

Deccan Herald 08-June-2021

Govt plans early flood warning project in Krishna basin

Planned in 100 vulnerable GPs

BENGALURU, DHNS

A pilot project for early warning dissemination using centralized public broadcasting system will be taken up in 100 remote gram panchayats that are vulnerable to floods.

The system, when implemented, will not only broadcast weather forecasts for the benefit of farmers, but also issue alerts on lightning, storms, landslides or any other emergencies. The project is being implemented by the Karnataka State Natural Disaster Monitoring Centre (KSNDMC).

The pilot project was revealed in the Karnataka State Action Plan for Flood Risk Management, 2021, released on Monday. The project will be first implemented in River Krishna basin, which has faced floods in consecutive years.

The system will include a public broadcasting system with four speakers placed at gram panchayat offices. These devices will be remotely managed and alerts will be issued at regular intervals.

During possible flooding or heavy rainfall scenario, disaster survival messages on how to safeguard oneself from lightning, the closest shelters for villagers during any flood threat and so on can be notified using the announcement systems.

Speaking to *DH*, Karnataka State Disaster Management Authority (KSDMA) commissioner Manoj Rajan said that villages were identified in Belagavi, Bagalkot and Raichur districts along the course of river Krishna.

The 3-tier system being implemented will allow alerts to be relayed directly from central servers in Bengaluru to a particular village which might witness adverse weather conditions. The pilot project will cost around Rs 95 lakh, Rajan said.

"We will see how it pans out and whether it can be implemented in other parts of the state," he said.

Evaluation matrix

The KSDMA has also developed a flood preparation and evaluation matrix for all districts. Each district has to assess its vulnerability, early warning and evacuation, preparedness for emergency relief, shelter management, etc, and plan accordingly for the monsoon season.

Deccan Chronicle 08-June-2021

Monsoon to impact state on June 11

DC CORRESPONDENT
HYDERABAD, JUNE 7

The southwest monsoon, which has made its advent into parts of the state, is likely to cover more of its landmass, by June 11. According to officials of the Indian Meteorological Department (IMD), under the influence of a low-pressure zone that is likely to form over the Northern Bay of Bengal and its neighbouring areas coupled with

the strengthening of south-westerly winds over the Arabian Sea the monsoon would advance into remaining parts of peninsular India, informed officials of Indian Meteorological Department (IMD).

The IMD also gave a heavy rainfall warning for the next four days. It stated "Thunderstorms accompanied with lightning are very likely to occur at isolated places in all the districts of Telangana."

The Hans 08-June-2021

Climate change to make monsoons more erratic: Study

NEW DELHI

The Indian monsoon is likely to get much more dangerous and wetter as global warming alters the system, new research says. India has witnessed a change in monsoon pattern over the years as climate disruptions take a toll on the system in the sub-continent.

The research published in the journal *Science Advances* stated that scientists analysed changes in the past million years to conclude that monsoon is set for the worse. "We find that the projected monsoon response to ongoing ice melt and rising

carbon dioxide levels is fully consistent with dynamics of the past 0.9 million years," the research paper said.

Led by Steven Clemens, a professor of earth, environmental and planetary sciences at Brown University, the team of researchers analysed mud samples recovered from the Bay of Bengal to reach the conclusion. The team drilled 200-meter long core samples during a two-month research tour on a converted oil-drilling ship, the JOIDES Resolution. The samples provided an in-depth analysis of monsoon rainfall. Scientists analysed the fossils of



plankton embedded in the sample that had died over hundreds of years as monsoon rains put more freshwater into the bay, reducing

the salinity at the surface.

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Analysing the samples, re-

searchers found that the high rainfall and low salinity came following a period of high carbon dioxide concentration in the atmosphere

and falling ice volumes. "We can verify over the past million years that increase in carbon dioxide in the atmosphere have been followed by substantial increases in rainfall in the South Asian monsoon system. The predictions of the climate models are wonderfully consistent with what we see in the past million years," Clemens was quoted as saying by New York Times. The Indian monsoon, which is one of the prime cause of floods in several parts of the countries as rivers get inundated from excessive rainfall, could emerge as a major worry for people as the risk of danger-

ous season grows. The monsoon is also key in agriculture that is dependent on seasonal rains for irrigation.

Meanwhile, the Indian Meteorological Department said the Southwest Monsoon has covered the north-east region, nearly four days after its normal date. The Southwest Monsoon made an onset over Kerala, which marks the beginning of the four-month rainfall season, on June 3 after a delay of two days. The system has already covered Kerala, Karnataka and Tamil Nadu and parts of Andhra Pradesh and Telangana since its arrival just days ago.

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THE HANS INDIA

Heavy rain on June 11 to mark coverage of monsoon in State

HANS NEWS SERVICE
BEGUMPET

THE IMD on Monday warned of heavy rain very likely to lash on June 11 at isolated places in Adilabad, Kumaram-Bheem, Mancherla, Jagtial, Karimnagar, Peddapally, Jayashankar- Bhupalpally, Mulug, Bhadrachalam-Kothagudem, Warangal (Urban & Rural) & Jangaon districts following likely formation of low pressure area over north Bay

The heavy rain will almost herald the Southwest Monsoon covering the entire Telangana, a day ahead of the usual date of June 12.

The IMD bulletin renewed the warning of thunderstorms with lightning likely to occur in all Telangana districts on June 8 and 9. A day prior to the heavy rain, and on June 11 thunderstorms with lightning and gusty

- Low pressure area likely to form over north Bay
- IMD renews warning of thunderstorms with lightning at isolated places in all districts on June 8 & 9.
- A day prior to heavy rain, and on June 11 thunderstorms with lightning & gusty winds of 30-40 kmph are likely.
- Thundershowers forecast in City from June 8 to 11. On June 12 & 13 partly cloudy sky with possibility of rain or thunderstorms likely

winds of 30-40 kmph are likely in all districts.

The forecast for City said there will be partly cloudy sky with one or two spells of rain or thundershowers from June 8 to 11. On June 12 and 13 partly cloudy sky with possibility of rain or thunderstorms are likely. The corresponding day temperatures are likely to be 37, 37, 38, 38, 38 and 38 degrees Celsius respectively.

Meanwhile, the bulletin said rain occurred at isolated places in the State during the last 24

hours ending at 8.30 am on Monday. The chief amounts of rainfall (in cm) were: Kothagudem 5, Regode (Medak dist) 3, Elagaid (Peddapalle), Alladurg (Medak) Julurpad, Tekulapalle (both in B. Kothagudem), Mominpet (Vikarabad), Jainoor (Kumaram Bheem) 2 each.

There was one cm rain each in Gopalpet, Sirpur, Nizamabad, Jogipet and Jukkal.

The highest maximum temperature of 39.4 degrees Celsius was recorded in Ramagundam,

Millennium Post 08-June-2021

Centre conducts study to find if Covid present in Ganga water

NEW DELHI: The Centre is conducting a study to assess the presence of SARS-CoV-2, or novel coronavirus, in the Ganga as corpses were found dumped in the river during the second Covid wave, and were fished out from districts in Uttar Pradesh and Bihar, officials said Monday.

The study is being conducted in phases and the first set of samples have already been collected from 13 locations, from Kannauj and Patna, said Saroj Batik, the Director of Indian Institute of Toxicology Research, Lucknow.

During the virological study, RNA of viruses of interest present in the water will be extracted and subjected to an RT-PCR

test to determine the presence of novel coronavirus in it, Batik said.

The IITR is an institute under the Council for Scientific and Industrial Research (CSIR), he said.

The study will also include checking the biological characteristics of the river.

The process of taking samples for the next phase began on Monday, officials said.

The decision to conduct such a study was taken by the National Mission for Clean Ganga (NMCG) after bodies were found dumped in the river when the second wave of coronavirus was at its peak in April-May.

AGENCIES

Dainik Jagran 08-June-2021

चमोली आपदा पर उत्तराखंड हाई कोर्ट ने मांगा जवाब

नैनीताल : उत्तराखंड हाई कोर्ट ने चमोली जिले के रैणी गांव के समीप तपोवन में ऋषिगंगा में सात फरवरी को आई आपदा को लेकर दायर जनहित याचिका पर सुनवाई की। कोर्ट ने केंद्र व राज्य सरकार के अलावा मौसम विभाग, आपदा प्रबंधन विभाग, जिलाधिकारी चमोली, जल विद्युत परियोजना आदि पक्षकारों को नोटिस जारी कर 20 जून तक जवाब दाखिल करने के आदेश दिए हैं। इस मामले में अगली सुनवाई 25 जून को होगी। सोमवार को हाई कोर्ट अल्मोड़ा के अधिवक्ता पीसी तिवारी की जनहित याचिका पर सुनवाई हुई। याचिका में प्रार्थना की गई है कि सरकार व हाइड्रो कंपनी के खिलाफ गैर इरातन हत्या का मुकदमा दर्ज किया जाए। (जास)

Navbharat Times 08-June-2021

{ ग्रामीण परेशान } भू-जल स्रोतों के अंधाधुंध दोहन से आसपास के ग्रामों में संकट

सीमेंट प्लांट की वजह से बढ़ रहा जल संकट

सैकड़ों एकड़ भूमि के
बंजर होने का खतराजलाशयों और भूजल
स्रोतों पर प्लांटों की नजरप्रमुख जलाशयों पर भी
दुष्प्रभाव की आशंकाग्रामीणों द्वारा लगातार
की जा रही शिकायतेंनीरज बाजपेयी. ❖ बलौदाबाजार.
www.navabharat.news

पूर्व से ही अंचल की कृषि भूमि समेत ग्रामों की निस्तारी भूमि पर कतिपय राजनीतिक व प्रशासनिक संरक्षण से कब्जा जमा चुके सीमेंट संयंत्रों की कुदृष्टि अब सार्वजनिक व कृषि उपयोग में आने वाले जलाशयों समेत भू-जल स्रोतों पर पड़ चुकी है. ❖ शेष पृष्ठ 5 पर



सैकड़ों एकड़ जमीन हो जाएगी बंजर

जल्द कुछ उपाय नहीं किए गए, तो संयंत्रों की सीमा से लगी सैकड़ों एकड़ कृषि भूमि के बंजर हो जाने का खतरा भी मंडराने लगा है. इन संयंत्रों द्वारा अब भू-जल का भी अंधाधुंध दोहन कर बड़ी आबादी को जल संकट की ओर धकेल दिया है. यदि इन परिस्थितियों पर ध्यान नहीं दिया गया तो जल संकट से जूझ रहे क्षेत्रवासियों को एक-एक बूंद जल प्राप्ति हेतु संघर्ष करना पड़ेगा.

सैकड़ों एकड़ जमीन प्लांट की इस्ट से बर्बाद

संयंत्र प्रबंधन द्वारा ईएसपी चालू रखने के बढ़ चढ़कर दावे किये जाते हैं, पर रात्रि के दौरान ऐसे कुछ संयंत्र के दावों की सच्चाई संयंत्र की चिमनियों से निकलने वाले धुओं से परखी जा सकती है. अंचल में पूर्व से स्थापित सीमेंट संयंत्रों द्वारा विस्तारीकरण करते हुए नवीन यूनिट स्थापना किया गया है.

कैसे व्यर्थ होता है जल

संयंत्रों द्वारा प्रशीतक के रूप में, सीपीपी आपूर्ति हेतु, संयंत्र से उत्पन्न इस्ट को दबाने हेतु, बॉयलर, डीएम प्लांट, रॉ वॉटर टैंक, शोधक हेतु, फिल्ट्रेशन प्लांट, आरओ रिजेक्स हेतु हजारों-लाखों गैलन टन भू-जल का उपयोग प्रतिदिन किया जाता है. इसमें जल पुर्नचक्रण के नाम पर पानी का उपयोग करने के दौरान पूरा पानी भाप बनकर उड़ जाता है.

आमजन के हितों पर कुठाराघात

सामाजिक उत्तरदायित्व का ढिंढोरा पीटने वाले संयंत्रों को जनहित से कितना सरोकार है. इसका प्रत्यक्ष उदाहरण भी देखा गया है. जहाँ एक संयंत्र द्वारा जल संसाधन विभाग के कतिपय भ्रष्ट अधिकारियों के साथ मिलीभगत कर बलौदाबाजार नगर पालिका क्षेत्र हेतु शिवनाथ नदी पर तैयार किये गये एनीकट का स्थल ही परिवर्तित कर दिया गया था.

Amar Ujala 08-June-2021

गंगा जल में कोरोना की मौजूदगी पर केंद्र ने शुरू किया अध्ययन

नई दिल्ली। गंगा के जल में कोरोना के वायरस की मौजूदगी को लेकर केंद्र सरकार की ओर से अध्ययन शुरू किया गया है। दरअसल, कोरोना की बेकाबू दूसरी लहर के दौरान उत्तर प्रदेश और बिहार के कुछ जिलों में गंगा में शवों

कन्नौज से पटना
के बीच 13 जगहों
से लिए गए नमूने

को बहाए जाने
के मामले
प्रकाश में आने
के बाद

संक्रमण की आशंका जताई जा रही थी। हालांकि विशेषज्ञ ऐसी किसी आशंका को पहले ही खारिज क चुके हैं, लेकिन गंगा जल की गुणवत्ता और दावे के प्रामाणिक आधार के लिए यह अध्ययन किया जा रहा है। भारतीय विष विज्ञान अनुसंधान, लखनऊ के निदेशक सरोज बातिक के अनुसार पहले चरण में कन्नौज से पटना के बीच 13 जगहों से गंगा जल के नमूने लिए गए हैं। उनके अनुसार विषाणु के अध्ययन के दौरान जल से पहले वायरस के आरएनए को निकाला जाएगा फिर आरटी- पीसीआर जांच की जाएगी। दूसरे चरण के लिए नमूना संग्रह करने का काम सोमवार से शुरू होगा। एजेंसी