

News item/letter/article/editorial published on 12/7/17 in the

Hindustan Times
Statesman
The Times of India (N.D.)
Indian Express
Tribune
Hindustan (Hindi)

Nav Bharat Times (Hindi)
Punjab Keshari (Hindi)
The Hindu
Rajasthan Patrika (Hindi)
Deccan Chronicle
Deccan Herald

M.P. Chronicle
Aaj (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

and documented at Bhagirath(English) & Publicity Section, CWC

SYL: State wants water availability assessed ^{T-12}

RUCHIKA M KHANNA
TRIBUNE NEWS SERVICE

CHANDIGARH, JULY 11

The Punjab Government is ready for talks with Haryana to resolve the river waters dispute, provided the dialogue includes assessing the quantum of water available with the state.

The state also wants that the ratio of division of assets followed after the 1966 reorganisation includes river waters shared between Punjab and Haryana. While all other assets of Punjab were divided in the ratio of 60:40, the state claims that Haryana got more than its share of 40 per cent of the river waters.

Chief Minister Capt Amarinder Singh, who met Prime Minister Narendra Modi in New Delhi this evening, however, did not discuss the issue with the PM. Three days ago, he had met Union Water Resources and River Development Minister Uma Bharti and made the state's stand clear regarding assessing the quantum of river waters available and the drastic fall in the



Under the Punjab SYL Canal Land (Transfer of Property Rights) Act passed last year, 4,000 acres acquired by the government were transferred back to original landowners. FILE PHOTO

state's groundwater level. Sources in the Irrigation Department said the Centre was keen on appeasing Punjab by first getting the Shahpur Kandi dam issue resolved with Jammu and Kashmir. A meeting in this regard was held last week in New Delhi, where officials of the Ministry of Water Resources were also present. A solution is expected within a month, with Punjab set to get 0.78 MAF (million acre foot) of its water share from the dam.

During the talks with J&K expected later this month, Punjab will cite the latest

flow series to show that the quantum of water has reduced from 17.17 MAF to 13.38 MAF, and there has been an alarming fall in the water table. The groundwater development index (GDI) of the state is two and a half times more than the internationally accepted figure of 75. Each year, Punjab is losing 12 MAF of groundwater, so there is no additional water that the state can part with through the proposed SYL canal. Against the 52 MAF required for agriculture, only 27 per cent is available presently being met from the river waters.

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'Obligatory for Punjab, Haryana to follow order on SYL'

PRESS TRUST OF INDIA
NEW DELHI, 11 JULY

Amarinder, Khattar differ in opinion on SC order

RANJEET JAMWAL
CHANDIGARH, 11 JULY

The Supreme Court today said it was obligatory on the part of Punjab and Haryana to respect and execute its orders on the Satluj-Yamuna Link (SYL) canal issue.

The apex court also warned both states to first attempt to construct the canal, after which the issue of supply of water would be considered. It also asked them to ensure that there is no agitation on the issue.

A three-judge bench headed by Justice Dipak Misra said the states have an "obligatory duty" to obey the decree passed by it, after Attorney General K K Venugopal argued that the Centre was "trying its best" to bring both Punjab and Haryana to a reconciliatory stage so that the

With SC directing Punjab and Haryana to obey orders passed by it on the SYL issue, the chief ministers of the two states, Captain Amarinder Singh and Manohar Lal Khattar, came up with contrasting reactions to the apex court order.

While Capt Amarinder welcomed SC's decision "to give two months' time to resolve the festering SYL issue" and expressed

decree can be amicably executed.

"Authorities of both the states (Punjab and Haryana) must remember that the decree passed by this court has to be respected and has to be exe-

hope for an out of court settlement, Khattar sought his Punjab counterpart's "cooperation in construction of the SYL canal for benefit of farmers of both states". "I thank Hon'ble Supreme Court for its orders on SYL canal issue. Justice has been served," Khattar said in a tweet after the SC hearing in the case. In a later statement, Khattar appealed to the Punjab CM to take immediate steps to ensure construction of the SYL Canal on Punjab territory, so that the

cuted," the bench, also comprising Justices Amitava Roy and A M Khanwilkar, said.

"The decree is for construction of canal by both the states. Therefore, canal has to

farmers of both states could benefit. Welcoming the SC decision, Captain Amarinder however urged the Central government to facilitate dialogue with Haryana for an early resolution of the issue. Reiterating that the problem could be solved only through negotiations, Captain Amarinder said while Punjab did not want to deprive anyone of this essential commodity, the critical shortage of water in the state prevented it from sharing this vital resource.

be constructed. You construct the canal first. The issue of water supply will come later," the bench said and fixed the matter for further hearing on September 7.

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Sensor network to map and predict pollution, effluents in Godavari

Researchers are developing a cost-effective forecast system using cloud networking & remote sensors

JACOB KOSHY
NEW DELHI

The Ganga may be the focus of the government's river-cleaning efforts, but a group of U.S. researchers is working on a system to map undulating pollution trends in the Godavari, India's second longest river.

Using a mix of methods, including satellite-monitoring, traversing stretches of the river to collect water samples and using special sensors to measure bacterial and chemical pollution, the researchers are trying to develop a cost-effective forecast system.

The team's long-term objective is to be able to inform State officials and citizens of a probable spike in, say, levels of dangerous microbes or effluents, similar to weather and air pollution forecasts. That apart, said Anup Malani, Professor of the University of Chicago Law School, it is to be able to access "raw data" that could be used to inform the efficacy of a proposed faecal sludge treatment plant and whether behavioural interventions – including incentives or punishments – to restrict activities that pollute the river could actually work.

"We've had debates with town planners who told us

Raising the bar

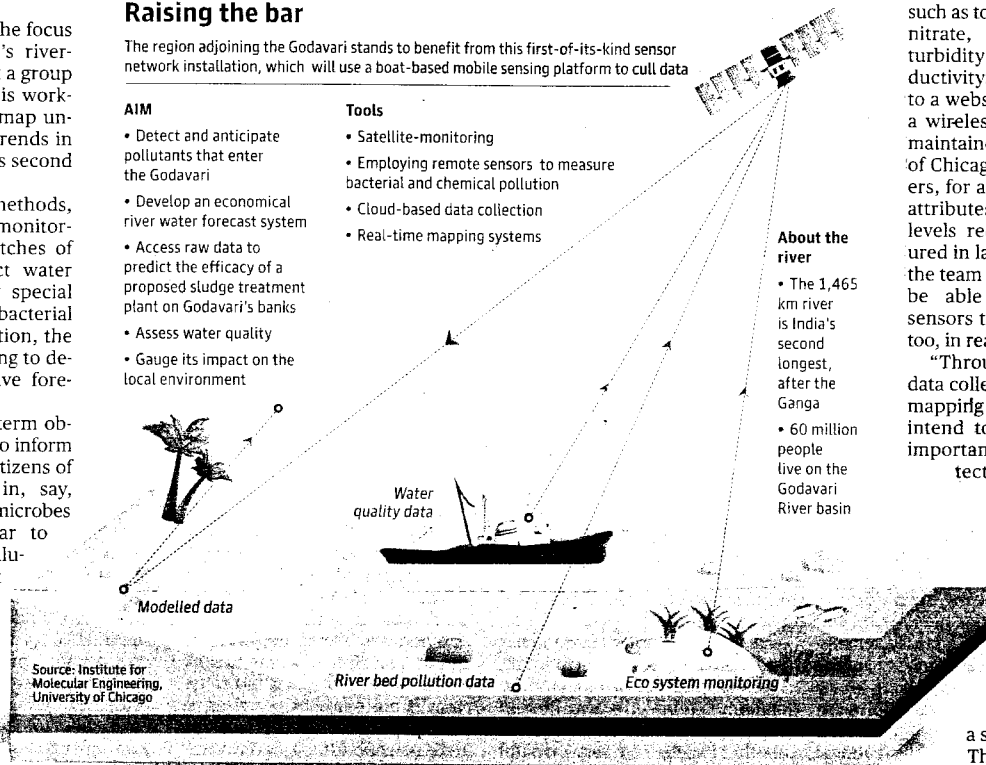
The region adjoining the Godavari stands to benefit from this first-of-its-kind sensor network installation, which will use a boat-based mobile sensing platform to cull data

AIM

- Detect and anticipate pollutants that enter the Godavari
- Develop an economical river water forecast system
- Access raw data to predict the efficacy of a proposed sludge treatment plant on Godavari's banks
- Assess water quality
- Gauge its impact on the local environment

Tools

- Satellite-monitoring
- Employing remote sensors to measure bacterial and chemical pollution
- Cloud-based data collection
- Real-time mapping systems



that all the pollution gets washed away... Is that true? We need to find out," Mr. Malani, who is also co-founder of the International Innovation Corps, told *The Hindu*.

"That would help us know whether interventions are

needed only up-river or along various stretches."

Hotspot of pollution

The project started eight months ago and has so far identified two "hotspots" of pollution, which Mr. Malani declined to reveal, saying he

would first inform the Andhra Pradesh government about them. The sampling exercise, being done along a portion of the 1,400-km river spanning Rajamahendravaram (East Godavari district) and Kovvur, Narsapur and Palakol (all in West Godav-

ari), measures parameters such as total dissolved solids, nitrate, pH, temperature, turbidity and electrical conductivity. These are relayed to a website called *Thoreau*, a wireless sensing network maintained at the University of Chicago to map parameters, for analysis. Some river attributes such as microbial levels require to be measured in laboratories, though the team hopes eventually to be able to use low-cost sensors that measure them, too, in real time.

"Through cloud-based data collection and real-time mapping systems, the teams intend to demonstrate the importance and value of detecting and anticipating pollutants that enter the river in the form of human waste, organic materials, and chemical contaminants," the University of Chicago research team said in a statement.

The exercise is part of a Bill and Melinda Gates Foundation project to support the programme of the Administrative Staff College of India (ASCI) to provide city-wide sanitation improvements in urban Andhra Pradesh. Sensors to monitor river pollution are an emerging technological approach in India.

दिनांक ११ जुलाई २०१६ को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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Central Chronical (Bhopal)



One-horned rhinos swim through flood waters at Kaziranga National Park, about 250 kilometres east of Guwahati, on Monday. AFP

7 die in Assam floods; lightning kills 32 in Bihar

Met dept predicts more rainfall

NEW DELHI/CHENNAI, DHNS AND AGENCIES: Seven perished in the worsening flood situation in Assam on Monday, while lightning strikes claimed 32 lives in Bihar.

The floods, a recurring calamity every year, has impacted nearly 12.25 lakh people in the north-eastern state this year. With the latest casualties, death toll in current floods has touched 33, with seven deaths taking place in the state's largest city of Guwahati.

In the neighbouring Arunachal Pradesh, incessant rain for the past three days triggered landslides and flash floods, claiming the life of a 3-year-old girl, who was washed away on Sunday.

Major rivers in the state are flowing above the danger level, while surface communication was disrupted at many places

along the NH-415 that links Assam with Arunachal Pradesh, officials said. The Met department predicted more rainfall over the next few days.

Bihar's Disaster Management Department Principal Secretary Pratyay Amrit told PTI that the 32 deaths due to lightning include four in state capital Patna. The death toll was 16 on Sunday.

The hardest-hit districts of Rohtas and Vaishali have reported five deaths each, he said. Bihar has been receiving intermittent rain over the past few days.

Amrit said the state government would soon launch a lightning-tracker app to alert people on thunder and lightning.

Heavy rain lashed many places in Uttar Pradesh, causing a rise in water levels in major rivers like Ganga. Ghaghra

and Sharda rivers are flowing above danger levels in some places.

Birdghat (Gorakhpur) recorded 130.4 mm, Basti 90 mm and Mahrajganj 78.2 mm rainfall on Monday, a Central Water Commission report said.

The Met office in the state said light to moderate rain or thundershowers have occurred at many places in the eastern region and at a few places in the western districts.

Heavy rain triggered landslides in the interior areas of Mandi and Kangra in Himachal Pradesh, though all major highways are open to traffic.

Local MeT office predicted heavy rain at isolated places in mid and lower hills of Kangra, Mandi, Sirmour, Shimla, Solan and Bilaspur on July 11, adding that the wet spell would continue for six days till July 15.

दिनांक ११.११.९१ को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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No water sport



Monsoon blues: A boy takes his friends to safety in Morigaon district of Assam on Monday. The flood situation in the State turned critical with the death of seven persons on a single day. Over 12 lakh people have been affected. • RITU RAJ KONWAR (REPORT ON PAGE 7)

दिनांक 10/7/2012 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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An aerial view of the flood-affected Kaziranga National Park, on Sunday. - UB Photos

Modi takes ...

(Contd from page 1)

The relief operation has also been intensified with the number of relief camps (eight districts) going up from 89 to 90, housing 17,744 inmates compared to yesterday's figure of 16,705. Further, 90 relief distribution centres are available for the flood-affected people.

Prime Minister Narendra Modi inquired about the measures taken by the State Government and said that the Centre is taking the problem of flood and erosion in Assam very seriously. He assured that the Union Government would extend all support to the State government for tackling the situation.

Modi takes stock of State flood scene

STAFF REPORTER

GUWAHATI, July 9 : Prime Minister Narendra Modi today called up Chief Minister Sarbananda Sonowal over phone from New Delhi and took stock of the prevailing flood situation in the State even as the overall death toll in the current wave of flood shot up to 24, with one more death being reported from Karimganj.

Sonowal informed the Prime Minister about the government's effective and expeditious measures to reach out to the affected people.

He also informed that already Ministers of his cabinet have been directed to rush to affected areas to take stock of flood situation and step up relief and rescue operations ensuring proper arrangement of facilities for flood affected and relief camp inmates.

The Chief Minister also apprised that

the MPs and the MLAs of the respective flood-affected areas have also been asked to remain in their constituencies and supervise rescue and relief operations.

Centre advisory SPL CORRESPONDENT

NEW DELHI, July 9: The Centre today issued an advisory warning in view of the forecast of heavy to very heavy rainfall in Assam and its adjoining states for the next two to three days, even as the Brahmaputra river and its tributaries were rising rapidly.

Official sources here said that heavy to very heavy rainfall will occur in Arunachal Pradesh, Assam, North Bengal, Sikkim and parts of Bhutan in the next two to three days because of active southwest monsoon conditions.

However, the overall flood scenario did show some improvement for the second consecutive day with the number of affected districts coming down to 15 from yesterday's 19.

As per the official flood bulletin, the flood-affected districts are Lakhimpur, Jorhat, Golaghat, Cachar, Dhemaji, Biswanath, Karimganj, Sonitpur, Majuli, Barpeta, Nagaon, Nalbari, Sivasagar, Morigaon and Chirang.

"As on today, 4,86,726 people in 1,096 villages stand affected," the flood bulletin stated, adding that a crop area of 41239.19 hectares too remain submerged.

The Brahmaputra was still flowing above its danger level at Neamatighat, Tezpur, Dibrugarh, Goalpara and Dhubri while its tributaries Dhansiri and Jia Bhari are also maintaining identical trends, besides Siang, Dikhow and Khushiara.

(Sec page 7)

दिनांक 12 जुलाई को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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Over 15 lakh hit in Assam flood

GUWAHATI, JULY 11

Over 15.18 lakh people have been affected so far by the current wave of floods that have inundated vast areas in 23 districts in Assam.

Many rain-fed rivers, including the Brahmaputra, are flowing above the danger mark. More than 49,000 displaced people have taken shelter in 115 relief camps. Governor Banwarilal Purohit today visited flood-affected Nagaon district and asked the Deputy Commissioner and the police to provide medical facilities and security to those living in the relief camps.

Lakhimpur district remains as the worst-hit where more than 3.10 lakh people have been affected. The crop area affected by the flood is 1,40,837.42 hectare.



A boy rows a makeshift raft outside his submerged house in the flood-hit Kuthori village near Kaziranga National Park. REUTERS

14 feared dead in Arunachal

GUWAHATI, JULY 11

At least 14 persons are feared to have died in a massive landslide triggered by flash-flood caused incessant rains in Papum Pare district of Arunachal Pradesh on Tuesday. Eight houses were wiped out by the landslide and inmates were buried alive, a district official said.

Chief Minister Pema Khandu has put the district administration on alert and ordered an urgent rescue operation to evacuate probable survivors trapped in the debris. A 35-member NDRF team is carrying out rescue operations along with volunteers in the landslide-hit area. — TNS

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Twenty villages face submergence

Fasting farmers in Narmada valley say will vacate villages only when proper rehabilitation is provided ^{H-12}

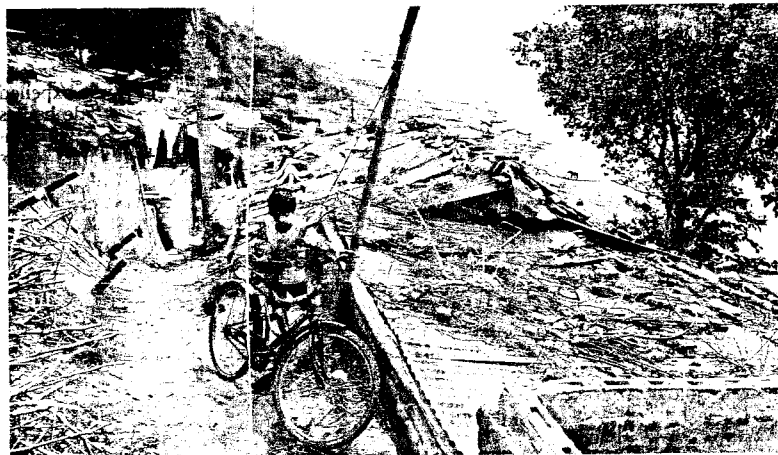
VIKAS PATHAK
BARWANI (MADHYA PRADESH)

Farmers from 20 villages of the Narmada valley have gone on a fast in protest against the administration's instructions to vacate villages that are in the submergence zone of the Sardar Sarovar Dam.

After getting permission from the Narmada Control Authority to close the floodgates of the Sardar Sarovar dam, the Gujarat government has closed all 30 gates of the dam, causing the water level to rise to 133 metres from 122 metres.

This is expected to generate hydel power, water fields and take drinking water to parts of Gujarat. But the raised level also brings many villages in the submergence zone, necessitating their abandonment.

"There is at present a relay hunger strike. About 200 people across 20 villages are fasting each day to make the



Fight for survival: These houses at Chota Barda village in Madhya Pradesh will be submerged once the water level of the Narmada rises. • R. V. MOORTHY

point that they do not want to abandon their villages," said Rahul Yadav of the Narmada Bachao Andolan. "They want rehabilitation at a place that has facilities like their villages, and not land

that does not have basic facilities."

"The Supreme Court had said that the villages concerned should be vacated by the end of the month. Rehabilitation has been offered

to them and officials have visited the sites and expressed satisfaction with the facilities offered," Barwani PRO Swadesh Silawat told *The Hindu* over phone.

The villages that are wit-

ness fasts include Bagud, Pichodi, Avalda, Chikhaldia, Kadmal, Kharparkheda, Barjararkheda, Nisarpur, Kothada, Karodia, Bodhwada, Gopalpura, Gangali, Kavathi, Ekalbara, Semalda, and Parkhed.

"The government is asking us to leave our villages but it has not provided proper rehabilitation yet. We will vacate our villages only when the government provides proper rehabilitation with basic facilities," Mr. Yadav said.

As *The Hindu* had reported a few days back from Barda in Barwani, villagers complained that they had been allotted land 7 km away from their villages, which was not easily accessible from their fields that were outside the submergence zone. Also, about 70 families had not been surveyed, villagers claimed, meaning that they had not got any alternative land.

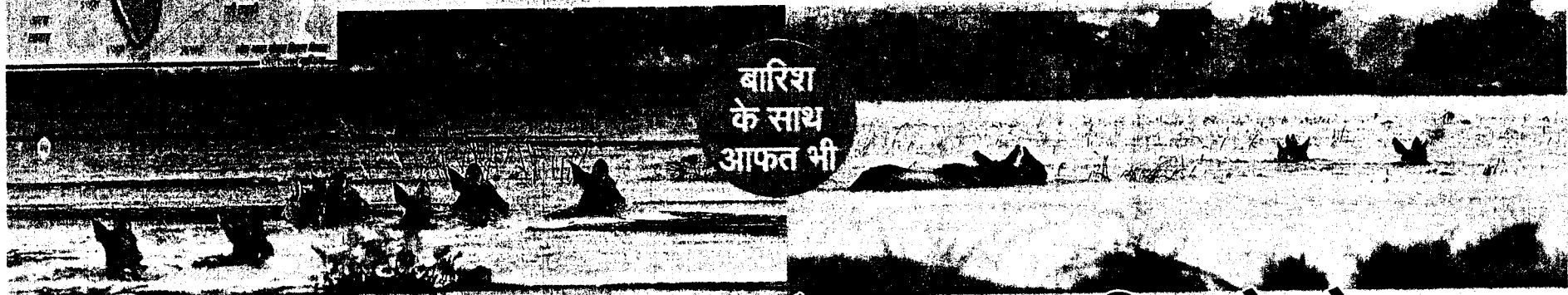
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**मॉनसून अब
दिखाएगा तेजी**
कुछ इंतजार के बाद
मॉनसून अब उत्तर
भारत में सक्रिय है।



असम में नुकसान

20 से ज्यादा जिले
पानी में डूबे हुए हैं

32 लोगों की मौत
हो चुकी है राज्य में

6 हिरण मारे जा
चुके हैं काजीरंगा में

1 लाख हेक्टेयर
कृषि क्षेत्र भी बर्बाद

12.55 लाख
लोग हो चुके प्रभावित

■ एजेंसियां, नई दिल्ली : देश के कई हिस्सों में मॉनसून जहां राहत की बारिश ला रहा है तो कुछ में आफत बनकर बरस रहा है। असम में भारी बारिश से ब्रह्मपुत्र और सहायक नदियों में जलस्तर बढ़ गया है जिससे राज्य के 20 से ज्यादा जिलों में बाढ़ जैसे हालात बने हुए हैं। काजीरंगा नेशनल पार्क में तो कई फीट पानी भरा हुआ है। कम से कम छह हिरनों (हॉग डियर) के मारे जाने की खबर है। वहीं बाढ़ की वजह से 32 लोग मारे जा चुके हैं। राज्य में सड़कों, पुलों और दूसरे इन्फ्रास्ट्रक्चर को नुकसान पहुंचा है। अरुणाचल प्रदेश में भूस्खलन से 14 लोगों की मौत की आशंका है।

**चारधाम के लिए
रजिस्ट्रेशन रोके**

■ प्रस, देहरादून : उत्तराखंड में मौसम विभाग ने भारी से बहुत भारी बारिश की चेतावनी दी है। इसके मद्देनजर चारधाम के लिए तीर्थयात्रियों के रजिस्ट्रेशन पर रोक लगा दी गई है। वहीं देहरादून के सहस्रधारा में बारिश से उफनाई एक नहर में बहने से एक महिला लापता हो गई है। प्रदेश के अधिकांश इलाकों में भारी बारिश हो रही है। भूस्खलन से कई मार्ग क्षतिग्रस्त हैं। मसूरी-धनौली मार्ग में भारी मलबा गिरने से सड़क ब्लॉक है।

**अस्पताल में घुसा
पानी, स्कूल बंद**

■ एजेंसियां, पटना : बिहार में मॉनसून की शुरुआती बारिश ने ही पटना समेत कई शहरों के हालात बिगाड़ दिए हैं। पटना, वैशाली मुजफ्फरपुर, दरभंगा और मधुबनी में प्रशासन ने पहली से आठवीं कक्षा तक के लिए स्कूलों को बंद करने का निर्देश दिया है। नालंदा मेडिकल कॉलेज और अस्पताल के आईसीयू में पानी घुस गया। कई मोहल्ले टापू में तब्दील हो गए हैं। हाजीपुर के महिला थाने में जलजमाव है।

**मगर आंकड़े कुछ
और कहते हैं**

■ पीटीआई, नई दिल्ली : मॉनसून पिछले एक हफ्ते से मध्य और दक्षिणी भारत में थोड़ा सुस्त पड़ा है। मौसम विभाग के डेटा से पता लगता है कि बारिश यहां सामान्य से कम हो रही है। इन क्षेत्रों में आठ परसेंट तक कम बारिश हुई है। बाढ़ से बेहाल होने के बावजूद पूर्वी और उत्तर पूर्वी भारत में बारिश में 5 परसेंट की कमी देखी गई है। हालांकि दिल्ली समेत नॉर्थ वेस्ट भारत में बारिश सरप्लस में हो रही है। यहां 29 परसेंट ज्यादा बारिश हुई है।

