

भारत सरकार
Government of India
केन्द्रीय जल आयोग
Central Water Commission
बाढ़ पूर्वानुमान प्रबोधन निदेशालय
Flood Forecast Monitoring Directorate

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दूसरा तल, दूसरा विंग (दक्षिण), पश्चिमी खण्ड-2,
रामाकृष्ण पुरम, नई दिल्ली-110066

विषय : दिनांक 5.9.19 & 6.9.19 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

6/9/19
EAD(HM).
(सहायक निदेशक)

उपनिदेशक

निदेशक (बा.प.प्र.)

on meechy

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

निदेशक (तकनीकी प्रलेखन)

दिनांक 5-9-19 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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The Deccan Chronicle (Hyderabad)

Central Chronicle (Bhopal)

Lakhs stranded as 206mm rain in 6 hrs stops trains, paralyses city

Mithi Havoc After 2nd Highest Sept Rain In A Decade

TIMES NEWS NETWORK

Mumbai: Six hours of heavy downpour on Wednesday brought the city to its knees, stalling all three major train routes, paralysing traffic and leaving lakhs of commuters stranded.

Two BMC labourers at work in water-logged Goregaon died. The reason is not clear. A seven-year-old boy is feared dead after he fell into an open gutter in a flooded road in Nalasopara (E).

School edu minister Ashish Shelar tweeted that holiday has been declared for schools & jr colleges on Sept 5, P 3

The Met department warned of heavy to very heavy rain at isolated places on Thursday.

An extraordinary September deluge of 217.4mm, the second highest in a single day in a decade, led to the Mithi river overflowing again and flooded parts of the city. Coupled with a high tide of 4.18m around 3.27pm, it brought the Harbour line, CR Main line as well as the WR to a crawl and finally a halt. The raging river led to the evacuation of 500 residents of Kramti Nagar in Kurla, and 900 more from Bamandaya Pada near Marol in Andheri (E) by fire brigade and NDRF personnel.

On Wednesday, from 8.30am to 8.30pm, the rainfall recorded by IMD Santacruz observatory was 206.6mm—it falls in 'extremely heavy' category—making it the second highest spell this monsoon season, after the July 1-2 burst of 375mm. IMD Colaba recorded 71.2mm rain.

Navi Mumbai experienced over 387mm rainfall in the last 32 hours since Tuesday 8.30am, and Thane got 149mm in 12 hours from 8.30am on Wednesday.

Services were first truncated along the Churchgate-Andheri route on WR and suspen-



S L Shanth Kumar & Uma Kadam

THE RAIN...

217.4mm in 12 hours between 8.30am-8.30pm on Wed

2nd heaviest shower this season, after July 1-2 burst of 375mm

499.5mm (till 8.30pm) received since

Sept 1. Avg rain for month is 327.1mm

Forecast today

Orange alert: (Heavy-very heavy rain in isolated places)

Friday: Green (light-moderate rain)

...THE PAIN

WR, CR (Main and Harbour) halt together for first time after 4 years

Arterial roads like Western and Eastern express highways, JVLR, LBS Marg, S V Road, clogged, causing delays of 3-4 hours

88 spots water-logged; 29 road closures; 170 vehicle breakdowns

950 services affected



20% shortage in autos, refusals rampant citing water logging

3x surge pricing on app cabs at many places, wait time is longer

20 flights cancelled, 300 delayed, 5 go-arounds

1.7L in dark due to power cut in Vasai, Nalasopara & Virar. Outage in many parts of island city too

ded on the Vasai-Virar sections. With barely one train running every 30 minutes, weary passengers waited two to four hours in crowded stations, while those on trains were stranded on flooded tracks. Kurla, Sion and Matunga fared badly.

Services resumed on WR in the evening, prompting dangerous tussles to get on board. On CR, many commuters in the lurch prepared to spend the night on platforms as services did not start till late in the evening. Temper flared and protests were re-

ported from some stations like CSMT and Byculla. Long-distance trains were also affected, and trains to Pune have been cancelled for Thursday.

As trains halted, people spilled on to the roads, already choked at places due to water-loggi-

ng, and paralysed traffic. Flooding disrupted traffic along inner roads in Andheri, arterial roads in Dadar-Parel as well as Western Express Highway. Usual trouble spots like Hindmata, Kurla, Khar were submerged.

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The Deccan Chronical (Hyderabad)
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Over 1,000 people living along Mithi river's banks evacuated

Water Levels Went Up Dangerously After 9AM

Clara.Lewis@timesgroup.com

Mumbai: For the third time this monsoon, residents of Kranti Nagar had to be evacuated as waters from the nearby Mithi river inundated their homes. Families from Bamandayapada in Andheri (E), also right next to Mithi river, too had to be evacuated. For them, it was the second time this monsoon.

Manish Valanju, assistant municipal commissioner, said waters of the Mithi river started rising dangerously from 9am onwards. "It was raining very heavily, and the bridge across the river has danger markings on it. Between 9am-10am it had touched three metres, and when it crossed 3.3 metres, we began evacuating people to a nearby school," he said.

As the river waters began to rise, people moved to homes of neighbours, friends and relatives on the upper floors. The evacuation, which started around 11am, continued till late afternoon. The National Disaster Response Force was called in, as also the Navy. "Around 450 people, mostly women, children and senior citizens, had to be evacuated. Most of the men had already left for work," Valanju said. Rajesh Singh, a resident of



Kranti Nagar who lives in higher ground, said water inundated the ground-floor structures. "Many people were reluctant to leave and so just moved to the upper floors," he said.

Ashraf Azmi, a local Congress corporator, said the BMC since 2007 has spent Rs9,100 crore on improving Mumbai's drains, but "there is no relief."

A local civic official on condition of anonymity said water in the river at Kranti Nagar do-

es not flow even during low tide. "There needs to be a geological investigation why this is so. Also, at the mouth where the river meets the sea, it is only 100m wide while upstream in BKC it is 200m wide. Water does not flow out smoothly," he said. At Bamandayapada, Ashok Matekar, a local Sena leader, ensured over 800 people were safely evacuated. His wife is the local corporator.

"This is a low-lying area,

there are high rises all around and it is right next to the retaining wall. After the wall was built, for many years it did not flood, but this monsoon we have had to evacuate the people twice," he said.

Advocate Godfrey Pimenta, who resides in the Andheri Gaothan, said the area would never flood earlier but this monsoon it has been water-logged. During the day, Aarey Road was shut for traffic as it was flooded.

दिनांक २१.११.१९८१ को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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Suburbs get thrice as much rain as island city

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Mumbai: The island city, as usual, received much less rain than the suburb even on a day of intense downpour. In the 12 hours between 8.30am and 8.30pm on Wednesday, while the Colaba weather station recorded 71.2 mm rain, the Santacruz centre measured over thrice that, 217.4 mm. Since the onset of the monsoon, suburban areas like Vikhroli, Dindoshi, Kandivli, Borivli and Mulund have recorded the maximum rain, while Mumbai's central and southern parts have received comparatively less rainfall.

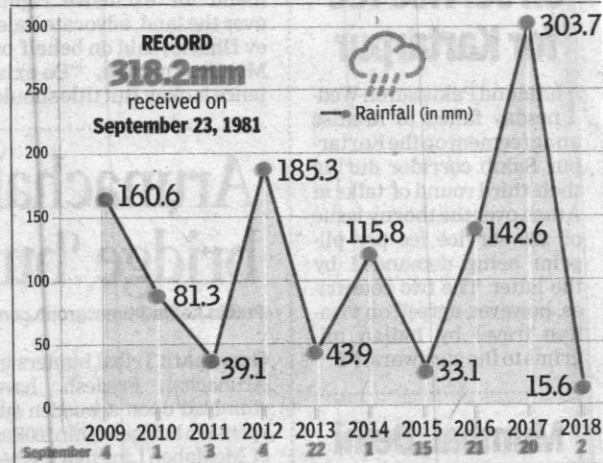
What explains the disparity? Climatologists say wind patterns differ for the city's narrow peninsular south and the wide north, which is almost contiguous with the mainland. The two regions also vary in terms of topography and layout: the suburbs are hilly, greener and have lakes, with the national park being a major climatological influence, while the island city is more densely built up, with thin green cover. Because of these factors, says the weather bureau, rainfall recorded by the Colaba and Santacruz stations are dissimilar.

"If there is a low pressure system, then the line of monsoon trough is seen diagonally going to Gujarat and Rajasthan. Accordingly, winds are stronger in the suburban side as compared to the island city," said K S Hosalkar, deputy director general (western region), India Meteorological Department. "Another factor is land mass. This is to be considered as (south Mumbai) is a narrow piece of land compared to the suburban mass." The implication is that it is easier for clouds to pass over a sliver of land, resulting in less precipitation than in a much broader land area. "Then there's topography and the presence of green belts like



WHO'S HELPING WHOM? It's not easy to tell on an inundated SV Road

HIGHEST SEPT RAIN DAYS OF DECADE



the national park and Aarey Colony in the suburbs," said Hosalkar, meaning that such factors affect cloud formation.

Additionally, during a heavy rain event, a cyclonic circulation forms near the northern Arabian Sea, owing to which winds blow in a north-westerly direction—as per IMD's classification, Colaba on Wednesday received heavy rain (64.5-115.5mm) and Santacruz extreme rain (over

204.5mm). "During such a phenomenon, the island city gets monsoon winds from the south, and (wetter) cloud bands from the northwest over the suburbs," said Sridhar Balasubramanian, an associate professor at IIT-Bombay. "The pattern was similar in July and August too, with a low pressure area in the Bay of Bengal triggering a cyclonic circulation in the Arabian Sea, resulting in more rainfall in Mumbai's suburbs."

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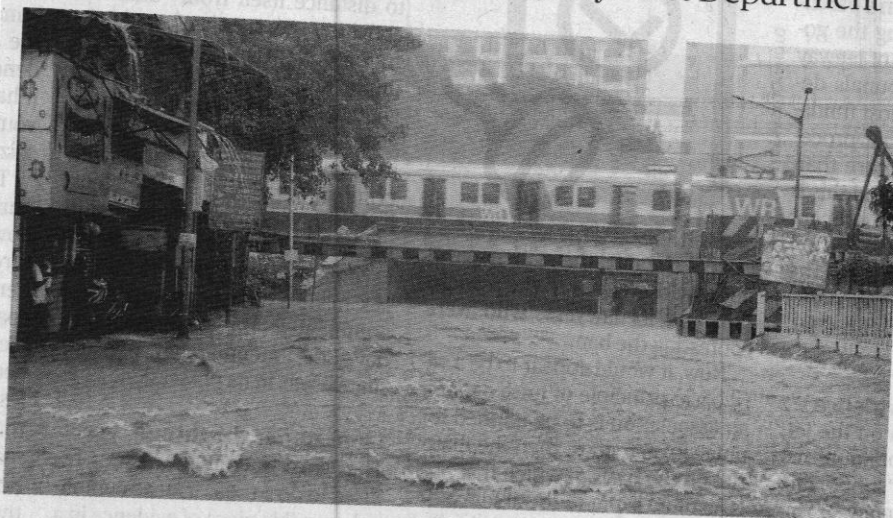
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Heavy rain brings Mumbai to a standstill

Intermittent rain and showers likely, says Met Department



SPECIAL CORRESPONDENT
MUMBAI

Mumbaikars woke up to heavy rainfall on Wednesday morning, which lead to waterlogging in several key spots and affected the city's suburban railway system and traffic.

While the island city received light rain in the morning, the eastern and western suburbs received between 11 mm and 14 mm of rainfall from 7 a.m. to 8 a.m.

The India Meteorological Department (IMD) has given a forecast of intermittent rain and shower, with very heavy rainfall at isolated places in city and suburbs. As a precautionary measure in the wake of the IMD's warning, schools have been asked to remain closed today.

"The principals of the schools where students are already in are requested to take all precautions and ensure that the children are sent back home carefully and safely," said an official from the Brihanmumbai Municipal Corporation.

Due to the heavy showers, there were multiple point failures at Virar, affecting suburban rail services on Western Railway (WR).



Monsoon fury: The flooded Andheri subway, top, and a flooded street in Parel. • EMMANUEL YOGINI & VIJAY BATE

Trains were running 15 minutes late between Vasai Road and Churchgate, with very few services being run between Virar and Vasai Road. On the Central Railway's (CR), Central Line as well as Harbour Line, services were over 20 minutes late as water entered the tracks at various spots.

According to Mumbai police, traffic is moving slow due to heavy showers and waterlogging at various spots across the city.

Traffic snarls have been reported at Amrut Nagar Jn, Gandhi Nagar at Kanjur-marg, Sakinaka Junction, Sonapur Junction at Mu-

lund, Netaji Palkar Chowk in Andheri Ganesh Mithanna in Antop Hill, 90 Feet Road in Dharavi, Andheri Subway, Chincholi Port Rd. in Malad, Shivaji Chowk in Antop Hill, Western Express Highway near Metro Station, Milan Subway, King Circle, Poisar Subway, Hindmata Junction, Dadar T.T Circle, Postal Colony in Chembur, LBS Road in Kurla (W), Mazgaon dockyard Jn.

The rain had some minor impact on air traffic as well. An airport spokesperson said that at 10 a.m., operations at the Mumbai airport were normal with minor delays of 10 to 15 minutes.

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As Narmada dam fills, villages go under

Madhya Pradesh protests against Gujarat violating schedule ahead of rehabilitation

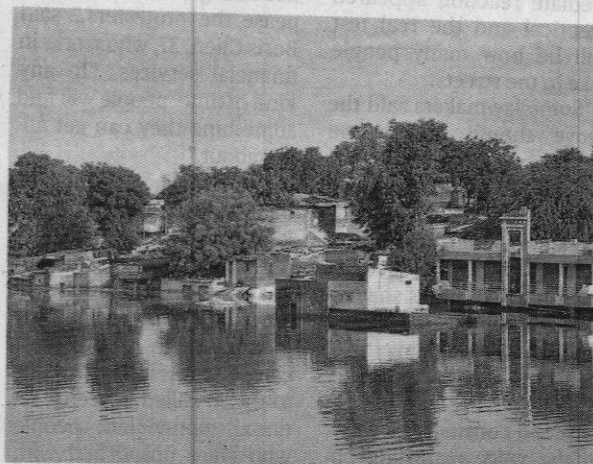
SIDHARTH YADAV
DHAR

Ahead of Raksha Bandhan, as a rising Narmada began submerging Nasirpur, Ismail Islamuddin had only eight days to rescue his family. He grabbed whatever he could — clothes, buckets and medicines — and lugged a refrigerator and a TV on a hired tractor to the other end of the town. When just a day remained, he gathered courage and rowed a boat back to salvage his Aadhaar card; but it was too late by then.

A month later, Mr. Islamuddin, who used to weld agricultural implements, points to a mass of barely visible jagged rooftops, his submerged house among them.

"That's where the bus stop was. And there, right under that peepal tree, we had our evening tea," he reminisces.

If the plan to fill the Sardar Sarovar dam to its brim by mid-October without rehabilitating the affected was not harrowing



Ominous sign: A view of the submerged Nasirpur town in Dhar district of Madhya Pradesh on Wednesday. ■ A.M. FARUQUI

enough for Madhya Pradesh, it is being done by Gujarat at a menacing pace — a month ahead of the schedule. This has spelt mayhem in villages along the banks upstream. By Wednesday, water in the dam had already risen to 135.6 metres, although 135 metres was to be achieved only by the end of September, to reach its full level of 138.68 metres by October 15.

To escape the rising waters spilling onto the streets and breaking into houses of Nasirpur in Dhar district, the largest town facing submersion, Mr. Islamuddin has rented a house, but others have not been so lucky; 270 families lay cooped up in 10-by-10 feet tin shelters at a relief camp. In the district, 26 such camps for 3,000 families, awaiting rehabilitation, have been set

up by the Narmada Valley Development Authority (NVDA).

The Madhya Pradesh government has written to the Centre flagging the filling up of the reservoir ahead of schedule, even as rehabilitation of project-affected families remains to be completed upstream.

In the letter dated September 3, M. Gopal Reddy, vice-chairman of the NVDA, informed U.P. Singh, Secretary of the Union Ministry of Jal Shakti, that while by the end of September the reservoir was supposed to be filled up to 135 metres, it was already touching 135.12 metres. "It is clear that the action is violative of the schedule provided by the Narmada Control Authority vide the order dated May 10, 2019," wrote Mr. Reddy.

Gujarat has stated that as the dam had both horizontal and vertical construction joints, it was important to test its integrity by filling it to the brim.

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Patiala residents blame faulty tiles, blocked drains

WATERLOGGING

TRIBUNE NEWS SERVICE

PATIALA, SEPTEMBER 5

Patiala faced a flood-like situation due to heavy rain-fall on Thursday morning, for which residents blamed blocked nullahs, drains and haphazard installation of interlocked tiles. The rain-water failed to recede from the roads, even hours after the downpour.

The rainwater submerged the city bus-stand and entered shops, schools, houses and other places, damaging property in several areas, including Anardana chowk, Nabha Gate, Model Town, Arain Majra and others.

Gurlal Singh, a city resident, said, "The water level reached over 4 feet at the books market. We were not able to wade through for

hours as the rainwater failed to recede through the drain pipes."

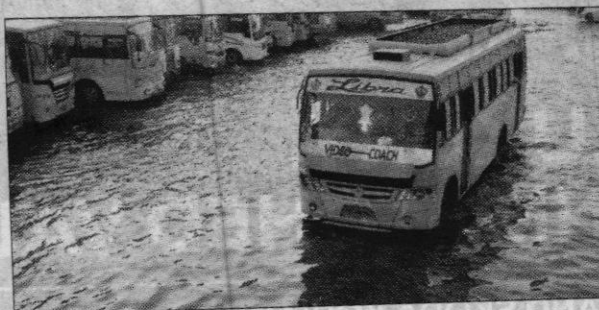
Former MP Dr Dharamvira Gandhi said the interlocked tiles had been installed wall to wall and no room had been left for water to seep in. "This has been done in the interest of someone's business of interlocked tiles. They have left no room for seepage of water. Also, the sewerage pipes are already broken."

Former Mayor Amrinder Singh Bazaz said, "The entire city got flooded due to the gross negligence and sheer mismanagement of the Municipal Corporation. The Corporation has not done periodic maintenance and cleaning of the sewers."

When contacted, Gurpreet Singh Khiara, Commissioner, Municipal Corporation, said there were manifold reasons for collection of rainwa-

Interlocked tiles have been installed wall to wall and no room has been left for water to seep in. This has been done in the interest of someone's business... Also, the sewerage pipes are already broken.

Dr Dharamvira Gandhi, FORMER MP



Buses wade through the waterlogged Patiala Bus Stand after heavy rain on Thursday. TRIBUNE PHOTO: RAJESH SACHAR

ter. He said, "The interlocked tiles were installed in the city as per public demand. Naturally, the tiles need to be installed after scrapping the previous infrastructure, as is done on highways, but here they are installed on prevalent levels only. We will also take the matter of storm water sewerage to our house meeting for a proper study of the city, planning and implementation."