

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

दिनांक: 29.10.2019

विषय - समाचार पत्रों की कटिंग का प्रस्तुतीकरण।

जल संसाधन विकास और संबद्ध विषयों से संबंधित समाचार पत्रों की कटिंग को केंद्रीय जल आयोग के अध्यक्ष और सदस्य (कार्य योजना एवं परियोजना /अभिकल्प एवं अनुसंधान / नदी प्रबंध) के अवलोकन के लिए संलग्न किया गया है। इन समाचारों की कटिंग की सॉफ्ट कॉपी केन्द्रीय जल आयोग की वेबसाइट पर भी अपलोड की जाएगी।

अंगी
29.10.2019
वरिष्ठ कलाकार

जल प्रणाली अभियांत्रिकी निदेशालय

संलग्नक: उपरोक्त

उप निदेशक, (ज. प्र. आ.) निदे०

शिवसुं सिंह
29/10/2019
प्रबल झा
29-10-19

निदेशक, (ज. प्र. आ.) निदे०

सेवा में,

अध्यक्ष, के. ज. आ., नई दिल्ली

जानकारी हेतु - सभी संबंधित केन्द्रीय जल आयोग की वेबसाइट www.cwc.gov.in पर देखें।



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3 dead as heavy rain triggers floods in Nagaland, Assam

HTC and Agencies

letters@hindustantimes.com

NEW DELHI: Incessant rain and flooding have left three people dead in Nagaland since Saturday even as Dimapur, its commercial capital, remains badly hit, officials said on Monday.

"It has been a very grim scenario in Dimapur. Two people drowned in Dimapur on Sunday and Monday while a landslide in Phek town on Saturday killed one and injured three persons," said Johnny Ruangmei, Officer on Special Duty and the head of department, Nagaland State Disaster Management Authority.

With the Dhansiri and Chathe rivers in spate, nearly 17 villages in Dimapur have been affected by floods. "Almost 25% of Dimapur is affected," said Ruangmei, adding that around 240 people have



■ Villagers wade through floodwaters on a makeshift raft in Nagaon district of Assam on Monday.

PTI

been rescued by teams of the State Disaster Response Force and the Assam Rifles.

On Monday, the troops of Assam Rifles and the Army evacuated a large number of people

from their houses which were submerged due to rising waters of Diphu river in Dimapur area.

"Visited some flood affected areas of Dimapur which are severely affected. Incessant rain

has caused flooding and landslide across #Nagaland. @StateDisaster & all concerned agencies are working round-the-clock. I appeal to all to stay safe and lend a helping hand to those in need," chief minister Neiphiu Rio tweeted on Sunday.

Meanwhile, in neighbouring Assam, nearly 18,505 people in six districts have been hit by floods till late Sunday.

Districts of Karbi Anglong, West Karbi Anglong and Hojai are the worst hit due to the floods, while landslides damaged as many as 78 houses in Dima Hasao district.

MS Manivannan, the chief executive officer of the Assam State Disaster Management Authority, said Dhansiri and Kopili rivers swelled after incessant rainfall.

Two days ago, excessive rain-

fall led to the officials releasing water from the reservoirs of the Kopili Hydel Project in Dima Hasao district, according to Manivannan.

On Monday, while Kopili water levels stabilised, Dhansiri river was still flowing above the danger mark. "The situation is under control but it could turn critical in Golaghat for example if water is released from the Doyang Hydro Electric Project in Nagaland," said MS Manivannan adding that personnel of the National Disaster Response Force have been moved to Golaghat.

Many trains were diverted, cancelled or short terminated in Assam on Monday due to breach of railway track owing to rise in water level between Bokajan and Chongajan railway stations of Northeast Frontier Railway, an NFR release said here.

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IN ARABIAN SEA

Two cyclones may co-exist for a while

Anonna Dutt

letters@hindustantimes.com

NEW DELHI: Even as super cyclonic storm Kyarr continues to move towards the Oman-Yemen coast, another low-pressure system over the Indian Ocean off the coast of Sri Lanka will strengthen and move towards the south Arabian Sea, officials said.

The second system might further intensify into a cyclone over three days. With Kyarr likely to dissipate only on November 2, the two cyclones might co-exist on the Arabian Sea.

"From our predictions, it looks like both the cyclones will co-exist for some time. Normally, two strong systems like these do not even form in close proximity as they take away energy from each other. And, even when they form it is highly unlikely to co-exist, but it looks like that is what will happen," said GP Sharma, vice-president of meteorology at private weather forecaster Skymet Weather Services.

The second low pressure system will come close to the south Peninsula near the Comorin area, where it will intensify into a depression by Tuesday afternoon. This will continue to bring rain to Kerala and south Tamil Nadu for at least another three

Normally, two strong systems like these do

not even form in close proximity as they take away energy from each other.. but looks like that is what will happen.

GP SHARMA, vice-president of meteorology, Skymet

days. Kerala has already received 54% excess rainfall since October 1, according to the data from the India Meteorology Department (IMD).

Kyarr had developed into a cyclone on Friday and intensified into a super cyclonic storm on Sunday.

This is the second super cyclonic storm ever to form over the Arabian Sea. "It is difficult to say how many such systems have developed in the past as the category of super cyclone was introduced in 1998. The first super cyclone recorded was the Odisha cyclone in 1999 that originated in Bay of Bengal. Another super cyclone Gonu originated in the Arabian Sea in 2007," said Dr Mritunjay Mohapatra, director general of IMD.

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GUJARAT/EASY AVAILABILITY OF DRINKING WATER

In Vadodara — the 'boon' of flowing tap water in homes

ADITI RAJA

VADODARA, OCTOBER 28

THE TEDIOUS ritual of Diwali cleaning was never so fun for 32-year-old Rekha Solanki as she enjoys the feel of water gushing out of a PVC pipe in her two-room home in Navinagri village, some 22 km away from Vadodara city. For over a decade since she married her husband Girish, who is a farm labourer, Rekha has had to walk about a kilometre to the adjoining Ghanshyampura village to draw water from a tubewell for the entire household — that's five containers of 15 litres each.

But in the last four months, her life has changed as she now has her own tap connection with "flowing water". "This water connection at home has come as a boon," says Rekha with a smile. She is not alone. All the women around her are relieved and happy because the task of running around for water was typically the headache of the women in every household.

Navinagri and Ghanshyampura are among the 95 villages in the Waghodia



A water filtration plant of Waghodia taluka of Vadodara district Bhupendra Rana

taluka that now receive 100 per cent tap connectivity of surface water for drinking purposes. The entire district of Vadodara — a total of 660 villages — will soon see similar connectivity to surface water from the Narmada and the Mahisagar rivers that flow

through the district.

The changes are part of an initiative to ensure every household in the district has doorstep tap connectivity and access to clean, surface water. A pet project of District Collector Shalini Agarwal, which has already won a na-

SUCCESS RATE TILL DATE

515 villages have 100% tap connectivity

53 villages have 90 to 95% tap connectivity

62 villages have 75 to 90% tap connectivity

tional Skoch Excellence award, it aims to complete the shift from groundwater to surface water for the entire district by 2020, with over 50 per cent districts already receiving drinking water from surface resources since the implementation of the project.

Initially, water supply schemes in Vadodara were based on groundwater sources such as handpumps, open wells, tube-wells. With the development in agricultural, industrial, residential, commercial sector, the overall exploitation of groundwater and the use of pesticides along with decreased and uncertain rainfall led to an un-

sustainable situation.

"We saw that a Regional Water Supply Scheme based on surface source (Dam/River/Canal) for drinking purpose could be a sustainable source. We began a comprehensive implementation of an integrated drinking water supply project," says Vadodara District Collector Shalini Agarwal.

Agarwal, who has played a crucial role in ensuring that the water department of the district receives clearances and permissions from all authorities concerned at war footing, says, "rural Vadodara was heavily dependent on groundwater for drinking purposes and we are all aware that groundwater is contaminated in many places ... The district is surrounded by rivers like Narmada and Mahisagar and so it was only a matter of ensuring that we utilize these resources for drinking water. Our aim is to cover every village, every hamlet and every household under this scheme", she says.

The project implementation involved planning to lay of water supply network in areas where homes had not seen tap water supply to date as well as the upgrade of old drinking water supply schemes.

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HC notice to govt. over plea on encroachments

Petition raises water scarcity issues

STAFF REPORTER
NEW DELHI

The Delhi High Court has issued notice to the city government on a petition seeking the removal of encroachments from government lands, which were used for water reservoirs and their replenishments.

Devender Singh from Asola village and RTI activist, through his public interest litigation (PIL), has asked the court to intervene on the issue concerning the protection of the environment.

'Used as waterbodies'

The petition has sought the removal of all illegal encroachment on the lands which were used as waterbodies in Asola, Shahrpur, Satbari, Chatterpur, Dera Mandi, Gadai-pur, Fatehpurberi, Chandanhulla and Rajpurkhurd.

The petition, filed through advocate Vardhman Kaushik, claimed that the residents of these villages are facing acute shortage of water for irrigation

and agriculture, as the water level has gone down by 250 feet and the waterbodies such as johads/talabs/pokhars in the area have either dried up or are encroached for illegal constructions of residential complex.

Mr. Singh said he studied the revenue records of village Asola and found that there was once a waterbody in the area but with steady encroachments, it has completely dried leading to the lowering of water level in the village.

He said for any efforts for revival of the waterbodies at the said location to take effect, the first and foremost step has to be the identification and subsequent removal of all the encroachments.

Water table in Delhi

"The depletion of the water table in Delhi has reached a grave stage where the state of Delhi could run out of water entirely by 2020," the plea said.

Supercyclone 'Kyarr' moves away from Indian coast

SPECIAL CORRESPONDENT
NEW DELHI

Supercyclone 'Kyarr' in the Arabian Sea has moved westwards and away from India's coast, according to the India Meteorological Department (IMD).

'Kyarr' lay 830 km west-southwest of Mumbai and 1,160 km east-northeast of Salalah (Oman). It is "very likely" to move west-north-

westwards till October 30 to recurve west-south-westwards thereafter and move towards the Gulf of Aden off south Oman-Yemen coasts in the next three days. "It is very likely to maintain the intensity of a Super Cyclonic Storm till 28th October evening and weaken gradually thereafter," the IMD said in a press statement.

Gales reaching 230-240

kmph and gusting to 265 kmph, were prevailing around the cyclone's centre over the central Arabian Sea and it was very likely to reduce gradually to 130 kmph by November 1.

Fishermen have been advised not to venture into the east-central Arabian Sea till Wednesday and into west-central Arabian Sea till November 2.

Will send report to Centre for flood aid after assessment: K'taka

PTI ■ BENGALURU

The Karnataka government on Monday said it was assessing the damage caused by the second spell of floods in the state and would soon send a report to the Centre, seeking aid.

"As there were floods for the second time in the State, our officials are assessing the fresh damage. We have held discussions and at the earliest will send a report on this to the centre," Revenue Minister R Ashoka said.

Speaking to reporters here, he said there have been no rains in the affected regions since Sunday and flood waters have receded.

He said the Met Department has forecast possibility of rains for a day in parts of Belagavi, Bagalkote, Dharwad, Gadag, Haveri, Ballari and Koppal in

north Karnataka.

In coastal and Malnad regions too there have been no heavy rains and the cyclone in Arabian Sea has moved towards Oman, he said. Various parts of the state last week faced a deluge for the second time in two months, killing 13 people and damaging about 10,038 houses. Ashoka said those affected would be provided the same kind of relief given to those hit by the floods in August.

NDRF and SDRF teams stationed in affected regions would continue to stay put for some more days, he said, adding that officials have been asked to work towards relief and rehabilitation of the affected, without taking holidays.

A total of 2,798 villages in 103 taluks of 22 districts in Karnataka were affected by the

rains and floods in August, in which around seven lakh people were shifted to safe areas.

Ninety one people lost their lives and about 3,400 heads of cattle had perished.

The Centre had recently released ₹1,200 crore as interim relief to the State, which had sent a damage estimate of ₹35,160.81 crore. Ashoka said the State Government has so far released ₹6,449.93 crore for flood relief and added that the balance amount of interim relief from the centre would also be given after it was finalised, as per rules.

"Let there be no doubt about it, it will come... ₹1,200 crore is being utilized to pay compensation for crop damage to farmers, through RTGS directly to their account," he said. Ashoka said last year's drought relief amount of ₹1,045 crore has also been

given by the centre and was now being distributed to farmers.

Noting that there were complaints from farmers that relief amount was being impounded by banks for loans they had received and failed to repay, Ashoka district officials have been instructed to serve notices to banks as this action cannot be taken as per rules. Referring to defence land in Bengaluru to be taken over by the Corporation for road widening and infrastructure projects, he said the Revenue Department has decided to provide them alternate land of 36.34 acres in other towns. "In Hassan we are giving 7.14 acres, 17.20 acres in Mandyas Pandavapura and 12 acres in Ramanagaras Magadis taluk and the Defence Department has agreed for it," he added.

समुद्री बाढ़ से तबाही की आशंका तीन गुना बढ़ी

अध्ययन

नई दिल्ली | मदन जैड़ा

समुद्र का जलस्तर बढ़ने से तटीय क्षेत्रों में बाढ़ का खतरा कहीं ज्यादा हो सकता है। एक नई शोध रपट में कहा गया है कि जितने खतरे का आकलन पहले किया गया है, वास्तव में उससे तीन गुना ज्यादा लोग प्रभावित हो सकते हैं। भारत समेत छह देशों पर यह खतरा सबसे ज्यादा है।

नेचर कम्युनिकेशन में प्रकाशित क्लाइमेट सेंट्रल का यह नया अध्ययन चौंकाने वाला है। नासा के शटल राडार टेक्नोलॉजी मिशन (एसआरटीएम) की मदद से तटीय क्षेत्र की डिजिटल मैपिंग के जरिये यह अध्ययन किया गया।

इसके अनुसार कुल 135 देशों में यह खतरा बढ़ता दिख रहा है लेकिन भारत, चीन, बांग्लादेश, इंडोनेशिया, वियतनाम एवं थाईलैंड इससे सर्वाधिक

3.8 करोड़ भारतीयों पर असर

नये आकलन में पूर्व के मुकाबले 18.3 करोड़ ज्यादा लोगों के प्रभावित होने का खतरा है। चीन में पहले 2.6 करोड़ लोगों पर खतरा था लेकिन अब यह संख्या 8.7 करोड़ होने की आशंका जाहिर की गई है। भारत में पहले 60 लाख लाख की बजाय अब 3.8 करोड़ लोगों पर खतरे का अनुमान किया गया है।

प्रभावित होंगे। रिपोर्ट में कहा गया है कि 2050 तक विश्व में करीब 30 करोड़ लोग समुद्र का जलस्तर बढ़ने से प्रत्यक्ष रूप से प्रभावित होंगे। जिनमें से 23.7 करोड़ लोग उपरोक्त छह एशियाई देशों के होंगे। समुद्र के जलस्तर में बढ़ोतरी के चलते हाई टाईड लाइन स्थायी रूप से बढ़ जाएगी। यह उन क्षेत्रों में दखल देगी जहां लोग बसे हुए हैं। लोगों को वह जगह छोड़नी होगी वना वह इसकी चपेट में आ सकते हैं।

क्यार से साढ़े तीन मीटर ऊंची लहरें उठ सकती हैं

अहमदाबाद | एजेसी

अरब सागर पर बने चक्रवाती तूफान क्यार के धीरे-धीरे ओमान सागर की ओर बढ़ने का अनुमान है लेकिन इससे अगले कुछ दिनों में गुजरात के कुछ हिस्सों में बारिश होने की संभावना है। तेज हवाओं से समुद्र तट पर 3.5 से 4.5 मीटर ऊंची लहरें उठ सकती हैं।

भारतीय मौसम विज्ञान विभाग (आईएमडी) ने सोमवार को राज्य के मछुआरों को खराब मौसम के कारण अगले दो दिनों तक समुद्र में नहीं जाने

की सलाह दी है। आईएमडी ने बताया कि चक्रवात अभी 830 किलोमीटर दूर मुंबई के पश्चिम-दक्षिणपश्चिम तट पर है और इसके बुधवार तक पश्चिम-उत्तरपश्चिम की ओर बढ़ने का अनुमान है। उसने कहा कि क्यार के सोमवार शाम तक शक्तिशाली चक्रवाती तूफान की तीव्रता बनाए रखने के आसार हैं।

आईएमडी के अहमदाबाद केंद्र के निदेशक जयंत सरकार ने कहा कि गुजरात चक्रवाती तूफान से बचा रहेगा लेकिन कुछ स्थानों पर बेमौसम बारिश होने का अनुमान है।