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केन्द्रीय जल आयोग
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निदेशक (बा.प.प्र.)

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कृपया केन्द्रीय जल आयोग की वेब साईट पर अपलोड करने की व्यवस्था करें।

निदेशक (तकनीकी प्रलेखन)

Extreme rainfall from July 19 may trigger more floods in NE

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NEW DELHI: Northeastern states, including flood-hit areas like Assam, are likely to receive extremely heavy rains from Sunday that will trigger further flooding in the region, India Meteorological Department (IMD) said on Thursday. Widespread and heavy rain is also expected in the northwestern plains, including Delhi, from Friday to Monday, it added. Delhi has received 52% less rainfall this season while northwestern India has a 16% rain deficiency.

National Weather Forecasting Centre senior scientist RK Jenamani said the monsoon trough, which had moved to the foothills around July 8, moved back to its normal position around July 14. Jenamani added it is likely to move northwards again. "The

western end of the monsoon trough will move to northwest India, where it will bring heavy and widespread rains while the eastern end will move to the Himalayan foothills bringing extremely heavy rainfall to the eastern and northeastern states. These states should be prepared."

IMD director general M Mohapatra said extremely heavy rains can trigger flooding once again in these regions.

The death toll from floods in Assam rose to 66 on Wednesday as six more people drowned. The deluge has affected over 3.5 million people and submerged around 90% of the Kaziranga National Park and Tiger Reserve.

The Central Water Commission on Wednesday said 52 stations in Bihar, Assam, Uttar Pradesh, West Bengal, Jharkhand, and Arunachal Pradesh have reported severe flood and above

normal flood situation. Severe flood is declared when water levels touch or exceed the danger level but are below the highest level.

Parts of Maharashtra and Konkan have been receiving very heavy rain since Tuesday with some places recording over 20 cm rain over two days. Tillari Dam in Kolhapur district has filled up to 80% of its full capacity. Since heavy rain has been predicted in its catchment, water releases from the dam as per standard operating procedure should be made, the commission said.

There is also a possibility of urban flooding in Mumbai, according to Central Water Commission (CWC)...

Moderate to severe thunderstorms and lightning were also very likely over places like Rajasthan, Madhya Pradesh on Friday.

दिनांक 1.7.20 को

Hindustan Times (Delhi)

नवभारत टाइम्स (दिल्ली)

The Tribune (Chandigarh)

The Hindu (Chennai)

Assam flood toll 71, over 40 lakh hit

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Guwahati: The first wave of monsoon flooding in Assam is already among its worst ever, claiming four more lives on Thursday to take the death toll to 71 in seven weeks and leaving 40 lakh people in 27 of the state's 33 districts marooned in a sea of misery.

Kaziranga National Park reported four rhino deaths during the day, taking wildlife casualties so far to 76. Carcasses of two one-horned rhinos had been found floating in a flooded area of the national park a few days ago.

According to data available with the Assam State Disaster Management Authority, around 50,000 people have been forced to leave their inundated homes and take shelter in relief camps. Standing crops spread across more than one lakh hectares of farmland have been destroyed since May 22.

With the Brahmaputra and all other major rivers flowing above the danger mark, aging earthen embankments have been breached in several districts. At many places, concrete bridges have been washed away.



Kaziranga National Park has lost six rhinos so far due to the floods

The NDRF has deployed 12 search-and-rescue teams in worst-hit districts, including Dhubri, Barpeta and Goalpara in lower Assam. "We're having to simultaneously fight Covid-19, floods and erosion," CM Sarbananda Sonowal said.

An official said apart from rhinos, Kaziranga had lost 61 hog deer, while 90% of its area had been swamped.

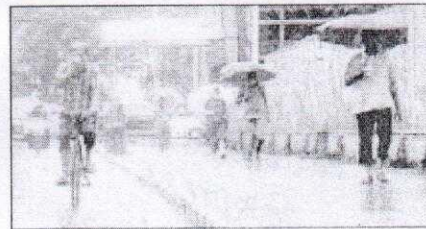
Intense rain, waterlogging, traffic diversions at many places in city

SANJANA BHALERAO
ALUMBA JULY 19

INTENSE SPELL of rainfall in Mumbai and its suburbs on Thursday resulted in traffic diversions due to waterlogging in 15 areas. The weather bureau said the intensity of rain will reduce from Friday, with forecast of light to moderate rain for the next four days over Mumbai, Thane and Palghar.

The India Meteorological Department's (IMD) Santacruz observatory recorded "very heavy rain" of 129.4 mm in nine hours between 8.30 am and 5.30 pm on Thursday. In comparison, Colaba station recorded "moderate" rain of 18.8 mm in the same period. From July 1 to July 16 (18:30 pm), Mumbai has recorded 1,152.6 mm rain as opposed to the average 840.7 mm for the month. Four days in the month that especially added to the bulk of rainfall in the city include July 4 (157 mm), July 5 (209.8 mm), July 6 (136.1 mm) and July 16 (191.2 mm).

Areas such as Andheri subway and the King's Circle were closed for traffic following waterlogging. Traffic was also affected at other places including at Hindmata Mahadevi temple



junction, Worli naka, Churchgate junction, Alambur junction, Dadar, Fl, Kherwadi, Bandstand, Bandh, Bazar, Bandra railway station and SV Road near Andheri.

The Brihanmumbai Municipal Corporation (BMC) had received waterlogging complaints from Hindmata, Shakti Panchayat Chowk in Vadala, St. S. college area in Sion, areas in Dharavi, Baingawadi in Deonar, Postal Colony and Jumbay in Chembur and Andheri, Pesar, Jhar, Milan and Malad suburbs on Thursday. Transport utility BEST had to divert 92 bus routes due to flooding.

As per the 48-hour forecast by the IMD, the city will witness generally cloudy sky with moderate rainfall.

"Monsoon activity remained widespread yesterday (Wednesday) over Konkan, Goa

including Mumbai, with scattered heavy to very heavy rainfall and extremely heavy rain at isolated places. Interior Maharashtra also received widespread moderate rainfall with isolated heavy rain under the influence of strong lower level wind convergence along the West coast and east-west shear zone in mid-tropospheric levels, enhanced rainfall activity over the region is expected till Thursday, with significant reduction thereafter," IMD said in its special bulletin at 7.30 pm.

On Thursday, intense spells of rain were recorded since afternoon in western suburbs, while South Mumbai received moderate spells. A total of 11.5 mm rain data by IMD showed Malad west received the maximum 159.40 mm rain, which falls in

"very heavy" category followed by Kam Mandir with 153 mm rain, Bandra Kurla Complex (BKC) 118.90 mm and Kandivali west 115 mm rain between 8.30 am and 5.30 pm.

Over the past 24 hours ending at 8.30 am on Thursday, Colaba observatory recorded 136.4 mm rain while the Santacruz station recorded 104.2 mm rain, which is the second highest 24-hour spell this year. BMC recorded maximum 214.3 mm rainfall over the 24 hours, followed by Dharavi (210 mm), Bandra (209 mm) and Worli (195.40 mm).

However, the rainfall recorded in the catchment area of the seven lakes that supply water to the city remained low. Humans get water from Bhatsa, Modli, Vaharna, Upper Vaharna, Larva and Modak Sagar, which are in Thane and Nashik district. Tulu and Vihar are located within the city limits in Sanjay Gandhi National Park.

Bhatsa lake, which is the biggest contributor to the water supply at 50 per cent, received only 5 mm of rain in the 24 hours ending 8.30 am on July 19. Modak Sagar received 5 mm, while Larva received 2 mm of rain in the same time period. Vihar and Tulu lakes received 125 mm and 90 mm respectively.