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विषय : दिनांक 12 July 2023 की समाचार की कतरन ( News Clippings ) प्रस्तुत करने के सम्बन्ध में ।

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

संलग्न : उपरोक्तानुसार

( सहायक निदेशक )

उपनिदेशक

  
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निदेशक (बा.प.प्र.)

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## Flash floods likely in Shimla, 2 other districts: Met dept

► Continued From P1

Rocks and debris rolled down the mountainside and crushed a minibus on the highway at Gangnani in Uttarkashi district, killing three pilgrims from MP's De-was and their driver from Haryana when they were returning from the Gangotri shrine on Monday night. Three other passengers were critically injured and shifted to AIIMS, Rishikesh.

A man on a bike was killed in Rudraprayag in a similar accident. In Kalsi, on the outskirts of Dehradun, a big boulder crashed on a utility vehicle on Koti road, killing three people instantly.

Heavy rain lashed Uttarakhand between Monday night and Tuesday morning. "The spell will continue, particularly in the Kumaon region, over the next 24 hours," said Bikram Singh, director of the Met office in Dehradun.

In Himachal Pradesh, the hardest-hit state, officials reported six more fatalities on Tuesday. An IAF helicopter was requisitioned to airlift around 300 people, mostly tourists, stuck in camps near Chandertall lake, located at an altitude of 14,100 feet in Lahaul and Spiti district. But the copter had to return due to bad weather. A rescue team from Kaza has reached Kunzum Top and is just 8km away from the lake, officials said.

The rain has stopped since Monday evening and the rescue and road restoration work have gained pace. However, the meteorological department warned of the possibility of moderate to high flash floods in Shimla, Sirmour and Kinnaur districts.

In J&K, DGP Dilbagh Singh said the landslide-hit Jammu-Srinagar national highway was restored for traffic after five days. Vehicles stuck on the highway with 5,500 pilgrims to the Amarnath cave shrine were allowed

to proceed towards Srinagar.

The weather cleared in the plains too, but Punjab's flood situation continued to be grim — two more fatalities were reported, numerous houses and acres of cropland

remained submerged, water supply was disrupted, and power still out. Rescuers pulled out the bodies of two men from a car that was washed by floodwaters near Chandigarh late Saturday.



Locals on Tuesday inspect damage by the swollen Beas in Kullu



# 100mm of rainfall for 2 days in a row brings only pain, no gain as capital can't harvest it

## NOT MAKING MOST OF WASTE

► Experts say rainwater is a valuable resource being wasted in absence of proper **rainwater harvesting systems and stormwater drains**

► A 2021 study stated that **1.4 million gallons of rainwater** was harvested by the seven biodiversity parks during the monsoon season from June to September

### Rainfall (in mm)

- 24-hour (Between 8.30am on Saturday and 8.30am on Sunday)
- 24-hour (From 8.30am on Sunday to 8.30am on Monday)
- From 8.30am to 5.30pm on Monday



Photo: Tarun Rawat

### RAINWATER HARVESTING

► CGWB has assessed potential annual rainwater runoff of **24.4 million cubic metres (MCM) or 5,372 million gallons (MG)** out of the total of **175 MCM (38,546 MG)** available for recharge areas in Delhi

► Annual potential of rooftop rainwater harvesting is assessed at **14.7 MCM (3,236 MG)**

Source: Draft Master Plan-2041

catchment, are disrupted by construction of roads without culverts. Even stormwater drains that are supposed to recharge groundwater have been converted into sewers."

Emphasising the need for proper urban planning, Babu said, "Wetlands store the rainwater coming from catchment and recharge the water gradually into groundwater systems. Low-lying areas, which are depression or wetlands, are filled up with solid waste and developed into housing complexes. Due to this,

rainwater accumulates in the road and water has nowhere to go. It cannot enter soil, stormwater drains, wetlands and low-lying areas."

According to the draft master plan 2041, Central Ground Water Board has assessed that potential annual rainwater runoff of 24.4 million cubic metres (MCM) or 5,372 million gallons (MG), out of the total 175 MCM — 38,546 MG, is available for recharge in Delhi. The annual potential of rooftop rainwater harvesting is assessed to be about

14.69MCM (3,236MG).

Sushmita Sengupta, senior programme manager of water programme at Centre for Science and Environment, said, "It's a double whammy. When there is rain, people curse it due to water-logging. However, after the monsoon is over, people cry that the groundwater is depleting. We need immediate steps to ensure that monsoon rain is utilised in the best way to recharge groundwater."

The best possible ways to harvest rainwater, she said,

is to harvest rain from open and green areas and recharge them there through rainwater harvesting structures, connecting rainwater harvesting systems to stormwater drains.

Shashank Shekhar, professor of geology at Delhi University, said that for best utilisation of rainwater, the authorities need to ensure that rainwater harvesting systems are functional and stormwater drains are properly laned and maintained and connected to waterbodies and floodplains.



# Refusing to abandon homes, they slug it out in water world

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Anindya Chattopadhyay

**New Delhi:** At Yamuna Bazar, a locality near the Old Yamuna bridge with a population of over 1,000, most people are struggling to come to terms with the magnitude of the losses caused by the Yamuna levels breaching the danger mark.

On Tuesday, the area was flooded, with children swimming in the waters and locals hurriedly shifting their belongings to the first floor to avoid damage. Many said they had to take refuge on the terraces when the water level rose around 12pm.

"This is our home. We have been living here for more than 25 years. The authorities want us to evacuate but where would we go? No tent has been set up. It is also not easy to shift so many things," said Reena Devi, a homemaker.

Another local claimed they had not been provided with rations. "Who would be accountable if our children got hurt? How will we manage to make it through the night without electricity?" said Vivek Mishra.

Most residents work as domestic helpers, daily wagers and drivers. Mishra said while many had headed for work and would return by evening, some had managed to find shelter at their relatives' place.

"Relocation is easier said than done. People have been living here for generations. They have seen floods in the past, but this time the water has entered every corner and the rooms too. One person's house was completely submerged," he told TOI.

For children, this is an "annual affair" as their studies suffer every time. "I won't be going to school tomorrow. I don't know how long this will go on, but it's hard to manage



**Some families expressed reservation about moving out from the area. 'We will not move to the tents as snatchers and other bad elements roam there. We will sleep on the terraces of our houses,' said Shubham Kumar, who works as a salesman. Another resident said, 'Relocation is easier said than done. People have seen floods in the past, but this time the water has entered every corner and the rooms too'**

my studies in these conditions," said 13-year-old Adarsh Tiwari.

Some families expressed reservation about moving out from the area. "We will not move to the tents as snatchers and other bad elements roam there. We will sleep on the terraces of our houses," said Shubham Kumar, who works as a salesman.

LG VK Saxena visited Yamuna Bazar on Tuesday and said as the Yamuna continues to flow above the danger mark, the main reason behind waterlogging near the area and the rest of Delhi is inadequate cleaning of sewage and untreated drain water.

"Waterlogging has become a yearly ritual. Sewage cleaning is not done, drain water is not treated

properly. Due to all these things which have not been done for years, waterlogging occurs," he added.

MLA Parlad Singh Sawhney also inspected the area and said tents were being readied and ration would be distributed amongst the people. "Civil defence volunteers have been stationed and motorboats equipped with the necessary tools will be used to rescue people. Medical teams have also been asked to be on standby," he added.

At nearby Bela Estate, people were busy making preparations to leave the area. "We have packed up. We are being told water will come in a day. But we don't know where to go. Maybe we will shift under a flyover," said Abdul Alam, a local.



# Rain toll in North rises to 91, floods worsen in Punjab, UP

21 Killed In 24 Hrs,  
8 Due To Falling  
Rocks In U'khand

Uttarakhand was swamped Tuesday by heavy rain and widespread destruction as falling boulders killed eight people, including three Gangotri pilgrims from MP, in the state. Elsewhere in the rain-battered north, the weather delivered a measure of relief to Himachal, J&K, Punjab, Haryana and Rajasthan, allowing authorities to step up relief, rescue and road repair efforts.

On Tuesday, 21 more deaths were reported due to rain-related accidents, landslides and floods, taking the toll in the region to 91 since July 8. Fresh areas were inundated in flood-hit Punjab while an alert was sounded in Fazilka after water was released in Sutlej river. In UP, Agra and Prayagraj were among places on alert from a rising Yamuna and Ganga. TNN

► Flash floods likely, P 12

## CHOPPER OP TO RESCUE 300 TOURISTS IN HP FAILS

**Uttarakhand** | 8 killed, all by crashing boulders, as rain activity shifts to the state. Landslides block Badrinath, Gangotri & Yamunotri highways

**Punjab** | Flood situation grim in Ropar, Patiala, Fatehgarh Sahib and Mohali. Cane fields inundated in Gurdaspur, fresh alert in Fazilka after water is released in Sutlej. 3 more deaths

**Himachal** | Rains relent but 6 more deaths reported. IAF chopper sent to airlift 300 tourists near Chandratal, forced to turn back amid bad weather. 314 still stranded, 4 missing

**UP** | Agra, Prayagraj on flood alert as further rise in Yamuna and Ganga levels expected. 3 more die in state



One of three vehicles that were hit by falling boulders at Sunagar, on the road to Gangotri, killing four people

## Flood-hit in Delhi huddle under flyovers

Over 7,000 people have been evacuated from the Yamuna banks as the river level touched 206.6m, well above the danger mark of 205.3m. Thousands of displaced people had to shelter under flyovers on the Delhi section of Noida Link Road. P 3