

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

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

Dated 14.6.18.

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.

S. Mahdum
14.6.18
SPA (Publicity)

Encl: As stated above.

Deputy Director TD Dte. & Publication Division

Xa
14/6/18

For information of Chairman & Member (WP&P/D&R/R.M.), CWC and all concerned,
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The Hindu ✓

Rajasthan Patrika (Hindi)

Deccan Chronicle

Deccan Herald

M.P.Chronicle

A a j (Hindi)

Indian Nation

Nai Duniya (Hindi)

The Times of India (A)

Blitz

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

Death toll touches 23 as rain pounds Kerala

SPECIAL CORRESPONDENT

THIRUVANANTHAPURAM

Torrential rains unleashed by the Southwest monsoon continued to wreak havoc throughout Kerala on Wednesday, taking the death toll to 23 and throwing normal life out of gear.

The heavy showers left all the rivers in spate, triggered landslips, inundated low-lying areas and caused widespread damage to crops.

Two persons drowned in flood waters in Pathanamthitta district on Wednesday. The Palakkad district administration sought the help of the Southern Naval Command to trace a youth who

was reported missing in the Bharathapuzha river from Parali.

As many as eight houses were destroyed and 272 damaged across the State on Wednesday. With this, a total of 126 houses have been destroyed and 2,705 damaged since the onset of the monsoon.

Relief camps set up

By Wednesday evening, 1,163 persons belonging to 322 families were accommodated in 34 relief camps in eight districts.

According to information from the State control room, crops in 793 hectares of land

were damaged on Wednesday, taking the extent of damage to 22,918 hectares.

In Idukki district, landslips damaged the Kanjar-Wagamon road at many locations. Heavy rainfall continued to pound Peerumade taluk which recorded the highest rainfall of the season (32 cm) on Monday. One person died and seven houses were damaged in a landslide at Makootam in Kannur. With the shutters of the Moozhiyar dam likely to be opened any time, people residing along the river banks of the Pampa, Manimala, and Kakkattar rivers have been cautioned.

Hindustan Times
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An aerial view of the edge of Antarctica's Ross Ice Shelf in 2017. In the period between 2012 and 2017, the rate at which Antarctica was losing ice accelerated by 165%. NYT

Antarctica melting more than twice as fast as last decade

KENDRA PIERRE-LOUIS
NEW YORK, JUNE 13

BETWEEN 60 and 90 per cent of the world's fresh water is frozen in the ice sheets of Antarctica, a continent roughly the size of the US and Mexico combined. If all that ice melted, it would be enough to raise the world's sea levels by roughly 200 feet.

While that won't happen overnight, Antarctica is melting, and a study published Wednesday in the journal *Nature* shows that the melting is speeding up.

The rate at which Antarctica is losing ice has more than doubled since 2012, according to the latest available data. The continent is now melting so fast, scientists say, that it will contribute six inches (15 centimetres) to

sea-level rise by 2100. That is at the upper end of what the Intergovernmental Panel on Climate Change has estimated. Antarctica alone could contribute to sea level rise this century.

"Around Brooklyn you get flooding once a year or so, but if you raise sea level by 15 centimetres then that's going to happen 20 times a year," said Andrew Shepherd, a professor of earth observation at the University of Leeds and the lead author of the study.

Between 1992 and 2017, Antarctica shed three trillion tons of ice. This has led to an increase in sea levels by three-tenths of an inch, which doesn't seem like much. But 40 per cent of that increase came from the last five years of the study period, from 2012 to 2017, when the ice loss accelerated by 165 per cent. NYT

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Thousands go homeless in NE after floods, landslides

HT Correspondents

• letters@hindustantimes.com

GUWAHATI/IMPHAL/AGARTALA: Several areas in the country's north-east region experienced heavy rainfall in the past few days, causing floods and landslides in several districts, and leaving thousands of people homeless.

MIZORAM

Floods and landslides have disrupted normal life in Mizoram since Sunday. Government officials say large scale destruction of public and private properties have been reported from the state, though there have been no casualties.

According to government reports, as many as 10 villages in Lunglei district have been affected and some 22 houses have

been damaged, while more than 500 families, mostly from Chakma dominated Tlabung town, had to be evacuated. Officials also said that as many as 250 houses have submerged under floods in Mamit district.

MANIPUR

Incessant rains have caused havoc in the past three days, including flooding and landslides at several places in Manipur on Wednesday. The government declared a holiday for all government establishments, except the essential services on account of 'sudden flood,' while education department declared holiday for all government and private educational institutions on account of 'grim flood situation' for two days till Thursday.

The situation worsened after

Imphal river and Kongba river banks were breached in Imphal East district, officials said.

The breach submerged large residential areas, including VIP colonies, besides government offices including All India Radio.

TRIPURA

A report by the Emergency Operation Centre said that a total of 3,472 families have taken shelter in 64 camps set up by the government in Tripura, which received heavy rainfall measuring 86mm in the past 24 hours.

An unidentified man is suspected to have been washed away in the flood while a woman was injured in the landslide, according to some reports. The state has received 75% more pre-monsoon rainfall this year, which a MeT official said was 'an exception'.

News item/letter/article/editorial published on 14.06.2018 in the

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Centre determined to clean Ganga, Yamuna before '19 LS polls: Gadkari

7E-14

EXPRESS NEWS SERVICE

NEW DELHI, JUNE 13

UNION MINISTER Nitin Gadkari on Wednesday said the government was determined to clean the Ganga and Yamuna before the 2019 Lok Sabha elections and claimed that 80 per cent of the Ganga will be cleaned by March next year, while the work would be completed by year-end.

The Namami Gange programme for cleaning of the Ganga was one of the major poll promises of the BJP ahead of the 2014 Lok Sabha elections. Gadkari, who holds the Water Resources, River Development and Ganga Rejuvenation portfolio, had earlier directed officials to complete the work in a time-bound manner.

Claiming that the government was determined to clean not only Ganga, but also Yamuna and other tributaries, he said several steps have been taken in the direction.

Twenty new towns along Yamuna and its tributaries



Union Ministers Nitin Gadkari and Dharmendra Pradhan at the event in New Delhi on Wednesday. Tashi Tobgyal

(Hindon and Kali) have been identified for pollution abatement," he said, adding six sewerage management projects on Yamuna in Delhi had been awarded and two others were under tendering process.

Gadkari said the plan was to develop a world-class ecological and environment-friendly riverfront park on a 35-km stretch of the Yamuna in Delhi. On Tuesday, he said a proposal to

develop a sewage treatment plant at Saryu river in Ayodhya had been approved.

The minister was presiding over a tripartite concession agreement for the Hybrid Annuity-based PPP project in Mathura. The project, signed between the NMCG, Uttar Pradesh Jal Nigam and Triveni Engineering & Industries Ltd, aims at developing an integrated city-wise sewage infrastructure.

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Gadkari warns Yamuna polluters of strict action

Vishwa.Mohan@timesgroup.com

TB-14

File photo

New Delhi: Promoting an ambitious Yamuna water front in Delhi, water resources and highways minister Nitin Gadkari warned of strict action against polluters, saying he had even once asked whether an FIR could be filed against the Haryana chief secretary for the state's failure to act.

"He (water resources secretary) said he would talk to Haryana government. I have also decided to call a meeting of the state government officials on the issue (Yamuna pollution). Strict action will be taken against anyone who is polluting Yamuna, Ganga and its tributaries," said Gadkari.

He shared a few details of his plan to develop the riverfront in Delhi as a "world class garden" at an estimated cost of Rs 40,000 crore. Though Gadkari didn't elaborate on his FIR threat, the Central Pollution Control Board (CPCB) has only powers to issue show cause notice against officials and polluters under existing laws.

The minister said the issue of developing Yamuna riverfront in Delhi would be discussed with the city lieutenant governor (LG). "Once the LG gives his approval, we (Centre and city government) will develop the riverfront by partially funding it and awarding the works in PPP mode to private agencies which can spend Rs 40,000 crore for the project." "It is my vision to develop a world class ecological and environment friendly riverfront park on 35 km stretch of river Yamuna in Delhi," said Gadkari while recalling his discussion on the issue with chief minister Arvind Kejriwal last month.

He was speaking here on the occasion of signing of a tripartite agreement between



The minister said he had even once asked whether an FIR could be filed against the Haryana chief secretary for the state's failure to act

National Mission for Clean Ganga (NMCG), Uttar Pradesh Jal Nigam and Triveni Engineering & Industries Ltd for developing India's first city-wide integrated sewage infrastructure for Mathura at an estimated cost of over Rs 437 crore on hybrid annuity-based mode.

A separate agreement was also signed between NMCG and Indian Oil Corporation Ltd (IOCL) for the reuse of two crore litres per day of treated sewage water by the latter's refinery in Mathura. The company is currently using water from the over-stressed Yamuna. IOCL will pay Rs 16 crore annually to the developer for using the treated water.

The developer will use the money to operate and maintain sewage treatment plants and other sewerage network. Sharing details of the projects on Yamuna and other tributaries, Gadkari said in addition to 14 ongoing projects (10 in Delhi, two in UP and two in Haryana - at Sonapat and Panipat), the ministry has identified 20 new towns on Yamuna and its tributaries (Hindon and Kali) for pollution abatement. Ten towns in this list are on the Yamuna.

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Cabinet okays Bill on dam safety, makes 'owners' responsible

Vishwa.Mohan
@timesgroup.com

New Delhi: The Centre has decided to bring a legislation on dam safety which will empower authorities to take regulatory action and lay down safety standards for existing and new dams in the country. The proposed law lays the onus of dam safety on the dam owner and includes 'penal provisions'.

The draft law — Dam Safety Bill, 2018 — was approved by the Union cabinet on Wednesday. The bill will be introduced in Parliament in the forthcoming monsoon session beginning in July.

"It will help all states and Union Territories adopt uniform dam safety procedures. It will ensure safety of dams and help in safeguarding human life, livestock and property," said an official, referring to the bill's provisions.

The bill provides for mandatory surveillance, emergency action plan, comprehensive dam safety review, inspection and operation & maintenance of all dams in the country to ensure their safe functioning. The bill also provides for setting up a national committee on dam safety which will recommend necessary regulation.

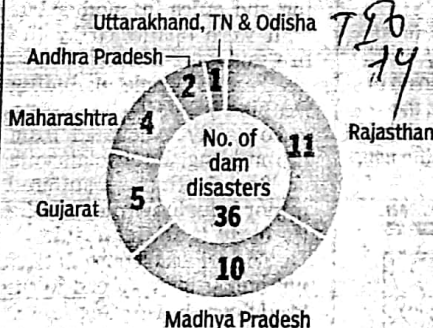
Besides, the proposed legislation talks about setting up a National Dam Safety Authority as a central regulatory body which will imple-

PANEL TO ADVISE ON REGULATIONS

Key features of the Dam Safety Bill, 2018

- Constitution of a National Committee on Dam Safety that will recommend necessary safety regulations
- Establishment of National Dam Safety Authority as a regulator to implement policy, guidelines and standards for dam safety
- Setting up of a state committee on dam safety by respective states

Dam disasters in India



► (A large dam is classified as one with a maximum height of more than **15 metres** from its deepest foundation to the crest)

► (A dam between **10 and 15 metres** in height is also included in this category with certain conditions)

ment policy, guidelines and standards for dam safety across the country.

Lack of legal and institutional architecture for dam safety has long been an issue of concern in India. The country has reported 36 dam disasters, the worst in Gujarat (Ma-

chu dam in Morbi) where 2,000 people died and 12,700 houses were destroyed in 1979.

Construction of Machu dam was completed in 1972 but its flanks were washed away in heavy floods seven years later.

Learning from the disas-

Large dams in India

Total **5,701**

5,254

Operational

447

Under construction

State-wise break-up

Maharashtra	2,354
M Pradesh	906
Gujarat	632
Chhattisgarh	258
Karnataka	231

Source: International Commission on Large Dams, 2016 and Ministry of water resources

ters, the Centre initiated the Dam Rehabilitation and Improvement Project (DRIP-I) in 2012 for strengthening dam safety and operational performance through comprehensive repair and rehabilitation work. It will continue till June 2020.

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WINTER AIR, SUMMER HEAT

Air Quality Nearly As Bad As In Winter; Officials Asked To Improve Sprinkling

► Continued from P1

Statement from the ministry of environment and forests said that civic corporations, DPCC and construction agencies have been alerted to carry out water sprinkling.

Delhi's air quality read 445 and was classified as "severe", according to CPCB's Air Quality Index (AQI), as the all too fa-

miliar feelings of irritation in the throat and a burning sensation in the eyes returned to those commuting.

Values between 401 to 500 fall in the "severe" category wherein the air can "affect healthy people and seriously impact those with existing diseases", according to CPCB's health advisory. Data from CPCB's central control room showed Delhi's average PM10

level peaking at 823 micrograms per cubic metre at 5 pm, eight times the safe standard, while the PM2.5 level was 216 micrograms per cubic metre at 8 pm. The safe standards for both ultrafine particles are 100 and 60 micrograms per cubic metre, respectively. Delhi had recorded higher PM10 levels last on November 8 when it had crossed 1,000 micrograms per cubic metre, while PM2.5 lev-

els were recorded at 805 micrograms per cubic metre.

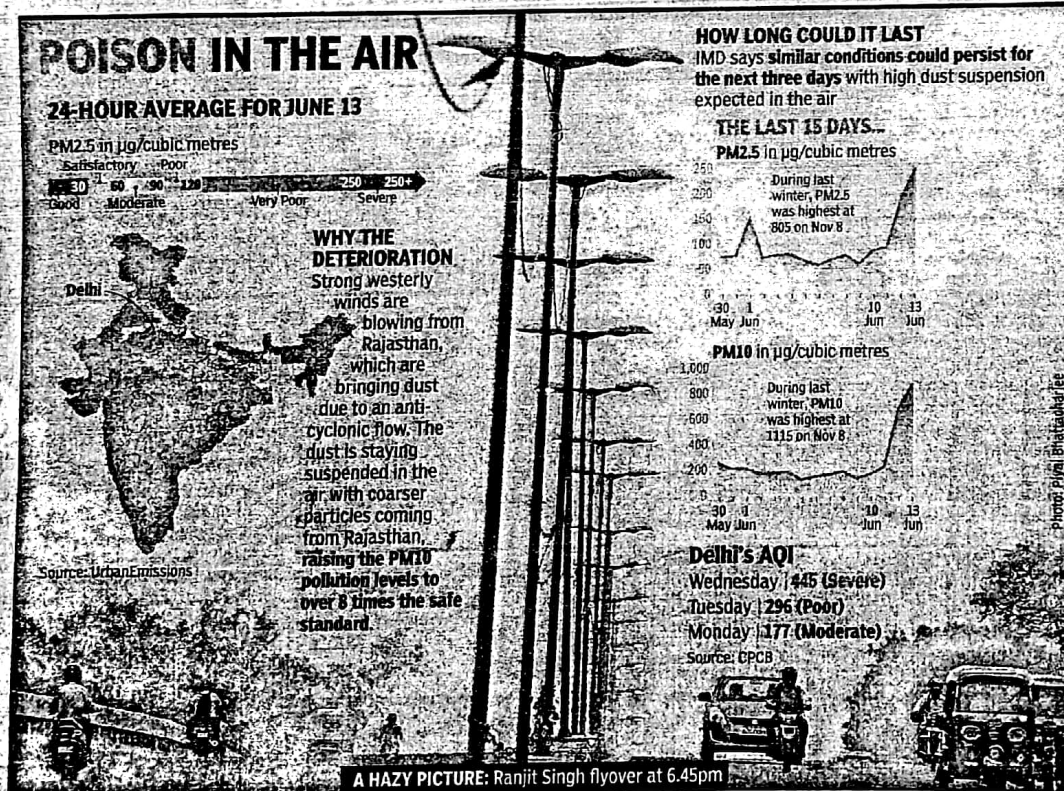
It was also unusually hot during the day, adding to the misery. Delhi witnessed one of its highest minimum temperatures of the season at 34°C, six degrees above normal. The recorded maximum was 41.2°C.

According to A Sudhakar, member secretary of CPCB, another meeting will be held on Thursday to review the sit-

uation. "The IMD has forecast that the activity will continue for the next three days. We will hold a meeting with all agencies and, if these levels continue, emergency action like stopping construction work will be initiated, along with stopping the use of hot-mix plants and stone-crushers," said Sudhakar.

EPCA member Sunita Narain, meanwhile, said the body had written letters to all chief secretaries in NCR about the pollution and asked them to improve sprinkling in their areas. "The Environment Pollution Control Authority (EPCA) has written a letter to all chief secretaries and environment secretaries in NCR about the pollution levels. PM10 levels have gone up to 800 micrograms per cubic metres, which is in the 'severe' category under the graded response action plan (GRAP). We understand that this is dust so we have asked agencies to improve sprinkling and control dust right now. We will watch the levels carefully for the next 48 hours," said Narain.

IIT Kanpur department of civil engineering head Sachchida Nand Tripathi, however, said "One cannot be certain that this is primarily because of dust from the desert. We need modelling and measurements to evaluate the exact sources. Unpaved roads in NCR could also be contributing significantly. While natural factors cannot be controlled, local sources, fugitive emissions and construction dust need to be curbed. A green belt around cities definitely helps."



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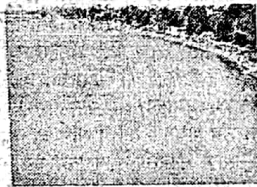
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35 साल बाद भी पानी नहीं दे पा रही सरयू नहर परियोजना

यूपी के किसानों को मिलना था योजना से पानी 28-14

पत्रिका न्यूज नेटवर्क
rajasthanpatrika.com

बस्ती. किसानों के नेता चौधरी चरण सिंह के सपने को साकार करने के लिए वर्ष 1982 में शुरू की गई सरयू नहर परियोजना अपना आकार सरकारों की उदासीनता और धन के अभाव में तो नहीं ले सकी लेकिन अंधकार में जलरू चली गई है। घाघरा व राप्ती से कई जिलों को निजात दिलाते हुए बाढ़ रोकने और लम्बी



नहरों का जाल बिछाकर खेतों तक पानी पहुंचाने के लिए इस योजना को अमल में लाया गया।

बहराइच, श्रावस्ती, बलरामपुर, गोडा बस्ती, संतकबीर नगर व गोरखपुर तक 9205 किलोमीटर लम्बी नहरें बननी थीं। दुमरियागंज, उत्तरीला, अयोध्या व गोला में पम्प नहर बनाने के साथ-साथ 3600 नलकूपों को भी स्थापित करने का

सपना है। साथ ही नौ हजार किलोमीटर ड्रेन बनाकर हर खेत तक पानी देना था। 12 लाख हेक्टेयर क्षेत्रफल में फैली खेतों में हरियाली तो नहीं बिखरी, मगर योजना धन के अभाव में फाइलों में कैद हो गई। हिस्सेदारी के तहत दस प्रतिशत प्रदेश सरकार को और नब्बे प्रतिशत भारत सरकार को धन देना था। सरकारें आईं और गईं, लेकिन चौधरी चरण सिंह के इस सपनेको साकार करने की फुर्सत किसी को नहीं मिली।

72 सौ करोड़ की संशोधित परियोजना

वर्ष 2010 में 72 सौ करोड़

की संशोधित परियोजना फिर बनी। लेकिन धन नहीं मिला। जिम्मेदार बताते हैं कि एडवॉंस एंटीगेशन वेनफ्रीट प्रोग्राम के तहत भारत सरकार को विश्व बैंक की सहायता से परियोजना को मूर्त रूप देना है। कहते हैं कि कुछ धन परियोजना के शुरूआती दौर में अवमुक्त भी हुआ। जिसके तहत सातखंडों में बटे सरयू नहर खंड के अभियंताओं ने मनमाना टेंडर निकाल चहेतों को काम सौंपा और धन का बंदरबांट कर गए। उदाहरण स्वरूप नहर खंड चार बस्ती में पांच करोड़ का टेंडर आनन फानन में विभाग ने मई 11 में निकाला। जिसके तहत कुल 11 छोटी नहरों

के लिए काम होना था। अभियंताओं ने कमीशनखोरी कर चहेतों को यह काम सौंप दिया। इस मामले की एक जांच चल रही है। परिणाम स्वरूप परियोजना का काम तो ठप हो ही गया है।

प्रदेश व केन्द्र सरकार धन देना भी गवारा नहीं कर रहे हैं। शुरूआती दौर में 67 करोड़ रुपये की बनी यह परियोजना अब 1100 करोड़ तक पहुंच गई है। बीजेपी के विधायक संजय सिंह ने सरयू नहर परियोजना में भ्रष्टाचार की शिकायत शासन में भी की है और मांग की है कि किसानों के खेतों में सरयू नहर का पानी जल्द से जल्द पहुंचाया जाये।

PFM, Directorate

भारत सरकार
Government of India
केन्द्रीय जल आयोग
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13th & 14th June 2018

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मानसून/ बाढ़ सम्बन्धी समाचारों की कतरन (News Clippings) अवलोकन हेतु प्रस्तुत हैं :

संलग्न : उपरोक्तानुसार

[Signature]
14/6/2018
(सहायक निदेशक)

उप निदेशक (बा.प.प्र.)

[Signature]
14/6/2018

निदेशक (बा.प.प्र.)

210-2-5
14/06/2018

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

34 निदेशक (तकनीकी प्रलेखन)

[Signature]
14/6/18

13
दिनांक 13-6-18

को निम्नलिखित समाचार पत्रों में प्रकाशित मात्र सूचना/ ब्राह्मण समाचार

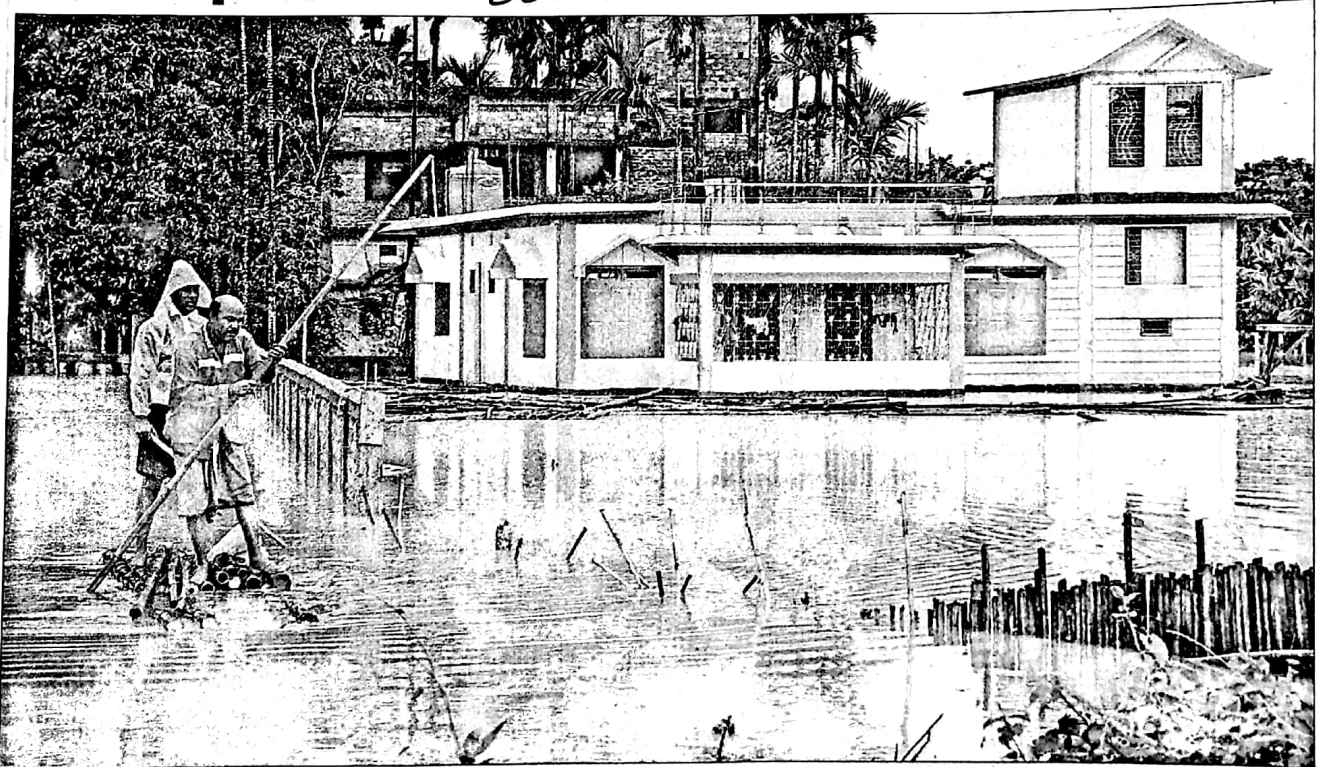
Hindustan Times (Delhi)
भारत टाइम्स (दिल्ली)
The Tribune (Chandigarh)
The Hindu (Chennai)

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

✓ The Deccan Herald (Bengluru)
The Deccan Chronical (Hyderabad)
Central Chronical (Bhopal)

To a safer place

DECCAN HERRALO



A villager rows his makeshift boat through the water at a flood-affected village of Unikuti district, Tripura, on Tuesday. Heavy monsoon rains also triggered floods in Mizoram. At least 10 people were killed and several others injured in incidents of lightning strike in West Bengal, even as heat wave conditions prevailed in north India. PTI

दिनांक 13-6-18

को विभिन्न लिखित समाचार पत्र में प्रकाशित मात्रा/ वाक संपर्क समाचार

Hindustan Times (Delhi)
नवभारत टाइम्स (दिल्ली)
The Tribune (Chandigarh)
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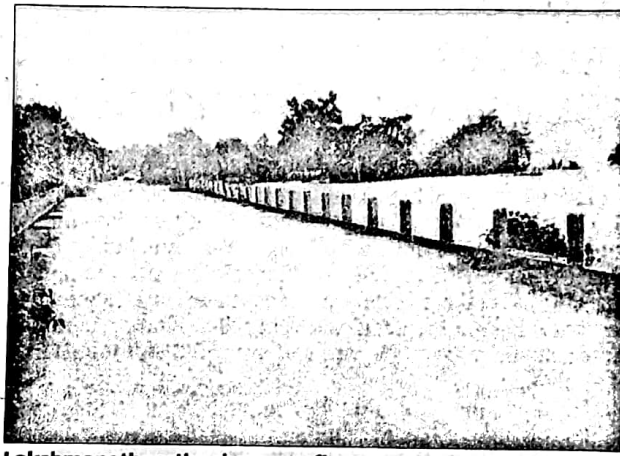
Rain continues to lash Kodagu

BENGALURU: Heavy rain lashed Kodagu district on Tuesday. As a result, the Cauvery and the Lakshmanatheertha rivers are in spate.

As Srimangala, Irpu, Kutta, Birunani, Balele, Hudikeri and Ponnampete received heavy showers on Monday night, the water level in Lakshmanatheertha river has crossed the danger level. The movement of vehicles on Harihara-Balelemandooru bridge has been banned following the overflowing of the river on the bridge. Inundated paddy fields look like rivulets now.

The caving in of the roads at Kottageri, Balele and Doni Kadavu has disrupted the movement of vehicles. Following the heavy rain, officials had declared holiday for schools on Tuesday. With the rain receding in Napoklu, the water level at Triveni Sangama in Talacauvery has come down. A hillock caved in at Nehru Nagar in Virajpet. At least 15 houses have been damaged in the town.

Kodagu received an average of 85.52 mm of rainfall. Hudikeri received the highest of 216 mm followed by Srimangala



Lakshmanatheertha river overflows on Kottageri-Balele bridge affecting normal movement of vehicles in Kodagu district on Tuesday. DH PHOTO

(179 mm), Shanthalli (171 mm), Napoklu (126 mm) and Bhagamandala (82.80 mm).

Mudigere and Sringeri taluks in Chikkamagaluru district also received heavy rain.

Agricultural fields are inundated and some houses have been damaged by the rain.

Meanwhile, the loss caused by rain in Sirsi taluk in Uttara Kannada has been estimated to be Rs 35.61 lakh. The rain has destroyed arecanut and banana plantations, besides damaging roads and bridges,

sources in the tahsidar's office said. The heavy rain has affected the tank bund strengthening work at Devikere in Sirsi. A part of the bund, being constructed by Karnataka State Infrastructure Development Corporation, has collapsed. The local residents have vented their ire stating that the corporation has taken up the work in a hurry despite the rainy season.

The rain has increased the water level in Varada river.
DH News Service

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को विनियमित समाचार पत्रों में प्रकाशित मात्र सूत्र/ वाक सत्यध्या समाचार

Hindustan Times (Delhi)
भारत टाइम्स (दिल्ली)
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DH - 13/6

Cauvery basin dams at their best levels in recent times

Reservoirs show promise as catchment areas get good rain

Gayathri V Raj

MYSURU: With the monsoon becoming active in the Cauvery catchment area in the neighbouring Kodagu district, the inflow to the KRS dam in Srirangapatna taluk, Mandya district, has increased.

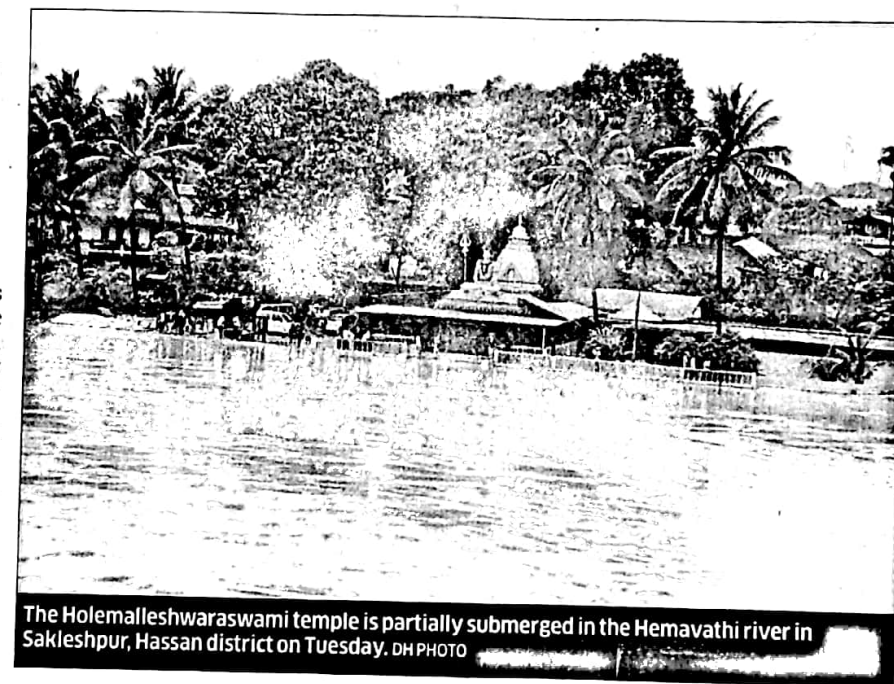
This has brought cheers among the farmers of the Cauvery basin, who have been facing drought for the past few years. They are hoping that the dam, which had not reached its full capacity of 124.8 ft for some years now, may cross the 100-ft mark soon and race towards its maximum level.

The KRS is the major water source for several districts in South Karnataka. Hassan and parts of Mysuru district too have been receiving rains, increasing the water level in the major reservoirs of the Cauvery basin.

The water level in the KRS reservoir stood at 82.8 feet on the morning of June 12. The inflow was 17,883 cusecs and outflow 342 cusecs. Last year, the water level on the corresponding day was 67.51 feet, with an inflow of 648 cusecs and outflow of 529 cusecs.

The water level, which was 77 feet on June 7, has increased by 5.51 feet in the last five days. If the rain continues in the same pace in Kodagu district, the KRS dam may reach its maximum level soon.

The water in River Hemavathi has risen due to copious rain in Sakleshpur and Alur taluks, in Hassan district. The



The Holemalleshwaraswami temple is partially submerged in the Hemavathi river in Sakleshpur, Hassan district on Tuesday. DH PHOTO

tract may recede slightly in the next few days. The rainfall in the district will be between 10 mm and 35 mm. The scientists predict that the region would get good showers after a brief lull.

DH News Service

Reservoir level

Name of the Reservoir	Full level*	Present level*
Linganamakki	1819.00	1755.80
Supa	1849.92	1752.75
Harangi	2859.00	2815.28
Hemavathi	2922.00	2880.75
KRS	124.80	82.80
Kabini	2284.00	2269.04
Tungabhadra	1633.00	1581.34
Malaprabha	2079.50	2038.08
Almatti	1704.81	1666.97

*In feet Source: www.krsnmc.com

low-lying areas in the river course have been inundated. The Holemalleshwaraswami temple has been partially submerged. The water level in Hemavathi reservoir stood at 2,880.75 feet on Tuesday against its maximum level of 2,922 feet.

The water level on the corresponding day last year was 2,852.9 feet. The inflow on June 12 was 29,379 cusecs, whereas it was 457 cusecs last year. The outflow was 200 cusecs against 150 cusecs last year. The water in Kabini reservoir was 2,271 feet as against the maximum level of 2,284 feet. The inflow was 17,000 cusecs and outflow 100

cusecs. In 2017, the water level on the corresponding day was 2,248 feet, with an inflow of 502 cusecs and outflow of 100 cusecs. The water level in the dam has increased by 14 ft over the last one week.

With heavy rains lashing HD Kote and other taluks, the farmers who had begun sowing are worried that the saplings would get destroyed.

Heavy rain, accompanied by thunder, lightning and gusty wind, lashed Kalaburagi city and surrounding areas for 20 to 30 minutes on Tuesday night.

The India Meteorological department has predicted that the rain lashing Kodagu dis-