

भारत सरकार
भारतमौसमविज्ञानविभाग
(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)
Flood Meteorological Office,
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Time of Issue: 12:30 hrs IST

Hydromet Bulletin

I. SYNOPTIC SITUATION:

Under the influence of the cyclonic circulation over Eastcentral Bay of Bengal & adjoining North Andaman Sea, a low pressure area has formed over Eastcentral Bay of Bengal off Myanmar coast. Associated cyclonic circulation extends upto 4.5 km above mean sea level. System is likely to move towards Bangladesh coast during next 48 hours. A trough runs from the cyclonic circulation associated with the above low pressure area to Bangladesh across northeast Bay of Bengal and extends upto 1.5 km above mean sea level.

II DETERMINISTIC FORECAST (QPF)

S. No.	BASIN NAME	SUBBASIN CODE/NAME	QPF (mm)		
			Day-1	Day-2	Day-3
1	SUBARNAREKHA	SR	0	0	0
2	BURHABALANG	BB	0	0.1-10	0
3	BAITARANI	BT	0	0.1-10	0
4	UPPER BRAHMANI	UB	0	0	0
5	LOWER BRAHMANI	LB	0	0	0
6	UPPER MAHANADI	UM	0	0	0
7	LOWER MAHANADI	LM	0	0	0.1-10
8	RUSHIKULYA	RK	0	0	0.1-10
9	VAMSADHARA	VD	0	0	0
10	NAGAVALI	NV	0	0	0

QPF in Ranges (mm)	UNLISTED	0	0.1-10	11-25	26-50	51-100	>100
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Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

II(b) DETERMINISTIC FORECAST(DISTRIBUTION)

S. No.	BASIN NAME	SUBBASIN CODE/NAME	INTENSITY (I) & SPATIAL DISTRIBUTION (D)					
			Day-1		Day-2		Day-3	
			I	D	I	D	I	D
1	SUBARNAREKHA	SR	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
2	BURHABALANG	BB	M.Dry	DRY	L	ISOL	M.Dry	DRY
3	BAITARANI	BT	M.Dry	DRY	L	ISOL	M.Dry	DRY
4	UPPER BRAHMANI	UB	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
5	LOWER BRAHMANI	LB	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
6	UPPER MAHANADI	UM	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
7	LOWER MAHANADI	LM	M.Dry	DRY	M.Dry	DRY	L	ISOL
8	RUSHIKULYA	RK	M.Dry	DRY	M.Dry	DRY	L	ISOL
9	VAMSADHARA	VD	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
10	NAGAVALI	NV	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY

III. HEAVY RAINFALL WARNING

NAME OF BASIN/SUB- BASIN	Day-1		Day-2		Day-3	
	I	D	I	D	I	D
SUBARNAREKHA	NIL	NIL	NIL	NIL	NIL	NIL
BURHABALANG	NIL	NIL	NIL	NIL	NIL	NIL
BAITARANI	NIL	NIL	NIL	NIL	NIL	NIL
UPPER BRAHMANI	NIL	NIL	NIL	NIL	NIL	NIL
LOWER BRAHMANI	NIL	NIL	NIL	NIL	NIL	NIL
UPPER MAHANADI	NIL	NIL	NIL	NIL	NIL	NIL
LOWER MAHANADI	NIL	NIL	NIL	NIL	NIL	NIL
RUSHIKULYA	NIL	NIL	NIL	NIL	NIL	NIL
VAMSADHARA	NIL	NIL	NIL	NIL	NIL	NIL
NAGAVALI	NIL	NIL	NIL	NIL	NIL	NIL

Code	Description	Criteria
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

Code	Description	Criteria	Code	Description	Criteria
M.Dry	NIL	0 cm	VL	Very Light Rainfall	Trace
L	Light Rainfall	Upto 1 cm	M	Moderate rainfall	02-06 cm
H	Heavy rainfall	07-11 cm	VH	Very Heavy rainfall	12-20 cm
EH	Extremely Heavy rainfall	21 cm or More			
ExH	Exceptionally Heavy Rainfall	Heavy			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

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IV. PROBABILISTIC FORECAST

S. No.	BASIN NAME	SUBBASIN CODE/NAME	Day-1						Day-2						Day-3					
			0 mm	0.1-10 mm	11-25 mm	26-50 mm	51-100 mm	>100 mm	0 mm	0.1-10 mm	11-25 mm	26-50 mm	51-100 mm	>100 mm	0 mm	0.1-10 mm	11-25 mm	26-50 mm	51-100 mm	>100 mm
1	SUBARNAREKHA	SR	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
2	BURHABALANG	BB	75-100	0-5	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
3	BAITARANI	BT	75-100	0-5	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
4	UPPER BRAHMANI	UB	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
5	LOWER BRAHMANI	LB	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
6	UPPER MAHANADI	UM	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
7	LOWER MAHANADI	LM	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5
8	RUSHIKULYA	RK	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5
9	VAMSADHARA	VD	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5
10	NAGAVALI	NV	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5	75-100	0-5	0-5	0-5	0-5	0-5

Probability of occurrence (%)	0-5	5-25	25-50	50-75	75-100
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V. OUTLOOK FOR SUBSEQUENT FOUR DAYS

NAME OF BASIN/SUB-BASIN	OUTLOOK			
	Day-4	Day-5	Day-6	Day-7
SUBARNAREKHA	No significant change	No significant change	No significant change	No significant change
BURHABALANG	No significant change	No significant change	No significant change	No significant change
BAITARANI	No significant change	No significant change	No significant change	No significant change
UPPER BRAHMANI	No significant change	No significant change	No significant change	No significant change
LOWER BRAHMANI	No significant change	No significant change	No significant change	No significant change
UPPER MAHANADI	No significant change	No significant change	No significant change	No significant change
LOWER MAHANADI	No significant change	No significant change	No significant change	No significant change
RUSHIKULYA	No significant change	No significant change	No significant change	No significant change
VAMSADHARA	No significant change	No significant change	No significant change	No significant change
NAGAVALI	No significant change	No significant change	No significant change	No significant change

VI. STATIONS RECORDED SIG. RAINFALL (≥ 5 cm) RECORDED AT 0830 HRS IST OF TODAY:

NAME OF SUB-BASIN	NAME OF STATION (RAINFALL), ...
	-NIL-

VII. REALISED BASIN AVERAGE RAINFALL AT 0830 HRS IST OF TODAY:

S. No.	BASINS NAME	SUB-BASIN CODE/NAME	REALISED AVERAGE RAINFALL (mm)
1	SUBARNAREKHA	SR	0.0
2	BURHABALANG	BB	0.0
3	BAITARANI	BT	0.0
4	UPPER BRAHMANI	UB	0.0
5	LOWER BRAHMANI	LB	0.0
6	UPPER MAHANADI	UM	0.0
7	LOWER MAHANADI	LM	0.0
8	RUSHIKULYA	RK	0.0
9	VAMSADHARA	VD	0.0
10	NAGAVALI	NV	0.0

Remarks: - This is the last Hydromet Bulletin for the season. However, in case of any adverse Weather special Hydromet Bulletin will be issued.

(P.K.PATRA)
for Scientist-E & Head
FLOOD MET.OFFICE
M.C Bhubaneswar