



Special Advisory for Brahmaputra, Barak, Gumti, Dhalai and Manu Basins

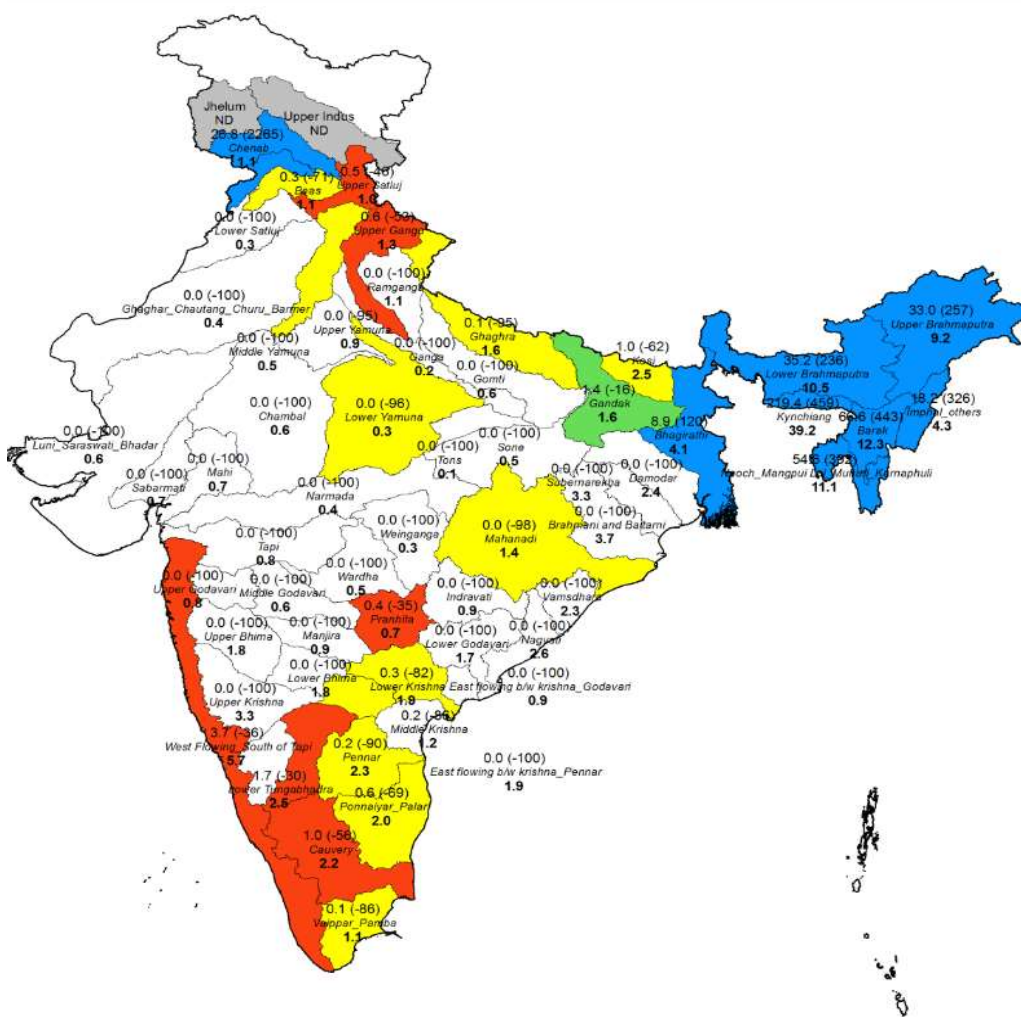
27-05-2020

Meteorological Situation

The Daily Rainfall Map for various River Basins as given by India Meteorological Department indicates that rainfall was Large Excess in Brahmaputra, Barak, Meghna, Bhagirathi and Other river basin in North eastern part of India as well as in Chenab Basin today.

RIVER BASIN RAINFALL MAP : INDIA

Date :27-05-2020



Legend

Large Excess [60% or more] Excess [20% to 59%] Normal [-19% to 19%] Deficient [-59% to -20%] Large Deficient [-89% to -60%] No Rain [-100%] No Data

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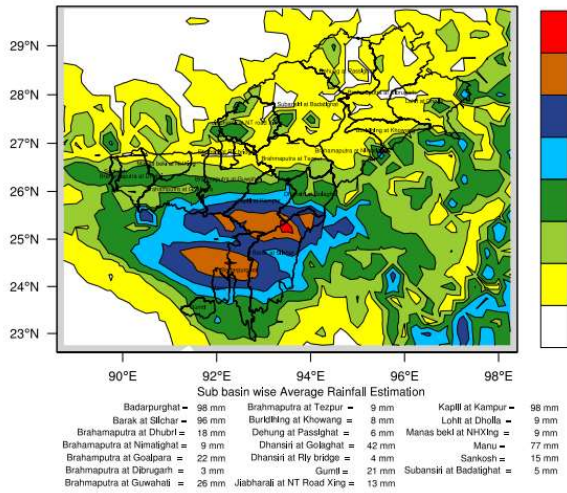
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The river basin wise rainfall forecast by Numerical Weather Products (namely IMD GFS) for 28th and 29th May 2020 for Brahmaputra & Barak Basin indicate that there is likelihood of heavy to very heavy rain with isolated pockets of extremely heavy rain. These are indicated in the figures below:

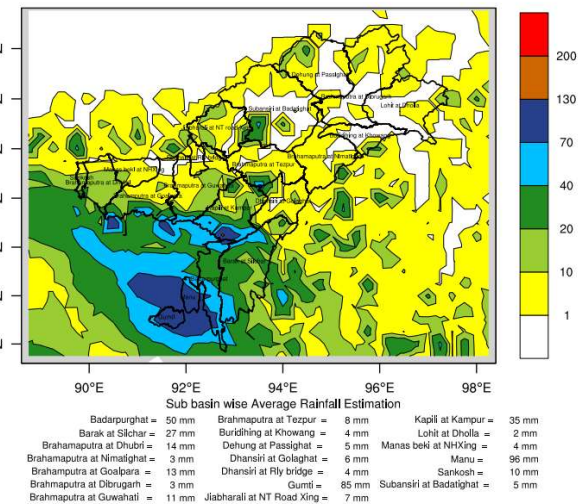
FLOOD MET OFFICE, GUWAHATI

IMD GFS Rainfall (mm) Forecast (24hr) Day 1 FCST valid for: 28.05.2020 TILL 08:30 IST



FLOOD MET OFFICE, GUWAHATI

IMD GFS Rainfall (mm) Forecast (48hr) Day 2 FCST valid for: 29.05.2020 TILL 08:30 IST



The Quantitative Precipitation Forecast issued by IMD, FMO, Guwahati issued on 27th May 2020 indicates that there is likelihood of 51-100 mm rainfall in sub-catchments of Kopili of Brahmaputra, Barak, Manu and Gumti in the States of Assam and Tripura on 28th and 29th May 2020.

Hydrological Situation

Presently, 4 stations namely, N T Road Crossing on river Jia-Bharali in Sonitpur District, River Brahmaputra at Neamatighat in Jorhat District, River Kopili at Kamrup in Nagaon District and River Puthimari at N H Road Crossing in Baksa District of Assam are flowing in Severe Flood Situation. 8 Stations namely, River Beki at Road Bridge in Barpeta District, River Kopili at Dharamtul in Marigaon District, River Brahmaputra at Dibrugarh in Dibrugarh District and Tezpur in Sonitpur District, River Manas at N H Crossing in Barpeta District, River Dhansiri (S) at Numaligarh in Golaghat District, River Pagladiya at N T Road Crossing in Nalbari District and River Ranganadi at N T Road Crossing in Lakhimpur District are flowing in Above Normal Flood Situation.

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	4
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	8
Total number of sites above Warning Level (A+B+C)		12
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		0

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Daily Flood Bulletin of 19th May 2020 is available at link
http://cwc.gov.in/sites/default/files/cfrcwcdffb27052020_5.pdf

Hydrograph of some of the stations in Severe Flood Situation are shown below:



Flood Advisories

State of Assam

Heavy to Very Heavy Rainfall with isolated Extremely heavy rainfall has been forecasted in Southern parts of Brahmaputra Basin for next 24 hours due to which there is likelihood of continuation of rising trend in Kopili river in Karbi Anglang, Nagaon and Morigaon Districts for next 2 days. There is a likelihood that river Kopili at Kamrup may touch the Highest Flood Level during the night of 27th May 2020 and fall slowly thereafter.

River Brahmaputra is likely to cross Danger Level and flow in Severe Flood Situation at Tezpur in Sonitpur District. Due to the combined effect of Brahmaputra and Kopili, river Brahmaputra is likely to rise at Guwahati D C Court in Kamrup Urban District and flow in Severe Flood Situation from tomorrow 28th May 2020 afternoon onwards.

Due to forecast of heavy to very heavy rainfall in Barak and Meghna basins, river Barak, Katakhal, Kushiya are likely to rise rapidly and may flow in Above Normal to Severe Flood Situation in the Districts of Cachar, Hailakhand and Karimganj Districts between 28th and 30th May 2020.

State of Tripura

Due to forecast of heavy to very heavy rainfall in Manu, Haora, Khowai, Gumti river basins are likely to rise rapidly and may flow in Above Normal to Severe Flood Situation in the Districts of North, South Tripura, Dhalai and Unakoti Districts between 28th and 30th May 2020.

Districts Alerted

Assam: Jorhat, Sonitpur, Karbi Anglang, Nagaon, Morigaon, Baksa, Kamrup Urban, Goalpara, Dhubri, Cachar, Hailakhandi and Karimgunj District

Tripura: North, South, Dhalai and Unakoti Districts

