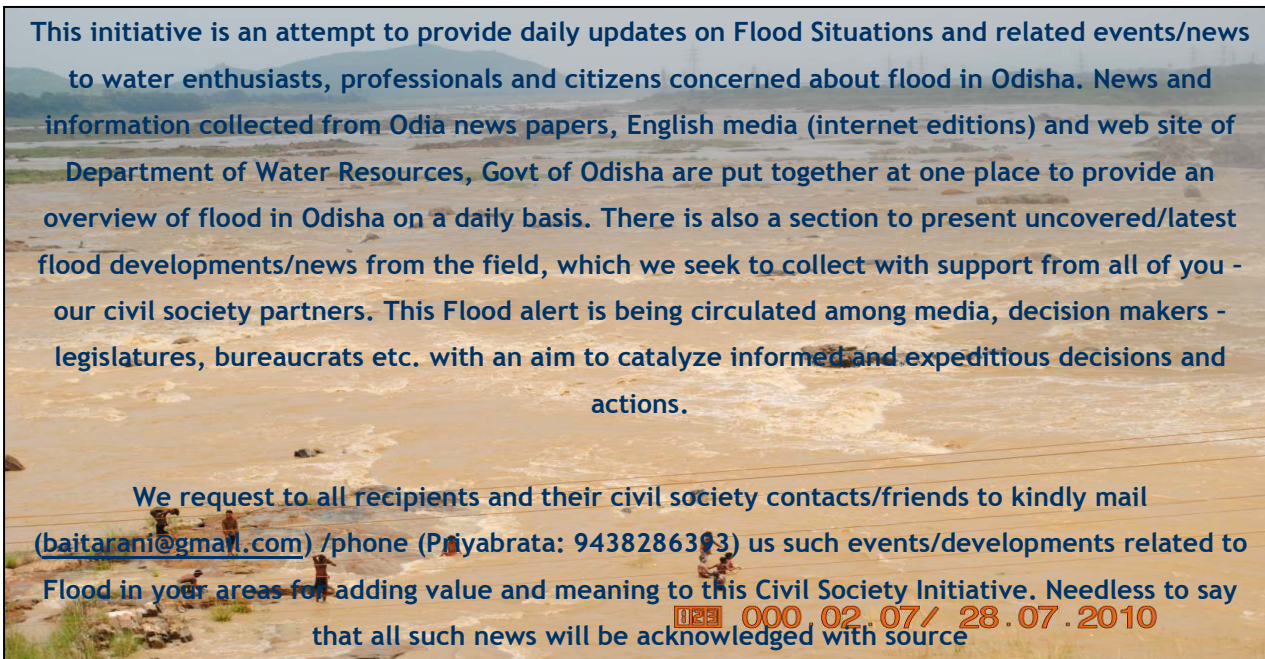


Orissa Flood Alert

*A Civil Society Initiative on behalf of
Odisha Water Forum &
Odisha State Center, Forum for Policy Dialogue on Water Conflicts in India*

In the year 2009 the Odisha State Centre had come out with flood updates and published Odisha Flood Alert. That was in the month of July. But this year the monsoon was irregular in July and state almost had a drought like situation in many of its regions. With the heavy down pour accompanied by low pressure and rain in upper catchments of the Mahanadi and other rivers, floods have started in many parts of Odisha.



This initiative is an attempt to provide daily updates on Flood Situations and related events/news to water enthusiasts, professionals and citizens concerned about flood in Odisha. News and information collected from Odia news papers, English media (internet editions) and web site of Department of Water Resources, Govt of Odisha are put together at one place to provide an overview of flood in Odisha on a daily basis. There is also a section to present uncovered/latest flood developments/news from the field, which we seek to collect with support from all of you - our civil society partners. This Flood alert is being circulated among media, decision makers - legislatures, bureaucrats etc. with an aim to catalyze informed and expeditious decisions and actions.

We request to all recipients and their civil society contacts/friends to kindly mail (baitarani@gmail.com) /phone (Priyabrata: 9438286393) us such events/developments related to Flood in your areas for adding value and meaning to this Civil Society Initiative. Needless to say that all such news will be acknowledged with source

000.02.07/ 28.07.2010

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- Compiled by: Pranab, Sucharita & Priyabrata on Behalf of OWF & OSC, FPDWCI

1. News (Headlines) from Odisha Media¹ on 8th - 9th August 2010

a. Situation of Rivers

- 12 gates of Hirakud reservoir are opened(Samaja 9th Aug)
- Low pressure weakened(Dharitri, Pragatibadi 8th and 9th Aug)
- 8 gates of Hirakud reservoir are opened(Dharitri 9th Aug)
- Flood in Luna and Chitrotapala river(Dharitri 9th Aug)
- Flood in Tel river(Sambad, 8th Aug)
- Water level of Hirakud is 609 feet(Sambad, 8th Aug)

b. Situations in Flood Affected areas

- Low pressure weakened: flood intensity lowering.(Dharitri, 8th Aug)
- Flood Situation is under the control: Finance Minister(Khabara, 9th Aug)
- Most of the agricultural lands of Karlamunda block of Kalahandi district is in danger due to the flood of the river Tel and Uttei (Pragatibadi, 9th Aug)
- In Kesinga, breach observed in the Kachharapada embankment due to the flood (Pragatibadi, 9th Aug)
- Nabarangpur and Kalahandi districts are mostly affected (Dharitri 9th Aug)
- Chhatisgarh dam brings flood (Dharitri 9th Aug)
- Flood in Kalahandi is man made (Dhartri 9th Aug)
- Communication between Athamalik and Boudh cut off(Sambad, Khabara 8th Aug)
- 29,000 people affected in Nabarangpur (Sambad, 8th Aug)
- Rayagada: Malaria spreads in flood affected areas.(Dharitri, 8th Aug)
- No proper relief service in flood affected areas (Dharitri, 8th Aug)
- 84,000 people in Kalahandi, Malkanigiri, Nabarangpur and Koraput districts are affected (Khabara, 8th Aug)
- 135 villages of Nabarangpur, Kalahandi and Koraput are affected by flood(Samaja, 8th Aug)

c. Urban flood

- Improper drainage system water logged most parts of Tirtol (Khabara 9th Aug)
- Continuous rain causes extensive loss in Odapada(Khabara 8th Aug)
- OCC planning for proper drainage system in Konark (Khabara, Pragatibadi 8th Aug)

d. Flood relief

- Flood waters recede ministers make flying visits(New Indian Express, 9th Aug)
- Ministers visited the worst affected Kerandimal in Nabarangpur District. (New Indian Express, Khabara, Pragatibadi, Samaja, Dharitri 9th Aug)
- No relief yet, victims left in lurch (New Indian Express, 9th Aug)
- Four fishermen are rescued from the Kolab river (Sambad, Khabara Samaja, 8th Aug)
- Govt. provided relief to flood affected areas (Samaja, 8th Aug)

¹ *The Samaj, The Sambad, The Dharitri, The Pragatibadi, The Khabar & The New Indian Express; all Bhubaneswar Edition*

2. Selected News from Local English Media (08-09th August 2010)

a. Relief measures in full swing in Flood hit Areas

Monday, 09th August 2010

<http://hindu.com/2010/08/09/stories/2010080956620600.htm>

BERHAMPUR: The recent rain, which led to floods in South Orissa, has also eradicated the chances of drought in the State, says State Revenue Minister Surya Narayan Patra. Speaking to newsmen here on Sunday after visiting flood-affected areas in Nabarangpur and Kalahandi districts earlier in the day, Mr. Patra said all possible measures had been initiated to provide relief to the families affected by the floods. Two other Ministers - Puspendra Singhdeo and Ramesh Majhi - also accompanied Mr. Patra during his visit to the flood-hit areas. Mr. Patra said 40,000 persons in six blocks of Kalahandi district, 29,000 persons of five blocks in Nabarangpur district and 15,000 persons of Koraput district were affected by floods. The flood occurred due to heavy rainfall of over 230 mm on August 4 and 5 in South Orissa. He said the worst affected was the Kosagumuda block of Nabarangpur district. Communication to the area was still to be restored as most of the roads leading to the area got washed away. Relief was reaching the area via Jagdalpur in the adjoining Chhattisgarh. As an immediate measure, polythene sheets, utensils and food materials were being provided to the flood victims. Provision of free ration would continue for seven days. Efforts were on to repair the washed away roads as early as possible. "We have directed the officials to send a report regarding the losses in four to five days so that the affected families could get relief from the government as per the State Relief Code," Mr. Patra said. According to him, all families who lost their houses in the flood would get new ones under the 'Mo Kudia Yojana' of the State government. Mr. Patra took a dig at the Central Government for its alleged step motherly attitude towards Orissa in providing help from the National Calamity Contingency Fund (NCCF). He alleged that the release of funds from the NCCF was politically motivated. So, States like West Bengal were succeeding in getting ample funds from it after floods, while Orissa was not getting funds from it as per our demand. He claimed that Orissa was all prepared to meet any natural calamity as, along with Gujarat, it was a State that had a special disaster mitigation committee, which was formed taking a cue from the experiences of super cyclone of 1999. Kharif prospects The Revenue Minister felt that the recent rains, despite its devastating effect in parts of South Orissa, had a silver lining for the State. Till August, most areas of Orissa had received 37 per cent less rainfall. But the rains during three days compensated it. Ten districts of the State received 35 per cent more rainfall. Mr. Patra felt the rains were extremely beneficial for the farming sector and it had mitigated fear of drought this year. He pointed out that most of the reservoirs of irrigation projects had been recharged and it hinted at a good kharif prospects in Orissa this year.

b. 85,000 people affected in Odisha Floods

Monday, 09th August 2010

<http://www.anhourago.in/show.aspx?l=5435570&d=502>

BERHAMPUR: About 85,000 people in three south-western districts of [Odisha](#) have been affected by flash [floods](#) as rivers submerged vast areas following heavy rains, state revenue and Disaster Management minister S N Patro said here today. In 151 villages of the affected blocks, relief camps have been set up and food served to the affected people through community kitchen, Patro told reporters after a visit to the flood-hit districts of Nabarangpur, Kalahandi and Koraput. Patra, who was accompanied by Information Technology Minister Ramesh Majhi and Labour minister Puspendra Singhdeo yesterday, said he had asked the district administration to assess the damage as quick as possible he said. The affected people would be compensated as per the provisions of the state relief code, he assured. Patra said while 40,000 people of 71 villages in 17 gram panchayats of six blocks were affected in Kalahandi district, about 29,000 people of 60 villages in 22 of five blocks were hit in Nabarangpur district. Similarly, around 15,000 people in 20 villages of Kotapada block in Koraput district were affected. As many as 12 relief camps were set up in Kalahandi district and 2298 people were provided food through community kitchen in Kalahandi. Seven community kitchens were set up in Nabarangpur district and in Koraput district 13 free community kitchen centers were opened to feed the affected persons and medical teams were camping in the affected villages, Patro said.

c. 85,000 people affected in Orissa Floods

Monday, 09th August 2010

http://www.siliconindia.com/shownews/85000_people_affected_in_Orissa_floods-nid-70478-cid-1.html

Bangalore: Praising the work done by the ODRAF team to rescue the marooned people, he said, they had rescued at least 250 students of a residential school at Kerandimal. They were rescued by the team after marooned for about 18 hours by swirling flood water. Similarly, 31 persons, who had taken shelter on a tree in Nabarangapur district, were rescued in two phases. Four persons, who had taken shelter on another tree in Malakanagiri districts Mathili block, were airlifted by a helicopter of Indian Navy on Saturday, the minister said. Under the impact of a low pressure, heavy rains lashed Nabarangapur district recording 241.2 mm and 121.3 mm rainfall on August 5 and 6 respectively. Similarly, Kalahandi district recorded 119.6 mm and 124.6 mm rainfall during the period respectively.

d. Indian Navy chopper rescues 4 marooned Fishermen in Orissa

Saturday, 07th August 2010

http://in.news.yahoo.com/20/20100807/1416/tnl-indian-navy-chopper-rescues-4-maroon_1.html

Bhubaneswar, Aug 7 (PTI) Four marooned fishermen were today rescued by an Indian Navy chopper in Orissa's Malkangiri district while a 60-year-old man died and another went missing in flash flood that hit about 40,000 people in the state. "The four persons of Udaygiri village of Malkangiri who were trapped in flood water, were rescued by an Indian Navy chopper early this morning," Orissa's Revenue and Disaster Management minister S N Patro told the state Assembly. Making a statement on the flood situation, the minister said the state government had sought help of Defence ministry to rescue the four fishermen as they could not be reached due to high current in river Kolab. The four were airlifted to Malkangiri district headquarters, he said. Gundicha Bhadra (60) died in flood in Bhaskel river, while Jhintu Mali of Bapatiguda village in Nabaragpur district remained missing, Patro said. The minister claimed that members of Orissa Disaster Rapid Action Force (ODRAF) had successfully rescued 250 school children who were trapped in flood water in Nabaragpur district. Flash flood triggered by heavy downpour hit districts of Kalahandi, Nabarangpur, Malkangiri, Koraput, Gajapati, and Balangir, he said adding adequate relief materials were distributed among the affected families. Patro along with two other ministers were scheduled to visit the flood-hit areas tomorrow. The minister said water level in most of the major rivers had started receding and were below the anger mark.

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3. Flood Updates from Department of Water Resources, GOO (www.dowrorissa.gov.in)

a. Status of Important Gauge Sites as on 08-Aug-2010

<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Sl No	GaugeSite	Time in hrs	Gauge Reading	Gauge Trend	Warning Level	Danger Level	Highest Level
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MAHANADI River

1	KHAIRMAL	1200	103.01m		108.00m	109.00m	108.31m on 19-Sep-08 at 1300hrs
2	TIKERPARA	1200	62.12m		-	-	74.98m on 30-Aug-82 at 1800hrs
3	NARAJ(IB)	1200	26.00m		25.41m	26.41m	27.60m on 31-Aug-82 at 1700hrs
	-do-	0600	26.22m		25.41m	26.41m	27.60m on 31-Aug-82 at 1700hrs

KUSABHADRA River

1	NIMAPARA	1200	6.40m		9.85m	10.76m	11.60m on 31-Aug-82 at 0900hrs
	-do-	0600	5.58m		9.85m	10.76m	11.60m on 31-Aug-82 at 0900hrs

DEVI River

1	ALIPINGAL	1200	8.18m		10.85m	11.78m	13.05m on 20-Sep-08 at 1000hrs
	-do-	0600	7.03m		10.85m	11.78m	13.05m on 20-Sep-08 at 1000hrs

BRAHMANI River

1	PANPOSH	1200	171.80m		177.61m	178.42m	180.40m on 17-Aug-74 at 1400hrs
	-do-	0600	171.89m		177.61m	178.42m	180.40m on 17-Aug-74 at 1400hrs
2	RENGALI	1200	76.40m		-	88.00m	92.25m on 18-Aug-75
	-do-	0600	76.80m		-	88.00m	92.25m on 18-Aug-75
3	TALCHER	1200	55.58m		-	62.91m	65.53m on 19-Aug-75 at 2100hrs
	-do-	0600	55.58m		-	62.91m	65.53m on 19-Aug-75 at 2100hrs
4	JENAPUR	1200	19.08m		22.00m	23.00m	24.78m on 20-Aug-75 at 1000hrs
	-do-	0600	19.22m		22.00m	23.00m	24.78m on 20-Aug-75 at 1000hrs

BAITARANI River

1	SWAMPATNA	1200	305.49m		-	311.10m	315.66m on 14-Aug-75 at 1700hrs
	-do-	0600	305.31m		-	311.10m	315.66m on 14-Aug-75 at 1700hrs

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2	CHAMPUA	1200	371.78m		375.33m	376.41m	378.10m on 07-Aug-85 at 0600hrs
	-do-	0600	371.80m		375.33m	376.41m	378.10m on 07-Aug-85 at 0600hrs
3	ANANDAPUR	1200	34.38m		37.45m	38.36m	41.80m on 19-Aug-75 at 2000hrs
	-do-	0600	34.30m		37.45m	38.36m	41.80m on 19-Aug-75 at 2000hrs
4	AKHUAPADA	0900	16.48m		-	17.83m	21.95m on 16-Aug-80
	-do-	0600	16.52m		-	17.83m	21.95m on 16-Aug-80

SUBERNAREKHA River

1	JAMSHEDPUR	1200	115.26m		-	-	129.82m on 12-Oct-73 at 2300hrs
2	JAMSOLAGHAT	1200	44.12m		48.32m	49.16m	56.91m on 09-Sep-78 at 0400hrs
	-do-	0600	44.18m		48.32m	49.16m	56.91m on 09-Sep-78 at 0400hrs
3	RAJGHAT	1200	5.88m		9.45m	10.36m	12.69m on 19-Jun-08 at 0400hrs
	-do-	0600	5.88m		9.45m	10.36m	12.69m on 19-Jun-08 at 0400hrs

BURHABALANGA River





1	CHANDANPUR	1200	81.40m		-	-	85.50m on 09-Nov-95 at 2300hrs
2	BARIPADA	1200	22.96m		29.70m	30.92m	37.20m on 12-Oct-73 at 0600hrs
	-do-	0600	22.98m		29.70m	30.92m	37.20m on 12-Oct-73 at 0600hrs
3	BALIMUNDALI	1200	37.28m		-	-	42.40m on 23-Sep-07 at 0700hrs
	-do-	0600	37.16m		-	-	42.40m on 23-Sep-07 at 0700hrs
4	NH5, GOVINDPUR	1200	3.36m		7.21m	8.13m	9.67m on 12-Oct-73 at 1800hrs
	-do-	0600	3.52m		7.21m	8.13m	9.67m on 12-Oct-73 at 1800hrs

VANSADHARA River

1	GUDARI	1200	114.66m		-	-	121.82m on 17-Sep-80 at 2100hrs
	-do-	0600	114.75m		-	-	121.82m on 17-Sep-80 at 2100hrs
2	GUNUPUR	1200	41.37m		83.00m	84.00m	88.75m on 17-Sep-80 at 2300hrs
	-do-	0600	81.43m		83.00m	84.00m	88.75m on 17-Sep-80 at 2300hrs
3	KASHINAGAR	1200	53.40m		53.60m	54.60m	58.93m on 18-Sep-80 at 0200hrs
	-do-	0600	53.48m		53.60m	54.60m	58.93m on 18-Sep-80 at 0200hrs

RUSHIKULYA River

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1	SORADA	1200	78.54m		80.99m	81.98m	83.21m on 04-Nov-90 at 1000hrs
	-do-	0600	78.57m		80.99m	81.98m	83.21m on 04-Nov-90 at 1000hrs
2	MADHABARIDA	1200	58.49m		-	60.65m	61.44m on 18-Oct-99 at 1900hrs
3	PURUSHOTTAMPUR	0900	14.16m		15.84m	16.84m	19.60m on 04-Nov-90 at 1800hrs
	-do-	0600	14.22m		15.84m	16.84m	19.60m on 04-Nov-90 at 1800hrs



Rising



Falling



Steady

b. River Discharge at Important Sites as on 08-Aug-2010

<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Sl No	DischargeSite	Time in hrs	Discharge	Unit
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MAHANADI River

1	KHAIRMAL	1200	198500	Cusecs
	-do-	0600	237000	Cusecs
2	BARMUL	1200	304000	Cusecs
	-do-	0600	396250	Cusecs
3	MUNDALI	1200	643390	Cusecs
	-do-	0600	690000	Cusecs

TEL River

1	PATHARLA	1200	105312	Cusecs
	-do-	0600	126216	Cusecs

BRAHMANI River

1	EXP. BRIDGE. PANKAPAL	0800	28252	Cusecs
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BAITARANI River

1	AKHUAPADA NH5 ROAD BRIDGE	0900	27489	Cusecs
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SUBERNAREKHA River

1	RAJGHAT	0700	9995	Cusecs
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Time of Flow in Mahanadi River between Hirakud & Mundali

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c. Reservoir Scenario 08-Aug-2010



<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Time in hrs	Reservoir Level	Inflow	Outflow				Gates Opened	Level Trend	Dead Storage Level	FRL / MWL	Live Storage Available*	Live Storage Capacity filled up
			Spill Way	Power Channel	Canal	Total outflow						

1. HIRAKUD on MAHANADI River (MAJOR)

1200	610ft	155394 Cusecs	-	-	-	63531 Cusecs	2		590ft	630ft 630ft	164544.0 Ham	34.1%
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2. RENGALI on BRAHMANI River (MAJOR)

1200	111.02m	170.45 Cumecs	-	-	-	-	-		109.72m	123.5m 125.4m	18551.0 Ham	5.4%
0600	111.01m	230.05 Cumecs	-	-	-	16.74 Cumecs	-		109.72m	123.5m 125.4m	18551.0 Ham	5.4%

3. BALIMELA on MACHHKUND River (MAJOR)

0800	1471.2ft	371.11 Cumecs	-	-	-	118.78 Cumecs	-		1440ft	1516ft 1518ft	78023.1 Ham	29.2%
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4. UPPER KOLAB on KOLAB River (MAJOR)

0800	850.67m	116.51 Cumecs	-	-	-	18.24 Cumecs	-		844m	858m 858m	32685.0 Ham	35.0%
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5. INDRAVATI on INDRAVATI River (MAJOR)

0800	632.4m	205.1 Cumecs	-	-	-	14.58 Cumecs	-		625m	642m 643m	53203.4 Ham	35.8%
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6. SALANDI on SALANDI River (MAJOR)

0600	59m	54.85 Cumecs	-	-	-	1.5 Cumecs	-		50.24m	82.3m 83.21m	4859.0 Ham	8.7%
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Rising



Falling



Steady

d. Rainfall Scenario on 08-Aug-2010

<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Sl No	Rain Gauge Station	RainFall on 8-Aug-10	Aug-2010 Statistics			Monsoon Rainfall (2010)					
			Rainy Days	Avg. RF	Max. RF	Jun	Jul	Aug	Sep	Oct	Total

. BAITARANI Basin

1	ANANDAPUR	9.2	6	9.0	31.6	239.0	231.4	71.8	-	-	542.2
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2	AKHUAPADA	0.0	5	14.5	56.8	140.6	230.2	115.8	-	-	486.6
3	CHAMPUA	6.2	6	8.7	20.0	73.3	197.0	52.4	-	-	322.7
4	KEONJHARGARH	1.0	8	5.4	28.8	128.2	292.0	42.9	-	-	463.1
5	SWAMPATNA	0.8	8	7.2	18.2	101.6	349.4	57.4	-	-	508.4
6	CHANDABALI	24.7	7	13.4	33.4	95.4	151.8	107.5	-	-	354.7
7	JOSHIPUR	0.0	5	4.5	10.8	136.6	67.4	36.0	-	-	240.0
8	JHUMPURA	0.0	3	2.6	9.2	142.6	251.2	18.4	-	-	412.2
9	KARANJIA	0.0	3	5.0	22.0	17.0	158.0	40.0	-	-	215.0
10	SALANDI	0.0	0	0.0	0.0	4.8	12.5	0.0	-	-	17.3
11	GHATAGAON	7.0	7	10.6	29.0	225.0	286.3	84.4	-	-	595.7

BURHABALANGA Basin

1	CHANDANPUR	6.4	6	5.9	18.0	103.2	188.6	41.6	-	-	333.4
2	BALASORE	24.3	8	22.2	54.8	180.5	196.9	177.8	-	-	555.2
3	BALIMUNDALI	1.6	7	16.7	44.8	175.4	341.8	117.2	-	-	634.4
4	BARIPADA	3.4	8	30.9	113.4	148.2	171.8	246.8	-	-	566.8
5	JAIPUR	0.0	6	16.2	55.0	125.8	252.0	113.2	-	-	491.0
6	NH5-GOVINDAPUR	6.8	8	14.0	54.0	66.4	169.4	112.0	-	-	347.8
7	BONTH	0.0	4	14.9	63.0	86.0	169.0	119.0	-	-	374.0
8	NILAGIRI	0.0	6	17.6	62.0	186.0	280.0	141.0	-	-	607.0

INDRAVATI Basin

1	NAWRANGPUR	0.0	6	39.7	180.0	80.0	485.0	278.0	-	-	843.0
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KOLAB Basin

1	JEYPORE	0.0	7	27.3	137.8	163.3	581.0	218.0	-	-	962.3
2	BALIMELA	5.0	7	30.3	72.0	236.4	471.0	212.0	-	-	919.4
3	KORAPUT	0.5	7	21.0	74.0	143.5	530.5	147.0	-	-	821.0
4	POTTANGI	0.0	6	11.5	46.0	45.0	269.0	92.0	-	-	406.0

LOWER BRAHMANI Basin

1	ALTUMA	0.0	6	12.3	27.8	149.8	240.7	98.6	-	-	489.1
2	JENAPUR	0.2	8	13.1	52.2	193.8	107.6	104.4	-	-	405.8

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3	TALCHER	4.8	6	17.5	75.4	102.8	193.0	139.6	-	-	435.4
4	ANGUL	40.4	7	26.0	67.0	108.0	280.4	208.0	-	-	596.4
5	CHHENDIPADA	2.0	5	9.6	45.2	45.5	67.6	76.8	-	-	189.9
6	HINDOL	0.0	2	14.0	55.0	139.0	184.0	70.0	-	-	393.0
7	KAMAKSHYANAGAR	0.0	3	13.5	36.0	177.0	112.0	81.2	-	-	370.2
8	TELKOI	0.0	4	8.0	36.0	83.6	126.0	64.0	-	-	273.6

LOWER MAHANADI Basin

1	ALIPINGAL	0.0	6	28.9	103.4	159.4	239.8	231.0	-	-	630.2
2	BARMUL	0.0	3	8.8	31.4	116.6	195.6	70.4	-	-	382.6
3	BELGAON	0.0	5	24.4	93.2	99.2	468.0	195.2	-	-	762.4
4	BHUBANESWAR	0.0	6	26.0	106.7	165.4	283.1	208.3	-	-	656.8
5	BURLA	0.0	6	12.8	38.4	276.0	340.8	102.2	-	-	719.0
6	DEOGAN	0.0	2	6.8	25.0	0.0	22.0	27.0	-	-	49.0
7	HIRAKUD	0.5	7	12.3	44.2	296.9	444.7	98.6	-	-	840.2
8	KANTAMAL	0.0	6	14.8	73.0	114.6	424.0	118.0	-	-	656.6
9	KESINGA	0.0	6	22.2	112.4	36.1	35.6	177.8	-	-	249.5
10	KHAIRMAL	0.0	7	29.3	129.8	144.0	278.5	234.6	-	-	657.1
11	MUNDALI	0.0	6	26.5	99.2	282.0	374.5	211.8	-	-	868.3
12	NARAJ	0.0	7	15.9	58.0	155.4	302.8	127.0	-	-	585.2
13	NIMAPARA	11.2	7	21.6	60.2	201.8	249.2	173.0	-	-	624.0
14	PARADEEP	0.0	5	7.8	33.4	182.5	240.4	62.1	-	-	485.0
15	PHULBANI	0.0	5	14.4	57.8	121.0	389.4	115.0	-	-	625.4
16	PURI	0.8	6	33.6	91.6	125.3	133.0	234.9	-	-	493.2
17	SALEBHATA	0.0	6	26.8	72.0	215.2	308.4	214.4	-	-	738.0
18	ATHAGARH	0.0	5	49.7	183.0	368.0	456.2	348.0	-	-	1172.2
19	BOLANGIR	0.0	5	9.6	48.0	74.0	216.4	67.0	-	-	357.4
20	BALIGUDA	0.0	3	24.8	63.0	96.0	434.4	149.0	-	-	679.4
21	BINIKA	0.0	6	15.6	56.0	129.0	421.7	109.0	-	-	659.7
22	DASPALLA	0.0	5	13.9	41.4	180.5	186.2	111.3	-	-	478.0

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23	DUNGURIPALI	0.0	6	8.5	25.0	126.0	280.0	68.0	-	-	474.0
24	GOP	0.0	3	14.9	78.0	103.0	145.0	119.0	-	-	367.0
25	HARBHANGA	10.0	5	8.4	38.0	117.0	155.6	59.0	-	-	331.6
26	JUNAGARH	0.0	4	33.3	123.0	52.9	357.5	266.0	-	-	676.4
27	KHANDAPADA	0.0	7	20.5	55.0	305.0	400.4	163.8	-	-	869.2
28	LANJIGARH	0.0	4	28.4	104.0	156.0	412.4	199.0	-	-	767.4
29	MADANPUR RAMPUR	0.0	5	21.6	88.2	98.8	495.6	173.0	-	-	767.4
30	NAYAGARH	0.0	4	10.2	57.8	145.2	147.7	81.4	-	-	374.3
31	PIPLI	0.0	5	37.3	136.0	142.2	180.0	298.0	-	-	620.2
32	RAIRAKHOL	0.0	4	4.1	15.0	74.3	243.0	33.0	-	-	350.3
33	RANPUR	0.0	4	18.2	58.2	295.6	199.1	145.2	-	-	639.9
34	SAMBALPUR	0.0	7	14.7	68.4	259.2	351.5	117.7	-	-	728.4
35	SONEPUR	0.0	5	25.9	102.0	58.0	225.0	181.0	-	-	464.0
36	TITLAGARH	0.0	5	31.7	138.2	78.2	464.8	221.8	-	-	764.8
37	TANGI	0.0	6	24.5	78.0	253.0	177.8	196.0	-	-	626.8
38	TUREIKELA	0.0	5	9.4	37.5	48.5	433.5	75.0	-	-	557.0
39	KHARIAR	0.0	6	17.5	89.0	84.0	189.6	140.2	-	-	413.8
40	TIKABALI	0.0	4	15.3	42.0	65.0	201.0	92.0	-	-	358.0
41	JAIPATNA	0.0	5	41.9	227.0	108.0	413.0	335.0	-	-	856.0
42	ARMPUR	0.6	6	14.6	74.4	65.6	107.4	102.0	-	-	275.0
43	PADMAVATI	0.0	5	16.3	78.6	200.4	202.8	114.2	-	-	517.4
44	PATAMUNDAI	0.0	3	5.4	32.0	78.0	255.6	42.8	-	-	376.4

RUSHIKULYA Basin

1	BERHAMPUR	0.0	6	18.3	69.8	126.0	77.6	128.4	-	-	332.0
2	GOPALPUR	0.0	5	25.0	66.4	148.1	167.0	175.2	-	-	490.3
3	MADHABARIDA	0.0	6	12.7	45.8	205.6	121.8	101.8	-	-	429.2
4	PURUSHOTTAMPUR	0.0	5	28.3	133.6	162.0	181.0	226.0	-	-	569.0
5	SORADA	0.0	6	16.6	69.8	174.6	162.0	132.4	-	-	469.0
6	ASKA	0.0	5	23.6	80.0	253.0	83.0	189.0	-	-	525.0

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7	BHANJANAGAR	0.0	4	22.1	76.0	204.0	149.0	155.0	-	-	508.0
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SUBERNAREKHA Basin

1	FEKOGHAT	3.0	7	5.2	8.8	215.8	175.8	36.4	-	-	428.0
2	GHATSILA	0.0	5	6.8	20.2	58.4	117.5	54.0	-	-	229.9
3	JAMSHEDPUR	0.0	5	4.3	16.0	82.4	139.5	30.3	-	-	252.2
4	JAMSOLAGHAT	4.8	6	6.9	13.0	103.8	165.6	41.4	-	-	310.8
5	RAJGHAT	2.4	8	16.3	40.0	210.0	227.0		-	-	567.4
6	RANCHI	3.6	6	5.0	13.9	42.5	196.8	34.9	-	-	274.2
7	TIRING	19.0	5	8.1	28.0	113.0	33.8	65.0	-	-	211.8

UPPER BRAHMANI Basin

1	PANPOSH	0.0	7	13.0	61.4	26.8	155.6	104.2	-	-	286.6
2	RENGALI	9.0	6	6.2	14.7	137.4	161.4	43.5	-	-	342.3
3	PALLAHARA	0.0	7	6.9	21.0	73.8	220.2	55.0	-	-	349.0
4	RAJGANGPUR	0.0	7	25.1	78.0	60.6	45.3	201.0	-	-	306.9

UPPER MAHANADI Basin

1	BAIKUNTHAPUR	0.0	5	14.6	73.6	30.8	270.0	116.8	-	-	417.6
2	BANGODAM	0.6	8	12.0	64.6	39.4	142.4	96.0	-	-	277.8
3	BASANTPUR	0.6	8	5.7	13.2	87.8	413.0	45.8	-	-	546.6
4	BAMANDIHI	0.8	6	17.3	58.8	56.0	431.6	121.4	-	-	609.0
5	CHAMPA	7.5	6	22.9	54.4	4.0	383.9	160.4	-	-	548.3
6	DEOGAON	0.0	7	20.1	50.0	235.6	430.2	161.0	-	-	826.8
7	DHARAMJAYGARH	0.4	8	14.4	50.6	103.0	379.2	115.0	-	-	597.2
8	GHORARI	2.5	4	9.8	28.4	93.0	263.6	58.9	-	-	415.5
9	JAMADARPALLI	0.6	7	19.6	106.6	295.6	400.0	156.8	-	-	852.4
10	JAGDALPUR	0.0	7	35.1	160.5	150.4	401.6	280.7	-	-	832.7
11	JHARSUGUDA	0.3	8	9.5	30.0	215.4	293.1	76.2	-	-	584.7
12	KORBA	4.0	8	30.9	127.8	46.7	676.2	247.0	-	-	969.9
13	KURUBHATTA	0.4	8	10.9	40.4	107.8	295.0	86.8	-	-	489.6
14	MANINDRAGARH	0.0	5	16.8	70.0	45.8	505.4	117.4	-	-	668.6

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15	PENDRAROAD	2.1	8	13.9	53.4	79.2	269.5	110.9	-	-	459.6
16	PARMANPUR	0.0	6	9.3	49.2	161.4	320.7	74.0	-	-	556.1
17	RAIPUR	0.4	7	9.8	52.9	124.5	622.3	78.5	-	-	825.3
18	RAJIM	2.8	6	10.3	69.2	74.4	487.3	82.4	-	-	644.1
19	SANKARA	0.0	6	6.9	35.4	52.4	379.4	55.2	-	-	487.0
20	SEORINARAYAN	0.0	5	5.7	23.0	26.8	673.0	45.8	-	-	745.6
21	SURAJGARH	0.0	6	9.7	23.4	162.4	353.2	67.8	-	-	583.4
22	SIMGA	0.8	7	5.1	20.8	22.6	358.8	41.0	-	-	422.4
23	THETTANG	0.0	7	8.2	45.6	108.0	390.0	65.8	-	-	563.8
24	AMBIKAPUR	0.6	5	2.7	6.8	99.6	91.9	16.0	-	-	207.5
25	BORANDA	0.4	8	9.8	67.8	73.2	492.2	78.6	-	-	644.0
26	KELO	0.0	7	15.5	71.0	182.2	342.7	124.0	-	-	648.9
27	MAHULPALI	0.0	6	20.0	68.0	0.4	299.4	159.6	-	-	459.4
28	RAMPUR	0.6	7	7.5	28.8	33.2	490.8	52.6	-	-	576.6
29	AMBABHONA	0.0	2	8.6	27.0	164.0	286.0	43.0	-	-	493.0
30	LAIKERA	0.0	6	23.8	85.2	0.0	143.5	190.6	-	-	334.1
31	BARGAON	0.0	3	6.4	24.4	53.9	49.2	31.8	-	-	134.9

VANSADHARA Basin

1	GOTTA BARRAGE	0.0	6	18.9	92.0	135.8	244.4	150.8	-	-	531.0
2	GUDARI	0.0	5	22.3	106.2	60.6	305.4	178.6	-	-	544.6
3	GUNUPUR	0.0	6	19.0	69.2	115.0	352.6	151.8	-	-	619.4
4	KASHINAGAR	0.0	5	18.3	82.6	113.8	255.8	128.4	-	-	498.0
5	KOTRAGUDA	0.0	5	23.3	71.4	87.0	512.8	163.4	-	-	763.2
6	KALINGPATNAM	0.0	5	11.0	62.0	75.7	90.1	88.0	-	-	253.8
7	MOHANA	0.0	5	20.3	45.4	78.4	191.8	141.8	-	-	412.0
8	MAHENDRAGARH	0.0	6	11.7	36.0	52.6	170.8	93.8	-	-	317.2
9	MALIAPATI	0.0	2	13.0	39.0	33.4	0.0	52.0	-	-	85.4
10	RAYAGADA	0.0	5	18.6	70.0	224.1	294.1	148.7	-	-	666.9
11	KOTRAGARH	0.0	3	12.7	39.0	52.2	187.5	63.6	-	-	303.3

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12	CHANDRAPUR	0.0	0	0.0	0.0	23.4	66.2	0.0	-	-	89.6
13	R.UDAYGIRI	0.0	5	16.1	46.4	60.8	197.7	128.8	-	-	387.3

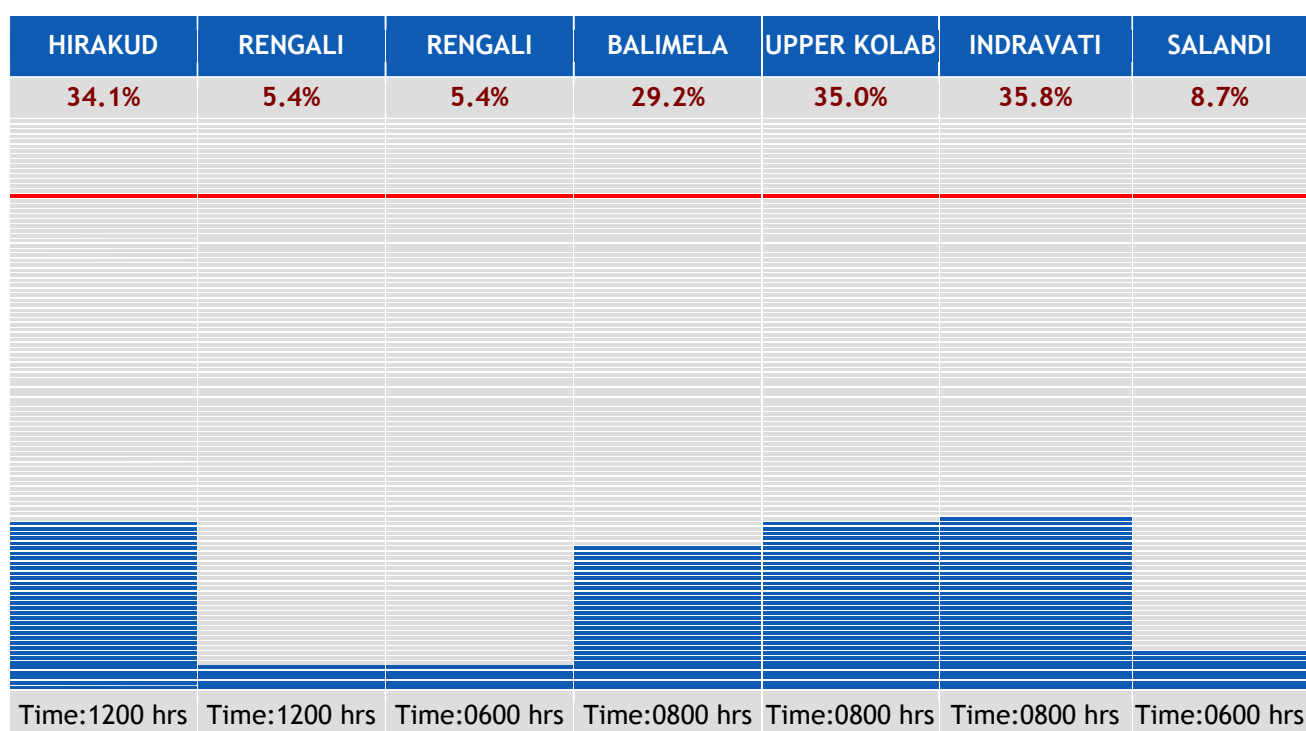
e. Average Reservoir Inflow-Outflow on 08-Aug-2010

<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Sl No	Name of Reservoir	Inflow	Outflow	Unit	Observation Period
1	HIRAKUD	95824.00	63501.00	Cusecs	DURING LAST 24 HOURS ENDING AT 0900 HRS OF 08.08.2010
2	RENGALI	321.77	195.72	Cumecs	DURING LAST 24 HOURS ENDING AT 0600 HRS OF 08.08.2010

f. Live Storage Filling of Major Reservoirs as on 08-Aug-2010

<http://www.dowrorissa.gov.in/Flood/ReservoirGraph.htm>



Reservoir Level & position wrt. Full Reservoir Level

RL: 610ft	RL: 111.02m	RL: 111.01m	RL: 1471.2ft	RL: 850.67m	RL: 632.4m	RL: 59m
(-) 20.00ft	(-) 12.48m	(-) 12.49m	(-) 44.80ft	(-) 7.33m	(-) 9.60m	(-) 23.30m

Reservoir Inflow & Outflow

I:155394Cusecs	I:170.45Cumecs	I:230.05Cumecs	I:371.11Cumecs	I:116.51Cumecs	I:205.1Cumecs	I:54.85Cumecs
O:63531Cusecs	O:Cumecs	O:16.74Cumecs	O:118.78Cumecs	O:18.24Cumecs	O:14.58Cumecs	O:1.5Cumecs

Live Storage capacity & Live Storage available

Cap:482155 Ham	Cap:341371 Ham	Cap:341371 Ham	Cap:267600 Ham	Cap:93500 Ham	Cap:148550 Ham	Cap:55650 Ham
LS:164544 Ham	LS:18551 Ham	LS:18551 Ham	LS:78023.1 Ham	LS:32685 Ham	LS:53203.44 Ham	LS:4859 Ham

The RED line corresponds to Full Reservoir Capacity

g. Weather Scenario

<http://www.dowrorissa.gov.in/Flood/DailyFloodBulletin.htm>

Time of observation: 12:30hrs IST

Catchment Rainfall Summary

Rainfall has occurred at many places over subarnarekha, and Burhabalang catchments; at a few places over Baitarani, and Upper Brahmani catchments; at one or two places over Lower Brahmani, Upper & Lower Mahanadi catchments. Weather has been mainly dry over rest catchments.

Chief Synoptic Situation

Yesterday's Low pressure area over west Madhya Pradesh and neighbourhood is less marked. However the associated upper air cyclonic circulation lies over West Rajasthan and neighbourhood extending up to 2.1 km. above sea level. The axis of monsoon trough on sea level passes through Jaiselmar, Rewa, Jabalpur, Sundergarh, Balasore and thence to south-east wards to East-Central Bay of Bengal.

Forecast valid for next 24hrs

Rain or thundershower would occur at a few places over Baitarini, Upper & Lower Mahanadi ,Vamshdhara catchments and at one or two places over rest catchments.

Heavy Rainfall (50mm or more) Warning

NIL

Quantitative Precipitation Rainfall for next 24hrs

Lower Mahanadi-01-10mm, all other basins are nill.

Outlook for Subsequent 48hrs

Increase in Rainfall.

Source: Flood Meteorological Centre, India Meteorological Department, BBSR