

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-25-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



Times of India 25-October-2020

After 5 years, dams filled to brim in drought-prone Marathwada

Sidhu Sankaye

Prasad.Joshi@timesgroup.com

Aurangabad: All the 11 major dams in Marathwada, including the Manjra dam that is prone to dry storage and supplies water to Latur, Sina Kolegaon and Lower Dudhna in Osmanabad district, are almost filled to the designed storage capacity, thanks to record rainfall.

Jaisingh Hire, assistant engineer with Command Area Development Authority (CADA), Aurangabad, on Saturday said the cumulative storage in these major reservoirs was the highest in the last decade and a half.

Marathwada has faced droughts twice in the last six years and the threat of water scarcity looms over the region every year, especially in Latur, Osmanabad and Beed districts due to relatively poorer storages in major dams that supply water to them.

The overflowing dams have now addressed issues of the water-scarcity prone areas of the region at least till the end of December next year.

Notably, Latur had grabbed national and international attention when it was forced to supply water through special trains during the summer of 2016 owing to scanty rainfall. "The storage in the Sina Kolegaon dam



END OF DRY SPELL: The Manjra dam in Beed, which is the lifeline for Latur and other areas, is almost full to the designed storage level

was very poor in the last 15 years due to low rainfall in catchment areas. Similar was the case with Manjra for around 10 years. Overall, the collective storage in all the dams in the region is exceptional this year due to the good run of monsoon," said Hire.

Four of the major irrigation projects — Sina Kolegaon (-80%), Majalgaon (-18%) and Manjra (-17%) in Beed district and Lower Dudhna (-15%) in Parbhani district — were in dead storage during the corresponding period last year.

Hire said that the available water stock is expected to produce a bumper season of rabi crops ahead even if kharif crops have taken a hit in many areas due to excessive rainfall.

"The meetings of canal advisory committees for every major irrigation project, to be convened shortly, will decide on allocation of water for drinking, irrigation and industrial among other needs. There is sufficient water to cater to all possible demands," he said.

The total 11 major dams were showing 180 TMC live storage (99%), which is more than twice the average stock that has been held by them in the last five years.

The 75 medium dams in the region were showing 31 TMC live storage (92%), whereas 752 minor dams were holding 47 TMC water (80%). A total of 38 barrages on different major rivers from Marathwada were showing 11 TMC water in total (94%).

More than 50% of T'gana lakes overflowing

Koride.Mahesh@timesgroup.com

Hyderabad: A survey by Telangana's water resources department has revealed that more than 50% of the state's lakes are overflowing, thanks to the heavy rains of the past week. Officials said as many as 24,000 of 43,000 lakes are overflowing. Another 15,152 lakes and tanks have reached 75% to 100% of their full capacity.

Sources added that while the rains cause death and destruction in many parts of the state, including Hyderabad, the overflowing waterbodies offer a unique opportunity to mark their correct full tank levels.

The overflowing lakes also have a flip side. "This means, water is guaranteed for rabi season. The lakes will meet water requirements of thousands of villages next summer," Sridhar Deshpande, CM's officer on special duty (water resources) said.

Full report on www.toi.in

The Hindu 25-October-2020

Central team to study flood damage in A.P.

It will submit report in a week

STAFF REPORTER

VIJAYAWADA

The Disaster Management Division of the Ministry of Home Affairs (MHA) is immediately dispatching an Inter-Ministerial Central Team to assess the damage caused by the recent floods and relief operations conducted in Andhra Pradesh.

A communication to this effect was sent to the State Commissioner for Disaster Management K. Kanna Babu.

The Central team will be led by MHA Joint Secretary Rakesh Kumar Singh and

consists of representatives of Ministries/Departments of Agriculture, Finance, Jal Shakti, Power, Road Transport & Highways and Rural Development.



Additional funds

The team will make an on-the-spot detailed assessment of the situation that arose from floods, and make recommendations for allocation of additional funds in the wake of the floods. The MHA instructed the team to submit its report within a week of its return and after making a final assessment.

Morning Standard 25-October-2020

Chhattisgarh forms panel to probe 'irregularities' in Jal Jeevan Mission

EJAZ KAISER @ Raipur

CHHATTISGARH CM Bhupesh Baghel has constituted a committee to inquire into the complaints of "irregularities and undue favour" in the process of work contract allotted for the Centre's flagship project 'Jal Jivan Mission'.

Taking cognisance of the series of complaints against the public health engineering department that has allotted contract to the vendors and firms in different districts of the state, Baghel has directed for an investigation. A three-member committee headed by chief secretary R P Mandal

will submit its report. The Jal Jivan Mission aims to provide drinking water to all rural households in adequate quantity by 2024.

The Centre has approved ₹7,000 crore to Chhattisgarh for the scheme, a senior official said. However, there were repeated allegations of "giving undue favour and indiscretions" in the allocation of contracts in which huge works have been awarded to firms from outside the state.

"This is the situation when around 1,200 vendors from the state got themselves empanelled under the JJM programme, but they were largely

neglected through altering the contract conditions," claimed a local vendor.

The BJP lashed out at the Congress government calling the "massive irregularities" committed by the state officials as yet another corrupt practices exposed.

"Unless there is a high-level independent probe, nothing concrete would come out of the panel. It will be just an eye-wash. The intention of the state government is not that of public welfare but to misuse the allotted funds by indulging in corruption," said Dharamlal Kaushik, leader of the Opposition.

The Tribune 25-October-2020

Will provide piped water to rural households by 2022: J&K to Centre

RAVI S SINGH

TRIBUNE NEWS SERVICE

NEW DELHI, OCTOBER 24

Jammu and Kashmir on Saturday committed to the Centre to provide piped drinking water to every rural household by December 2022 under the Jal Jeevan Mission (JJM), ahead of the national deadline.

The commitment was reaffirmed during the Union Jal Shakti Ministry's review meeting with the authorities of Jammu and Kashmir on the status of implementation of the JJM.

The JJM is a key scheme of the Centre with a goal to provide every rural household with piped potable water by 2023-24.

During the review meeting, the Jammu and Kashmir authorities presented their

Ladakh L-G launches 100-day campaign

- **Kargil:** Ladakh Lt Governor RK Mathur on Saturday launched the 100-day campaign to provide assured portable water supply to schools and anganwadi centres in the UT, an official spokesman said.
- He also promised opening of drinking water quality testing labs under the Jal Jeevan Mission (JJM) Har Ghar Jal. PTI

progress on the implementation of the JJM in the UT.

The Ministry was informed that Jammu and Kashmir is all set to fulfil Prime Minister Narendra Modi's call to ensure piped potable water supply for every school and anganwadi centre across the

country within 100 days.

Subsequent to Modi's call, the ministry had launched the 100-day campaign on the 151st Gandhi Jayanti on October 2.

The union territory has 18.17 lakh households, out of which 8.38 lakh (46%) are already provided with tap water connections.

It has been allocated Rs 681.77 crore as Central share under the JJM for this financial year.

It is eligible for additional allocation based on physical and financial performance.

The UT has finalised the Village Action Plan (VAP) in respect of 4,038 villages.

The Village Action Plan's components include source strengthening, water supply, grey water management and operation and maintenance.

The Tribune 25-October-2020

CWC to study sediment deposition in reservoirs

VIJAY MOHAN
TRIBUNE NEWS SERVICE

CHANDIGARH, OCTOBER 24

The Central Water Commission (CWC) will undertake sedimentation studies at major reservoirs across the country to assess the change in their storage capacity as well as to determine their life expectancy.

According to sources, a list of 32 reservoirs in different states, including those situated in North India, has been drawn up where the level of sedimentation and its effects will be examined. Funding for the project has been received from the World Bank.

Sedimentation is the process where loose soil, silt, rock and debris flow in with the water that enters reservoirs and deposit on the bed. The level of sedimentation depends upon the terrain, geology and environmental con-



WHAT IS SEDIMENTATION

- Sedimentation is the process where loose soil, silt, rock and debris flow in with the water that enters reservoirs and deposit on the bed. The level of sedimentation depends upon the geology of the area through which rivers flow.
- Citing the example of the Bhakra Dam on the Sutlej in Himachal, an official said over the past about 50 years, the designed capacity of the dam's reservoir may have reduced by almost 25 per cent due to deposit of silt.

ditions of the area through which the feeding rivers and tributaries flow. Sedimentation, according to

sources, is unavoidable and over a period of time, reduces the storage capacity of the reservoirs. This has

detrimental effects on the dam's intended benefits such as provision of water for drinking and irrigation, flood control and power generation. Large-scale deforestation, unscientific agricultural practices, industrial processes and anthropogenic activities in the catchment areas tend to increase in silt load in rivers and aggravates sedimentation of reservoirs.

Citing the example of the Bhakra Dam on the Sutlej in Himachal, an official said over the past about 50 years, the designed capacity of the dam's reservoir may have reduced by almost 25 per cent due to deposit of silt.

Sources said the surveys would be carried out through integrated hydrographic and integrated bathymetric systems that include employment of drones and use of artificial intelligence.

The Statesman 25-October-2020

Water sharing

Two of the major rivers in India, the Godavari and the Krishna, flow through Telangana, but neither has been dammed within its territory for irrigation or power generation in the last 73 years. It remained a separate State till 1956 as Hyderabad when it merged with Andhra to form Andhra Pradesh and separated in 2014 as Telangana. The multi-purpose Polavaram project on the Godavari became a bone of contention between the two States, but it has been declared a national project for the development of irrigation, hydro-electric power and drinking water facilities to East Godavari, Vishakapatnam, West Godavari and Krishna districts under the Andhra Pradesh Reorganisation Act, 2014. The ongoing Pranahita-Chevelle project of the composite AP was upgraded into the Kaleshwaram Lift Irrigation Project on the Godavari for the benefit of Telangana. Being executed by the State government, the scheme would irrigate about 18.5 lakh acres of land and provide safe drinking water to every city and village in Telangana. It will also help restore the ground water level to its original state by way of shifting from usage of groundwater for irrigation to surface water. When everything seemed to be going well, the Principal Bench of the National Green Tribunal on 20 October held that the environmental clearance for the Kaleshwaram Lift Irrigation Project was granted ex post facto by the Ministry of Environment after completion of substantial work and in violation of law, and wanted remedial measures to be taken. The Bench recalled the Union Minister of Jal Shakti, Gajendra Shekhawat, writing to the Telangana Chief Minister not to proceed with the project without submitting detailed project reports to the Godavari River Management Board. The shocking news came as Hyderabad suffered its worst ever floods since independence. All major river projects undertaken hitherto by successive governments of AP favoured the Andhra region at

the cost of Telangana. The Nagarjunasagar Dam on the Krishna was built in the mid-1950s on the border of Nalgonda and Guntur districts. Vast tracts of Telangana land got submerged, while Guntur, Prakasam, Krishna and West Godavari districts of Andhra got assured irrigation. The second dam across the Krishna constructed in 1960s benefited the Rayalaseema region of Andhra. The first irrigation scheme on the Godavari was constructed before independence, also to benefit coastal Andhra. The Kaleshwaram project was taken up in 2008 by the composite government of AP, but hardly made any progress as it was intended primarily to benefit Telangana. Only after bifurcation did the project gain traction. A special purpose vehicle – Kaleshwaram Irrigation Project Corporation Limited – was established and about Rs 20,000 crore mobilised for its speedy completion. The NGT has thrown a spanner in the works now. Its Principal Bench said, "We find that in spite of finding illegality in granting EC, it is neither possible nor desirable to undo what has happened, but accountability needs to be fixed and remedial measures taken." While the squabbling goes on, millions of cubic feet of water drains into the Bay of Bengal unutilised.

The Statesman 25-October-2020

CGWB asks states, UTs to ensure there is no wastage of groundwater

PRESS TRUST OF INDIA
NEW DELHI, 24 OCTOBER

The Central Ground Water Board (CGWB) has asked the state agencies dealing with water supply to ensure that there is no wastage or misuse of potable underground water and evolve compliance with coercive action.

An order dated October 8 was issued to the states and Union territories following a directive from the National Green Tribunal, an official from the CGWB said.

Another CGWB official said the action is to be taken under the Environment (Protection) Act, 1986 which specifies imprisonment of up to five years and a fine of up to Rs 1 lakh for non-compliance of provisions.

"...the concerned civic bodies dealing with water supply network in the states/union territories, Water Works Department, Municipal Corporation, Municipal Council, Development

CGWB official said the action is to be taken under the Environment (Protection) Act, 1986 which specifies imprisonment of up to five years and a fine of up to Rs 1 lakh for non-compliance of provisions

Authority, Panchayat or by any other name, shall ensure that there is no wastage or misuse of potable water tapped from underground and evolve compliance mechanism with coercive measures for violation," the CGWB order said.

"No person in the country shall waste or misuse potable water resources tapped from ground," it said.

The CGWB also mentioned the NGT directive issued in October 2019 which said in order to control wastage of water, there has to be specific time-bound

action plan and monitoring which should include coercive measures for enforcement.

The NGT recently rapped the Centre over inadequate measures to prevent wastage and misuse of groundwater, saying there has to be specific time-bound action plans and monitoring.

A bench headed by NGT Chairperson Justice Adarsh Kumar Goel said the response filed both by the Ministry of Jal Shakti as well as the Delhi Jal Board does not show clear enforceable policy to check such misuse and wastage.

"The affidavit is vague and general. It is stated that letters have been written to the states. This step by itself can hardly be enough to discharge the public trust reposed in the Ministry of Jal Shakti," the bench said.

"Apart from writing a letter, there has to be specific time-bound action plans and monitoring which should include coercive measures for enforcement," it added.

Deccan Chronicle 25-October-2020

EXPERT | TALK

46% area inundated for 1st time, OU study shows

Interlinked lakes key to halt flood

S.A. ISHAQUI | DC
HYDERABAD, OCT. 24

Interlinking the 185 waterbodies remaining in Hyderabad and diverting floodwater using advanced technology are the only ways to prevent flooding in the future in the state capital which is becoming increasingly prone to very heavy rainfall.

This was the view of engineers that emerged at a meeting convened by the Institute of Engineers, Telangana state chapter, on Saturday.

Prof. M. Gopal Naik, head of Osmania University's civil engineering department, presented a startling data on the floods that occurred after the 32 cm of rain on October 13 and 14 in

the city. About half the areas — 46 per cent — was inundated for the first time, and water stood at these areas for two to five-feet for more than 24 hours. Another 32.72 per cent areas were inundated two to five times previously.

Seven per cent of the areas had suffered inundation six to 10 times in earlier years. Areas which had

an inundation history of more than 10 times comprised 14 per cent.

Prof. Naik said that 40 per cent of the affected areas had water standing at two feet, 46 per cent had two to five feet and 12 per cent areas suffered inundation of more than five feet.

■ Page 5: Evaluate lake capacity: Expert

Millennium Post 25-October-2020

B'loru rains: K'taka CM announces Rs 25,000 compensation for affected families

BENGALURU: Karnataka Chief Minister B S Yediyurappa on Saturday announced a compensation of Rs 25,000 for every family affected by flooding caused due to torrential rains in several parts of the city.

The Chief Minister also assured a permanent solution to ensure that such incidents don't repeat as he announced that all encroachments along the storm water drains in the city will be cleared mercilessly.

"To all those who have faced destruction to their food grains, cloths and other things because of water entering houses due

to flooding and rain, we have decided to give a compensation of Rs 25,000 per family through cheque... we are taking all the precautionary measures if there are rains today or in coming days," Yediyurappa said.

Speaking to reporters after visiting affected Hosakerehalli and near by areas, he said from this evening itself cheque will be distributed to every affected house.

"I have asked BBMP (civic body) officials to work honestly so that not even a rupee is misused. According to me there are about 650-700 houses

that might have been affected," he added.

Ahead of his visit to affected areas, Yediyurappa chaired a meeting with Bruhat Bengaluru Mahanagara Palike Administrator Gaurav Gupta, its Commissioner N Manjunatha Prasad and other senior officials, along with Revenue Minister R Ashoka, who is also MLA from the city, and took stock of the situation.

The CM, who is also the in-charge of Bengaluru city related affairs, instructed the city civic body to stay alert as the Met department predicting heavy

rains for two more days.

Noting he has also given instructions to take permanent solution measures to avoid such incidents from repeating, Yediyurappa said we came up with a plan to clear encroachments and improve the condition of storm water drains, but as the work was on, this has happened.

"We will see to that there are no encroachments here on and take measures so that such incidents don't repeat. I'm assuring a permanent solution... all encroachments of storm water drains will be cleared merci-

lessly, we will start the work in two to three days," he added.

After rains lashed the city last evening, several areas, especially south Bengaluru region had faced the brunt as storm water drains overflowed, roads turned into rivulets and many houses were inundated.

While there was water logging in many parts of the city, areas such as Hosakerehalli, Nayandahalli, Basavanagudi, Bommanahalli, Rajarajeshwari Nagar and surrounding places were hit as several roads and houses in these areas were submerged under water. AGENCIES

The Hans 25-October-2020

THE HANS INDIA

Central team to visit flood-hit places

AMARAVATI/NEW DELHI

THE Union home ministry has begun the procedure to depute a Central government team to visit rain-battered Andhra Pradesh for on the spot evaluation of damage and relief efforts, aimed at recommending additional funds.

"The team will also recommend whether the disaster can be considered to be of a severe nature in the state," said an official.

A ministry of home affairs (MHA) office memorandum said Rakesh Kumar Singh, joint secretary (P-I) from the same ministry will lead the team with representatives from six more ministries.

Agriculture, finance (department of expenditure), Jal Shakti (department of water resources), power, road transport and highways and rural development (rural housing) are the six ministries.

Union Home Ministry sources say the team will conduct on the spot evaluation of damage and recommend whether additional relief is needed



These ministries have been requested to nominate officers familiar with the ongoing schemes and programmes to assist the team leader in their visit to the southern state by 4 p.m. on Monday.

"It is also requested that the details of allocation, release of funds and expenditure incurred during 2016-17, 2017-18, 2018-19 and 2019-20, under various schemes implemented by the

ministry concerned in AP may also be provided to the team leader," said the official.

Considering the urgency of the matter, the official said the Central team may visit AP immediately and on return should submit 20 copies of its report within a week to the disaster management division of MHA after making the final assessment.

The Hans 25-October-2020

Link 185 lakes to avoid floods: Experts

HANS NEWS SERVICE

HYDERABAD

ENGINEERING experts suggested the government to link the 185 lakes in the city with modern technology to avoid flooding in the city.

A meeting was organised on 'Unprecedented Rainfall Events in Hyderabad and its Suburbs-2020 Points to Ponder Over' at the Institute of engineers here on Saturday. The engineers later met State Planning Board Vice Chairman B Vinod Kumar and suggested several measures. The experts suggested the government to restore nalas and remove encroachments thereby streamlining the flood water flow. The experts wanted the government to form a time-bound high-level committee to give a report after deeply examining the situation and suggesting the government corrective measures.

The experts said that about 100 years ago, Hyderabad had a population of about four to five lakh but because of the heavy rains then about 17,000 people died. Fortunately, presently the population of the city was one crore but loss of lives was less. They said that out of the total colonies inundated, 45 per cent were those in which flooding was reported for the first time. Another 35 per cent of the colonies witnessed floods for second and ten per cent colonies reported floods several times.

The engineers suggested that by linking the water bodies like Gandipet Osmansagar and Himayatsagar water with the catchment area of Musi River, encroachments should be removed and water can be taken out easily. They have also suggested the government that it would be good to clean the water with sewage treatment plants and diverting the flood water to downstream.

The experts said that it was not a big issue to solve the problems of Greater Hyderabad Municipal Corporation. They added that they would soon meet Chief Minister K Chandrashekar Rao and Municipal Administration Minister KT Rama Rao and give them a report.

Haribhoomi 25-October-2020

जम्मू एवं कश्मीर के हर
स्कूल और आंगनवाड़ी केंद्र
में जल्द मिलेगा शुद्ध पानी

जल जीवन मिशन योजना के तहत में जम्मू-कश्मीर को 681.77 करोड़ मिले

हरिभूमि ब्यूरो.नई दिल्ली

प्रधानमंत्री नरेन्द्र मोदी के विजन के तहत दो अक्टूबर से देशभर के सभी स्कूलों और आंगनवाड़ी केंद्रों में पेयजल की आपूर्ति के लिए चलाए जा रहे अभियान के तहत केंद्र शासित प्रदेश जम्मू-कश्मीर ने जल्द ही इस लक्ष्य को पूरा कर लिया जाएगा। वहीं 2024 तक देशभर के सभी ग्रामीण घरों में नल कनेक्शन के जरिए जलापूर्ति मुहैया कराने के लक्ष्य को जम्मू-कश्मीर में 2022 में ही पूरा करने की योजना है।

केंद्रीय जलशक्ति मंत्रालय के अनुसार प्रधानमंत्री नरेन्द्र मोदी के विजन और दिशा-निर्देश पर जल शक्ति मंत्रालय ने 2 अक्टूबर को देशभर के सभी स्कूलों और आंगनवाड़ी केंद्रों में पेयजल की आपूर्ति सुनिश्चित करने के लिए 100-दिवसीय अभियान शुरू किया था। केन्द्र शासित प्रदेश जम्मू-कश्मीर में इस तय अवधि के भीतर

पूरा करने के लिए इस अभियान को तेजी से चलाया जा रहा है। वहीं जम्मू-कश्मीर में जल जीवन मिशन के कार्यान्वयन की मध्यावधि आकलन के लिए जल शक्ति मंत्रालय की राष्ट्रीय जल जीवन मिशन टीम ने समीक्षा की है। इसके तहत जम्मू-कश्मीर ने केंद्र शासित प्रदेश में मिशन के कार्यान्वयन पर अपनी प्रगति प्रस्तुत की है। इसके तहत जम्मू-कश्मीर में जल जीवन मिशन को राष्ट्रीय लक्ष्य 2023-24 से पहले ही दिसंबर 2022 तक पूरा करने की योजना है। ऐसा करने से जम्मू-कश्मीर हर ग्रामीण घर को नल कनेक्शन प्रदान करने के महत्वाकांक्षी लक्ष्य को पूरा करने में एक प्रमुख उदाहरण बन जाएगा। जल जीवन मिशन की प्रगति रिपोर्ट के मुताबिक केन्द्र शासित प्रदेश जम्मू-कश्मीर में 18.17 लाख परिवार हैं, जिनमें से 8.38 लाख यानि 46 प्रतिशत ग्रामीण परिवारों को पहले से ही नल के पानी के कनेक्शन उपलब्ध कराए जा चुके हैं।

Rajasthan Patrika 25-October-2020

पौने दो लाख साल पहले बीकानेर में बहती थी नदी

जयभगवान उपाध्याय,ओम प्रकाश सोनी
patrika.com

बीकानेर/नाल. राजस्थान के बीकानेर शहर से करीब 15 किलोमीटर दूर नाल गांव में एक लाख 72 हजार साल पहले नदी बहने के संकेत मिले हैं।

करीब पांच साल तक वैज्ञानिकों की ओर से किए अनुसंधान में इसका खुलासा हुआ है। ऐसा भी माना जा रहा है कि नदी के आस-पास मानव आबादी भी थी, हालांकि इस संबंध में फिलहाल कोई पुष्टि नहीं हुई है।

क्वाटर्नरी साइंस रिव्यूज नामक पत्रिका में इन

वर्तमान में बजरी की खानें

जिस स्थान पर शोधकर्ताओं ने एक लाख, 72 हजार साल पहले नदी होने प्रमाण को इंगित किया है, उसके आस-पास वर्तमान में बजरी का खनन हो रहा है। शोधकर्ताओं ने नाल ग्राम स्थित खदानों में पाई जाने वाली रेत और ग्रेवल के कणों के आधार पर पता लगाया कि पाषाण युग में यहां नदी की मौजूदगी थी। वैज्ञानिकों ने इस खदान में मौजूद क्वार्ट्ज कणों का अध्ययन करके नदी के बहने का समय पता लगाया है। शोधकर्ताओं के अनुसार पहले थार मरुस्थल में लूनी घाटी में अस्सी से नब्बे हजार वर्ष पूर्व नदी के प्रमाण खोजे गए थे।

तथ्यों को प्रकाशित किया गया है। जर्मनी के द मैक्स प्लांक इंस्टीट्यूट फॉर द साइंस ऑफ ह्यूमन हिस्ट्री, तमिलनाडु के अन्ना विश्वविद्यालय और कोलकाता के आइआइएसईआर जैसे प्रतिष्ठित संस्थानों के शोधकर्ताओं ने वर्ष 2014 से 2019 तक इस क्षेत्र में नदी की खोज के लिए अनुसंधान किया था। शोधकर्ताओं के निष्कर्ष पर नजर डालें तो थार रेगिस्तान क्षेत्र में आधुनिक नदी और सुख चुकी घग्गर-हकरा नदी के रास्ते के बारे में भी सशुद्ध पेश करते हैं।

बैथली बांध से नहीं मिलेगा मोतीपुरा थर्मल प्लांट को रिजर्व पानी

छबड़ा. क्षेत्र में कम बारिश के बाद इस वर्ष क्षेत्र के मोतीपुरा स्थित थर्मल प्लांट की 250-250 यूनिट की 4 इकाई वाली तापीय विद्युत परियोजना को बैथली बांध से प्रतिवर्ष मिलने वाला 200एमसीएफटी रिजर्व कोटे का पानी नहीं मिल पाएगा। पानी नहीं मिलने की स्थिति में जहां बिजली उत्पादन पर प्रभाव पड़ने की संभावना जताई जा रही है, लेकिन क्षेत्र के किसानों के हित में जल संसाधन विभाग द्वारा इस वर्ष बैथली मध्यम सिंचाई परियोजना की दोनों नहरों में से छबड़ा क्षेत्र के किसानों की रबी की फसल के लिए आगामी 26 अक्टूबर से पानी छोड़े जाने का निर्णय किया गया है। गत 13 अक्टूबर को जल वितरण समिति की बैठक बैथली बांध के समीप आयोजित की गई थी।

