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Government of India  
केन्द्रीय जल आयोग  
Central Water Commission  
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विषय : दिनांक 3/12/19 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

3/12/19  
( सहायक निदेशक ) EAD(CHM).

उपनिदेशक

3/12/19

निदेशक (बा.प.प्र.)

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

निदेशक (तकनीकी प्रलेखन)

दिनांक 3/12/19 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

Hindustan Times ( Delhi )

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✓ The Deccan Herald ( Bengluru )

The Deccan Chronical ( Hyderabad )

Central Chronical ( Bhopal )

## 17 killed as wall collapses amid heavy rainfall in TN

A Subburaj | TNN

**Coimbatore:** Seventeen people, including three children, were buried alive in their sleep after a 20-foot-high compound wall, weakened by days of incessant rain, collapsed on four tiled-roof houses at Adi Dravidar Colony at Nadoor village near Mettupalayam, about 40 km from Coimbatore early on Monday.

The stone blocks of a 50-foot-long section of the wall collapsed on the houses that were built in its shadow, trapping the people sleeping inside. Fire and rescue personnel, alerted by locals, reached the spot in half an hour, but could not save any of them. It took two hours to clear the debris and recover the bodies.

"I heard a deafening sound around 5 am. When I rushed out of my house to see what happened, all I could see was mounds of debris where the houses stood," said Ramasamy, 70, who lives nearby.

Palaniswamy, 52, lost five of his family. He escaped the tragedy as he had gone to spend the night with his brother who lived alone nearby. Two people from a third family, too, have survived as they were away



Seventeen people, including two children, were buried alive after a giant compound wall measuring 20 ft high by 50 ft collapsed on their hutments at Nadur village near Mettupalayam in Tamil Nadu

from home. One family of six was completely wiped out. Palaniswamy is the sole survivor in his family.

Local residents staged protests demanding the arrest of the man who built the wall around his palatial residence. They said S Sivasubramaniam, who owns a textile showroom, had ignored repeated requests to strengthen the wall that was built 20 years ago.

A year back, villagers had complained to the municipal authorities that the wall was weak and approached Sivasubramaniam too asking him to mend the wall. "But there was

no action," said Dhandapani, 50, a wall painter. Mettupalayam government hospital where the bodies were sent for post-mortem, was besieged by scores of grieving relatives of the deceased. A crowd blocked traffic on the Ooty-Mettupalayam road demanding action against Sivasubramaniam. Police had to lathicharge to disperse the crowd. The police have booked Sivasubramaniam under two sections, but the man has fled the place.

Chief minister Edappadi K Palaniswami announced a solatium of Rs 4 lakh each for the next of kin of the deceased.

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## Flood warning system continues to hang fire

Absence of coordination between Centre, State government on survey to blame

SPECIAL CORRESPONDENT  
CHENNAI

The lack of coordination between the Central and the State governments on completing an aerial survey for the development of a flood warning system has led to delay in generating the required data. This has left residents of flood-prone areas in the city and suburban areas wondering about their safety this monsoon season.

Residents have been waiting for a flood warning system covering the Cooum, Adyar, Buckingham Canal, Kosasthalaiar, Araniar, Nandhiar and Nagariar. Even after several meetings of officials concerned, the delay in taking up the survey has persisted, affecting flood preparedness during the monsoon. Owing to the presence of strategic installations in the city, getting clearance for an aerial survey remains a challenge.

After the floods in 2015, the civic body proposed an early warning system for rivers such as Adyar and Cooum. Smart City Mission projects also proposed



**Hot spot:** The desilting work being carried out by the PWD on the Adyar river has turned it into the perfect perch for a pod of pelicans.  
• S. R. RAGHUNATHAN

various initiatives to commission infrastructure to warn residents about floods. However, the survey for an integrated flood warning project is yet to be taken up using technology such as Lidar, drones or using data from satellite imagery.

According to officials, a few neighbourhoods of Chennai and its suburbs have already benefit-

ed from the cut and cover drains developed along highways in the past few years. For example, flooding in Mudichur Road, Narayanapuram and Adhanur has reduced this year because of the development of underground drains developed using 'cut and cover' technique. "More such macro drains are required for reducing flooding in the city and

suburban areas. A lot of canals have been lost because of urbanisation," said an official. The underground drains will mitigate flooding during 30 cm of rain. Rainfall of more than 30 cm needs other projects such as flood warning system.

### More drains

Officials said the development of more underground drains, widening of rivers, construction of evacuation shelters and integrating them with the flood warning system are crucial aspects of flood preparedness in the city. "We will not acquire land for widening rivers in urbanised areas of Chennai. We will only remove encroachments along the rivers. The World Bank will not fund projects that require land acquisition," said an official.

The ₹3,000-crore project on flood mitigation in the State, approved by the Union Ministry of Economic Affairs, is expected to facilitate the development of more underground drains and new canals to mitigate flooding.

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## CM reviews preparedness for heavy rains

SPECIAL CORRESPONDENT  
CHENNAI

In view of the forecast of heavy rain in parts of Tamil Nadu, Chief Minister Edappadi K. Palaniswami on Monday chaired a meeting at the Secretariat to review the arrangements made.

Commissioner for Revenue Administration J. Radhakrishnan made a presentation to Ministers and officials, detailing the precautionary measures put in place.

A total of 639 zonal teams have been set up to identify vulnerable areas.

"So far [till Monday morning], a total of eight persons have been killed in rain-relat-



Chief Minister Edappadi K. Palaniswami chairing a meeting of officials at the Secretariat on Monday.

ed incidents on November 29 and 30 and December 1 [excluding the 17 deaths in Mettupalayam], and eight others have been injured. A total of 58 heads of livestock have been killed in these incidents, and 1,305 huts and 465 houses with tiled roofs have been destroyed," stated

an official release. The Chief Minister has instructed officials to disburse compensation. People have been lodged in relief camps in Cuddalore (805), Tirunelveli (38) and Thoothukudi (73) districts, respectively.

Besides multi-purpose centres to house people

from low-lying and waterlogged areas, 4,768 schools, 105 colleges, 2,394 wedding halls and community centres have been readied to house those who have been displaced. Over 2,100 generators and 480 pumps have been sourced. Around one lakh electric poles have been kept ready should the need arise, according to the release.

Besides 1,000 personnel from the SDRF, over 4,100 people trained by the NDRF and the SDRF and 1,800 other personnel have been deputed to various districts. Around 6,600 personnel have been deployed across Chennai district.

## Rainwater inundates Chromepet GH

Dialysis unit shut,  
OPD ward shifted to  
first floor of hospital

SPECIAL CORRESPONDENT  
CHENNAI

Sunday's heavy rains caused flooding at the Chromepet Government Hospital, forcing the hospital authorities to shift some of the wards to the first floor and also shut down the dialysis unit.

The government hospital, located on GST Road, was flooded after a small stretch of the road was inundated near the MIT flyover.

The inundation of a portion of the ground floor of the hospital caused severe inconvenience to patients. The flooding occurred despite a stormwater drain on GST Road, hospital officials said.



**Flirting with danger:** Despite a warning, children play in floodwaters at Vempakkam in Kancheepuram on Monday. • B. VELANKANNI RAJ

tient ward, forcing us to shift it to the first floor. The dialysis unit functioning in the ground floor had to be closed and the equipment was shifted to the first floor," said a senior doctor at the hospital.

V. Santhanam, whose house

Chromepet GH, said that whenever there is heavy rain, the hospital faces inundation and this has been happening for more than a decade.

**Lake encroachment**

He said that the encroachment

nearby was the reason for the flooding of the hospital as it was on a low level.

He urged the government to construct additional floors to accommodate the various wards located in the ground floor and convert the ground floor into a parking area.

The hospital authorities said the Public Works Department had deputed an assistant engineer to take necessary steps to drain out the rainwater.

**Steps on to close channel**

Pallavaram Municipality officials said that steps had been taken to close the channel near the railway track in Chromepet through which water overflowed on to the GST Road. The blockages had been identified in three places in the drain network on GST Road, including the one near the government

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## Rain to continue till Wednesday

Deficit for the season wiped out



Though the city did not experience heavy showers on Monday, the sky remained overcast. ■ B. JOTHI RAMALINGAM

SPECIAL CORRESPONDENT  
CHENNAI

While rain is likely to ease in the northern parts of the State, southern T.N. will continue to receive rainfall for two more days, the Meteorological Department has said.

Heavy rain over the weekend has wiped out the deficit for the season. Tamil Nadu has received about 40 cm of rainfall so far, against its seasonal share of 36 cm – a 11% excess. It needs just 4 cm more to reach its average for the season, officials said.

During the 24 hours ending 8.30 a.m. on Monday, Mettupalayam in Coimbatore district received very heavy rainfall of 18 cm, the highest in the State for the day. Coonoor in the Nilgiris and Palaviduthi in Karur district each recorded 13 cm of rainfall.

### Trough the reason

A trough that runs from the southwest Bay of Bengal off

influence rain for the next few days.

S. Balachandran, Deputy Director General of Meteorology, Chennai, said a low pressure area over the Lakshadweep area and the adjoining southeast Arabian Sea also influenced good easterly flow, which was favourable for wet weather in Tamil Nadu.

“The present rain spell will continue. While south Tamil Nadu will receive scattered rainfall, the intensity and spatial coverage of rain will be less in the northern parts of the State,” he said. There are chances of heavy rain in one or two places on Tuesday and Wednesday.

The weather stations in Nungambakkam and Meenambakkam recorded 4 cm and 6 cm respectively. Chennai will experience light to moderate showers till Wednesday.

Nearly 107 minor and major tanks in Kancheepuram and Chengalpattu districts

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# Major city reservoirs receive copious inflows

The combined storage of the four waterbodies stands at 4,091 million cubic feet currently

K. LAKSHMI  
CHENNAI

Heavy rains over the weekend brought copious inflows into the four major waterbodies that cater to the drinking water requirements of the city.

Though the rains reduced by Monday morning, the reservoirs are continuing to receive a steady inflow from their catchment areas. The combined storage in the four city reservoirs stood at 4,091 million cubic feet against their capacity of 11,257 mcf. Last year, on the same day, the lakes had a total storage of only 1,694 mcf.

**We need an additional storage of a minimum of 2,000 mcf in reservoirs for comfortable city water supply in the coming year**

OFFICIAL

Officials of Water Resources Department said nearly 806 mcf of water was added to the storage of the reservoirs in the past two days. The storage in the waterbodies has gone up by 10% due to the rain spell.

## Heavy inflows

Three waterbodies in Red Hills, Chembarambakkam and Poondi are receiving a heavy inflow of about 2,000 cusecs (cubic feet per second). As inflows continue, officials are confident of a further rise in storage.

During the 24 hours ending 6 a.m. on Monday, Cholavaram lake recorded the

cm and 7 cm respectively.

Rains that pounded the neighbourhood of Chembarambakkam lake brought in considerable inflow into the otherwise parched waterbody. The water level is now has almost a third of its storage capacity.

## 'Clear vegetation'

However, residents have demanded that vegetation in portions of the lake be cleared to facilitate quicker and smooth flow of water.

The lake in Poondi continues to receive Krishna water apart from rainwater through the Kosasthalaiyar river. On Monday, it received an inflow of 543 cusecs of Krishna water. In the past two months, the Kandaluru-Poondi canal, which enters the State at Uthukottai, Tiruvallur, has received 2,492 million cubic feet of Krishna water, which has helped maintain storage in the lakes and also boost drinking water supply to 650 million litres a day.

Officials note that the storage in the three reservoirs has touched nearly 36% of their capacity. "We expect the next few rain spells in December to fill the reservoirs. We need an additional storage of a minimum of 2,000 mcf of water in the reservoirs for comfortable supply in the coming year," said an official. The available storage in the four reservoirs would help sustain the current supply for at least six months.

Moreover, the Veeranam tank in Cuddalore district

## Hope floats

Rains in the last few days have brought inflows to the four reservoirs that cater to the drinking water requirements of Chennai

Reservoir	Storage (in mcf)	Capacity (in mcf)	Inflow (in cusecs)	Storage on same day last year (in mcf)
Poondi	1,229	3,231	2,925	379
Cholavaram	131	1,081	440	40
Red Hills	1,818	3,300	2,161	1,094
Chembarambakkam	913	3,645	1,923	181
<b>Total</b>	<b>4,091</b>	<b>11,257</b>		<b>1,694</b>

■ The entry point of the Kandaluru-Poondi Canal in Uthukottai, Tiruvallur district, received 543 cusecs. This, along with rainwater, flowed into the Poondi reservoir

■ The Veeranam tank, which supplies about 180 million litres of water daily to Chennai, is also brimming with water. It has a storage of 1,124 mcf against its capacity of 1,465 mcf

■ In the past two months, Chennai has received 2,492 mcf of Krishna

A view of the Red Hills reservoir, which is getting abundant inflows. ■ B.JOTHI RAMALINGAM

