



Flood Bulletin, 2024

Government of Odisha

Department of Water Resources

Volume No.54

Date: 24.07.24

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	102.18	R	-6.82	108.31	19.09.08
	Tikarpara	-	-	12:00	58.48	F	-	74.98	30.08.82
	Naraj (IB)	26.41	25.41	12:00	23.40	R	-3.01	27.60	31.08.82
Kusabhadra	Nimapara	10.76	9.85	12:00	3.38	S	-7.38	11.60	31.08.82
Devi	Alipingala	11.76	10.85	12:00	2.62	R	-9.14	13.05	20.09.08
Brahmani	Panposh	178.42	177.51	12:00	171.27	S	-7.15	181.44	24.09.11
	Rengali	88.0	-	12:00	NR	-	-	92.25	18.08.75
	Talcher	62.91	-	12:00	55.10	R	-7.81	65.53	19.08.75
	Jenapur	23.0	22.0	12:00	19.59	R	-3.41	24.78	20.08.75
	Indupur	8.23	-	12:00	NR	-	-	-	-
Baitarani	Champua	376.41	375.33	12:00	371.24	S	-5.17	379.06	23.09.11
	Swampatna	311.1	-	12:00	305.00	S	-6.10	315.66	14.08.75
	Anandapur	38.36	37.44	12:00	32.20	S	-6.16	41.35	23.09.11
	Akhuapada	18.33	17.83	12:00	17.24	S	-1.09	21.95	16.08.60
Budhabalanga	Chandanpur	-	-	12:00	81.34	S	-	85.80	09.11.95
	Baripada	30.92	29.7	12:00	22.18	R	-8.74	34.82	13.10.13
	Balimundali	-	-	12:00	36.26	S	-	42.20	1995
	NH5-Govindapur	8.13	7.21	12:00	0.74	R	-7.39	9.67	12.10.73
Subarnarekha	Jamshedpur	123.5	122.5	12:00	115.6	R	-7.88	129.82	12.10.73
	Jamsolaghat	49.16	48.32	12:00	43.76	S	-5.40	56.76	03.09.78
	Rajghat	10.36	9.45	12:00	3.39	S	-6.97	12.69	19.06.08
Jalaka	Mathani Road Bridge	6.50	6.0	12:00	NR	-	-	7.31	22.09.21
Rushikulya	Sorada	81.99	80.99	12:00	77.47	S	-4.52	83.21	04.11.90
	Madhabarida	60.65	-	12:00	NR	-	-	61.44	18.10.99
	Purusottampur	16.84	15.84	12:00	11.97	F	-4.87	19.66	04.11.90
Vansadhara	Gudari	-	-	12:00	114.29	S	-	121.82	17.09.80
	Gunupur	84.0	83.0	12:00	80.39	S	-3.61	88.75	17.09.80
	Kashinagar	54.6	54.1	12:00	52.57	S	-2.03	58.93	18.09.80

Status of Major Reservoirs

Name of the Reservoir	Name of the District	Dead Storage Level	FRL/ MWL	Reservoir Level	LS Available/ Live Storage Capacity (%)	Last Year (2023) R.L/ Live Storage Avl (%)	Inflow	Total Outflow	Gates Open (Nos)/ Trend
1.Hirakud 12:00Hr	Sambalpur	590.0 ft	630.0ft	602.10 ft	<u>886.0 Mcum</u> 4822.83Mcum (18.4%)	<u>614.31 ft</u> 45.5%	1,09,087.0 Cusec	36,156.0 Cusec	0/98 Rising
2.Rengali 09:00Hr	Angul	109.72 m	<u>123.5 m</u> 125.4 m	110.98 m	<u>18062.0 Ham</u> 341371.0 Ham (5.3%)	<u>112.12 m</u> 11.3%	435.96 Cumec	8.15 Cumec	0/27 Rising
3.U. Indravati 08:00Hr	Nabrangpur	625.0 m	<u>642 m</u> 643 m	628.92 m	<u>25572.0 Ham</u> 148550.0 Ham (17.2%)	<u>629.72 m</u> 21.1%	201.74 cumec	62.01 Cumec	0/12 Rising
4.UpperKolab 08:00Hr	Koraput	844.0 m	858.0 m	851.2 m	<u>366.53 Mcum</u> 935.0 Mcum (39.2%)	<u>850.10 m</u> 30.4%	354.85 Cumec	31.18 Cumec	0/11 Rising
5.Balimela 08:00Hr	Malkangiri	1440.0 ft	<u>1516 ft</u> 1518 ft	1470.5 ft	<u>75892.0 Ham</u> 267600.0 Ham (28.4%)	<u>1462.8 ft</u> 20.1%	32781.0 Cusec	1496.00 Cusec	0/12 Rising
6.Machhkund (Jalaput) 08:00Hr	Malkangiri	2685.0 ft	2750.0 ft	2723.2 ft	<u>34471.0 Ham</u> 89254.7 Ham (38.6%)	<u>2701.55 ft</u> 11.6%	13056.0 Cusec	10.0 Cusec	0/12 Rising
7.Salandi 06:00Hr	Keonjhar	50.24 m	<u>82.3 m</u> 83.21m	68.6 m	<u>18809.0 Ham</u> 55650.0 Ham (32.3%)	<u>73.43 m</u> 53.2%	20.21 Cumec	50.96 Cumec	2/11 Falling
8.LowerIndra 08:00Hr	Nuapada	251.0 m	<u>265 m</u> 265 m	262.31 m	<u>22986.9 Ham</u> 31425.2 Ham (73.2%)	<u>261.57 m</u> 65.1%	98.74 cumec	17.67 Cumec	0/09 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	50,296.0 Cusec	19,666.0 Cusec	During last 24 Hrs ending 08:00Hrs of 24.07.2024
Rengali	376.13 Cumec	137.72 Cumec	During last 24 Hrs ending 06:00Hrs of 24.07.2024

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	6,280
	Tarapur	12:00	BG
	Saradihi	12:00	1,94,590
	Kalma	12:00	NR
	Deogaon	12:00	BG
Mahanadi (Down Stream Hirakud)	Khairmal	12:00	94,000
	Barmul	12:00	1,06,500
	Mundali	12:00	1,32,602
Tel	Patharla	12:00	69,847
Baitarani	NH-5 Akhuapada	12:00	576
Brahmani	Pankapal	12:00	35,222
Subarnarekha	Rajghat	12:00	675
Rushikulya	Purusottampur	12:00	1243

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	37.5%	17.	Harabhangi	5.4%	33.	Ret	26.3%
2.	Baghalati	18.2%	18.	Harihorjore	27.9%	34.	Rukura	42.1%
3.	Baghua	20.9%	19.	Jambira*	4.0%	35.	Saipala	5.9%
4.	Bankabahal	8.9%	20.	Jharbandh*	1.4%	36.	Salia*	53.2%
5.	Bhanjanagar	37.5%	21.	Kalo	25.1%	37.	Sapua*	83.4%
6.	Bhaskel*	27.3%	22.	Kanjhari	20.1%	38.	Saraphgarh	10.3%
7.	Budhabudhiani	50.8%	23.	Kansabahal	28.0%	39.	Satiguda*	53.0%
8.	Dadarghati*	53.8%	24.	Khadkhai	35.5%	40.	Soroda*	25.5%
9.	Daha	32.8%	25.	Kuanria	38.0%	41.	Sunder	17.6%
10.	Deo	53.5%	26.	Mandira	35.2% (3)	42.	Sunei	26.1%
11.	Derjang	66.5%	27.	Manjore	29.3%	43.	Talsara	17.1%
12.	Dhanei*	63.2%	28.	Nesa*	23.8%	44.	Telengiri	37.6%
13.	Dumberbahal	25.7%	29.	Pilasalki*	35.7%	45.	Titlagarh	38.8%
14.	Ghodahada	15.8%	30.	Pitamahal*	40.6%	46.	Upper Jonk	40.9%
15.	Gohira	13.0%	31.	Ramial	21.8%	47.	Upper Suktel*	22.7%
16.	Haladia	26.1%	32.	Remal	35.4%			

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

Above 75%
 Above 90%

Medium Reservoir: 47 Nos.

(Gated-34, Un-Gated-13),

Below 50%: 39 Nos., Between 50% to 75%: 07 Nos., Above 75%:1 Nos.

AVAILABLE LIVE STORAGE CAPACITY OF MAJOR & MEDIUM RESERVOIRS (24.07.2024)

No. of Gates Open/Total Gates:

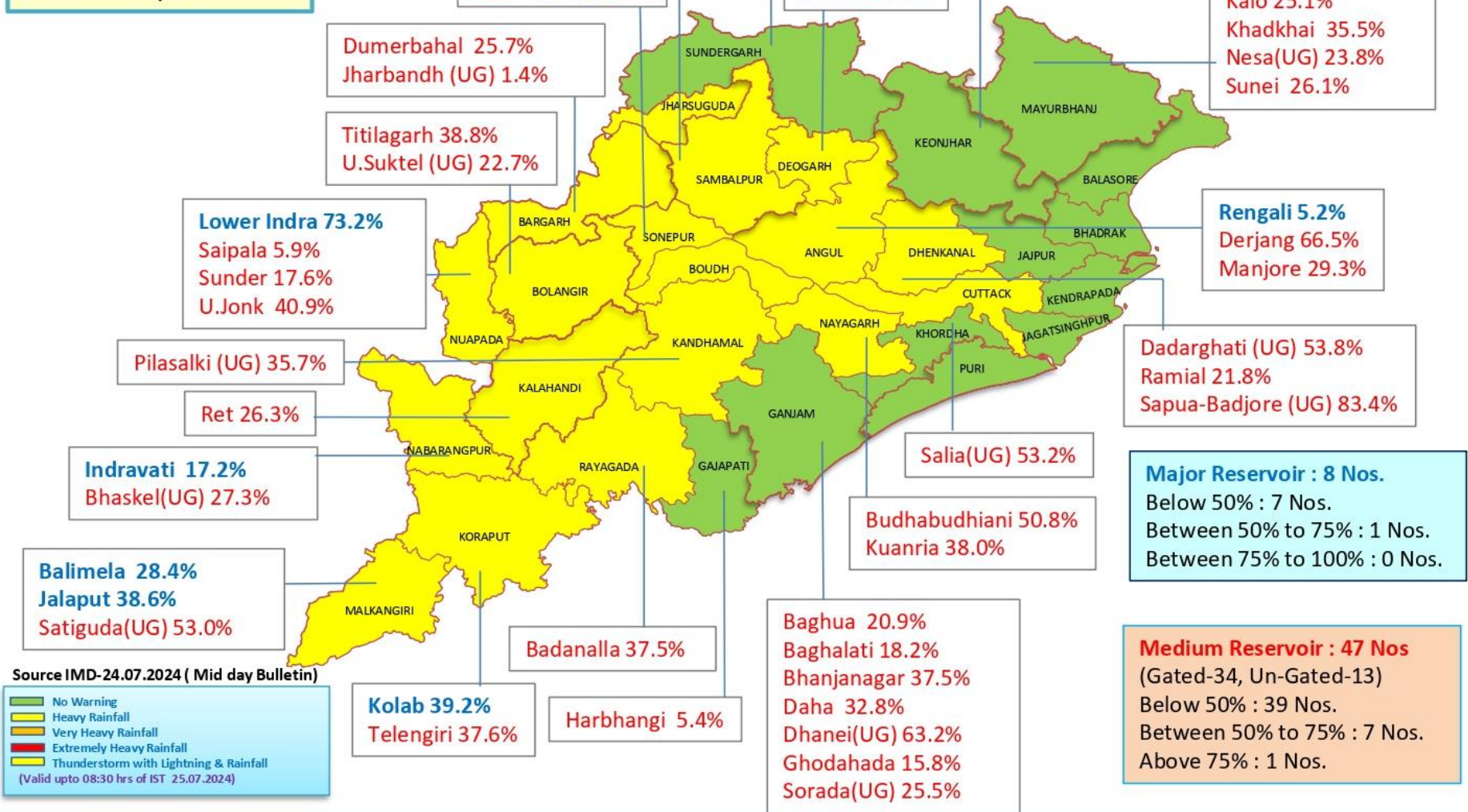
Major

1. Salandi- 02/11

No. of Gates Open/Total Gates:

Medium

1. 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



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

(Ministry of Earth Sciences)

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HYDROMET BULLETIN

1) Synoptic Situation

Southwest monsoon has been Active Over Odisha.

- ❖ The cyclonic circulation over Jharkhand & neighbourhood extending upto 7.6 km above mean sea level tilting southwards with height persists.
- ❖ The Monsoon trough at mean sea level now passes through Bikaner, Sikar, Gwalior, Sidhi, Daltonganj, Canning and thence east-southeastwards to Northeast Bay of Bengal.
- ❖ The shear zone now runs roughly along 21°N between 4.5 & 7.6 km above mean sea level tilting southwards with height.

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

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (24.07.24)	Day-2 (25.07.24)	Day-3 (26.07.24)	Day-4 (27.07.24)	Day-5 (28.07.24)	Day-6 (29.07.24)	Day-7 (30.07.24)
1	BAITRANI	BT	11-25	11-25	11-25	11-25	0.1-10	11-25	11-25
2	LOWER BRAHMANI	LB	11-25	11-25	11-25	0.1-10	11-25	11-25	11-25
3	UPPER BRAHMANI	UB	11-25	11-25	11-25	11-25	0.1-10	11-25	11-25
4	BHURABALANG	BB	11-25	11-25	11-25	11-25	0.1-10	11-25	11-25
5	LOWER MAHANADI	LM	26-37	11-25	0.1-10	0.1-10	0.1-10	11-25	11-25
6	NAGAVALI	NV	11-25	11-25	11-25	0.1-10	0.1-10	11-25	11-25
7	RUSHIKULIYA	RK	11-25	11-25	11-25	0.1-10	0.1-10	11-25	11-25
8	SUBERNAREKHA	SR	11-25	11-25	11-25	11-25	0.1-10	11-25	11-25
9	UPPER MAHANADI	UM	11-25	11-25	0.1-10	11-25	0.1-10	11-25	11-25
10	VAMSDHARA	VD	11-25	11-25	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
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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 (24.07.24)		Day-2 (25.07.24)		Day-3 (26.07.24)		Day-4 (27.07.24)		Day-5 (28.07.24)		Day-6 (29.07.24)		Day-7 (30.07.24)	
			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	L	WS	M	FWS	M	FWS
2	LOWER BRAHMANI	LB	M	WS	M	WS	M	WS	L	WS	M	FWS	M	FWS	M	FWS
3	UPPER BRAHMANI	UB	M	WS	M	WS	M	WS	M	WS	L	WS	M	FWS	M	FWS
4	BHURABALANG	BB	M	WS	M	WS	M	WS	M	WS	L	WS	M	FWS	M	FWS
5	LOWER MAHANADI	LM	M	WS	M	WS	L	FWS	L	FWS	L	FWS	M	FWS	M	FWS
6	NAGAVALI	NV	M	WS	M	WS	M	WS	L	FWS	L	FWS	M	FWS	M	FWS
7	RUSHIKULIYA	RK	M	WS	M	WS	M	WS	L	FWS	L	FWS	M	FWS	M	FWS
8	SUBERNAREKHA	SR	M	WS	M	WS	M	WS	M	WS	L	FWS	M	FWS	M	FWS
9	UPPER MAHANADI	UM	M	WS	M	WS	L	FWS	M	WS	L	WS	M	FWS	M	FWS
10	VAMSDHARA	VD	M	WS	M	WS	M	WS	L	FWS	L	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
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.		

3) River Sub-basin-wise Heavy Rainfall Warning

S. No	Basin Name	Sub-basin Name	Day-1 (24.07.24)		Day-2 (25.07.24)		Day-3 (26.07.24)		Day-4 (27.07.24)		Day-5 (28.07.24)		Day-6 (29.07.24)		Day-7 (30.07.24)	
			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	NIL	NIL	NIL	NIL	NIL	NIL
2	LOWER BRAHMANI	LB	H	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	UPPER BRAHMANI	UB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
4	BHURABALAN G	BB	NIL	NIL	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
5	LOWER MAHANADI	LM	VH	ISOL	VH	ISOL	H	ISOL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL
6	NAGAVALI	NV	H	ISOL	NIL	NIL	VH	ISOL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL
7	RUSHIKULIYA	RK	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
8	SUBERNAREK HA	SR	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
9	UPPER MAHANADI	UM	H	ISOL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
10	VAMSDHARA	VD	NIL	NIL	NIL	NIL	H	ISOL	NIL	NIL	NIL	NIL	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	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.			

4) River Sub-basin-wise Probabilistic QPF

Basin Name	Sub-basin Name	QPF Probability (%)																																			
		Day-1 (24.07.2024) (QPF categories)						Day-2 (25.07.2024) (QPF categories)					Day-3 (26.07.2024) (QPF categories)					Day-4 (27.07.2024) (QPF categories)					Day-5 (28.07.2024) (QPF categories)					Day-6 (29.07.2024) (QPF categories)					Day-7 (30.07.2024) (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. N O.	NAME OF SUB-BASIN	NAME OF STATION AND RAINFALL (≥55 MM.)
1	LOWER BRAHMANI	Parjang(85),Kankadahad(79),Altuma(78.2),Kamakhya Ngr (77.3),Angul (Imd)(69)
2	UPPER BRAHMANI	Pallahara (90.2)
3	LOWER MAHANADI	Jharbandh(200.2),Paikamal (168),Ullunda(158),Padampur (130),Salbhatta(100.6),Kantamal (Cwc) (97.4),Kantamal (Bdo)(89.8),Agalpur(88),Banki(87),Tarva(85.4),Dunguripali(84),Basana(78.4),Binika (71),Barpali(68),Gaisilete(66),Bolangir (Imd)(65),Khairamal (Cwc)(65)
4	SUBERNAREKHA	Fekoghat(104.8),Chandil(103.8),Icar Namkum(88.5),Ranchi(66.8)
5	UPPER MAHANADI	Rampur(159.8),Kasdole(126),Korba(124.6),Nawapara (119),Pithora(112.7),Mahasamund(105),Raipur (Cwc)(96),Zondra(94),Bagbahara(93.7),Sankara(90.2),Patharia(85.5),Manendragarh(82.8),Bangodam(81.6),Raipur (Imd)(78.7),Basana(78.4),Arang(77.6),Patan(77.3),Deogaon (Cwc)(73.4),Thettang(69.8),Rajnandgaon(66.2)

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

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	BAITRANI	BT	9.6
2	LOWER BRAHMANI	LB	26.2
3	UPPER BRAHMANI	UB	19.2
4	BHURABALANG	BB	8.8
5	LOWER MAHANADI	LM	30.8
6	NAGAVALI	NV	10.9
7	RUSHIKULIYA	RK	9.6
8	SUBERNAREKHA	SR	26.9
9	UPPER MAHANADI	UM	33.0
10	VAMSDHARA	VD	9.3

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

Date:-24.07.2024

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
1	AMBABHONA	10.5
2	ANDHIARKHOR	4.8
3	BAIKUNTHAPUR	21.2
4	BAMNIDIHI	5.4
5	BANGODAM	81.6
6	BARAGAON	0.0
7	BASANTAPUR	1.4
8	BORANDA	47.6
9	DEOGAON (IRRI)	7.0
10	DEOGAON (CWC)	73.4
11	DHARAMJAYGARH	12.2
12	GHATORA	23.0
13	HEMGIRI	2.4
14	JAMADARPALLI	18.4
15	JAMANKIRA	28.4
16	JHARSUGUDA (IMD)	0.8
17	KORBA	124.6
18	KUCHINDA	12.0
19	KURUBHATTA	19.4
20	KELO	18.2
21	MANENDRAGARH	82.8
22	MAHULPALI	5.6
23	NAWAPARA	119.0
24	LAIKERA	9.8
25	Gundardehi	56.3
26	Doundi	14.4
27	Gurur	26.0
28	DONDILOHARA	24.5
29	BALOD	18.4
30	PALLARI/PALARI	46.1
31	BALODA BAZAR	60.5
32	Kasdole	126.0
33	Bilaigarh	7.0
34	Bhatapara	34.0
35	Darbha	27.7
36	Saja	3.1
37	Berla	12.4
38	Nawagarh	14.3
39	Than Khamaria	16.0
40	BEMETARA	0.0
41	Masturi	7.4
42	Bilha	17.4
43	Kota	16.2
44	Takhatpur	30.2
45	BILASPUR	24.0
46	Kurud	45.1
47	Nagari	11.6
48	Magarlod	27.4
49	DHAMTARI	40.1
50	Patan	77.3
51	Dhamdha	30.0
52	DURG	44.4
53	DEOBHOG	7.3
54	GARIABUND	32.8
55	Chhura	43.2
56	Mainpur	27.3
57	Akaltara	6.3
58	Pamgarh	11.2
59	Baloda	10.8
60	Jaipur	2.1
61	Malkharoda	11.6
62	Dhabhara	8.0
63	SAKTI	13.8
64	JANJIR	4.0
65	CHAMPA	7.4
66	Manora	48.5
67	Bagicha	17.5
68	Duldula	24.0
69	Kunkuri	10.0
70	Kansabel	53.2
71	Tapkara	59.8

Sl No	Name of Stations	Rainfall (in mm)
UPPER MAHANADI		
72	PATHALGAON	50.0
73	JASHPURNAGAR	16.4
74	Bodla	13.5
75	Sahaspurlohara	20.8
76	Pandaria	15.3
77	KAWARDHA	22.3
78	Charama	16.3
79	Nerharpur	6.1
80	Poudi Uparora	47.6
81	Kartala	52.0
82	PALI	44.0
83	KATGHORA	60.5
84	Sonhat	29.7
85	Khadgava	29.7
86	Pithora	112.7
87	Bagbahara	93.7
88	Basana	78.4
89	MAHASAMUND	105.0
90	SARAIPALI	35.9
91	Patharia	85.5
92	Lormi	31.0
93	MUNGELI	21.0
94	Kharsiya	16.8
95	Lailunga	28.5
96	Pusaur	3.1
97	Baramkela	6.2
98	Tamnar	6.8
99	SARANGARH	9.1
100	RAIGARH	9.8
101	GHARGHODA	9.7
102	MANA-RAIPUR-AP	62.6
103	ARANG	77.6
104	Tilda	46.3
105	Abhanpur	55.8
106	Chhui khadan	28.9
107	Khairagarh	44.5
108	Chhuria	28.9
109	RAJNANDGAON	66.2
110	DONGARGARH	41.3
111	DONGARGAON	55.6
112	GANDAI	23.9
113	AMBAGARH CHOWKI	25.8
114	Premnagar	9.5
115	Ramanujnagar	5.3
116	Batoli	16.4
117	Sitapur	33.0
118	Lundra	13.6
119	KOLABIRA	4.6
120	PARMANPUR	15.8
121	PENDRA RD (CWC)	30.6
122	RAIPUR(IMD)	78.7
123	RAIPUR (CWC)	96.0
124	RAJIM	53.8
125	RAMPUR	159.8
126	SANKARA	90.2
127	SEORINARAYAN	17.6
128	SIMGA	16.4
129	SUNDERGARH (IMD)	1.6
130	SUND-RH (CWC)	5.8
131	SURAIGARH	2.6
132	THETTANG	69.8
133	GOPALPUR	7.0
134	ZONDRA	94.0
135	BALUSANKRA	22.2
136	BAMRA	0.0
137	LEPHRIPARA	4.0
138	KUTRA	0.0
139	TANGARPALI	8.2
140	KIRMIRA	2.3
141	LAKHANPUR	1.0

Sl No	Name of Stations	Rainfall (in mm)
LOWER MAHANADI		
1	SATYABADI	12.0
2	DERABIS	7.0
3	JHARBANDH	200.2
4	GAISILETE	66.0
5	PHIRINGIA	22.3
6	ALIPINGAL	19.8
7	ARMPUR	34.8
8	ATHAGARH	19.0
9	ATHAMALIK	58.1
10	BALIGUDA	44.0
11	BANPUR	0.0
12	BARGARH	14.4
13	BARMUL	49.4
14	BELGAON	8.6
15	BHAWANIPATNA(IMD)	8.6
16	BHUBANESWAR (IMD)	14.1
17	BJEPUR	45.0
18	BINIKA	71.0
19	BOLANGIR (IMD)	65.0
20	BOUDA GARH	46.8
21	BURLA (CWC)	0.0
22	BURLA (IRRI)	39.4
23	CUTTACK (IMD)	27.4
24	CHILUKA	7.0
25	DASHPALLA	16.6
26	DUNGURIPALI	84.0
27	GOP	12.0
28	HARABHANGA	34.0
29	HIRAKUD (IMD)	21.8
30	JAIPATNA	8.0
31	JUNAGARH	11.0
32	KAKATPUR	11.0
33	KALINGA	18.0
34	KANAS	12.0
35	KANTAMAL (BDO)	89.8
36	KANTAMAL (CWC)	97.4
37	KENDRAPARA	4.0
38	KENDRAPARA (PTO)	5.0
39	KESINGA	14.8
40	KHANDAPADA* (BDO)	31.2
41	KHANDAPADA (CWC)	3.2
42	KHARIAR	45.4
43	KHAIRMAL (IRR)	57.6
44	KHAIRMAL (CWC)	65.0
45	KOMNA	38.0
46	M. RAMPUR	29.0
47	MUNDALI	23.8
48	NARAJ	28.8
49	NARASINGHPUR	44.0
50	NAYAGARH	8.0
51	NIMAPARA	14.2
52	PADAMPUR	130.0
53	PADMABATI	28.4
54	PAIKAMAL	168.0
55	PARADEEP (IMD)	29.0
56	G.UDAYGIRI	8.0
57	PATNA GARH	59.0
58	PATAMUNDAI	0.0
59	PHULBANI (IMD)	17.4
60	PHULBANI (CWC)	16.2
61	PIPILI	21.0
62	PURI (IMD)	15.6
63	RAIRAKHOL	42.0
64	R.K NAGAR	35.6
65	RANPUR	2.4
66	SALBHATTA	100.6
67	SAMBALPUR (IMD)	24.7
68	SOHELA	12.0
69	SONEPUR	32.8
70	TANGI	12.0
71	TIKABALI	10.0

[illegible]

Date:-24.07.2024

Sl No	Name of Stations	Rainfall (in mm)
UPPER BRAHMANI		
1	MANORA	48.5
2	LAHUNIPARA	2.0
3	PALLAHARA	90.2
4	PANPOSH	0.8
5	RAKGANGA PUR	1.0
6	BARKOTE	15.4
7	BONAI	2.0
8	DEOGARH	9.2
9	MANDIRADAM	24.8
10	TENSA	24.8
11	LATHIKATA	0.0
12	JODA	0.0
13	GURUNDIA	3.4
14	PALKOT	8.6
15	RAIDIH	10.4
16	KURU	0.0
17	LOHARDAGA	0.0
18	MANDAR	2.0
19	KOLEBIRA	26.2
20	KURDEG	34.0
21	SIMDEGA	8.4
22	JASHPURNAGAR	16.4
23	RAURKELA(Airport)	0.8
LOWER BRAHMANI		
1	REAMAL	4.6
2	RENGALI	0.0
3	ALTUMA	78.2
4	ANGUL (IMD)	69.0
5	BATAGAON	5.5
6	CHHENDIPADA	36.4
7	DHENKANAL	13.2
8	DHENKANAL (PTO)	17.2
9	HINDOL	51.0
10	JENAPUR	14.0
11	KAMAKHYA NGR	77.3
12	NAKTIDEUL	15.0
13	SUKINDA	7.2
14	TALCHER	48.0
15	TELKOI	26.2
16	KANKADAHAD	79.0
17	JAJPUR	2.0
18	JAJPUR (PTO)	0.0
19	RAJ KANIKA	0.0
20	AUL	0.0
21	RAJNAGAR	2.0
22	BANARPAL	48.4
23	KANIHA	54.4
24	PARJANG	85.0
25	GONDIA	24.0
26	BHUBAN	32.0
27	DANAGADI	16.0
28	KOREI	7.2
29	CHANDIKHOL	0.0
30	BARI	4.2
31	BINJHARPUR	4.0

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Sl No	Name of Stations	Rainfall (in mm)
RUSHIKULYA		
1	BUGUDA	0.0
2	ASKA	0.0
3	BERHAMPUR	0.4
4	BHANJANAGAR	6.0
5	CHHATRAPUR	0.0
6	DARINGIBADI	8.0
7	GOPALPUR (IMD)	TR
8	MADHABARIDA	NR
9	PUSOTTAMPUR	0.0
10	DIGAPAHANDI	0.0
11	JAGANNATHPRASAD	2.4
12	SORADA	1.8
13	POLASARA	0.0
14	KODALA	0.0
15	RANGEILUNDA	0.0
16	KUKUDAHANADI	0.0
17	PATRAPUR	0.0
18	SANKHEIMUNDI	0.0
19	DHARAKOTE	0.0
20	SHERAGADA	0.0
21	GANJAM	0.0
22	BELAGUNTHA	3.8
23	HINJILI	0.0
VANSADHARA		
1	AMBADOLA	10.5
2	BISSAM CUTTACK	8.8
3	GOTTA BARRAGE	1.6
4	GUDARI	0.0
5	GUNUPUR	1.6
6	KALINGA-NAM (IMD)	5.6
7	KASHINAGAR	4.2
8	KOTAGARH	8.0
9	KOTRAGUDA	2.0
10	MAHENDRAGARH	NR
11	MOHANA	NR
12	PARAKHEMUNDI	6.2
13	R.GUDA	1.0
14	NUAGADA	2.4
15	MUNIGUDA	0.0
16	R.UDAYAGIRI	1.2
17	LANJIGARH	2.0
18	NELIAPUTY	5.4
19	SIRJHOLY	2.4
20	GUMMA	15.0
21	GOSANI	3.0
22	CHADRAPUR	2.6
23	Balajipeta	5.2

Sl No	Name of Stations	Rainfall (in mm)
SUBERNAREKHA		
1	SARASAKANA	1.0
2	BHOGARAI	0.0
3	FEKOGHAT	104.8
4	GHATSILA	2.2
5	JALESWAR	0.0
6	JAMSEDPUR (IMD)	9.2
7	JAMSEDPUR (CWC)	36.0
8	JAMSOLAGHAT	16.8
9	RAIRANG PUR	29.0
10	RAJGHAT	1.6
11	RANCHI	66.8
12	TIRING	33.8
13	BIJATALA	45.0
14	KUSUMI	12.0
15	JAMDA	13.0
16	ARKI	27.8
17	ICAR NAMKUM	88.5
18	ORMANJHI	0.0
19	CHANDIL	103.8
20	KHARSEMA	13.0
21	NIMDIH	54.0
22	CHAI BASA	9.2
23	CHAKRADHARPUR	9.0
24	BAHALDA	59.2
BUDHABALANGA		
1	BALASORE (IMD)	0.8
2	BALASORE (CWC)	1.2
3	BALIMUNDALI	6.8
4	BANGIRIPOSHI	28.4
5	BARIPADA (IMD)	6.0
6	BARIPADA (CWC)	6.2
7	CHANDANPUR	16.4
8	JAIPUR	0.0
9	NAWANA	27.4
10	NH-5, GOVINDPUR	0.0
11	NILGIRI	0.0
12	SORO	0.0
13	BETANATI	13.0
14	UDALA	0.0
15	BAHANAGA	0.0
16	KHAIRA	0.0
17	MURUDA	1.0
18	SULIAPADA	2.0
19	G.B.NAGAR	0.0
20	REMUNA	0.0
21	SAMAKHUNTA	6.6
22	BASUDEVPUR	13.0
23	CHANDUA(KULIANA)	47.0
24	RASAGOVINDAPUR	3.0
25	OUPADA	0.0

Source:-Met Centre Bhubaneswar

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

Date:24.07.24

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	69.0	1	Barkote	15.4	4	Madanpur Rampur	29.0	1	Malkangiri	18.2
2	Banarpal	48.4	2	Deogarh	9.2	5	Narla	18.0	2	Mathili	39.4
3	Chhendipada	36.4	3	Reamal	4.6	6	Lanjigarh	2.0	3	Khoirput	23.0
4	Talcher	48.0	Avg 9.7			7	Thumal Rampur	55.0	4	Chitrakonda (K.Gumma)	21.1
5	Kaniha	54.4	9. DHENKANAL			8	Dharmagarh	7.0	5	Korukonda	29.0
6	Athamalik	58.1	1	Dhenkanal	13.2	9	Junagarh	11.0	6	Kalimela	20.0
7	Kishorenagar	35.6	2	Gondia	24.0	10	Kalampur	5.0	7	Podia	21.0
8	Pallahara	90.2	3	Odapada	48.0	11	Jayapatna	8.0	Avg 24.5		
Avg 55.0			4	Hindol	51.0	12	Kokasara	3.0	22. MAYURBHANJ		
2. BALASORE			5	Kamakhyanagar	77.3	Avg 14.4			1	Samakhunta	6.6
1	Bhograi	0.0	6	Bhuban	32.0	16. KANDHAMAL			2	Badasahi	12.0
2	Basta	0.0	7	Parjang	85.0	1	Baliguda	44.0	3	Betanati	13.0
3	Jaleswar	0.0	8	Kankadahad	79.0	2	Chakapad	6.2	4	Morda	1.0
4	Baliapal	1.0	Avg 51.2			3	Daringibadi	8.0	5	Rasgovindapur	3.0
5	Balasore	9.0	10. GAJAPATI			4	G.Udayagiri	8.0	6	Kuliana	47.0
6	Remuna	0.0	1	Kasinagar	1.8	5	Khajuripada	12.8	7	Sarasakana	1.0
7	Nilagiri	0.0	2	Paralakhemundi	6.2	6	Kotagarh	8.0	8	Suliapada	2.0
8	Soro	0.0	3	Rayagada	7.0	7	Nuagaon	32.0	9	Bangriposi	28.4
9	Bahanaga	0.0	4	Gumma	15.0	8	Phiringia	22.3	10	Baripada	5.8
10	Simulia	0.0	5	Nuagada	2.4	9	Phulbani	17.4	11	Khunta	1.2
11	Khaira	0.0	6	R.Udaygiri	1.2	10	Raikia	18.2	12	Gopabandhunagar	0.0
12	Oupada	0.0	7	Mohana	0.0	11	Tikabali	10.0	13	Udala	0.0
Avg 0.8			8	Gosani	3.0	12	Tumudibandh	21.4	14	Kaptipada	0.0
3. BARGARH			Avg 4.6			Avg 17.4			15	Besoi	43.0
1. Ambabhona			11. GANJAM			17. KENDRAPARA			16	Bijatata	45.0
2	Attabira	37.0	1	Chhatrapur	0.0	1	Kendrapara	4.0	17	Rairangapur	31.0
3	Bargarh	14.4	2	Ganjam	0.0	2	Derabis	7.0	18	Kusumi	12.0
4	Barpali	68.0	3	Purusottampur	0.0	3	Marshaghai	11.0	19	Jamda	13.0
5	Bhatli	12.2	4	Kabisuryanagar	0.0	4	Mohakalpara	8.0	20	Bahalda	59.2
6	Bheden	40.0	5	Polasara	0.0	5	Garadapur	6.0	21	Tiring	33.8
7	Bijepur	45.0	6	Kodala	0.0	6	Pattamundai	0.0	22	Joshipur	3.8
8	Gaisilet	66.0	7	Khalikot	0.0	7	Aul	0.0	23	Karanja	10.3
9	Jharbandh	200.2	8	Hinjilicut	0.0	8	Rajnagar	2.0	24	Thakurmunda	0.0
10	Padampur	130.0	9	Rangeilunda	0.0	9	Rajkanika	0.0	25	Sukuruli	0.0
11	Paikmal	168.0	10	Kukudakhandi	0.0	Avg 4.22			26	Raruana	0.0
12	Sohela	12.0	11	Chikiti	0.0	18. KEONJHAR			Avg 14.3		
Avg 66.9			12	Patrapur	0.0	1	Keonjhar	0.0	23.NAWARANGHPUR		
4. BHADRAK			13	Sanakhemundi	0.0	2	Banspal	4.1	1	Nawarangpur	15.4
1	Bhadrak	0.0	14	Digapahandi	0.0	3	Telkoi	26.2	2	Nandahandi	11.0
2	Bhandaripokhari	3.0	15	Bhanjanagar	6.0	4	Patna	2.5	3	Tentulikhunti	5.0
3	Basudevpur	13.0	16	Belaguntha	3.8	5	Saharpada	2.4	4	Papadahandi	16.0
4	Bonth	3.5	17	Jagannathprasad	2.4	6	Ghatgaon	0.0	5	Kosagumuda	24.6
5	Chandbali	0.0	18	Buguda	0.0	7	Harichandanpur	0.0	6	Dabugaon	28.0
6	Dhamnagar	1.0	19	Aska	0.0	8	Anandapur	2.7	7	Umerkote	8.2
7	Tihidi	0.0	20	Dharakote	0.0	9	Ghasipura	5.2	8	Raighar	7.0
Avg 2.9			21	Sheragada	0.0	10	Hatadihi	3.1	9	Jharigaon	4.0
5. BALANGIR			22	Sorada	0.0	11	Champua	0.0	10	Chandahandi	3.5
1	Balangir	65.0	Avg 0.6			18. KEONJHAR			Avg 12.3		
2	Puintala	45.0	12. JAGATSINGHPUR			12	Joda	0.0	24. NAYAGARH		
3	Gudvella	18.6	1	Jagatsinghpur	44.0	13	Jhumpura	0.0	1	Bhapur	27.2
4	Duduka	88.0	2	Biridi	26.2	Avg 3.6			2	Daspalla	16.6
5	Deogaon	26.0	3	Raghunathpur	17.0	19. KHORDHA			3	Gania	34.0
6	Loisingha	21.0	4	Balikuda	40.0	1	Balianta	17.0	4	Khandapara	31.2
7	Patnagarh	59.0	5	Naugaon	33.0	2	Balipatna	18.0	5	Nayagarh	23.6
8	Belpada	48.0	6	Tirtol	4.0	3	Bhubaneswar	14.2	6	Nuagaon	10.0
9	Khaprakhol	56.0	7	Kujanga	27.0	4	Jatani	5.0	7	Odagaon	5.9
10	Titilagarh	12.0	8	Erasama	28.0	5	Banapur	0.0	8	Ranpur	2.4
11	Tureikela	31.0	Avg 27.4			6	Begunia	17.0	Avg 18.9		
12	Bangomunda	11.0	13. JAIPUR			7	Bolagarh	13.0	25. NUAPADA		
13	Muribahal	18.0	1	Jaipur	2.0	8	Chilika	7.0	1	Boden	15.0
14	Saintala	14.0	2	Binjharpur	4.0	9	Khordha	16.0	2	Khariar	45.4
Avg 36.6			3	Dasarathpur	5.0	10	Tangi	12.0	3	Komna	38.0
6. BOUDH			4	Korei	7.2	20. KORAPUT			4	Nuapada	104.0
1	Boudh	46.8	5	Danagadi	16.0	1	Koraput	35.2	5	Sinapali	7.8
2	Kantamal	89.8	6	Sukinda	7.2	2	Lamataput	43.0	Avg 42.0		
3	Harabhanga	34.0	7	Rasulpur	0.0	3	Pottangi	12.2	26. PURI		
Avg 56.9			8	Dharmasala	0.0	4	Bandhugaon	4.0	1	Astarang	3.0
7. CUTTACK			9	Badachana	13.0	5	Nandapur	26.0	2	Brahmagiri	7.0
1	Athagarh	19.0	10	Bari	4.2	6	Dasmantpur	37.0	3	Delang	9.0
2	Banki-Dampada	87.0	Avg 5.9			7	Narayanpatna	5.6	4	Gop	12.0
3	Barang	22.0	14. JHARSUGUDA			8	Laxmipur	37.2	5	Kakatpur	11.0
4	Badamba	9.0	1	Jharsuguda	4.0	9	Similiguda	45.0	6	Kanas	12.0
5	Cuttack Sadar	25.0	2	Kolabira	4.6	10	Jeypore	36.0	7	Krushnaprasad	14.5
6	Kantapada	16.0	3	Laikera	9.8	11	Kotpad	49.0	8	Nimapara	33.0
7	Mahanga	12.0	4	Kirmira	2.3	12	Kundra	26.0	9	Pipili	21.0
8	Niali	31.0	5	Lakhanpur	1.0	13	Borigumma	13.6	10	Puri	18.0
9	Nischintakolli	3.0	Avg 4.3			14	Boipariguda	87.0	11	Satyabadi	12.0
10	Narasinghpur	44.0	15. KALAHANDI			Avg 32.6			Avg 13.9		
11	Salepur	17.0	1	Bhabanipatna	7.0						
12	Tangi-Choudwar	15.0	2	Kesinga	14.8						
13	Tigiria	31.0	3	Karlamunda	16.4						
Avg 25.5											