

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग
जल प्रणाली अभियांत्रिकी निदेशालय



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
Water System Engineering Directorate

विषय: समाचार पत्रों की कटिंग का प्रस्तुतीकरण-16-अक्टूबर-2020

जल संसाधन विकास एवं सम्बद्ध विषयों से संबन्धित समाचार पत्रों की कटिंग को केंद्रीय जल आयोग के अध्यक्ष के अवलोकन के लिए संलग्न किया गया है. इसकी साफ्ट कापी केंद्रीय जल आयोग की वेबसाइट पर भी अपलोड की जाएगी.

संलग्नक: उपरोक्त

(-/sd)

सहायक निदेशक

उप निदेशक(-/sd)

निदेशक (-/sd)

सेवा में

अध्यक्ष, केंद्रीय जल आयोग, नई दिल्ली

जानकारी हेतु: सभी संबन्धित केंद्रीय जल आयोग की वेबसाइट <http://cwc.gov.in/news-clipping> परदेखें



Hindustan Times 16-October-2020

Flash floods claim 50 lives in Telangana



NDRF personnel help in evacuating residents from a flooded neighbourhood after heavy rainfall in Hyderabad on Thursday. At least 50 people have died in the rains in Telangana in the last few days, the state government said.

REUTERS

Deccan Chronicle 16-October-2020

Rainy spotlight on bad urban planning

The overnight heavy rains that pounded Telangana state, Andhra Pradesh and parts of Karnataka and Maharashtra have claimed scores of lives and caused destruction of property worth crores of rupees on Wednesday and if the weatherman gets it right, the region will continue to face the threat in the coming days, too. Apart from the loss of lives, the rains left several busy residential areas and commercial streets in Hyderabad flooded and houses and shops inundated. Power supply was disrupted for hours together. Even the road to the airport was washed away in the rains, marooning the city for all practical purposes.

The way the rain fury threw life out of gear in the Telangana state capital leaves some disquieting questions about our urban planning. It is unacceptable that one night's rain can bring the civic life of a growing city to halt. The threat is not specific to Hyderabad — Chennai and Mumbai had similar experiences in the recent past while the others are waiting for their turn. True, the impact of global warming and sudden changes in the weather patterns are tough to handle at the local level but the citizen's and official culpability should not go unnoticed. It's a shame that the cities which were built with proper drains decades or even centuries ago now drown in flood waters. Hyderabad had a proper way out for water in the form of River Musi but it has now become a waste dump and a victim of mindless encroachment despite several recovery plans. The smaller ones have been lost forever. It is not that the planners cannot foresee this happening and ensure that life is not completely disrupted overnight. Adequate warning and advance planning can ameliorate the hardship of the people and reduce the loss of property. The disastrous cyclones that regularly visited the eastern coast, especially Odisha, and claimed thousands of lives no more repeat their dance of death now, thanks to the improved advance warning systems and an efficient governmental machinery that ensures that the cyclone passes its way as is its wont but no lives are lost. Thiruvananthapuram, the capital city of Kerala, was saved from the devastating floods in 2018 and 2019 after a project named Operation Anantha was implemented with focus on clearing the drains five years ago. It was made possible by the determination of a team of officials, led by the chief secretary, and helped by the stringent provisions of the National Disaster Management Act, 2005.

An action plan on a similar pattern which uses technology and concepts of advance planning must be introduced in our cities to save them from such calamities. The bodies responsible for disaster management at the national, state and district levels must be made operational full-time. Laws on urban planning must be implemented strictly, violators punished ruthlessly and bureaucrats responsible for the lapses made accountable. No society which swears by rule of law can allow the situation where law-breakers thrive at the cost of the lives and livelihoods of the rest. This is the least the government can do for the city dwellers.

Deccan Chronicle 16-October-2020

TS rain damage ₹5,000 crore

CM writes to PM seeking ₹1,350 crore immediate assistance as toll hits 50

S.A. ISHAQUI | DC
HYDERABAD, OCT. 15

Chief Minister K. Chandrababbar Rao put the initial estimate of the damage caused by rains and floods in the state at ₹5,000 crore, in a letter to Prime Minister Narendra Modi on Thursday.

He urged the Centre to release ₹1,350 crore immediately, ₹600 crore for farmers and ₹750 crore for taking up relief and rehabilitation measures.

The Chief Minister, while reviewing the flood situation, instructed officials to take up relief measures on a war footing in the affected areas.

Officials put the toll at 50, revising the death count in the city to 11. They said that 20,540 houses in 144 colonies at 72 places in the city were under floodwaters and 35,000 families affected.

The CM announced ₹5 lakh as immediate compensation each to the families of the dead. He directed the authorities to distribute rice, pulses, food and three quilts per family in affected areas. ₹5 crore was announced as immediate financial assistance to the GHMC to take up relief works.

The Chief Minister said that new houses would be built for those whose houses were destroyed. Financial assistance will be given to repair houses that were partially damaged. He said houses would be built on government land for those who built houses on nalas and lost them.

Electricity authorities were told to restore power supply to apartments in low-lying areas only after draining out cellars, though it may take time.

■ Page 2: Crops in 7.35 L acres submerged



A stationary bus which was parked at Gaganpahad and fell after a road caved in, is being removed with the help of a crane after the floodwaters receded in Hyderabad on Thursday.

— R. PAVAN

Power suffered triple whammy

BALU PULIPAKA | DC
HYDERABAD, OCT. 15

Modern 'ring main units' that make electricity distribution in an urban setting a breeze were overwhelmed by the very heavy downpour.

Some very traditional habits of builders ignoring the natural lay of the land led to a few hundred distribution transformers being completely submerged in water. People broke down barriers designed to protect the sub-stations from floods, leading to the

equipment being swapped.

These were among the several reasons that contributed to the widespread power outages in the city and the rest of the state over the past three days.

Officials from the TS Southern Power Distribution Company Limited said that while most power outage complaints were attended to within hours, there were some instances where it took 36 hours or more before power could be restored.

At the individual build-

ing level, one of the primary problems was the location of the switchboards in the basements that are first to get flooded. It is time for the GHMC to insist that it will not give building permission unless specific provisions are made for installing power supply systems on the first floor of a multi-storeyed building, a senior TSSPD-CL official said. "Once a basement is flooded, every junction, fuse box and meter must be fully dry before power can be restored," the official said.

One of the problems, it was learnt, was the reluctance of people in some locations where large sub-stations began to get flooded and water levels began to rise dangerously. At one such location, a short retaining wall built to divert any possible flooding away from the sub-station was demolished by basti dwellers, with many houses built illegally, to stop water from accumulating near their homes.

■ Page 2: Water seeped into power equipment

Telangana Today 16-October-2020

Relief measures on warfooting: KCR

Rs 5 lakh ex gratia to
kin of victims

Death toll 50; Rs 2,000 cr
worth crop damaged

Rs 5 crore released to GHMC to
speed up relief operations

STATE BUREAU
HYDERABAD

Chief Minister K Chandrashekhara Rao on Thursday announced ex gratia of Rs 5 lakh to the kin of persons who died in rain-related incidents in the State. He also instructed officials to provide relief to people affected by rains and floods on a war-footing, and asked them to distribute rice, pulses and other essential items besides three blankets to every household on behalf of the State government.

Officials said 50 persons including 11 in GHMC area had lost their lives in rain-related incidents till Thursday. The crop loss across the State was estimated at Rs 2,000 crore. The Chief Minister also released Rs 5 crore to the Greater Hyderabad Municipal Corporation (GHMC) to speed up relief operations.

The Chief Minister announced the decision at a high level review meeting at Pragathi Bhavan here to take stock of the ongoing relief works in the State. He issued specific directions to be implemented in the GHMC considering the impact the rains had on the city.

He assured the people that new houses will be given to those whose houses had collapsed during the deluge and the government will undertake repairs to partially damaged

New houses will be given to those whose houses collapsed during the deluge and govt will repair partially damaged houses free of cost. New houses will be built on alternative sites since structures that collapsed were constructed on drains

— K CHANDRASHEKHAR RAO,
CHIEF MINISTER



**TS SEEKS RS 1,350 CR
IMMEDIATE RELIEF**

HYDERABAD: Chief Minister K Chandrashekhara Rao urged the Centre to release Rs 1,350 crore immediately for rehabilitation and relief works in the wake of heavy rains that left a trail of devastation in the State. In a letter to Prime Minister Narendra Modi, he said the State had suffered losses to the tune of Rs 5,000 crore in the heavy rains and subsequent flash floods. Modi had called up Rao on Wednesday and assured him that the Centre would extend help.

houses free of cost. He made it clear that the new houses will be built on alternative sites since the houses that collapsed were constructed on drains (nalas) in the city. He directed the officers to pump out water from low-lying areas and cellars of apartment complexes and cautioned them not to restore power till the last drop of water was drained out as restoration of power supply in such areas could cause death.

"It has been observed that many colonies that were submerged were built in the Full Tank Level (FTL) areas of tanks. This had led to severe problems

with water flooding the cellars of residential complexes," Chandrashekhara Rao said. He opined that building cellars that can withstand floods at the time of construction should be an option to ensure that such incidents do not recur. He suggested that the civic authorities henceforth must impose a condition on builders that parking or cellar areas of buildings have to be flood-proof. He wanted the GHMC authorities to use the services of Metro Water Works and Fire department to pump out flood water. He also advised the electricity department to prepare an action plan

to remove all the High Tension power lines passing over residential areas. Ministers KT Rama Rao, S Niranjan Reddy, Vemula Prashanth Reddy, Mahmood Ali, Rytu Bandhu Samithi State chairman Palla Rajeshwar Reddy, Chief Advisor Rajiv Sharma, Chief Secretary Somesh Kumar, Transco and Genco CMD D Prabhakar Rao, TSSPDCL CMD G Raghuma Reddy, Principal Secretary (Agriculture) B Janardhan Reddy, Principal Secretary (Municipal Administration) Arvind Kumar among others participated.

(RELATED REPORT: PAGE 5)

Telangana Today 16-October-2020

Sanitation, clean water priority: KTR

CITY BUREAU
Hyderabad

With the rains taking a break on Thursday, Municipal Administration and Urban Development Minister KT Rama Rao directed officials to take up extensive sanitation works, ensure provision of safe drinking water, food and initiate all measures for prevention of communicable diseases.

Continuing his inspections in rain-affected areas in the city for the second consecutive day, the Minister interacted with residents and assured them of all help and support.

With water levels receding in several colonies, the GHMC was directed to take up sanitation works and ensure there was no spread of vector-borne diseases. On the sidelines of his inspection in the rain-hit areas of Nallakunta, Musheerabad, Amberpet and Tolichowki, the Minister instructed HMWSSB to increase testing of water samples and to also distribute chlorine tablets. He appealed to the residents to be alert and consume only boiled water as a precautionary measure. He directed the officials and elected public representatives to shift residents in low-lying areas to shelter homes and arrange blankets, food and milk packets. Rao also instructed GHMC Commissioner DS



MA&UD Minister visits a rain-hit area in Hyderabad on Thursday.

HMWSSB asked to increase testing of water samples and to distribute chlorine tablets

Lokesh Kumar to submit proposals on setting up drainage pipelines in a few areas to ensure a permanent solution to avoid flooding. (SEE PAGE 2)

(RELATED REPORTS: PAGES 2, 3)

Telangana Today 16-October-2020

'Fill all tanks with Singur water'

Harish directs officials to provide irrigation facility to 40k acres



Finance Minister T Harish Rao during a visit to Singur project on Thursday.

STATE BUREAU
SANGAREDDY

Finance Minister T Harish Rao has instructed irrigation department officials in Sangareddy district to impound water in all the irrigation tanks under Singur project to provide irrigation to over 40,000 acres ayacut in Sangareddy district for Yasangi crop.

When irrigation authorities informed him that 70 of the 170 tanks under the project had surplus water, Harish Rao asked them to fill the remaining 100 tanks by releasing water from Singur project.

The Minister was speaking at a meeting with district officials and elected representatives in Singur. Asking the Agriculture de-

partment officials to prepare a plan of action for Yasangi cultivation, Harish Rao instructed them to enumerate the crop losses and send him a report through District Collector M Hanumantha Rao.

Repair works

Saying that as many as 42 low-level causeways and culverts were damaged due to the heavy rains, he directed the officials to send him proposals for taking up repairs works immediately. Similarly, 144 kms of R&B roads were damaged, he said and asked R&B officials to send him proposals to take up the works at a cost of Rs 30 crore.

Saying that the officials of National Highways Authority of India (NHAI) and

Road and Buildings (R&B) are lacking coordination, Rao has said that many works have remained pending for many days. The Minister has suggested the Collector to hold a meeting with both the department officials to sort out all such issues and get the works done.

Stating that several Panchayat raj roads were damaged due to rains in Narayankhed area, he has asked the concerned officials to take up the repairing works on war footing to restore the road communication, Zilla Parishad Chairperson, P Manjusri, MLA, Andole, Chanti Kranthi Kiran and others were present. The Minister has also inspected some rain hit areas in Sangareddy.

Telangana Today 16-October-2020

Copious rains fill up irrigation tanks in Telangana



Water gushing out from the Nagarjuna Sagar project after 18 gates were opened on Thursday.

STATE BUREAU
Hyderabad

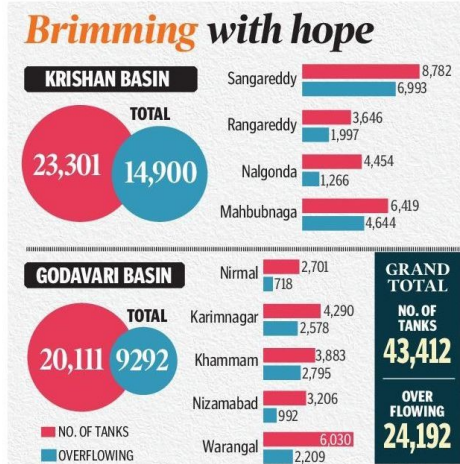
More than 50 per cent of the minor irrigation tanks in the State, both in Krishna and Godavari river basins, have been overflowing following copious inflows in the wake of heavy rains in the State in the past few days.

At least 24,192 of the 43,412 tanks are overflowing indicating saturation of ground water in these areas. While Sangareddy and Mahabubnagar top the list under Krishna basin, Warangal and Nirmal registered maximum number of overflowing tanks under Godavari basin.

Overflowing

According to a report from the irrigation wing of the Chief Minister's Office, as many as 6,993 tanks under the jurisdiction of Superintending Engineer of Sangareddy were overflowing and at least 1,277 tanks reached their maximum capacity.

In Rangareddy, as many as 1,997 were overflowing and 735 were full up to 100 per cent. Nalgonda which has 4,454 tanks has 1,266



According to the irrigation wing, as many as 6,993 tanks under the jurisdiction of Superintending Engineer of Sangareddy were overflowing

overflowing and 1,124 reached their maximum capacity. Mahabubnagar which has 6,419 tanks has 4,644 overflowing and 630 reached 100 per cent capacity.

On the Godavari basin, under SE Nirmal area 718 tanks were overflowing and 1,694 reached their full capacity.

In Karimnagar out of 4,290 tanks, 2,578 tanks were

overflowing and 1,063 were up to the brim. Khammam with 3,883 tanks has 2,795 overflowing, and 1,044 tanks reached 100 per cent capacity. Nizamabad which has 3,206 tanks has 992 overflowing and 1,518 tanks reached 100 per cent capacity. Warangal with 6,030 tanks has 2,209 overflowing, and 2,887 tanks reached full capacity.

Breaches

There were also breaches reported in several areas due to heavy rainfall, flooding of rivulets and seasonal streams that have brought extremely heavy inflows into these minor irrigation tanks with generally have less holding capacity. There were 318 breaches in tanks under Krishna and 343 breaches to tanks under Godavari basin.

As per the Superintending Engineers of these the district's 188 tanks were breached in Sangareddy, 31 in Rangareddy, 28 in Nalgonda, and 71 in Mahabubnagar. Similarly 42 tanks were breached in Nirmal, 46 in Karimnagar, 29 in Khammam, 38 in Nizamabad, and 188 in Warangal.

Singur, Nizamsagar see good inflows

HYDERABAD: Heavy rains in the catchment areas of major rivers that have brought massive inflows into major irrigation projects in the State did their bit in cheering the farmers in the ayacut of Singur, Nizamsagar, and Musi projects that usually do not receive much inflows.

Singur, Nizamsagar and Musi are expected to receive 1,800 cumecs, 1,500 cumecs and 2,000 cumecs respectively by Friday as per the Central Water Commission's (CWC) flood forecast. The commission also forecasts a further increase in the flood water levels in these projects. Musi on Thursday was at its Full Reservoir Level (FRL) of 196.6 feet. Nizamsagar was receiving 1,01,981 cusecs and not discharging any water while Singur was receiving 28,826 cusecs and discharging the same amount downstream into Manjeera river.

Inflows into other projects in Krishna and Godavari basins continued. With Narayanpur dam dumping 1,54,530 cusecs into the system of river Krishna, the Priyadarshini Jurala Project (PJP) was receiving 4,85,000 cusecs and discharging 5,12,093 cusecs. The water level was 1042.618 feet in PJP out of an FRL of 1045 feet. Water has also been released through left, right and parallel canals from the project.

At Srisailem the inflows were 4, 61,254 cusecs, and outflows were 5, 06,107 cusecs, at Nagarjuna Sagar, the inflows were 2, 94,369 cusecs and same quantity has been discharged to lessen pressure on the reservoir.

Heavy inflows continued at Pulichintala with 4, 74, 906 cusecs and discharges were 5, 42,558 cusecs. Inflows into Sri Ram Sagar Project (SRSP) were 38,103 cusecs and outflows were 55,000 cusecs.

Indian Express 16-October-2020

Heavy rain lashes three western Maharashtra districts, 27 dead

SUSHANT KULKARNI

PUNE, OCTOBER 15

TWENTY SEVEN people died in three western Maharashtra districts—Solapur, Pune and Sangli—as heavy rain caused by a deep depression battered various parts of the state from Wednesday afternoon, leading to widespread flooding. Over 20,000 people had to be evacuated in these three districts.

As predicted by the IMD, most parts of Maharashtra started receiving heavy rain from Wednesday because of a strong low-pressure system in Bay of Bengal, which intensified into a deep depression as it traversed across the land, moving towards Arabian sea.

While 14 persons have been killed in Solapur district, including six in a wall collapse in the temple town of Pandharpur, four

people died in Pune and nine in Sangli district, said officials.

The wall collapse incident was reported from Kumbharghat area on the banks of Bhima river in Pandharpur on Wednesday afternoon. Four of the six belonged to the same family. An inquiry has been launched by the district administration into the incident.

In Daund taluka of Pune district, four persons were swept away while trying to cross a swollen stream on Wednesday night. Police officers said the four were trying to cross the stream on two bikes. “Bodies of three persons have been recovered,” said Inspector Sunil Mahadik.

Police have identified the deceased as Shahaji Lokhande (52), Appasaheb Dhaytonde (55) and his wife Kalavati (48). The fourth person, Subhash Narayan Lokhande (48) is still reported

missing and a search is being conducted by police teams with the help of local villagers.

One death has been reported from Haveli taluka in Pune district.

As many as 20,640 persons were evacuated by respective district administrations and rescue agencies from flooded areas in Solapur, Pune and Sangli.

In Solapur district, which was the worst-hit, 17,000 people were evacuated, and in Pune and Sangli districts, 3,000 and 640 people, respectively, had to be shifted to safer places, said officials.

Chief Minister Uddhav Thackeray has asked the state administration, Army, Navy and Air Force to be on high alert. As per a statement issued by the Chief Minister's Office, Thackeray reviewed the situation and instructed officials to be on alert to avoid any loss of life. —WITH ENS, MUMBAI

Assam Tribune 16-October-2020

2000 households to get water in Karbi Anglong

JAL JEEVAN MISSION

CORRESPONDENT

DIPHU, Oct 15: Jal Jeevan Mission, the most ambitious project of Prime Minister Narendra Modi will benefit around two million people of Assam. This mission will ensure pure and safe water in households. The Department of Drinking Water and Sanitation under the Ministry of Jal Shakti, will implement the project within 2024.

In Karbi Anglong, this mission may target around 2,000 households in the first phase, an official of Public Health

Engineering (Rural Division) informed this recently.

"From October 2, a 100-day campaign was launched with the main aim to cover all schools and anganwadi centres of Karbi Anglong. During this campaign we surveyed the quality and quantity of water using field test kits," said the nodal officer for implementation of JJM in the hill district. He mentioned that this mission will be implemented with special attention on the health of women and children.

It may be mentioned that

Prime Minister Narendra Modi on 73rd Independence Day last year announced the plan to supply sufficient drinking water to each household through pipe connections within 2024 particularly in the rural areas.

The mission will put into practice source sustainability procedures as obligatory basic rule, such as recharge and reuse through grey water management, water conservation, rain water harvesting etc.

In Karbi anglong, the existing schemes will be reno-

vated and made functional under the new initiative. Around 82 existing schemes will be revived in two stages under JJM.

Howraghat PHE Division and Diphu PHE (Rural Division) will activate 80 schemes under JJM in the first and second phase, and shall cover around 23,000 households within March next year. New schemes will cover villages where no water supply schemes existed and within December 2024, the entire population of Karbi Anglong will be covered.

The Hindu 16-October-2020

Dealing with a deluge

As floods swamp Hyderabad, the focus is on the inadequacy of drainage infrastructure

A deep monsoon depression over the west central Bay of Bengal, which weakened as it moved over Telangana, resulted in downpours over several districts in the State, severely affecting the city of Hyderabad as well. On October 13, the monthly average rainfall of Hyderabad for October (103.6 mm according to Skymet) was surpassed on a single day when 192 mm of rain fell. According to the India Meteorological Department, this is the highest rainfall for October recorded in Telangana's capital since 1903. Such a high intensity downpour in a short span is bound to affect a densely populated urban area, and Hyderabad was no exception. At least 24 people were killed and several localities submerged and isolated following incessant rains and the overflowing of the city's lakes. Other districts were badly affected too: roads damaged and irrigation tanks breached. The monsoon storm that never became a cyclone, has managed to cross the east (Andhra Pradesh) and west coasts (north Karnataka and Maharashtra) of India. This is rare and a rain-related disaster event that is difficult to plan for. Floods and deluges, like any other disaster, disproportionately affect the poor. Disaster management agencies have managed to limit the im-

pact of the disaster as many of those marooned in submerged areas and flooded houses were rescued. But the extent of the damage and the turmoil show a lack of preparation and disaster mitigation, a problem that plagues most urban centres in the country.

Much of the damage was due to the overflowing of lakes – in particular, the Hussain Sagar Lake in the middle of the city and the breaching of storm water drains. Construction over lake beds and encroachments of drainage channels have been identified as problems that have exacerbated flooding and inundation in the city in the past (the deluge in August 2000, for example). But the little that has been done to unblock existing storm drains over the last decade has not been enough to handle the requirements of the city, which still depends upon an antiquated sewerage and drainage system. Hyderabad urgently needs to expand and remodel its drainage system. Besides lakes and canals, wetlands and watersheds play a vital role in absorbing excess rainfall, but regrettably, rapid urbanisation in the twin cities has resulted in the loss of a large portion of the wetlands. An analysis by the Centre for Science and Environment in 2016 revealed that 3,245 hectares of water bodies were lost in Hyderabad between 1989 and 2001. In the long term, the effects of flooding due to deluges can only be mitigated if urban planners take into account the hydro-geology of cities and ensure that construction, development and land occupation do not take place in a way that reduces the area of wetlands.

The Hindu 16-October-2020

Heavy rain claims 27 lives in Solapur, Sangli, Pune districts

Chief Minister asks State administration, Army, Navy, Air Force to be on high alert

SPECIAL CORRESPONDENT
PUNE

At least 27 people have died in rain-related incidents in Solapur, Sangli and Pune districts of western Maharashtra, officials said on Thursday. Over 20,000 people were evacuated to safer places in these three districts. Mumbai too witnessed waterlogging after overnight rains on Thursday.

"A total of 27 people have died due to rain-related incidents in Solapur, Sangli and Pune districts since Wednesday. Fourteen casualties are from Solapur district, nine from Sangli and four from Pune district," said an official from the Pune Divisional Commissioner's office.

The National Disaster Response Force (NDRF) began rescue work in Pandharpur, where six people died in wall collapse on Wednesday, while over 6,000 people from 500 families were evacuated in Solapur.

In Pune, the police retrieved three bodies, including that of a woman, after four people on two two-wheelers were washed away in Daund taluk. Two NDRF teams stationed in Maval taluk have been deployed for rescue and rehabilitation efforts. While one team reached Pandharpur, the other was pressed into action in Latur in Marathwada.

Chief Minister Uddhav Thackeray chaired a meeting to take a review of the flood situation and asked the State administration, Army, Navy and Air Force to be on high alert to tackle any emergency in parts of western Maharashtra and Marathwada.

In a statement, the Chief Minister's Office said, "NDRF teams have been stationed in Osmanabad, Solapur, Pand-



Rough ride: A bus trudges through the waterlogged Karad-Vita highway following heavy rain, in Karad on Thursday. •PTI

harpur and Baramati." The Chief Minister asked the administration to avoid loss of life, property and agriculture and expeditiously carry out assessment of the losses caused by the rains. He also directed the local administration to provide financial aid to the kin of those who lost their lives in the wall collapse in Pandharpur.

Thousands marooned

Relentless overnight rain led to massive property damage in Solapur and Pune districts, with thousands of villagers marooned by rising floodwaters in rural Solapur.

Rising levels of Sina river have affected residents in at least 100 villages in Madha and Mohol taluks in Solapur, with several livestock being washed away by the floodwaters. The Vakav village was entirely cut-off from the rest of the district by the swollen waters of Sina river.

As per the Solapur district administration, at least 1,000 people were evacuated from Pandharpur on Wednesday night. Authorities of the Vitthal-Rukmini temple trust said it would take the responsibility of feeding and lodging those

evacuated from their homes.

Two lakh cusecs of water were discharged from Ujjani dam since 10 p.m. last night. With rains providing a temporary reprieve to Solapur in the morning, the discharge has been reduced to one lakh cusecs. The rains have compelled authorities to shut traffic on Pune-Solapur road, as well as roads connecting Solapur to other districts like Bijapur in neighbouring Karnataka.

Intense and continuous showers saw an alarming rise in the water levels of all major rivers in western Maharashtra: the Panchganga in Kolhapur rose by seven feet, owing to massive rainfall throughout Wednesday night, while the Krishna river level in Sangli has risen by five feet in just three hours. All main roads in Sangli have been closed for traffic as a precautionary measure.

In Pune, overnight showers caused damage to property in the city with furious rainwaters mangling scores of two-wheelers parked in the open. In Baramati in rural Pune, a flood-like situation prevails as several residents have moved to higher grounds for safety. The rains

have led the Savitribai Phule Pune University to postpone the final year examinations scheduled for Thursday.

As per a notification put up on the varsity's website, authorities said it was postponing the online and offline exams given the flood-like situation and the fact that the civic administration had issued a cyclone and heavy rainfall alert. They said the revised schedule would be announced soon.

In Pune city, Katraj-Sinhagad Road, Sahakarnagar and Shivajinagar areas were badly hit with water entering houses, including Patil hospital on Sinhagad road.

PMC to blame, says Sule

Baramati MP and Nationalist Congress Party (NCP) leader Supriya Sule visited the worst-hit areas in Katraj in Pune city later in the day. Hitting out at the Bharatiya Janata Party (BJP) controlled-Pune Municipal Corporation (PMC), Ms. Sule said it was responsible for the deplorable state of the city's public works. She said, "A similar situation occurred last year in which more than 20 people lost their lives owing to intense bouts of rain. But it appears that the PMC has not grown any wiser and is not expending sufficient funds to improve the city's anti-rain infrastructure."

BJP leader and Pune Mayor Murlidhar Mohol said that no one ought to play politics over natural calamities. He said, "The BJP has only been in power for the last three years in the PMC. It was the NCP and Congress who were in power for the past two decades in the civic body. So, why weren't any repairs carried out then?"

(With PTI inputs)

Millennium Post 16-October-2020

Scientists identify new potential groundwater 'arsenic hotspots' in India

OUR CORRESPONDENT

NEW DELHI: Scientists, including those from the National Institute of Hydrology (NIH), have found an increased probability of high arsenic levels in well waters in parts of India where previously arsenic hazard was generally not considered to be a major concern.

Arsenic in drinking water obtained from wells is the cause of severe health outcomes, including premature deaths from cancers and cardiovascular disease in many parts of the world and particularly in the Indian subcontinent, the researchers said.

Based on recent reported rates of household groundwater use for rural and urban areas, they estimate that about



18-30 million people in India are currently at risk of high exposure to arsenic through their drinking water supply.

The researchers, including Biswajit Chakravorty, a senior scientist at NIH in Bihar, have constructed a prediction model focused solely on India.

The new hazard model,

published in the International Journal for Environmental Research and Public Health, can be used to inform prioritisation of groundwater quality testing and environmental public health tracking programs.

Their model confirms the known high probability of finding hazardous high arsenic well

waters in northern India in the river basins of the Ganges and Brahmaputra.

The model also finds an elevated probability of high arsenic well waters in other Indian areas, where previously arsenic hazard was generally not considered to be a major concern -- so much so that in many of these areas well water arsenic is not routinely checked.

These areas include parts of south-west and central India and are mostly areas underlain by sediments and sedimentary rocks, the researchers said.

The study suggests follow up to help better define specific areas in which action is required to reduce adverse public health outcomes from drinking high arsenic well waters.

The researchers also high-

light the importance of systematic testing of hazards, not just in known high hazard areas, but also through random sampling of all wells used for drinking water.

The researchers admitted that there are known and important limitations to this kind of modelling approach.

The model is based largely on satellite-derived data and so is less reliable for deeper wells and it does not consider variations of well water arsenic with time, they said.

Also, the arsenic content of well waters is known to change massively over very short distances, so for a particular well, the model will never be a better substitute for a good chemical analysis of the water produced from that well, according to the researchers.

27 people die in rain-related incidents in Maharashtra

Flood situation in Karnataka grim with several areas inundated due to torrential rains

OUR CORRESPONDENT

NEW DELHI: Four persons were swept away in a swollen stream in Maharashtra's Pune and over 20,000 people were moved to safer places in three districts of the state witnessing heavy showers for the past two days, even as the flood situation in Karnataka worsened on Thursday with several areas inundated due to torrential rains and release of water from major dams.

Noting that the low pressure over south-central Maharashtra and south Konkan is likely to move over the Arabian Sea and intensify into a depression in the next 48 hours, the India Meteorological Department (IMD) on Thursday said under the influence of this cyclonic circulation, heavy rains are expected over the ghat areas of Maharashtra, Konkan and south Gujarat during the next two days.

In Karnataka, Yadgir, Raichur, Ballari, Bidar, Vijayapura, Bagalkote, Belagavi, Dakshina Kannada, Udupi, Uttara Kannada, Gadag, Koppal, Haveri and Dharwad were the worst affected due to floods. According to the Karnataka State Natural Disaster Management Centre, the floodgates of all the major dams have been opened



Water of the Krishna River overflows from Khodshi Dam following heavy rains, in Karad, Maharashtra

resulting in water gushing into villages and formation of islands at different places.

According to sources in the Karnataka Disaster Management Authority, as many as 515 animals lost their lives while 4,782 people have been shifted to 36 relief camps opened by the district administration. This is the third wave of floods in the state in the past three months.

Karnataka Chief Minister B S Yediyurappa on Thursday

said he will hold a review meeting with administrations of districts that have been affected by torrential rain and floods, and that necessary funds were being released for taking up relief work.

Meanwhile, -Pune, Solapur, Sangli, Satara and Kolhapur in western Maharashtra are witnessing heavy showers for the past two days. Officials said at least 27 people have died in rain-related incidents in Solapur, Sangli and Pune districts

while over 20,000 people have been evacuated to safer places in these three districts.

State capital Mumbai too witnessed water-logging in many areas after overnight rains on Thursday. In Pune, four people died after getting swept away in a swollen stream at Khanota in Daund tehsil, while one person was still missing. Maharashtra Chief Minister Uddhav Thackeray also chaired a review meeting and asked state administration,

Army, Navy and Air Force to be on high alert to tackle any emergency arising out of heavy rains and flood-like situation in parts of western Maharashtra and Marathwada.

In a statement, the Chief Minister's Office (CMO) said that National Disaster Response Force (NDRF) teams have been stationed in Osmanabad, Solapur, Pandharpur and Baramati. The Disaster Response Force (DRF) teams were working continuously to normalise the situation in the city. In the state, around 44,000 people were put up in 64 relief camps and 45,000 food packets were provided.

On the expected rainfall, the IMD said "Light to moderate rainfall at most places with heavy to very heavy falls at isolated places would occur over Konkan and Goa and adjoining ghat areas of Maharashtra. Extremely heavy falls (more than 20 cm per day) are also likely over south Konkan and adjoining ghat areas of Maharashtra."

Strong winds with speed reaching 25-35 kmph, gusting to 45 kmph, are likely to prevail over east central and northeast Arabian Sea and along and off Maharashtra, Goa and south Gujarat coasts during next 12 hours, the IMD said.

50 died in rains, flash floods in T'gana; state suffered over Rs 5K cr loss: CM

OUR CORRESPONDENT

HYDERABAD: At least 50 people died in the torrential rains and flash floods in Telangana in the last few days, the state government said on Thursday. Eleven of the deaths were reported from the Greater Hyderabad Municipal Corporation (GHMC) area, officials said at a review meeting held by Chief Minister K Chandrababtu Naidu, an official release said.

Citing preliminary estimates, Naidu said the state suffered losses to the tune of over Rs 5,000 crore in the heavy rains that led to flooding of several low-lying areas on Wednesday with the state capital being the worst hit.

He has written to Prime Minister Narendra Modi urging him to release Rs 1,350 crore immediately for relief and rehabilitation works, the release added.

At the review meeting, Naidu instructed the officials concerned to take up relief measures on a war footing to the people who are facing trouble due to heavy rains and flash floods. He said that in the submerged areas, rice, pulses and other essential commodities, food and three quilts per house should be distributed from the government side. The CM announced immediate financial assistance of Rs 5 Crore to the GHMC for the relief works under the Hyderabad city limits.

He also announced that it



was decided to pay Rs 5 Lakh as compensation each to the members of the deceased families. The CM said for those whose houses were completely destroyed, new houses would be built and for those partially damaged financial assistance would be given for the repairs. The CM clarified that those houses which were built on Nalas (Drains) were washed away in floodwaters and the new houses would be built on a government land. The CM instructed that water should be drained out of the low-lying areas and cellars of the apartments on a war footing and power supply should be restored.

The CM was very particular that power supply should not be given where there is still water in the low-lying areas and in the cellars as it would be dangerous. Even if it means inconvenience for a day or two, power supply should be restored only after draining the

water. The CM urged people to cooperate in this matter.

The CM observed that if the flood situation in Hyderabad examined, it showed that the colonies built within the FTL limits were flooded. People are facing problems due to water entering the Cellars of their apartments. Adequate measures should have taken while constructing the apartment to ensure that water did not stagnate in the cellars.

The CM instructed that henceforth while giving permissions to apartments, there should be a regulation that measures should be put in place to prevent water stagnation in the cellars. The CM suggested the use of Metro Water Works and Fire Services help to drain the water out. Naidu also instructed the Electricity department officials to make plans to remove the high-tension cables over the houses as they may prove to be dangerous.

Jansatta 16-October-2020

जाते-जाते मानसून सराबोर कर रहा ओडीशा और महाराष्ट्र को

जनसत्ता संवाददाता
नई दिल्ली, 15 अक्टूबर।

मानसून की विदाई के दौर में बंगाल की खाड़ी में कम दबाव का क्षेत्र पैदा होने की वजह से तेलंगाना और ओडीशा के कई जिलों में भारी बारिश हो रही है। वहीं इन क्षेत्रों सहित मुंबई व महाराष्ट्र में बारिश को लेकर रेड अलर्ट जारी किया गया है। मौसम विभाग का कहना है कि फिलहाल बारिश एक-दो दिन तक नहीं रुकने वाली है।

मौसम विभाग के मुताबिक मुंबई में गुरुवार को दिनभर भारी बारिश होती रही है। हिंदमाता, कुर्ला, किंग सर्किल, बायकुला समेत कई इलाकों में भारी बारिश के कारण जलजमाव हो गया है। विभाग का कहना है कि कोंकण और गोवा के ज्यादातर इलाकों में भारी से और ज्यादा भारी बारिश होने की संभावना है।

विभाग का कहना है कि 20 सेंटीमीटर प्रतिदिन बारिश हो सकती है। मध्य महाराष्ट्र, मराठावाड़ा और उसके समीप उत्तर आंतरिक कर्नाटक में अगले 12 घंटे के भीतर तेज हवा भी चलेगी, जिसकी रफ्तार 30-40 किलोमीटर प्रति घंटे तक हो सकती है।

इसकी अधिकतम रफ्तार 60 किलोमीटर प्रति घंटे तक जा सकती है। हालांकि, 16 अक्टूबर को इसकी रफ्तार और बढ़ेगी। रिपोर्ट में कहा गया है कि हवा की रफ्तार 45-55 किलोमीटर से बढ़कर 65 किलोमीटर प्रति घंटे तक पहुंच जाएगी। मौसम विभाग के मुताबिक, हवा की रफ्तार धीरे-धीरे उत्तर-पूर्व अरब सागर और महाराष्ट्र, गुजरात के तटों की ओर चली जाएगी।

विभाग का कहना है कि 16 अक्टूबर को गुजरात और महाराष्ट्र के तटों पर समुद्र में तेज और ऊंची लहरें भी उठ सकती हैं। बंगाल की

खाड़ी से आ रही नमी वाली हवाओं और कम दाब की वजह से छत्तीसगढ़ राज्य में मौसम बदला हुआ है। बस्तर संभाग के कई इलाकों में इसकी वजह से कल से ही बारिश हो रही है। राजधानी रायपुर में सुबह से ही बादल छाए हुए हैं और कई इलाकों में हल्की बारिश हो रही है। बस्तर संभाग मुख्यालय जगदलपुर में दोपहर बाद बारिश की संभावना है।

पांच दिन में बढ़ा छह डिग्री तापमान

मध्य भारत में खासकर प्रदेश व आसपास मौसम के मिजाज में फिर से गर्माहट आ गई है। बुधवार को न्यूनतम तापमान 24 डिग्री सेल्सियस पर पहुंच गया। पांच दिन में छह डिग्री सेल्सियस की बढ़ोतरी हुई है। इस बढ़ोतरी की वजह से रात में गर्मी लौट आई। राहत के लिए एसी व कूलर चलाने पड़ रहे हैं। मौसम विभाग ने अगले 24 घंटे में शहर में बादल छाने के आसार जताए हैं।

‘जल जीवन मिशन’के तहत भारत-भूटान सीमा पर पहुंचाया पानी

अरुणाचल में तीन हजार मीटर ऊंचे सुदूर गांवों तक पहुंचा पीने का शुद्ध पेयजल

हरिभूमि ब्यूरो ■ नई दिल्ली

■ 2,900 मीटर की समुद्री ऊंचाई पर बसे गांव की तकदीर बदली

भारत और भूटान के बीच अंतरराष्ट्रीय सीमा पर स्थित अरुणाचल प्रदेश के पश्चिमी केमिंग जिले में ब्रोक्सार्थग नामक एक गांव के लोग एक साल पहले तक जलापूर्ति की समस्या से जूझ रहे थे, लेकिन करीब 2,900 मीटर की मध्य समुद्री ऊंचाई पर बसे इस छोटे से गांव के लिए मोदी सरकार का जल जीवन मिशन एक नई जिंदगी लेकर सामने आया है।

केंद्रीय जल शक्ति मंत्रालय के अनुसार अरुणाचल प्रदेश के ब्रोक्सार्थग गांव में ‘ब्रोक्पा’ समुदाय से संबंधित 170 व्यक्तियों की मौजूदा आबादी के रूप में 22 परिवार रहते हैं। ब्रोक्पा याक के पालन पोषण एवं खानाबदोश जीवनशैली के लिए विख्यात हैं। यह गांव जिला मुख्यालय बोमडिला से

लगभग 76 किमी की दूरी पर तथा निकटतम शहर दिरांग से 36 किमी की दूरी पर है। इससे पहले 2019 तक गांववासी जलापूर्ति की बड़ी कमी से जूझ रहे थे, लेकिन जल जीवन मिशन के तहत राज्य के सार्वजनिक स्वास्थ्य इंजीनियरिंग विभाग ने 2020 में गांव के सभी परिवारों को उपचारित जलापूर्ति उपलब्ध करा दी। सभी परिवारों को शुद्ध पेयजल की आपूर्ति मुहैया होने पर यहां के ग्रामीणों की खुशी का कोई ठिकाना नहीं है, जो इसे पहल को नई जिंदगी के रूप में देख रहे हैं। इस परियोजना के पूरा होने पर इस गांव के प्रसन्नचित ग्रामीणों ने प्रार्थना के समय हाथों में पारंपरिक ‘कड़ा’ बांधने के साथ अपने घरों में पानी प्राप्त किया है।



आसान नहीं था मिशन

मंत्रालय की माने तो इस दुर्गम क्षेत्र, जहां सर्दियों में शून्य से नीचे के तापमान से लेकर मानसून में लगातार वर्षा के कारण उपचारित जलापूर्ति उपलब्ध कराने का दायित्व आसान नहीं था। निर्माण कार्य सबसे दुष्कर हिस्सा था क्योंकि एक तो कुशल राजगीरों और मजदूरों को ढूंढना बहुत कठिन था और दूसरा अत्यधिक ठंड और मूलभूत सुविधाओं के अभाव के कारण वे अक्सर

पाइप बोवटी सिस्टम पर आधारित मिशन

यह स्कीम पाइप बोवटी सिस्टम पर आधारित है और इसमें उपचार संयंत्र के प्रावधान के साथ 67 लाख रुपये की अनुमानित लागत के साथ इसकी रूपरेखा मविष्य की आबादी को ध्यान में रखकर भी बनाई गई है। स्कीम के योजना निर्माण एवं कार्यान्वयन में समुदाय को भी जोड़ा गया था। उन्होंने श्रम के रूप में जलापूर्ति स्कीम में गांव के संस्थानिक घटक के 5 प्रतिशत का योगदान दिया। ग्राम जल एवं स्वच्छता समिति सक्रिय है और समिति प्रणाली के ओएंडएम का भार ग्रहण करने की प्रक्रिया में है। जल जीवन मिशन जलापूर्ति स्कीमों के योजना निर्माण, कार्यान्वयन, प्रचालन और रखरखाव में स्थानीय समुदाय की भागीदारी अधिदेशित करता है।

काम छोड़ते रहे। जमी हुई बर्फोली सड़क, कोहरे के कारण शून्य दृश्यता और अक्सर होने वाले भूस्खलनों के कारण निर्माण के दौरान सामग्रियों की मालदुलाई और निगरानी भी उतना ही मुश्किल था। लेकिन इन सभी कठिनाइयों के बीच चुनौतियों का सामना करते हुए निर्धारित स्कीम में परिकल्पित योजना के अनुरूप काम पूरा कर लिया गया।

Rajasthan Patrika 16-October-2020

तीन राज्यों में बारिश से हाल बेहाल, महाराष्ट्र में रेड अलर्ट



नई दिल्ली. बंगाल की खाड़ी में बने कम दबाव के क्षेत्र के चलते देश के तेलंगाना, आंध्र प्रदेश और महाराष्ट्र के कई इलाकों में बाढ़ जैसे हालात बन गए हैं। तीनों राज्यों में बारिश से जुड़े हादसों में 30 से अधिक मौतें हो गई हैं। विभाग ने पश्चिमी महाराष्ट्र और कोंकण क्षेत्र में शुक्रवार को भी भारी वर्षा की संभावना है। महाराष्ट्र के कई इलाकों के लिए रेड अलर्ट जारी किया गया है।

दुगारी बांध से 25 को छोड़ा जाएगा सिंचाई के लिए पानी

नैनवां. उपखंड के दुगारी बांध से पहला पानी 25 अक्टूबर को छोड़ा जाएगा। बांध की जल उपभोक्ता संगम की गुरुवार शाम को हुई बैठक में निर्णय किया गया। बांध में पेयजल के लिए एक फीट पानी आरक्षित रखा जाएगा। दो बार पानी देने के बाद एक फीट से अधिक पानी बचने पर तीसरा पानी दिया जाएगा। बैठक में जल संसाधन विभाग के सहायक अभियंता जम्बू कुमार जैन, कनिष्ठ अभियंता बद्रीलाल सेन, जल उपभोक्ता संगम के अध्यक्ष सोराज मीना, बांसी के सरपंच सत्यप्रकाश शर्मा सहित अन्य सदस्य मौजूद थे। बांध में अभी 6 फीट से अधिक पानी है।

कृष्णा नदी से मार्च तक चेन्नई को मिलेगा पानी



पत्रिका न्यूज नेटवर्क
patrika.com

चेन्नई. आंध्रप्रदेश ने कंडालेरु से चेन्नई के लिए आगामी मार्च 2021 तक पानी छोड़ने की प्रक्रिया जारी रखने की स्वीकृति दी है। पीडब्ल्यूडी के एक वरिष्ठ अधिकारी ने बताया कि कुछ महीने पहले आयोजित हुई एक बैठक के दौरान आंध्र प्रदेश के संबंधित अधिकारियों ने पिछले साल की तरह इस बार भी 8 हजार मिलियन क्यूबिक फीट (टीएमसीएफटी) पानी छोड़ने की स्वीकृति दी थी। इसके तहत गत 20 सितंबर से पोंडी जलाशय के लिए पानी छोड़ने की प्रक्रिया शुरू कर दी गई है।

उन्होंने कहा कि शुरुआत में 300 से 350 क्यूसेक पानी छोड़ा

जा रहा था, जिसे बढ़ा कर 700 क्यूसेक कर दिया गया है और अब तक 1.5 टीएमसीएफटी पानी छोड़ा जा चुका है। उत्तरपूर्व मानसून आने तक पानी प्राप्त किया जाएगा। उसके बाद आंध्र प्रदेश को पानी छोड़ने से मना किया जाएगा। अगर मानसून के जरिए पर्याप्त पानी प्राप्त नहीं होता है तो आंध्र प्रदेश द्वारा पानी छोड़ने की प्रक्रिया जारी रखी जाएगी। उन्होंने कहा कि बुधवार तक महानगर के चारों जलाशय का जलस्तर 5,065 मिलियन क्यूबिक फीट था, जबकि इसकी कुल क्षमता 11,057 एमसीएफटी है। इसके तहत पोंडी में 1,295, चोलावरम में 109, रेड हिल्स में 2,042 और चेम्बरबाक्कम में 1,619 एमसीएफटी पानी है।