

Telangana Today- 28- November-2021

Rains batter TN; Stalin 'on the ground'

This is the fourth time the city recorded 100 cm rainfall in a month, says Chief Minister

CHENNAI

Monsoon rains continued to batter several regions of Tamil Nadu registering about 75 per cent showers above normal, while Chief Minister M K Stalin on Saturday inspected inundated areas here and monitored initiatives aimed at mitigation and relief.

Following inspections amid heavy rains, Stalin tweeted saying that in the past 200 years, "this is the fourth time Chennai recorded 1,000 MM (100 CM) rainfall in a single month." He quoted experts. The Chief Minister praised local authorities, police and government employees of various departments for their hard work without any respite.

Such dedicated work has prevented loss of lives and lowered damage to properties here to the maximum possible extent and ensured keeping the situation under control despite the heavy rainfall, he said.

In his capacity as the Chief Minister, Stalin said he worked 'on the ground'



Young men sit in a tub as another man pushes them on a waterlogged street in Chennai on Saturday. —Photo: PTI

alongside field personnel and would continue to do so and appealed to officials and elected representatives to carry on rain related relief/mitigation work as more rain rainfall has been

forecast for the next few days. In view of widespread rainfall that include northern regions and southern parts of Tamil Nadu like Tirunelveli, and the Meteorological Department's fore-

cast of showers, especially in regions close to the coast till November 29 morning, authorities here said 11,329 people have been housed in 123 safe shelters. These shelters are spread across Tiru-

vallur, Kancheepuram, Chengelpet, Cuddalore, Nagapattinam, Pudukottai, Tuticorin, Ariyalur, Permbalur, Dindigul, Ranipettai, Tirupattur, Tiruvannamalai and Vellore districts. PTI

Deccan Herald- 28- November-2021

4 river rejuvenation Ganga Connect chapters launched in UK

LONDON, PTI

The National Mission for Clean Ganga (NCMG) and the High Commission of India in London have unveiled a new India-UK collaboration effort as part of the Namami Gange river rejuvenation agenda with the launch of four new chapters in Britain.

The Ganga Connect exhibition, which has been touring the UK since earlier this month, concluded its journey at India House in London this week with the launch of Ganga Connect chapters in London, Midlands, Scotland and Wales.

Each chapter will have convenors who will connect various groups with the Namami Gange programme, including scientists, technology companies, investors and community members, to host workshops and outreach programmes to raise awareness around the Ganga rejuvenation efforts. "This is about bringing information to the diaspora and encouraging them to participate," said Indian High Commissioner to the UK Gaitri Issar Kumar.

"This exhibition contributes to creating awareness among stakeholders, potential partners including universities, research organisations and private sector partners. There are 10-12 UK companies involved in the Ganga River Basin. We want to make sure people from all over the UK are able to participate," she said. The exhibition was inaugurated by Minister of Environment, Forests and Climate Change Bhupender Yadav in Glasgow on the margins of COP26 climate summit earlier this month.

The Hindu- 28- November-2021

Storage at 97.28% in Idukki dam

A CORRESPONDENT

IDUKKI

With a fall in power generation at Moolamattom for the past three days, the water level in the Idukki dam reached 97.28% of the storage level on Saturday. The water level at 3 p.m. was 2,400.72 ft.

As per the new rule curve, the blue alert level is 2,395 ft, orange alert 2,401 ft, and red alert 2,402 ft. The upper rule level is 2,403 ft.

The power generation at Moolamattam on Friday was 14.544 million units. A dam safety official said the catchment area received nominal rainfall and there was a decline in inflow through the Periyar on Saturday. If there was no heavy rainfall, the water level would start declining in a day or two at the present level of power generation, he said.

Mullaperiyar

The water level in the Mullaperiyar dam was slowly decreasing and was 141.55 ft at 3 p.m. on Saturday. Tamil Nadu closed all spillway shutters except one, which was kept open by 8 cm on Saturday.

There was an average inflow of 1,765 cusecs while the tunnel discharge was 1,200 cusecs and the water released to the Periyar was 139 cusecs. The maximum storage level is 142 ft.

The Tribune- 28- November-2021

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As part of the London stop, a number of business, finance and scientific roundtables were chaired by Rozy Agarwal, Executive Director of National Mission for Clean Ganga (NMCG), and Dr Vinod Tare, founding head of think tank and innovation agency cGanga and a faculty at IIT-Kanpur. Minister of Jal Shakti Gajendra Singh Shekhawat also hosted a virtual roundtable with eminent members of the Indian diaspora. — PTI

Sunday Standard- 28- November-2021

A FOREST OFFICER'S EFFORTS TO REJUVENATE DYING SPRINGS AND STREAMS OF THE HEVAL RIVER WITH THE PARTICIPATION OF CHAMBA VILLAGERS TASTES SUCCESS, FINDS OUT VINEET UPADHYAY

BRINGING A RIVER BACK TO LIFE

+ve UTTARAKHAND

DHARAM Singh Meena, divisional forest officer of Narendra Nagar forest division in Uttarakhand, has earned the moniker 'Bhagirathi Ji' because of his stellar contribution to rejuvenate the Heval river. Over one lakh people in 23 villages and Chamba town get their drinking and irrigation water from the river.

Factors aggravated by anthropogenic activities – mining, release of industrial waste, smelting of ore, incineration of fossil fuel, particularly coal – had forced the river to dry up. "The sudden increment in runoff water during monsoon, becomes catastrophic for farmers in the area. We started a project in 2018 to rejuvenate dying springs, streams, and the riverbed," explains the Indian Forest Services (IFS) officer. "Our main objective was to restore or create near natural conditions to revive the springs (the main water source)," says Meena, who holds a Masters in Forest Products from University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh.

Meena launched the project five days after his posting in the division. The project involved training, survey and



The 'Heval River Rejuvenation' project by Dharam Singh Meena (centre, in blue shirt) involves training, survey and outreach with NGOs and institutions such as IIT-Roorkee

outreach with the help of NGOs and institutions such as the National Institute of Hydrology, Roorkee and IIT-Roorkee, and Centre Soil and Water Conservation, Research & Training Institute (CSWCRTI), Dehradun.

"We had a colleague VD Saklani from Saklana village, also known as 'Vriksh Mitra' (Hindi for 'a friend of trees'). He notified me about the water scarcity in the Holm areas above the river, besides Gangotri National Highway. The belt is famous for vegetables and spices," recalls Meena.

Most of Heval river flows through the reserve forest area with a watershed area of 25466.33 hectares, which means no interference from any other department. In time, Meena

decided to do his bit for the river and launched the 'Heval River Rejuvenation' project.

The Heval, at an altitude of over 8,000 feet, is one of the tributaries of the Ganga and is formed by confluence of small streams in Tehri district of the hill state. "An innovative geo-hydrological study based on spring-shed technique was adopted. In this, aquifer recharge is the main objective and the revival of springs in the entire landscape is the key. This technique has shown encouraging results as we completed revival work in 66 springs and 17 streams," says Meena.

Mountain springs emanating naturally from unconfined



aquifers are the primary source of water for rural households in the Himalayan region. Due to the impacts of climate change on precipitation patterns such as a rise in rainfall intensity, reduction in its temporal spread, and a marked decline in winter rain, coupled with other anthropogenic causes, the problem of dying springs has become common across the Himalayan region.

The project resulted in substantial additional recharge of water contributing to 865.86 lakh litres of groundwater, increase in water discharge level in 23 springs, afforestation of 697 hectares with plantation of around

9,88,400 trees and shrubs suited to local climes. All this work generated employment in 34 panchayats.

Gunogi Pradhan, Kheemanand Kothari, Village Pradhan of Gunogi, said, "*Sahab hamare liye Bhagirathi ban kar aaye* (sir has come here as the seer Bhagirathi). He has solved the water scarcity problem."

Meena has also developed an advanced system of forest fire management that is being used across the country. "This model provides real-time forest fire information; even smallest fires can also be detected. With an automatic fire alert system, forest fires are detected, formulated and then information is disseminated directly to the forest guards through SMS."

BEYOND OFFICIAL BRIEF

ब्रिटेन में 'गंगा कनेक्ट' की चार शाखाएं खोली गई

लंदन, ग्रेटर : राष्ट्रीय स्वच्छ गंगा मिशन (एनसीएमजी) और लंदन स्थित भारतीय उच्चायोग ने नमामि गंगे नदी पुनरुद्धार एजेंडा के तहत भारत-ब्रिटेन सहयोग की कोशिशों के लिए यहां पर चार शाखाएं खोली हैं। ब्रिटेन में इस माह के शुरू से ही 'गंगा कनेक्ट' प्रदर्शनी चल रही है और इसका समापन इस सप्ताह लंदन स्थित इंडिया हाउस में लंदन, मिडलैंड, स्काटलैंड और वेल्स में 'गंगा कनेक्ट' की शाखाएं शुरू करने के साथ हुआ। हर शाखा में समन्वयक होगा जो वैज्ञानिकों, प्रौद्योगिकी कंपनियों, निवेशकों और समुदायों के सदस्यों सहित विभिन्न इंटरेस्ट समूहों को नमामि गंगे कार्यक्रम से जोड़ेगा।

Haribhoomi- 28- November-2021



रायपुर, रविवार 28 नवंबर 2021

haribhoomi.com

देश-विदेश **हरिभूमि**

दक्षिण भारत में बारिश ने ले ली अब तक 172 की जान, तमिलनाडु के 18 जिलों में रेड अलर्ट

एजेसी >>> चेन्नई

तमिलनाडु में शुक्रवार को मूसलाधार बारिश से 5 और लोगों की मौत हो गई। बारिश के चलते राज्य में मरने वालों की संख्या 68 हो गई है। वहीं अन्य राज्यों में हुई मौत के आंकड़ों के मुताबिक 1 नवंबर से अब तक पांच दक्षिणी राज्यों में 172 लोगों की मौत हो चुकी है। आईएमडी के बारिश के आंकड़ों में कहा गया है कि 1 नवंबर से 25 नवंबर के बीच दक्षिण प्रायद्वीपीय भारत में 143.4% अधिक बारिश दर्ज की गई।

इन जिलों में मृतकों की संख्या अधिक

दक्षिण भारत में इस माह हुई बारिश में मरने वाले तमिलनाडु के सबसे अधिक 68 हैं। इसके बाद केरल में 48, आंध्र प्रदेश में 44 और कर्नाटक में 12 लोगों की मौत हुई है। इस बीच मौसम विभाग ने 2 दिसंबर तक दक्षिण भारत में और अधिक बारिश होने की चेतावनी देते हुए 18 जिलों में अलर्ट जारी किया है।

अनुमान से अधिक बारिश

आईएमडी के शुक्रवार को जारी हुए बारिश के आंकड़ों में कहा गया है कि 1 नवंबर से 25 नवंबर के बीच कर्नाटक और केरल में सामान्य से 110 फीसदी से अधिक बारिश हुई। तमिलनाडु, जहां आमतौर पर पश्चिमी तट पर मौजूद राज्यों की तुलना में इस मौसम में कम वर्षा होती है, वहां उत्तर-पूर्व मानसून के दौरान 70% अधिक वर्षा दर्ज की गई है, जो 1 अक्टूबर से शुरू हुई थी।

18 जिलों में रेड व ऑरेंज अलर्ट

मौसम विभाग ने तमिलनाडु के पूरे तटीय क्षेत्रों के 18 जिलों में रेड अलर्ट और ऑरेंज अलर्ट जारी किया है। राज्य के 38 में से 37 जिलों में भारी बारिश हुई। मौसम विज्ञान विभाग के मुताबिक श्रीलंकाई तट से दूर बंगाल की खाड़ी के ऊपर बने साइक्लोनिक सर्कुलेशन के कारण लगातार बारिश होने की संभावना है।

