	10	Baripada		44.0	6	Jamankira		18.0		
10	Simulia		7.0	5	Nuagada		20.0	9	Phulbani		4.4	11	Khunta		40.0	7	Bamra		5.0		
11	Khaira		14.0	6	R.Udaygiri		14.2	10	Raikia		12.0	12	Gopabandhunagar		40.0	8	Rairakhol		2.0		
12	Oupada		28.0	7	Mohana		9.8	11	Tikabali		15.0	13	Udala		87.0	9	Naktideul		19.0		
Avg			20.6	8	Gosani		0.0	12	Tumudibandh		64.8	14	Kaptipada		58.0	Avg			12.1		
3. BARGARH				Avg				9.9	Avg				19.3	15	Besoi		52.0	29. SUBARNAPUR			
1	Ambabhona		27.0	11. GANJAM				16	Bijatala		34.0	16	Bijatala		34.0	1	Sonepur		14.0		
2	Attabira		2.0	1	Chhatrapur		0.0	1	Kendrapara		24.0	17	Rairangapur		14.0	2	Binika		3.1		
3	Bargarh		1.6	2	Ganjam		0.0	2	Derabis		6.0	18	Kusumi		14.0	3	Tarbha		26.4		
4	Barpali		15.0	3	Purusottampur		0.0	3	Marshaghai		0.0	19	Jamda		24.0	4	Dunguripali		24.2		
5	Bhatli		12.0	4	Kabisuryanagar		0.0	4	Mohakalpara		4.0	20	Bahalda		42.2	5	Birmaharajpur		12.6		
6	Bheden		1.0	5	Polasara		0.0	5	Garadapur		3.0	21	Tiring		28.4	6	Ullunda		5.0		
7	Bijepur		8.0	6	Kodala		0.0	6	Pattamundai		0.0	22	Joshipur		4.4	Avg			14.2		
8	Gaisilet		5.0	7	Khalikot		3.0	7	Aul		8.0	23	Karanjia		6.0	30. SUNDARGARH					
9	Jharbandh		23.0	8	Hinjilicut		0.0	8	Rajnagar		5.0	24	Thakurmunda		38.0	1	Hemgir		47.0		
10	Padampur		24.0	9	Rangeilunda		0.0	9	Rajkanika		6.0	25	Sukuruli		12.4	2	Lephripara		8.3		
11	Paikmal		29.3	10	Kukudakhandi		0.0	Avg				6.22	26	Raruana		6.0	3	Tangarpali		18.4	
12	Sohela		4.0	11	Chikiti		0.0	18. KEONJHAR				Avg		36.2	4	Sundargarh		8.3			
Avg			12.7	12	Patrapur		0.0	1	Keonjhar		24.2	23.NAWARANGHPUR				5	Subdega		8.2		
4. BHADRAK				13	Sanakhemundi		4.0	2	Banspal		23.2	1	Nawarangpur		2.0	6	Balisankara		5.2		
1	Bhadrak		43.5	14	Digapahandi		0.0	3	Telkoi		11.0	2	Nandahandi		8.0	7	Bargaon		15.4		
2	Bhandaripokhari		4.0	15	Bhanjanagar		12.0	4	Patna		29.0	3	Tentulikhunti		8.0	8	Kutra		14.2		
3	Basudevpur		29.0	16	Belaguntha		11.2	5	Saharpada		18.2	4	Papadahandi		25.0	9	Rajgangpur		32.6		
4	Bonth		8.0	17	Jagannathprasad		3.3	6	Ghatgaon		20.4	5	Kosagumuda		15.8	10	Kuarmunda		5.4		
5	Chandbali		3.0	18	Buguda		0.0	7	Harichandanpur		31.0	6	Dabugaon		7.2	11	Nuagaon		3.0		
6	Dhamnagar		2.0	19	Aska		0.0	8	Anandapur		32.4	7	Umerkote		9.2	12	Bisra		4.4		
7	Tihidi		3.0	20	Dharakote		0.0	9	Ghasipura		27.2	8	Raighar		20.3	13	Lathikata		48.5		
Avg			13.2	21	Sheragada		0.0	10	Hatadihi		18.1	9	Jharigaon		20.0	14	Bonai		17.0		
5. BALANGIR				22	Sorada		1.5	11	Champua		5.0	10	Chandahandi		6.0	15	Lahunipara		40.0		
1	Balangir		18.5	Avg			1.6	12	Joda		62.4	Avg				12.2	16	Gurundia		11.0	
2	Puintala		37.0	12. JAGATSINGHPUR				13	Jhumpura		25.2	24. NAYAGARH				17	Koira		64.0		
3	Gudvella		12.0	1	Jagatsinghpur		0.0	Avg				25.2	1	Bhapur		15.2	Avg			20.6	
4	Duduka		27.0	2	Biridi		0.0	19. KHORDHA				2	Daspalla		7.6						
5	Deogaon		16.0	3	Raghunathpur		0.0	1	Balianta		0.0	3	Gania		7.5						
6	Loisingha		21.0	4	Balikuda		0.0	2	Balipatna		2.0	4	Khandapara		19.2						
7	Patnagarh		6.8	5	Naugaon		0.0	3	Bhubaneswar		0.0	5	Nayagarh		10.2						
8	Belpada		11.0	6	Tirtol		4.0	4	Jatani		25.0	6	Nuagaon		21.5						
9	Khaprakhol		11.0	7	Kujanga		5.0	5	Banapur		3.0	7	Odagaon		2.3						
10	Titilagarh		5.6	8	Erasama		3.0	6	Begunia		19.0	8	Ranpur		4.2						
11	Tureikela		4.0	Avg			1.5	7	Bolagarh		23.0	Avg				11.0					
12	Bangomunda		51.0	13. JAJPUR				8	Chilika		4.0	25. NUAPADA									
13	Muribahal		5.0	1	Jajpur		0.0	9	Khordha		4.0	1	Boden		16.0						
14	Saintala		16.0	2	Binjharpur		0.0	10	Tangi		0.0	2	Khariar		12.0						
Avg			17.3	3	Dasarathpur		2.0	Avg				8.0	3	Komna		15.0					
6. BOUDH				4	Korei		3.0	20. KORAPUT				4	Nuapada		12.1						
1	Boudh		7.1	5	Danagadi		19.0	1	Koraput		13.6	5	Sinapali		7.4						
2	Kantamal		36.0	6	Sukinda		10.0	2	Lamataput		4.2	Avg				12.5					
3	Harabhanga		6.0	7	Rasulpur		4.8	3	Pottangi		0.0	26. PURI									
Avg			16.4	8	Dharmasala		3.0	4	Bandhugaon		31.0	1	Astarang		0.0						
7. CUTTACK				9	Badachana		5.0	5	Nandapur		2.0	2	Brahmagiri		9.0						
1	Athagarh		16.0	10	Bari		0.0	6	Dasmantpur		0.2	3	Delang		11.0						
2	Banki-Dampada		18.0	Avg			4.7	7	Narayanpatna		27.6	4	Gop		2.0						
3	Barang		5.0	14. JHARSUGUDA				8	Laxmipur		0.0	5	Kakatpur		0.0						
4	Badamba		22.0	1	Jharsuguda		3.0	9	Similiguda		7.0	6	Kanas		23.0						
5	Cuttack Sadar		0.0	2	Kolabira		0.0	10	Jeypore		7.6	7	Krushnaprasad		2.0						
6	Kantapada		0.0	3	Laikera		4.2	11	Kotpad		3.0	8	Nimapara		5.0						
7	Mahanga		6.0	4	Kirmira		3.0	12	Kundra		7.0	9	Pipili		18.0						
8	Niali		0.0	5	Lakhanpur		23.0	13	Borigumma		0.0	10	Puri		0.0						
9	Nischintakolli		11.0	Avg			6.6	14	Boipariguda		10.0	11	Satyabadi		0.0						
10	Narasinghpur		3.0	15. KALAHANDI				Avg				8.1	Avg				6.4				
11	Salepur		5.0	1	Bhabanipatna		5.0														
12	Tangi-Choudwar		0.0	2	Kesinga		7.2														
13	Tigiria		18.0	3	Karlamunda		12.0														
Avg			8.0																		

Source: SRC,Bhubaneswar