Central Water Commission Technical Documentation Directorate Bhagirath(English)& Publicity Section

West Block II, Wing No-5 R K Puram, New Delhi – 66.

Dated 18.6.18.

Subject: Submission of News Clippings.

The News Clippings on Water Resources Development and allied subjects are enclosed for perusal of the Chairman, CWC, and Member (WP&P/D&R/RM), Central Water Commission. The soft copies of clippings have also been uploaded on the CWC website.

SPA (Publicity)

Encl: As stated above.

Deputy Director TD Dte, & Publication Division

Ju 18/6/18

For information of Chairman &Member (WP&P/D&R/R.M.), CWC and all concerned, uploaded at www.cwc.nic.in

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Anti-dam protests misplaced

71th over three decades' experience in dealing with India's water resources sector, Central Water Commission (CWC) chairman S Masood Hussain can be called the 'water-man of India'. He blames the country's perennial water crisis on what he terms self-appointed champions of antidam activists. Hussain, who also holds additional charge as Director General, National Water Development Agency, said much of the country's water woes could have been addressed if a network of dams had come up across the country. In an interview to DIPANKAR CHAKRABORTY, he said that the CWC, for the first time, would not only predict floods but also the areas it would hit using state-of-the-art technology and space science data. Excerpts:

Q: What is the significance of the 9th International micro irrigation conference titled 'Micro Irrigation in Modern Agriculture' to be held in India?

A: We have to increase water use efficiency in agriculture. Use of micro-irrigation such as drip or sprinkler irrigation is one of the most effective ways of increasing water use efficiency. This will help save water and enhance productivity. Since water use efficiency in India is low the conference will help the cause of micro-irrigation. Micro-irrigation is very effectively being used successfully in the use of Narmada water in Rajasthan. The Water Resource Ministry is engaged in promoting microirrigation across the country.

Q: What is reservoir storage monitoring system and how useful is it?

A: We carry out monitoring of 91 major reservoirs in the country comprising about 65 per cent of the total storage. We have over 5,000 small and big dams. The monitoring enables us and state governments to plan water releases. Every Thursday evening, we release the latest data.

Q: India is facing a severe water



scarcity. Your data till April 2018 shows overall water storage has been less than the 'average storage' of the last decade. Is the situation really alarming?

A: There is definitely a shortage in the volume of water in reservoirs when we compare it to 10 years' average. But it may not alone suffice to understand the water position. Rainfall has been deficient, in summer, winter and monsoon, in the past 2 to 3 years. Factors like last year's rainfall and water taken out of reservoirs have to be seen together. The storage is thus not absolute, it depends on how much water you are drawing.

O: Is the rainfall shortage attributable to climate change and other environmental factors?

A: It has become fashionable these days to attribute all such rainfall shortage to climate change. First you have to see the natural phenomenon has an in-built variation in itself. It

would thus be harsh to attribute it to any specific factor like climate change. Climate change is shifting the location, not availability, and here the availability of water is less.

Q: What is the role of dams in the management of water resources? You have been a strong votary of building dams.

A: Development of water resources and management are two important aspects of water resources. Development of water resources means creation of more water storage through creation of more dams. An overwhelming quantity of water comes during the monsoon season. Unless we store this water, we cannot use it. There is a need to create more water storage. Over a period of time there has been a resistance to building dams to create water storage. Such protests are misplaced.

Q: These protests are over the likely seismic impact of building dams.

A: As water resources engineers, we feel these protests against the creation of larger reservoirs are all misplaced. Some of our environmentalists or so-called activists not only in India but other countries have misled the people. I don't want to name anybody but there is an entire lobby of environmentalists.

Q: Why do we need only dams as means of water storage?

A: Without big dams or reservoirs whatever prosperity we have been observing around us would not have been possible. The green revolution would not have been possible without Bhakra or other dams. We have already wasted too much water in the irrigation sector in the absence of proper water management. We need to know the use of other systems such as automation of canals. We have to adopt modern water been able to do so far.

Q: We need rain water to fill up water reservoirs or dams. But rainfall pattern has been very encouraging in this regard to ensure a regular flow of water...

A: These reservoirs or dams are site specific. Where there are suitable sites and valleys we can build dams. We have identified numerous such valleys in the country where we can build dams to store water, including the north-eastern states of the country. We have a lot of potential in the north-eastern region for building dams, which will be multipurpose projects. There are potential sites. Because of resistance of the local people and some other reasons these dam projects could not be implemented. Flood control would be a major benefit that would come through these projects, especially ones earmarked on river Brahmaputra.

Q: Do you think interlinking of water has hit a major roadblock in the country?

A: No, this is not the case. The excess water in the dams once they are built needs to be shifted to other dry basins to replenish them, mostly in the western and southern regions of the country. The 30 river-links being identified seek to take the excess water to dry areas. The studies on river linking projects started in 1982. These are time taking tasks. We should not lose hope.

O: There has been an increase in water disputes between states. Do you see any prospects of these being ever resolved?

A: Because of the increase in population and requirements, water disputes have increased. There are many reasons for that, Cauvery is a water-short basin in the south. If there is a cooperative approach, then we can resolve these issues. The CWC has resolved many issues in the past. But once the tribunal has awarded usage practices which we have not a verdict, then all parties much accept it.

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in the

Hindustan Times

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IMD: Monsoon advance unlikely over next week

ANJALIMARAR PUNE, JUNE 15

WITH THE southwest monsoon likely to remain subdued for yet another week, meteorologists are monitoring the situation to figure out what could have led to the "sudden" weakening of an otherwise rapidly advancing monsoon this season.

Under normal conditions, the southwest monsoon, as on June 15, should have covered the entire west and central India regions, reaching and covering most of Gujarat, Madhya Pradesh and some parts of west Uttar Pradesh along with the entire southern peninsular and northeast India regions.

However, this year, since June 11, the Northern Limit of Monsoon (NLM) has remained stagnant along Thane, Ahmednagar, Buldhana, Amravati, Gondia, Titlagarh, Cuttak, Midnapore and Bagdogra.

As of Friday, IMD officials maintained that no further advance of the monsoon was likely over the next week due to continuation of weak monsoon winds.

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Rain brings relief in Punjab, Haryana

Clears blanket of dust haze, sultry weather

PRESS TRUST OF INDIA

Rain in several parts of Punjab and Haryana, including Chandigarh, on Saturday cleared the blanket of dust haze which had covered the region for the past three days, even as flight operations that had been hit due to low visibility have resumed.

The rain started past midnight and washed away the blanket of dust haze that had adversely affected normal life in the two

While several places in Punjab and Haryana were lashed by rain, Chandigarh too received heavy downpour since early Saturday bringing much-needed relief to residents from the dust haze and sultry weather.

Mercury plummets

The mercury plummeted by several notches after the rain, Met Department officials said.

The rain also brought cheers for paddy growers, readying their fields for transplanting paddy. Flight operations at the Chandigarh International Airport,



A man walks through heavy rain in Amritsar on Saturday. *AFP

which had been adversely hit due to low visibility levels caused by dust haze, has resumed, airport officials said.

Most of the flights had to be cancelled during the past two days due to low visibility.

Air quality too had worsened by the dust haze in Punjab, Haryana and Chandigarh during the past three days.

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Five more die in Assam flood

Situation improves in Manipur and Tripura

SPECIAL CORRESPONDENT
GUWAHATI

Five people drowned across three inundated districts of southern Assam's Barak Valley on Sunday, despite a slight improvement in the flood situation. This has taken the death toll in the State, including those killed in landslips to 13 since June 13.

At least 21 others have died in flash floods and landslips in Manipur and Tripura over more than a month.

Officials of the Assam State Disaster Management Authority (ASDMA) said 673



To higher ground: A family sailing on a raft made of banana trunks in Karimganj district of south Assam on Sunday. • PTI

villages have been affected in six districts. Two major rivers, the Brahmaputra and the Barak, and six of their tributaries are flowing above the danger mark at several

"Of the five who died today, three were in Cachar and one each in Karimganj and Hailakandi districts. The number of affected people has increased by 23,122 in the past 24 hours to reach 4,48,495, though the situation has improved a bit," an ASDMA spokesperson said.

National Disaster Res-

ponse Force and State Disaster Response Force teams, engaged in flood-affected areas, rescued 6,153 people in southern Assam. Officials said there are 1,73,245 flood-affected people in 235 relief camps in five of the worst affected districts.

Officials in Manipur and Tripura said the flood situation had improved as the States did not experience much rain in the past 48 hours. But many areas remained cut-off due to land-slips that damaged several roads.

Landslips along highways have cut off some parts of Arunachal Pradesh too. The affected districts include Anjaw, West Kameng and Tawang

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in the

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K'taka can release Cauvery water: HDK

CS Kotteswaran and PTI

■ letters@hindustantimes.com

MADURAI: Karnataka chiefminister HD Kumaraswamy on Friday said he had instructed officials to release 20,000 cusecs from Kabini dam while expressing hope that the state would be able to give Tamil Nadu its share of Cauvery water in June if the monsoon continues to deliver ample rainfall.

Kumaraswamy, who is on a visit to Madurai Meenakshi Amman Temple in Tamil Nadu, said by "god's grace", reservoirs in Karnataka are receiving copious inflows over the past few days.

"Thave instructed irrigation officials to release 20,000 cusecs from the Kabini dam. There is bright chance for good monsoon rains this year... If the monsoon continues like this, we can give Tamil Nadu's share of 10 TMC (Thousand Million Cubic feet) in June as per the Cauvery water sharing authority's order," he said.

The water to be released from Kabini would benefit both sides and farmers in both states would be happy, he said.

Makkal Needhi Maiam founder and actor Kamal Haasan thanked Kumaraswamy for the Karnataka gov-



Karnataka chief minister HD
 Kumaraswamy at the Madurai
 Meenakshi temple on Friday. PTI

ernment's decision to release water from the Kabini dam.

"Expressed my pleasure on the opening of Kabini. Ultimately, even after the Cauvery water management authority starts functioning, only the goodwill between the two states will open many more shut doors," Kamal tweeted.

Kamal Haasan, who had called on Kumaraswamy earlier this month in Bengaluru, discussed the Cauvery issue and pitched for talks to resolve the issue, saying courts were never a solution to the problem of sharing of water of the interstate river.

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Bountiful flow: The Cauvery was in spate at Hogenakkal on Sunday as the water released from the Kabini reservoir in Karnataka reached the Mettur dam. The administration has banned bathing in the falls and coracle operations. *N. BASHKARAN

18/6/18

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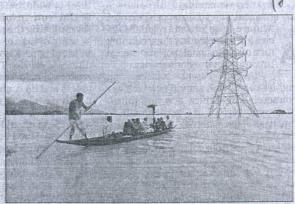
5 drown, toll hits II as flood affects 4.5 lakh in Assam

TIMES NEWS NETWORK

Guwahati/Imphal/Agartala: Five people drowned in the current spate of floods in Assam on Sunday, taking the death toll to 11 in the state since the first wave hit the statefive days ago. Three persons drowned in Cachar district and one each in Hailakandi and Karimganj districts in Barak valley.

Nearly 4.5 lakh people in the state remain affected by the deluge. Districts still reeling under flood are Hojai, Karbi Anglong West, Golaghat, Karimganj, Cachar and Hailakandi. A total of 1,73,245 displaced people are currently sheltered in 481 relief camps in affected districts. According to the Assam State Disaster Management Authority, Karimganj is the worst-hit, with 2,14,808 people affected.

Brahmaputra at Neamatighat in Jorhat district,



Villagers being transported to a safer place from the flood-affected Jamunamukh area in Hojai district, 150km from Guwahati

Dhansiri river at Numaligarh in Golaghat district, Jia Bharali river in Sonitpur district, Kopili river at Kampur in Nagaon, Barak river at AP Ghat and Badarpurghat in Cachar district, Katakhal at Matizuri in Hallakan di district and Kushiyara in Karimganj districts continued to flow above danger mark on Sunday.

Manipur and Tripura governments are continuing with relief efforts. Manipur chief minister NBiren Singh said on Sunday he urged Union home minister Rajnath Singh to extend immediate assistance to those currently living in relief camps in the five valley districts.

16/6/18

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Manipur floods: 6 die, situation worsening

PRESS TRUST OF INDIA IMPHAL, 15 JUNE

More than 1.5 lakh people remained marooned in two flood-hit districts of Manipur as the disaster management department said today that the

situation in the Imphal Valley worsened with the death toll rising to six.

The Relief and Disaster Management in a report said the intensity of flooding has been increasing at Thoubal and Imphal West districts with 1.5 lakh people being marooned.About 12,500 houses have been damaged and 5,200 people moved out of the area, according to latest reports. At least 15,100 people have been provided shelter at 101 relief camps and authorities were ensure essential supplies. The report said the state disaster response force and the state police, with assistance from the Indian Army and the Assam Rifles, were actively undertaking relief and rescue operations in Irong, Maibam, Uchiwa and Kiyamgei areas. Officials said the water level continued to rise in Nambol and Thoubal rivers in Bishnupur and Thoubal districts.Meanwhile, flood waters from state capital Imphal has subsided after breaching an embankment at New Checkon area on Wednesday. The damage to the embankment has been repaired.

Flood fury in Assam: Close to four lake people continued to be marooned on Friday by floods that have hit the state, with the surging waters of many rivers inundating fresh areas affecting both people and agricultural lands.

The Assam State Disaster Management Authority (ASDMA) said a total of 386,570 B'putra Board takes up major project to save Majuli island

GUWAHATI, 15 JUNE

The Brahmaputra Board hastaken up majorprojects in the world's largest river island Majuli to protect it from flood and erosion, a top official has said.

"We are taking up major projects in Majuli. Huge flood protection and erosion protection work," Brahmaputra Board chairman Sanjay Kundu said vesterday at the 60th standing committee meeting of the board here. According to an official release, Kundu said that there are drainage development schemes that are nearly complete and a plan for raised platforms as Northeast is flood-prone and will be very effective. FI

people have been affected in the seven flood hit districts. A total of 668 villages in Hojai, Cachar, Golaghat, Karbi Anglong (East) and West Karbi Anglong districts have been displaced.

In Tripura, the flood situation deteriorated today with the rain-fed Khowai river inundating fresh areas rendering thousands homeless and damaging roads and crops, officials said.

in the

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

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In deep water

T- 16

Conservation key as crisis looms over country

ARCHED Shimla, with serpentine queues of its residents crying for every drop of water earlier this summer; farmers unsustainably pumping deeper from the depleted groundwater table in Punjab; the huge plans to clean polluted rivers coming a cropper: these are just some images from the trailer of the doleful picture in store for us. Most parts of our country are in for a grave water crisis, 21 major cities as soon as 2020, warns the latest report by Niti Aayog. The stress will deepen as the demand - a function of population growth and economic development — is expected to double than the available supply in just around 10 years. Compounding the problem is the fact that 70 per cent of the precious resource is contaminated. Ranked 120 out of 122, we make the tail-end of the countries in water quality index. The escalating impacts of climate change and poor water management are only pushing us in deep water. Most cities lose between a third and a fifth of their water from pilferage or leakage through antiquated pipes, and we don't treat and reuse wastewater enough.

The report is yet again a grim reminder to take strategic and stringent action at once, before our lands and water bodies become too unsustainably dry to reverse the trend. With 50 per cent of the population already facing high-to-extreme water scarcity and about two lakh people dying every year due to water-related problems, ringing the alarm bells alone is not sufficient. Water management — by employing technology and policy intervention — holds the key to water security.

The United Nations World Water Development Report 2018 lays emphasis on nature-based solutions to address the challenges. To naturally replenish the rivers and aquifers, a judicious use of water is essential. For that, there is need to push for public awareness regarding the importance of rainwater harvesting, treatment and reuse of waste water, an efficient irrigation system, and regulation of tubewells, as also prevention of pilferage or leakage through antiquated pipes in our cities. Water woes easily turn into disputes and social strife over water in the long run has the potential of disrupting any treaty and leading to a war. We need to stem any such event from gathering steam by conserving water.

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NE floods: Toll rises to 12 A man rows a temporary bamboo raft carrying villagers from flood-affected areas to relief camps in Tripura on Friday. PII ■The flood situation in ■The situation worsened In Manipur, 1.5 lakh The situation in Triputhe North-East deterioin Assam, Tripura and people were marooned ra also deteriorated rated on Friday, with Manipur as train servicin two flood-hit districts with the rain-fed four more people in es remained suspendas the situation in the Khowai river inundat-Manipur and one in ed and roads were Imphal Valley worsing fresh areas, ren-Tripura losing their washed away. Four lakh ened with the toll rising dering thousands lives, taking the death people have been to six. About 12,500 homeless and damagtoll in the region to 12 affected in Assam houses were damaged ing roads and crops

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Over half a million affected by flood fury in Northeast

CALAMITY Road, rail communication cut off, thousands take shelter in relief camps

Utpal Parashar, Sobhapati Samom & Priyanka Deb Barman

letters@hindustantimes.com

GUWAHATI/IMPHAL/AGARTALA: Heavy rainfall continued to affect normal life across several states in northeast for the fourth consecutive day on Friday.

Over halfamillion people have been affected by the first spate of floods this season in Assam, Manipur, and Tripura. Rainfall has affected road and rail communication and thousands are taking shelter in relief camps.

In Assam, the total number of affected villages in seven districts — Hojai, Karbi Anglong East, Karbi Anglong West, Golaghat, Hailakandi, Karimganj, Cachar —increased from 370 on Thursday to 668 on Friday.

There was no report on loss of human life in the past 24 hours. Flood waters have affected over 3.86 lakh people in the state and over 67,000 displaced people are taking shelter in 178 relief camps.

Nearly 1,500 houses have been partially or completely damaged and a total crop area of 1,912 hectares affected. Nearly 500 stranded villagers have been evacuated by rescueteams.

The Dhansiri, Jia Bharali, Kopili, Barak, Katakhat and Kushiyarariversflowed over the



Villagers look on as a part of an embankment is washed away by flood waters at Nam Doboka village in
 Hojai district of Assam on Friday.

danger mark at seven places.

Northeast Frontier Railway said 13 trains in the region have been cancelled, partially cancelled, or short terminated due to flood waters and landslides affecting rail tracks.

In Manipur, the situation continued to remain grim as flood waters submerged a large area of habitations in five districts in Imphal Valley. One more flood-

related death was reported in the state on Friday, taking the total to six. Relief and rescue operations were on. Disaster response force and other security personnel tried to repair the breached imphal river banks at Chajing-Karam and Mayang Imphal areas, both in Imphal West.

Six of the total 16 districts in the state continued to remain affected by floods. Over 1.5 lakh people in 150 villages have been affected and 15,100 displaced residents are taking shelter in 101 relief camps. In Tripura 8,890 families comprising 38,116 people are still sheltered at 173 camps, a report of the State Emergency Control Centre said on Friday.

Three deaths have been recorded in the monsoon rain that triggered floods since June11.

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

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Flood alert as Ka

BENGALURU: Heavy inflows to the dams across the state due to heavy showers continued on Thursday also.

With huge inflow to the Kabini dam across River Kapila in HD Kote taluk, Mysuru district, flood warning has been issued and around 15,000 cusecs was released into the river on Thursday.

With heavy showers lashing Wyanad in Kerala and the catchment area of the river, the inflow has been increasing considerably. The Kabini reservoir is inching closer to the maximum level. There are possibilities of the authorities deciding to open the crest gates of the dam to release more water into the river, as a precautionary measure, in view of the safety of the dam.

The current water level (June 14) of Kabini dam is 2,279.08 ft against the maximum level of 2,284 ft. The inflow was 35,000 cusees and outflow 15,000 cusees. The water level in the dam went up by six feet in 48 hours.

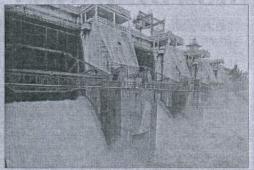
With good inflow to the KRS reservoir, the water level has crossed the 90-feet mark and stood at 90.80 feet on Thursday. The water level has increased by 10.1 feet in 72 hours. The inflow into the dam on June 14 was 28,383 cusecs and outflow 344 cusecs.

Bhagamandala, the famous religious destination in Kodagu, is inundated following heavy rains for the last two days. On Thursday, floodwater reached the steps of the Bhagandeshwara temple.

Road connectivity to Tala-cauvery, Napoklu and Ayyan-geri has been cut off as the roads are submerged.

Tourists bound for Brahmagiri at Talacauvery have been advised not to visit the spot as heavy rain, coupled with gusty winds, is lashing the region. Boats have been arranged for ferrying devotees to the temple. Fire and emergency service personnel are stationed there.

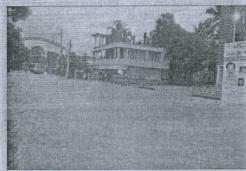
Another landslide occurred near Makutta on the highway, connecting to Kerala, There have been 25 landslides in the last 24 hours. The work on clearing the debris is on.





Water gushes out of the Kabini dam in HD Kote taluk, Mysuru district, on Thursday. (Right) Devotees take the boat to reach the Bhagandeshwara temple in Bhagamandala, Kodagu district. DEPHOTOS





After heavy rains, the water on the Rabindranath Tagore beach in Karwar has turned black, causing concern among environmentalists. But scientists say there's no cause for concern as it is the material floating, following the desilting done last year and the ash of the grass set on fire by residents. (Right) Heavy showers flood a road in Belthangady, Dakshina Kannada district on Thursday, DH PHOTOS

ed through the alternative route of Gonikoppa-Ponnampet-Srimangala-Kutta.

Water in River Cauvery is crossing the danger mark in Virajpet. The people residing in the proximity have been advised to move to safer places. The district administration or dered for the closure of schools

and colleges on Thursday.
With Hassan and Sakleshpur taluks receiving heavy rains, the water level of Hemayathy dam at Gorur was 2,894.25 feet against the maximum of 2,922 feet, on Thursday. The inflow to the dam was 37,479 cusecs and outflow 200 cusecs. As the inflow to the Tungabhadra reservoir in Hosapete taluk has increased. the dam has received over two tmcof water in a single day.

On Wednesday, the inflow recorded was 5.31 tmc. How-ever, on Thursday, the water level recorded was 7.75 tmc; thereby adding 28,367 cusecs

Landslides hit rail traffic again

Landslides were reported again near Yedakumeri on the Sakleshpur-Mangaluru rail route on Thursday, obstructing railway and road services

Gommateshwara Express that was bound for Mangaluru from Bengaluru had to be stopped midway, causing inconvenience to the passengers. The train had reached Kadagarahalli on Thursday afternoon, when information came about the land slip on the railway track near Yedakumeri. The train was stopped there for four hours. As the clearing of the route got delayed, the train returned to the Sakleshpur station in the reverse direction. Railway authorities made alternative arrangements for pass gers in KSRTC buses for their onward journey. The Mangaluru-Yeshwantpur passenger train was also stopped near Subramanya station. The intensity of rain was less in the Sakleshpur region on Thursday.

6,878 cusecs. The cause for the copious inflow is that Shimoga's Tunga dam is full and wathe cross gates. Also ample the evening. It intensified later

inflow on Wednesday was catchmentareas, had resulted in an increased inflow into the Tungabhadra reservoir. There was drizzling in Hosapete city ter is being released through and other parts of the taluk in

Krishnamurthy has declared holiday for all schools in Put-tur taluk, Dakshina Kannada district, following heavy rainfall. Belthangady and Sullia tahsildars, too, have declared holiday for schools in their respective jurisdictions, following copious rainfall.

Heavyrain battered Dakshina Kannada at many places Belthangady, Sullia and Puttur taluks received heavy showers. Motorists faced inconvenience as water flooded roads. Vehicles had to negotiate kneedeep water in Guruvavanakere of Belthangady. Heavy rain was reported in Siddapur taluk of Uttara Kannada district.

Arecanut plantations, gin-ger and paddy seedlings were vashed away in villages of in Hosanagara taluk, Shivamogga district, following heavy rain. Houses were damaged following landslides at Yaave village. Agriculture fields were flooded as ranks breached.

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.

Toll rises to 8 in Assam; 21 dead in Manipur & Tripura

SPECIAL CORRESPONDENT **GUWAHATI**

Four people drowned and another died in a landslip on Saturday, taking the death toll in the first wave of flood and rainfall-induced landslides in Assam to eight since Wednesday.

At least 21 others have died in flash floods and landslides in Manipur and Tripura over more than a month.

Officials of the Assam State Disaster Management Authority said two people in Cachar district and one each in Hailakandi and Hojai districts lost their lives in the flood that has affected 4, 25,373 people across seven districts.

Almost half of the affected people are in Hailakandi, where many Muslims offered



In deep trouble: A woman moves to safety on a bamboo raft carrying food and water through a flooded street in Kailashahar, Tripura. •PTI

their Id prayers on rooftops. personnel rescued 316 ma-Of the district's 331 villages, 231 are under flood waters, with rivers such as the Katakhal, the Dholeswari and the Barak flowing above the danger mark.

"We have opened 87 relief camps accommodating 54,364 flood-affected people and disaster response force

rooned people," Hailakandi Deputy Commissioner Adil Khan said. The authorities in the other six districts have set up 104 relief camps where 45,646 people have moved in.

Officials in Dima Hasao district said rainfall triggered landslide at Mahur, Harangajao and Maibang killing one person and destroying 114 houses. Train services remain affected on the Lumding-Badarpur hill section.

Fresh landslides in Dharmanagar area of Tripura have also cut off Tripura from the rest of the country. The railway and highway to the landlocked State pass through this area.

Tripura Chief Minister Biplab Kumar Deb visited the flood-affected Udaipur area and held meetings with officials for providing relief in flood-affected areas. At least 200 workers of the National Disaster Response Force have been flown in to the State for rescue operations in Unakoti, South Triprua and West Tripura districts, where more than one million people have been affected.

NH cave-ins

Two National Highways - 37 and 2 - which link Manipur to Assam and Myanmar respectively have caved in along the mountain areas, blocking heavy vehicle traffic for the past three days.

Meanwhile fresh areas at Mayang Imphal, Uchiwa and other villages have been inundated by the flood waters. However, the situation in and around Imphal has improved.

Hindustan Times Statesman The Times of India (N.D.) Indian Express 1 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)

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Flood toll in Assam rises to 7

EXPRESS NEWS SERVICE GUWAHATI, JUNE 16

FOUR PEOPLE were killed due to flood-related causes in Assam, officials said on Saturday, even as the situation remained grim with over 4 lakh people affected.

The number of people killed in the state in the last four days due to floods and rainfall-triggered landslides went up to seven.

Saturday's flood report said that three people - two in Cachar district and one in Hojai - drowned while the body of one person crushed in a landslide in Dima Hasao district was recovered. Over 1 lakh people are staying in 213 relief camps in six districts, according to the day's report.

Situation improves in three states

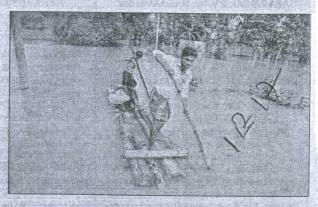
The death toll in the northeastern region has reached 17, officials said.

Although the situation improved marginally in Tripura and Mizoram in the past 24 hours, one more person died in Manipur from flood-related incidents. The intensity of rainfall decreased in Imphal Saturday.

The flood situation has slightly improved in Tripura even as over 40,000 people continue to remain stranded in 189 relief camps, the sources said.

The situation improved in Mizoram Saturday with the water level of river Tlawng and Langkaih dropping, officials said.

-WITH PTI INPUTS



A villager on a makeshift raft in the flood-affected district of Hojai in Assam on Saturday. PIT

Monsoon death toll reaches 53 in Kerala

PRESSTRUST OF INDIA THIRUVANANTHAPURAM/KOZ HIKODE, JUNE 16

WITH THE recovery of bodies of four more victims of a landslide, the toll rose to 53 Saturday in rain-related incidents in Kerala since the onset of the South West monsoon late last month.

The bodies - including that of two children - were recovered from under the rubble at Kattipara in Kozhikode district. two days after the landslide occurred, official sources said.

The toll in the landslide incident alone has gone up to 12.

State minister T P Ramakrishnan, who visited

Kattipara, said the government would extend help to the victims for re-construction houses and purchase of land.

More than 25,000 people affected by the incessant rains had been shifted to relief camps set up in different parts of the state, official sources said.

Traffic remained disrupted on the Thamarassery road connecting Kozhikode-Waynad and the work on clearing of debris was still on.

Chief Minister Pinarayi Vijayan asked his Karnataka counterpart HD Kumaraswamy to repair the damaged Perumbadi-Makkudam road in the Thalassery-Mysore interstate road, traffic on which has been banned.

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

in the

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

Some parts of north and northeast India got some breather from hot weather conditions after it rained on Sunday, while the flood situation in Assam deteriorated further, affecting more than 4.5 lakh people.

The weather departmenthas predicted rain and thunderstorm late on Sunday night in Delhi and its adjoining areas.

In Delhi, the maximum temperature settled at 36.8°C and the minimum was recorded at 28.4°C. The humidity level oscillated between 42 and 71 per cent.

Mercury dropped sharply across Punjab and Haryana after the region was lashed by rain. Chandigarh, which received rain in the morning. recorded a maximum temperature of 30.7°C, seven notches below normal.

In Haryana, Ambala recorded a high of 30°C and Karnal's maximum settled at 27.5°C, 10



Villagers carry potable water in the flood-affected Nilambazar village in Karimganj, Assam. PTI

notches below normal. In Punjab, Ludhiana and Patiala recorded maximum temperatures of 29.9°C and 29.4°C after heavy downpour.

The weather department has predicted thunderstorm with light rain at isolated places in the state.

storm, accompanied with gusty winds, are very likely at isolated places in Uttar Pradesh on Monday.

For tomorrow, the IMD has predicted "heavy to very heavy rain" at a few places in Konkan, Goa and coastal

Thunderstorm or dust Karnataka and heavy rain in parts of the sub-Himalayan West Bengal, Sikkim, central Maharashtra and Kerala.

"Thunderstorm accompanied with squall are very likely at isolated places over Punjab while thunderstorm accompanied with gusty

winds and lightning are very likely at isolated places over Jammu & Kashmir and Himachal Pradesh, Haryana, Chandigarh, Delhi and Marathawada," the IMD said.

The flood situation in Assam continued to deteriorate with five more persons losing their lives since Saturday. More than 4.5 lakh people have been affected in the deluge across six districts.

According to the Assam State Disaster Management Authority (ASDMA), five persons lost their lives in flood-related incidents in three districts. With this, the death toll has climbed to 12 in the first wave of flood in Assam this year.

The ASDMA said over 4.48 lakh people have been affected in Hojai, Karbi Anglong West, Golaghat, Karimganj, Hailakandi and Cachar districts. Till Saturday, 4.25 lakh people were affected across seven districts in Assam. — PTI

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)

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

Western disturbance to the rescue

Weather likely to improve in north India over the next 24 hours with fresh thundershowers

VIKAS VASUDEVA CHANDIGARH

Dusty weather conditions continued to prevail across parts of Punjab, Haryana and Chandigarh on Friday even as the weather department said the situation is likely to improve over the next 24 hours as a fresh western disturbance approaching the region is expected to bring in rain.

Owing to low visibility, as many as 26 domestic flights were suspended at the Chandigarh international airport.

According to India Meteorological Department, strong dusty winds are likely to continue across Punjab, Haryana and Chandigarh over the next 24 hours. The density of dust in the atmosphere is likely to decrease from Friday evening, with thundershowers expected over parts of northwest India. The key reason particles in the atmosphere



Blurred horizon: A road leading to the airport in Mohali on Friday. Low visibility has led to suspension of several flights at the Chandigarh international airport, • AKHILESH KUMAR

for the dusty weather has in most parts of Punjab, Habeen the prevalence of west and south-western strong surface winds travelling from Rajasthan.

Strong winds

"The winds have resulted in increase in levels of coarse

ryana and Chandigarh. The situation is likely to continue over the next 24 hours and would dissipate afterwards as a fresh western disturbance is approaching, which will affect parts of north India from June 15 evening onwards," said Surinder Pal, Director of IMD, Chandigarh.

Mr. Pal said light to moderate thunderstorm and rain is likely to occur from late Friday in the north-eastern parts of Punjab including Amritsar, Gurdaspur, Hoshiarpur, Jalandhar, Pathankot and adjoining areas and northern parts of Haryana, including Panchkula, Ambala, Yamunanagar, Kaithal including Chandigarh.

Rain relief

"The rain will increase in intensity and distribution and will cover most parts of Punjab and Haryana from June 15 to 18. Also, strong surface winds are expected in some parts of Punjab and Haryana during this period," he added.

Meanwhile, the Punjab Pollution Control Board has said that the situation is alarming as the air quality has deteriorated due to the haze. "The air quality index is alarmingly high in many cities of Punjab due to dust... Schools should be shut, children and old aged people should avoid going out as the weather condition could adversely impact their health," Chief Environmental Engineer Krunesh Garg said.

Hindustan Times Statesman

The Times of India (N.D.)
Indian Express

Tribune

Hindustan (Hindi)

Nav Bharat Times (Hindi) Punjab Keshari (Hindi)

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Residents leave a flooded village after heavy rain in Baldakhal village on the outskirts of Agartala on Friday. Abhisek Saha

NORTHEAST FLOOD TOLL RISES TO 12

The flood situation in the Northeast deteriorated on Friday, with deaths of four more people in Manipur and one in Tripura taking the toll to 12.

■ The situation worsened in Assam, Tripura and Manipur as train services remained suspended on some routes and roads were washed away. ■ Nearly 4 lakh people have been affected in seven districts of Assam. In Manipur, over 1.5 lakh people were marooned in two flood-hit districts.

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

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समय से पहले पहुंचने के बावजूद पैटर्न कमजोर होने से मानसून ठिठका, छह-सात दिन आगे बढ़ने की उम्मीद नहीं

दक्षिण-पश्चिम मानसून की रफ्तार थमी



नई दिल्ली एजेंसी

केरल के तटीय क्षेत्र और मुंबई में समय से पहले पहुंचने के ब्राद दक्षिण पश्चिम मानसून कमजोर पड़ गया है। ऐसे में अगले छह-सात दिन तक उसके आगे बढ़ने की उम्मीद नहीं है।

मौसम विभाग के शनिवार को जारी पूवानुमान में कहा गया है कि मानसून का पैटर्न कमजोर बने हक के कारण अगन्य कह- सात दिन तक दक्षिण-पश्चिम मानसून के अगो बढ़ने की संभावना नहीं है। अभी मानुसन (पश्चिम से पूर्व) ठाणे और मुंबई, अहमदनार, बुलढाणा, अमगवती, गाँदिया, टीट्लागढ़, कर प्रमुख मिदनापुर, पो अलगाग और बागडीगय तक पहुँ चा है। इस बार मानसून समय से पहले 29 मई को ही केरल तट पर पहुँच गया था। इसके बाद दिशण भारत और मुंबई में भारी बारिश हुई। मुंबई में भी यह समय से एक्ले पहुँचा था।

समय से पहले पहुँचा था। पिछले चार-पांच दिनों में इसकी प्रगति कुछ सुस्त रही है। मीसम विभाग के अनुसार, 1 से 16 जून के बीच देश पर में औसतन 72.4 मिलीमीटर थारिश हुई हैं, जो इसी अवधि के दीघांवाध अीसत (67.1 मिलीमीटर) से आठ प्रतिशत अधिक है।



पूर्वीतर में बाढ़ से हालात काफी गंभीर हो चुके हैं। असम के होजाई जिले में शनिवार को बाढ़ में सड़क हुब जाने से फसे ग्रामीण। ●Þ;

पूर्वोत्तर में बाढ़ से स्थिति गंभीर, 4 लोगों की मौत

गुवाहाटी/ इंफाल/अगरतला एजेंसी

असम सहित पूर्वोत्तर के विधिन्न राज्यों में बाढ़ की स्थित शानिवार को बदतर हो गई। असम और मणिपुर में चार और लोगों की मौत के साथ की पूर्वोत्तर में बाइ संबंधी घटनाओं साथ की पूर्वोत्तर में बाइ संबंधी घटनाओं की संख्या 17 हो गई है।

असम राज्य आपदा प्रबंधन प्राधिकरण

(एएसडीएमए) के मुताबिक, राज्य में पिछले 24 घंटे में बाढ़ और भूस्खलन से तीन की मौत ही गई।

एएसडीएमए ने बताबा कि असम के होजाई, कबीं आंगलांग पूर्व, कबीं आंगलांग पश्चिम, गोलाबाट, करीमपंज, हैलाबडी और कछाराज्य में बाढ़ से 4.25 लाख से ज्वादा लोग प्रभावित हुए हैं। 716 गांव बाढ़ की चपेट में हैं और 3, 292 हैं स्टेयर फसल कबाँद हो गई हैं। राहत एवं आपदा प्रबंधन विभाग हार्य जागी एक रिपोर्ट में बताया गया है कि मणिपुर के ईफाल वेस्ट जिले में उफारती नदी में डूबने से एक मळुआरे की मीत हो गई।

मञ्जुआर का मात हा पड़ा त्रिपुरा में बाद के चलते 189 सहत शिक्षिरों में अब भी 40 हजार से ज्यादा लोग फंसे हुए हैं।

बाढ़ प्रभावित क्षेत्रों में सेना जुटी

तिमुस में बाद से बुरी तरह प्रभावित केलाशहर सबंदिवीजन में भारतीय वायु सेना के वी हैलीकॉटरों को खाना, पानी, दवाइयां आदि लेकर पहले ही भेजा जा चुका है। यहां बाद के ज्ञतते 21,000 लोग बेंकर हो गए। चक्रवर्ती ने बताया, राष्ट्रीय आण्दा मोचन बल उसम राहफ्टल के प्रभियों को बाद रहत कार्यों में लगाया सब है।

आफत

अडिशा में गर्मी का कहर नई दिल्ली। भूवनेश्वर । ओडिशा, पश्चिम बंगाल, बिहार, हारखंड के ज्यादातर हिस्सों में दिन का वापमान सामान्य से अधिक रिकोर्ड किया गया । ब्रह्मर के गया में सबसे अधिक 43.5 डिग्री सोल्स्यस वापमान दर्ज किया गया । सिल्कान, गुणी, म्या प्रदेश, इत्तीसगढ़ और गुजरात के कुछ हिस्सों में पारा सामान्य से अखिक रहा। ओडिशा सरकार ने गर्मी से स्कूलों में ग्रीमकार्जाना असकाश बढ़ा दिया है।

राहत

पंजाब, हिर्साणा में धुंध घटी चंडीगढ़ और पंजाब पत हरियाणा के कई हिस्सों में शांग्वार को बारिस होने से लोगों के राहत मिली। पिछले तीन दिन से छाई घूल भरी चुंच भी छट गई और कम दूरपता की वजह से प्रभातित हुई उड़ानें में गुरू हों गई। मीसम विभाग के अधिकारियों ने बताया कि बारिश के बाद वापमान में कई डिग्री सेटिससस की गिरावट दर्ज की गई।

आसार

ट्यूपी-विहार में आज बारिश मोसम विभाग के मुताबिक अगले 24 चंद्र से उत्तर प्रदेश, उत्तरावंड, बिवार हिंसाणा, चंडीगढ़, दिल्ली पंजाब, हिंसाचल और कम्मू के कई इलाकों में तंज हवा के साथ बारिश होने के आसार हैं। अंडमान निकोबार द्वीप समुद्र, अरुणावल, असम, मेपालय, चित्रविक, उत्तरावंड, कोकण, उत्तरी आंतरिक तीमलनावु, और गोवा में भी

Covering L., YIS

भारत सरकार

Government of India केन्द्रीय ज़ल आयोग

Central Water Commission बाढ़ पूर्वानुमान प्रबोधन निदेशालय

Flood Forecast Monitoring Directorate

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e-mail: fmdte@nic.in, ffmcwc@gmail.com

Room No. 208(S), Sewa Bhawan, R.K. Puram, New Delhi-110066.

की समाचार की कतरन (News Clippings) प्रस्तुत करने के सम्बन्ध में ।

मानसून/ बाढ़ राम्बन्धी सनाचारों की कतरन (News Clippings) अवलोकन हेतु प्रस्तुत हैं :

सलंबन : उपरोक्तानुसार

(सहायक निदेशक)

निदेशक (बार्प.प्.) २ (० २६ - ६) १४ (०६ | २०५ ४) कृपया केन्द्रीय जल आयोग की वेब साईट पर अपलोड करने की व्यवस्था करें।

12 nee . 18 (6) 18

न्हों । विज्ञांश्रेरितत समाचार पत्र में प्रकाशित माजसूज/ बाद सम्बन्धी समाज

Mindustan Times (Delhi) সমগাংন ভাইন্ডা (হিন্তা) The Tribune (Chandigarh) The Hindu (Chennai)

The Assam Tribune (Guwahati) The Times of India (Mumbai) The Telegraph (Kolkata) हिन्दुस्तान (पटना)

The Deccan Hearld (Bengluru) The Deccan Chronical (Hyderabad) Central Chronical (Bhopal)



taking the total number of deaths to nine. All the casualties took place in Barak Valley region — three in Cachar and one each in Hailakandi and Karimganj districts. The number of affected districts came down to six — Karbi Anglong West, Hojai, six — Karor Angiong West, Hojal, Golaghat, Hailakandi, Karimganj and Cachar — from seven and the number of flood-submerged villages stood at 673. According to state disaster management authority, over 4.48 lakh people are affected and more than 1.73 lakh displaced are taking shelter in 481 relief camps.

Isro gives its approval for

have lost intere a Ballygunge P

Minor girl 'ra by labourer i

allegedly rape urer in Nirmal police official: incident occu the district or officers fam said. The ac Pravin Kum playing ne isolated pl and allege murdered on the co

Poison panic : PUDUC snake

The Hindu (Chennai Te Tribune (Chandigarh)

Water level in dams up, situation still grim June last year was 28 per

A mother offers sweet water to her child at the Golden Temple on the marty-

VIJAY MOHAN RIBUNE NEWS SERVICE

to advocates

represent him.

not to

CHANDIGARH, JUNE 17

Bhakra Dam witnessed an increase of 4 per cent in the water availability over the past week, but the water level is still 60 per cent below normal for this time of the year.

After hitting a 14-year low of 6 per cent in May because of reduced inflows due to weather vagaries, the storage at present has risen to 10 per cent of the reservoir's total capacity.

According to the Central Water Commission (CWC) that monitors water levels in important reservoirs across the country, over 0.25

DEMAND-SUPPLY GAP YET TO BE BRIDGED

Guru Arjan Dev in Amritsar on Sunday, PHOTO: VISHAL KUMAR

Bhakra Dam witnessed an increase of 4 per cent in the water availability over the past week, but the water level is still 60 per cent below normal for this time of the year

ribyne, 18/6/18



At Thein Dam, which lies on the Ravi in Punjab, the current storage is 31 per cent, up from 25 per cent last week. It was 60 per cent for this period last year

billion cubic metres (BCM) of water has flowed over the past week into the Gobind Sagar reservoir at the Bhakra Dam, which lies on the Sutlej in Himachal Pradesh.

Melting of snow in the upper Himalayas accounts for 90 per cent of the dam's feed.

The reservoir's total capacity is 6.229 BCM and Bkakra Dam plays a critical role in irrigation as well as hydropower generation in the region. The storage at the dam in midcent, while the average storage for the past 10 years has been 27 per cent for this period. At Thein Dam, which lies on the Ravi in Punjab, the current storage is 31 per cent, up from 25 per cent last week. It was 60 per cent for this period last year.

This dam too has significant hydropower generation capacity. At nine per cent, the storage at Pong Dam on the Beas is much lower than the 10-year average of 21 per cent. Unlike Bhakra, rain is an important source of water for this dam.

While pre-monsoon rains were severely deficient in the region, precipitation this month was well above normal. According to officials of the Bhakra Beas Management Board (BBMB), the inflow into Gobind Sagar over the week was averaging about 27,300 cusecs, while the outflow was 24,800.

was not bothered and

complaints". - PTI

"This is a welcome reversal in the situation when the inflow varied between 8,000 and 13,000 cusecs and the outflow was about 23,000 cusecs last month to meet demands, but the situation is still not good," a BBMB official said. The demand from BBMB member states of Puniab. Haryana and Rajasthan is expected to go up further due to the sowing season.

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CHAIRCH OU MINO are our own, and I will not leave the celebrations on Red Road and go anywhere on Eid day." The meeting will be chaired by Prime Minister Narendra Modi

According to the election model launched then, members aged between 18 and 35 elected a five-member committee in each booth. These booth-level commit-

Toll up to 53 in Kerala, 7 N-E districts flooded

Press Trust of India

letters@hindustantimes.com

THIRUVANANTHAPURAM/KOZHIK-ODE: With the recovery of bodies of four more victims of a landslide, the toll rose to 53 on Saturday in rain related incidents in Kerala since the onset of the south west monsoon late last month.

State minister TP Ramakrishnan, who visited Kattipara, where the landslide occurred, said the government would extend help to the victims for rebuilding homes and purchase of land.

More than 25,000 people affected by the incessant rain in the state have been shifted to relief camps set up in different parts of the state, officials said.

Meanwhile, chief minister Pinarayi Vijayan asked his Karnataka counterpart HD Kumaraswamy to repair the damaged Perumbadi-Makkudam road in the Thalassery-Mysore interstate road, traffic on which has been banned. Authorities issued an alert with the water level in Peppara dam in Thiruvananthapuram district touching 107.20 meters against its maximum of 107.5 metres.

N-ESTILL FLOODED

GUWAHATI: The flood situation in the seven affected districts of Assam continued to remain grim on Saturday with more areas getting submerged. Three deaths were reported taking the total number of deaths in the first spate offloods this season to six.

Details given by state disaster management authority revealed that over 4.25 lakh people are affected in 716 villages.

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MINDU

CHENNA

Waters recede, over 6 lakh affected in NE floods

More than 1,800 rescued in Assam, Manipur and Tripura

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Water level in the flood-affected areas of northeastern States receded on Friday but more than 6 lakh people continued to be affected.

There were no reports of any casualty on Friday after rain-induced flash floods and landslides killed 12 people across Assam, Manipur and Tripura over the past two days. Assam has been the worst affected.

Seven districts hit

Officials of Assam State Disaster Management Authority (ASDMA) said the first wave of flood in the State affected seven districts, including all three - Cachar, Hailakandi and Karimganj - in southern Assam's Barak Valley.

"In three days, 668 villages have been submerged in seven districts and 3,86,570 people have been affected. While 325 houses have been damaged in flood, 136 houses have been destroyed in the hills of Dima Hasao district," an ASDMA officer

Five rivers, including the Barak and the Kushiyara, were flowing above the dan-

National Disaster Response Force, State Disaster Response Force and Assam Rifles teams have rescued 471 people, while 67,175 people have taken refuge in 162 relief camps, officials said.

Ferry services in the Barak Valley and train services on the Lumding-Badarpur hill section in Assam have

been suspended, affecting train services to Tripura.

In Manipur, more than 1, 50,000 people have been affected by flood in the Imphal Valley, while an arterial highway remained cut off due to landslide.

A total of 430 persons have so far been evacuated from flood-affected areas of Manipur and more than 950 rescued in Tripura by Assam Rifles and Army personnel, a Defence statement said on Friday.

More than 2,000 people are being sheltered at relief camps in Tripura.

Landslides have been reported from Arunachal Pradesh and Meghalaya too, but officials said there have been no loss of human lives.

(With IANS inputs)

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Tribane, Chenhai, 16/6/18 SATURDAY, JUNE 16, 2018

SATURDAY, JUNE 16, 2018

Surge in inflow into Kabini, Tungabhadra reservoirs

Water level in Mysuru reservoir is now at 2,280 feet

SPECIAL CORRESPONDENT MYSURU/BALLARI

The crest gates of the Kabini reservoir in Mysuru district, which were opened late on Thursday, saw a surge in the outflow since the early hours of Friday.

This is the first time in the recent years that the water level in the reservoir is hovering at 2,280 feet as early as the second week of June.

In north Karnataka too, with copious rain, for the first time in recent years, the Tungabhadra reservoir at Hosapete has been getting good inflow, which is rare for June.

This has raised the hopes of farmers in the Tungabhadra Command Area of early release of water for cultiva-



With the authorities stepping up the discharge, there is a surge in the outflow from the Kabini dam. • M.A.SRIRAM

tion. At the Kabini reservoir in southern Karnataka, the outflow, which was at the rate of around 16,200 cusecs at 6 a.m. on Friday, was stepped up to around 36,000 cusecs by 10 a.m., thanks to increase in the volume of water flowing into

the reservoir in view of copious rain in the catchment

On Friday, the inflow into the Tungabhadra reservoir was at around 48,410 cusecs, taking the reservoir level to 1,592.57 feet as against the FRL of 1,633 feet.

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LE CHICK WINESanstances, request you to ter Jayalalithaa to the Bill were that certain clauses encroached upon the powers of the State governments and also on the rights conshould be re-examined and "should not be proceeded with in haste, without considering the objections raised by Tamil Nadu," Mr. Palaniswami pointed out.

Water sharing will be smooth thanks to good rain, says Kumaraswamy

'20,000 cusecs already released from the Kabini reservoir since Thursday night'

STAFF REPORTER MADURAL

Karnataka Chief Minister H.D. Kumaraswamy on Friday expressed the hope that there would be no difficulties in sharing Cauvery water with Tamil Nadu this year, thanks to bountiful rain in Karnataka.

Speaking to mediapersons during his visit to the Meenakshi Sundareswarar temple, he said, "By God's grace, we are getting good rain. I think there will be no problem in the sharing of water this year."

He said that as per his directions, water was already being released from the Ka-



Karnataka Chief Minister H.D. Kumaraswamy at the Meenakshi Sundareswarar temple on Friday. *S. JAMES

bini reservoir to Tamil Nadu. "I think about 20,000 cusecs of water has been released since Thursday night. With

the same level of inflow expected in our dams for another three to four days, the release of water to Tamil Nadu will continue," Mr. Kumaraswamy said.

"Farmers from both the States will be happy this year," he added.

On Kaala controversy

On the opposition being faced by Rajinikanth-starrer Kaala in the neighbouring State, he pointed out that there was no ban from the Karnataka government.

He said that though some organisations had opposed the release of the film, the issue had since been sorted out and the film had hit the screens in many cinemas.

When asked whether actor and Makkal Needhi Maiam leader Kamal Haasan's recent meeting with him was politically significant, he said Mr. Haasan had only discussed the Cauvery issue with him and explained to him the problems that Tamil Nadu's farmers would face if adequate water was not released.

Mr. Kumaraswamy flew down to Madurai in the afternoon and offered prayers at the Meenakshi Sundareswarar temple in the evening. He left the city by a special flight on Friday night.

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Kailasahar, 156km north of Agartala. Tripura's rivers are in spate. forcing nearly 40,000 flood-affected people to take shelter in relief camps. Other northeastern states are also reeling under heavy rain and landslides. (AFP)

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das Athawaie, who heads his own faction of the Republican Party of India, said he would also visit the village to meet the victims and their families.

Mildalemen were now spreading lies that money was not safe in digital transactions and it was a conspiracy to send money directly to bank marketing and uprooted middlemen... middlemen are going to create trouble... They will keep abusing from whichever platform they get but we have to take our nation to the forefront of the world. Narendra Modi, PRIME MINISTER

NE floods: Toll rises to 12



A man rows a temporary bamboo raft carrying villagers from flood-affected areas to relief camps in Tripura on Friday. PTI

- The flood situation in the North-East deteriorated on Friday, with four more people in Manipur and one in Tripura losing their lives, taking the death toll in the region to 12
- The situation worsened in Assam, Tripura and Manipur as train services remained suspended and roads were washed away. Four lakh people have been affected in Assam

- In Manipur, 1.5 lakh people were marooned in two flood-hit districts as the situation in the Imphal Valley worsened with the toll rising to six. About 12,500 houses were damaged
- The situation in Tripura also deteriorated with the rain-fed Khowai river inundating fresh areas, rendering thousands homeless and damaging roads and crops

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VAHATI, THURSDAY, JUNE 14, 2018, Pages 16+8

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ASSAM TRIBONE, 14/6

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FIRST WAVE: Floodwaters flowing over NH 37 in Bokakhat subdivision on Wednesday. Altogether 222 villages in six districts are already submerged by the season's first wave of floods, affecting nearly 1.5 lakh people. - UB Photos (Reports on page 9)

The Assam Tribune (Guwahati) The Times of India (Mumbai) The Telegraph (Kolkata) हिन्द्स्तान (पटना)

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in Barak Valley

STAFF CORRESPONDENT

SILCHAR, June 13: Incessant rains over the past few days have inundated vast areas of Barak Valley. The major rivers in Karimganj district, including Longai, Singla and Kushiara are overflowing and have damaged standing crops across the district, especially in Patherkandi constituency.

According to sources from the Water Resources Department, in Karimganj, Longai river was flowing above the dan-

Flood has taken a serious turn in Karimganj. Around 100 villages with over 50,000 people have been affected so far. MLA of Patherkandi, Krishnendu Paul has visited the affected areas. In order to provide relief to the affected people around 50 relief camps have been opened so far. With water flowing at least four-feet above the embankments, the overall situation is unprecedented across the district. We are taking all possible measures to prevent further damage," said Karimganj Deputy Commissioner Fradip Kumar Talukdar.

In Cachar, water level of Barak river is rising. According to sources, water level at the Annapurna Gauge Station has been recorded at 19.38 metre causing a concern for the people living in the area.

Hailakandi Correspondent adds: Following a breach in the embankment at Tasla, Nimaichandpur is under a serious threat of flood.

Katakhal river has been in spate following a torrential rainfall in the catchment areas for the past couple of days.

Eight villages have been fully affected by flood waters.

The breach at the Tasla embankment has affected Nimaichandpur, Nityanandapur, Sudarshanpur and Bandukmara.

Surface communication has been snapped between Sudarshanpur Part III to Nityanandapur as the approach road of the bridge near Kalacherra has been washed away. The road has been inundated by surging waters.

Executive Engineer, PWD (Rural Roads), Hailakandi Division, RA Choudhury disclosed that a huge stretch of the NH has been submerged. "Altogether 9 PWD roads have been submerged in the district, and we are taking steps to repair them," he said while sharing information on the gravity of the situation with this correspondent.

Officials of the district administration and heads of concerned departments are camping in the affected areas overseeing the relief operations. Additional SDRF teams have been pressed into service for rescue operations. Even Assam Rifles has been kept on standby to deal with the situation.

Two rubber boats from the SDRF have been pressed into service at Katlicherra and Lala. Four more boats from NDRF

Deputy Commissioner, Adil Khan said the administration will leave no stone unturned in ensuring safety and security of the people and in carrying out relief and rehabilitation operations in the floodhit areas.

Health and Family Welfare, Public Health Engineering and Social Welfare departments are working round-theclock to provide basic amenities to the affected people. The police is providing security to the affected people living in camps as well as in the flood-hit areas.

16 relief camps have been opened up by the district administration to provide shelter to the flood-affected people. Medical teams have been despatched from district headquarters and the nearby areas to assist the people.

Kaziranga Correspondent adds: Several parts of Kaziranga and the Bokakhat sub-division are under flood waters. The surging water has mundated vast areas and paddy fields affecting 21 villages with a population of 18,000, said SDO (civil) Bokakhat Vivek Shyam today. The flood water has submerged a portion of the National Highway 37, near Bokakhat town for which vehicular traffic was affected at Kohora for a while. However, the situation inside the Kaziranga National Park (KNP) is not alarming so far. In Kohora, several areas, including Nepali Goan, Bogorijuri and Bosagoan have been affected by flood water ..

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A view of the Court of Bikaner during a dust storm on Thursday. Dust storms hit various parts of Uttar Pradesh leaving 15 people dead and 28 injured, an official space and aid of Phonada C.

Torrential rain in N-E states leaves 4 dead

MANOJ ANAND | DC GUWAHATI, JUNE 14

Incessant rains and floods in northeastern states on Thursday left 4 dead and thousands homeless and forced Northeast Frontier Railways to suspend as many as four train services as a tunnel washed out in Assam's Lumding-Badarpur hill section, snapping rail connectivity to Tripura as well as Barrak Valley in Assam.

In southern Assam's Barak valley bordering Bangladesh where the flood situation worsened on Thursday, the inland water transport (IWT)

department has also suspended its ferry services due to rising water level of all the rivers.

Informing that raising water level under Guwahati division was also a matter of concern, the IWT director Bharat Bhushan Dev Choudhury said, "As of now ferry services are unaffected in Guwahati. However in Barak valley more than 30,000 ferry passengers have been affected."

The NF Railways PRO said landslides in as many as five places in I madize.

The NF Railways PRO said landslides in as many as five places in Lumding

— Badarpur hill section have affected normal train services.

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Rain havoc causes Hindustar Rs 38-crore infrastructure losses in state

BENGALURU: The state government has incurred Rs 38 crore loss due to damages to public infrastructure including roads and bridges following heavy rains in the past two weeks, Chief Minister H D Kumaraswamy said on Thursday.

Speaking to reporters after chairing a meeting of senior officials, he, however, said that there was no dearth of funds for carrying out relief works.

Stating that a total of Rs 186 crore was available under the State Disaster Response Funds, he said the district administrations have been given access to the same.

Additional funds

He also said additional funds of Rs 22 crore had been released to various districts, including Ballari, Belagavi, Hassan, Davangere, Mandya, Dakshina Kannada, Shivamogga, Vijayapura and Udupi, for carrying out emergency relief works.

Kumaraswamy said that a compensation of Rs 5 lakh had been disbursed to families of the each of the 105 persons who died due to lightning strikes, drowning, house collapse or tree fall.

Compensation has been met under the Chief Minister's Relief Fund (Rs 1 lakh) and the National and State Disaster Response Funds (Rs 4 lakh).

While Rs 91 lakh compensation has been distributed for livestock deaths (606); a compensation of Rs 3.78 crore has been disbursed to families that have lost their homes. As many as 2,814 houses are reported to have been damaged/collapsed due to the rains.

As the state has received 58% more than the normal rainfall, all major dams in the state had recorded a good inflow (of around 200 tmc) in the last few days, he added.

DH News Service

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15/6/18

Plood alert as Kabini near full

BENGALURU: Heavy inflows to the dams across the state due to heavy showers continued on Thursday also.

With huge inflow to the Kabini dam across River Kapila in HD Kote taluk, Mysuru district, flood warning has been issued and around 15,000 cusecs was released into the river on Thursday.

With heavy showers lashing Wyanad in Kerala and the catchment area of the river, the inflow has been increasing considerably. The Kabini reservoir is inching closer to the maximum level. There are possibilities of the authorities deciding to open the crest gates of the dam to release more water into the river, as a precautionary measure, in view of the safety of the dam.

The current water level (June 14) of Kabini dam is 2,279.08 ft against the maximum level of 2,284 ft. The inflow was 35,000 cusecs and outflow 15,000 cusecs. The water level in the dam went up by six feet in 48 hours.

With good inflow to the KRS reservoir, the water level has crossed the 90-feet mark and stood at 90.80 feet on Thursday. The water level has increased by 10.1 feet in 72 hours. The inflow into the dam on June 14 was 28,383 cusecs and outflow 344 cusecs.

Bhagamandala, the famous religious destination in Kodagu, is inundated following heavy rains for the last two days. On Thursday, floodwater reached the steps of the Bhagandeshwara temple.

Road connectivity to Talacauvery, Napoklu and Ayyangeri has been cut off as the roads are submerged.

Tourists bound for Brahmagiri at Talacauvery have been advised not to visit the spot as heavy rain, coupled with gusty winds, is lashing the region. Boats have been arranged for ferrying devotees to the temple. Fire and emergency service personnel are stationed

Another landslide occurred near Makutta on the highway, connecting to Kerala. There have been 25 landslides in the last 24 hours. The work on clearing the debris is on.

Vehicles are being divert-





Water gushes out of the Kabini dam in HD Kote taluk, Mysuru district, on Thursday. (Right) Devotees take the boat to reach the Bhagandeshwara temple in Bhagamandala, Kodagu district. DH PHOTOS





After heavy rains, the water on the Rabindranath Tagore beach in Karwar has turned black, causing concern among environmentalists. But scientists say there's no cause for concern as it is the material floating, following the desilting done last year and the ash of the grass set on fire by residents. (Right) Heavy showers flood a road in Belthangady, Dakshina Kannada district on Thursday. DH PHOTOS

ed through the alternative route of Gonikoppa-Ponnampet-Srimangala-Kutta.

Water in River Cauvery is crossing the danger mark in Virajpet. The people residing in the proximity have been advised to move to safer places. The district administration ordered for the closure of schools

and colleges on Thursday. With Hassan and Sakleshpur taluks receiving heavy rains, the water level of Hemavathy dam at Gorur was 2,894.25 feet against the maximum of 2,922 feet, on Thursday. The inflow to the dam was 37,479 cusecs and outflow 200 cusecs. As the inflow to the Tungabhadra reservoir in Hosapete taluk has increased, the dam has received over two tmc of water in a single day.

On Wednesday, the inflow recorded was 5.31 tmc. However, on Thursday, the water level recorded was 7.75 tmc; thereby adding 28,367 cusecs of water in a single day. The

Landslides hit rail traffic again

Landslides were reported again near Yedakumeri on the Sakleshpur-Mangaluru rail route on Thursday, obstructing railway and road services.

Gommateshwara Express that was bound for Mangaluru from Bengaluru had to be stopped midway, causing inconvenience to the passengers. The train had reached Kadagarahalli on Thursday afternoon, when information came about the land slip on the railway track near Yedakumeri. The train was stopped there for four hours. As the clearing of the route got delayed, the train returned to the Sakleshpur station in the reverse direction. Railway authorities made alternative arrangements for passengers in KSRTC buses for their onward journey. The Mangaluru-Yeshwantpur passenger train was also stopped near Subramanya station. The intensity of rain was less in the Sakleshpur region on Thursday.

inflow on Wednesday was 6,878 cusecs. The cause for the copious inflow is that Shimoga's Tunga dam is full and water is being released through the cross gates. Also ample rains in the Tungabhadra

catchment areas, had resulted in an increased inflow into the Tungabhadra reservoir. There was drizzling in Hosapete city and other parts of the taluk in the evening. It intensified later on. Assistant commissioner Krishnamurthy has declared holiday for all schools in Puttur taluk, Dakshina Kannada district, following heavy rainfall. Belthangady and Sullia tahsildars, too, have declared holiday for schools in their respective jurisdictions, following copious rainfall.

Heavy rain battered Dakshina Kannada at many places. Belthangady, Sullia and Puttur taluks received heavy showers. Motorists faced inconvenience as water flooded roads. Vehicles had to negotiate kneedeepwater in Guruvayanakere of Belthangady. Heavy rain was reported in Siddapur taluk of Uttara Kannada district.

Arecanut plantations, ginger and paddy seedlings were washed away in villages of in Hosanagara taluk, Shivamogga district, following heavy rain. Houses were damaged following landslides at Yaave village. Agriculture fields were flooded as tanks breached.

DH News Service

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Central Chronical (Bhopal)

The Telegraph (Kolkata)

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The Tribune (Chandigarh

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THE HIND U, Chennai, 15/6/19

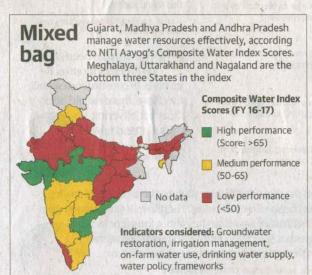
India is facing its worst water crisis: NITI Aayog

The demand for potable water will outstrip supply by 2030, says study

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The NITI Aayog on Thursday released the results of a study warning that India is facing its "worst" water crisis in history and that the demand for potable water will outstrip supply by 2030, if steps are not taken.

Nearly 600 million Indians faced high-toextreme water stress and about 2,00,000 people died every year because of inadequate access to safe water. Twenty-one cities, including Delhi, Bengaluru,



Chennai and Hyderabad, will run out of groundwater by 2020, affecting 100 million people, the study

noted. If matters are to continue, there will be a 6% loss in the country's Gross Domestic Product by 2050,

the report says.

Moreover, critical groundwater resources, which accounted for 40% of the water supply, are being depleted at "unsustainable" rates and up to 70% of the supply is "contaminated," the report says.

Managing water

The observations are part of a study that ranked 24 States on how well they managed their water. Gujarat, Andhra Pradesh and Madhya Pradesh took the top three spots, and Jharkhand, Bihar and Harvana came in last in the 'Non-Himalavan States' category. Himachal Pradesh - which is facing one of its worst water crises this year - led a separate eightmember list of States clubbed together as 'North-Eastern and Himalayan.' These two categories were made to account for different hydrological conditions across the two groups. About 60% of the States were marked as "low performers," and this was cause for "alarm."

Many of the States that performed badly - Uttar * Pradesh, Odisha, Chhattisgarh - accounted for 20-30% of India's agricultural output, "Given the combination of rapidly declining groundwater levels and limited policy action... this is likely to be a significant food security risk for the country," the report says.



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A car passing through a flooded street in Silchar, Assam, after a heavy downpour on Thursday. •PTI

Floods, landslides kill 12 in NE States

Thousands left homeless overnight

RAHUL KARMAKAR SYED SAJJAD ALI GUWAHATI/AGARTALA

Floods and landslides following torrential rain in the past 48 hours have left 12 people dead and thousands homeless across Assam, Manipur, Mizoram and Tripura, disaster management officials said on Thursday.

In Tripura, the State government has sought Army and NDRF assistance for evacuation and rescue operations. Chief Minister Biplab Kumar Deb, who visited the flood-hit areas of Unakoti district on Wednesday, briefed Union Home Minister Rajnath Singh about the "critical situation" in the State, a senior official said.

At least two villagers were swept away in by swollen rivers in the State while over 14,000 have been left homeless, an official of State Emergency Operation Centre (SEOC) said.

Assam landslides

Assam State Disaster Management Authoritry (ASD-MA) officials said one person drowned near Kaziranga National Park in Golaghat district on Thursday. Two others lost their lives in a landslide that damaged 166 houses at Mahur in Dima Hasao district.

"At least 370 villages have been submerged in seven districts, displacing 1, 66,836 people. National and State Disaster Response Force teams rescued 422 people, mostly in southern Assam. We have set up 115 relief camps in Karimganj, Hailakandi, Karbi Anglong and Golaghat districts for 35,927 inmates," an ASDMA spokesperson said.

In the Barak Valley, several highways are under water. Ferry services have been suspended in Barak, Kushiyara and other rivers.

In Manipur, Chief Minister N.Biren Singh said five persons, including a minor boy, have drowned due to several breaches on river embankments. "We are trying to provide relief to thousands of displaced and stranded people," Mr. Singh said.

Landslides on the arterial NH 54 near Serchhip town cut off the southern part of Mizoram. Officials said a large stretch of the highway has been eroded, and rebuilding will take several months.

जभित गावस्व/ बाद सम्बद्धा समाव

The Deccan Hearld (Bengluru)
The Deccan Chronical (Hyderabad)
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The Assam Tribune (Guwahati) The Jimes of India (Mumbai) The Telegraph (Kolkata) हिन्दुस्तान (पटना)

The Deccan Hearld (Bengluru) The Deccan Chronical (Hyderabad) Central Chronical (Bhopal)



Three persons have died in the past 24 hours in flood and landslides in Assam following heavy rainfall in the Northeast that left parts of Guwahati water-logged.

One person died in the Golaghat district of upper Assam and two in Dima Hasao in central Assam. The victims were washed away in some places and electrocuted in oth-

Rail and ferry services were suspended in the Barak Valley, the worst affected so far, in the first wave of floods this season.

One flood-related death was reported from Tripura and two from Manipur. The weather office has predicted more rain on Friday.

The Assam Disaster Management Authority said on Thursday that seven districts

had been hit. The administration has opened 116 relief camps in the affected areas.

Train services to the Barak Valley and onward to Tripura were stalled, mainly due to landslides in at least five places.

The situation worsened in Assam's Hailakandi (picture above shows a flooded village in the district) and Karimganj later on Thursday.

New areas were inundated with major breaches in Hailakandi district, where over 50,000 people have been affected, including scores of tea gardens.

All major rivers in Assam were in spate, including the Longai, Singla and the Kushiara in Karimganj district that were flowing above their "danger levels".

Report by our bureau; Telegraph picture