

Telangana Today- 30- June-2023

State ready to tackle deficit rainfall

Government prepares contingency plans to overcome challenges posed by adverse seasonal conditions

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HYDERABAD

The Kharif (Vanakalam) operations in the State are yet to take off on full scale as the rainfall recorded for June was largely deficit. With the inflows into irrigation projects still being dismal, the sowings under the irrigation sources are also not as desired so far. The live storage in a majority of the major and medium irrigation projects as of today is less compared to last year due to the deficit rainfall.

The State government is, however, ready with contingency plans to overcome the challenges posed by the adverse seasonal conditions. It has adopted an approach guided by caution in the management of irrigation projects. Irrigation authorities are gearing up with project-wise plans to meet the farm needs by all means from the second week of July.

The irrigation schedules under all major projects are likely to be finalised within a fortnight after a fresh review of the status of inflows. The Kharif projections made by the Agriculture Department are quite optimistic for the year. It has planned for cultivation of Kharif crops in over 1.4 crore acres and ensured seed availability accordingly.

The department favoured advancing the Kharif schedule by a few weeks so as to

ACTION PLAN | State government adopts an approach guided by caution in management of irrigation projects



- Authorities gearing up with project-wise plans to meet farm needs from second week of July
- Kharif operations yet to pick up in State
- Deficit rainfall leaves farmers in dismay

Kharif extent projected
1.4 crore acres

Cumulative rainfall received from June 1 to 28 is only **66.9 mm** against normal of **119.6 mm**

ONLY SIX DISTRICTS

Sangareddy, Vikarabad, Narayanpet, Nagarkurnool, Rangareddy and Nalgonda — received normal rainfall so far

Situation grim in nine districts

Jagtial, Peddapalli, Jayashankar Bhupalpal, Mulugu, Warangal, Hanamkonda, Karimnagar, Rajanna Sircilla and Khammam

- In these districts, the deficit is huge, ranging from **-60% to -99%**
- Storage levels in projects barring **two less than last year**

ensure that it would not have a cascading effect on the Yasangi season. Untimely rains in April have been causing extensive damage to the Yasangi crops. Chief Minister K Chandrashekhar Rao has mooted the idea of going in for early sowing to avoid the rain ravage.

The cumulative rainfall received by the State from June 1 to 28 is only 66.9 mm against the normal of 119.6 mm. With a deviation of -44 per cent, early sowing for

the Kharif could be a tough task this year. Only six districts — Sangareddy, Vikarabad, Narayanpet, Nagarkurnool, Rangareddy and Nalgonda have received normal rainfall so far.

Shortfall

As many as 18 districts — Adilabad, Kumram Bheem, Mancheril, Nirmal, Nizamabad, Mahabubabad, Kamareddy, Medak, Siddipet, Jangaon, Yadadri Bhongir, Medchal-Malkajgiri, Hyder-

abad, Mahabubnagar, Jogulamba Gadwal, Wanaparthy, Suryapet and Bhadrachalam received deficient rainfall. The shortfall ranges from -20 per cent to -59 per cent.

But the situation is grim in nine districts — Jagtial, Peddapalli, Jayashankar Bhupalpal, Mulugu, Warangal, Hanamkonda, Karimnagar, Rajanna Sircilla and Khammam where the deficit is large, ranging from -60 per cent to -99 per cent. How-

ever, the situation has improved considerably compared to last week. The monsoon was expected to be vigorous in the next two weeks.

The Kharif sowings, mainly in the rain-fed area, the extent of which is over 15 lakh acres, are expected to improve fast. The overall sowing crossed the 16 lakh acre mark, said official sources. The delayed monsoon will not make much impact on the command of

the Nagarjuna Sagar Left Canal, which is divided into three zones. Over 6.5 lakh acres, to be covered mostly with paddy crops will be supported by the project in the districts of Nalgonda, Suryapet and Khammam. Water would be released from the project as usual towards the end of July as it was the case for the last 23 years. The project has a reserve of about 18 TMC which could be drawn at any time to support the Kharif crops in its command.

Drinking water needs

As Irrigation officials put it, Telangana State has a full entitlement to the available reserve above the minimum draw-down level of the project. Andhra Pradesh had already released water for the Kharif crops in Krishna Delta in the basin. Telangana has, however, been showing restraint in view of the drinking water needs to be met on priority in case of any dry spell resulting in scarcity conditions.

So far as the Srisailem project is concerned, the situation is not encouraging. No draws could be made from the project without adequate inflows. The project has a live storage of 33.59 TMC as against 43.82 TMC on the same day last year. The water component of the Palamuru Ranga Reddy Lift Scheme getting ready needs to lift over 7 TMC to quench the thirst of over 1,200 vil-

lages in the Palamuru region. The Kalwakurthy Project is also depending on the draws from the project.

Jurala Project, which caters solely to Telangana needs in Krishna basin has a storage of 7.59 TMC as against 7.91 TMC on June 29, last year. No inflows could be expected immediately as the storage levels are alarming in the upstream projects in Karnataka such as Almatti and Narayanpur. Almatti has a live storage of 20.11 TMC as against 49.52 TMC on the same day last year.

So far as the Godavari basin project is concerned, the situation is relatively better. The Mid Manair project has storage of 18.43 TMC as against 7.43 TMC by June year last year. The Sripada Yellampalli had 11.99 TMC as against 8.49 TMC last year.

The storage in Sriram-sagar (17.22 TMC), Nizam Sagar (20.07 TMC), Lower Manair (7.33) and Kaddam project 2.92 TMC may help plan better for the season. Kaleshwaram Lift Irrigation Project Engineer-in-Chief N Venkateswarlu exuded confidence that the crops in the command area could be supported adequately during Kharif.

Good inflows are expected from Godavari in a week. The irrigation schedule could be finalised after a fresh review of State projects due in the first week of July, he added.

The Hindu- 30- June-2023

KSEB brings down power generation in hydroelectric stations of major dams

State utility to maintain maximum water level in dams and follow 'reserve shutdown mode' at Sabarigiri and Edamalayar due to poor rain during initial phase of monsoon

Sandeep Vellaram
IDUKKI

With the water level in all dams of major hydel power stations, including Idukki, fast depleting in the absence of adequate rain during the initial phase of the southwest monsoon, the Kerala State Electricity Board (KSEB) has brought down power generation at these stations. At the same time, the generation has been temporarily restricted at the Sabarigiri and Edamalayar hydel stations.

A senior KSEB official told *The Hindu* on Thursday that power generation continued at a lower level to ensure the minimum storage in the reservoirs, including Idukki.

Low-cost power

"Now low-cost power is available in the market and we are following a 'reserve shutdown mode' at the Sabarigiri and Edamalayar power stations to conserve the water there. Sometimes, power generation is temporarily stopped at small hydel stations to keep the existing water level. This is to also ensure the availability of water for



A view of the catchment area of the Kulamavu dam, which is part of the Idukki reservoir, this week.

drinking water projects," said the official.

A KSEB dam safety wing official said a high-level meeting by the power utility has decided to keep maximum storage in major hydel dams, including Idukki, after the latest weather forecast predicted low rain in July. "If the storage is low in hydel dams, power companies should raise the tariff for usage during peak hours. Now, the Moolamattom power plant generates power only during peak hours," said the official.

Power generation on

Wednesday at the Moolamattom power plant stood at 2.363 million units (mu). On Tuesday, it was 1.402 mu. Power generation at Sabarigiri and Edamalayar on Tuesday was nil. The total hydel power production in the State on Wednesday was 9.4744 mu.

SLDC data

According to State Load Despatch Centre (SLDC) data, the expected inflow of water at the major hydel dams till Thursday for the month of June was expected to generate 736.848 mu. However, the reservoirs re-

ceived water only for 205.011 mu. The storage in the major hydel dams on Thursday was 15% of the total storage capacity. It was 31% on the same day last year.

According to KSEB dam safety wing officials, the water level, however, has been slowly increasing in the hydel dams, including Idukki, in the last two days. The water level in the Idukki dam was 2305.98 ft on Thursday which is 14.06% of the total storage capacity. It was 2305.72 ft on Wednesday, 13.89% of the total capacity.

The Statesman- 30- June-2023

Monsoon in its advanced stage in India: IMD

SNS & AGENCIES

NEW DELHI, 29 JUNE

The monsoon, which is now in its advanced stage is active in the country according to the weather department in India and several states are expected to receive heavy rainfall in the coming few days.

Naresh Kumar, senior scientist at the India Meteorological Department (IMD) on Thursday said, "Monsoon is in its advanced stage and is active. We can see clouds over Kokan, Goa, Central India, as well as Northeastern states."

The senior scientist predicted heavy rainfall in Madhya Pradesh over the next two days. "The Low-Pressure area that originated from the north-west bay has now moved to the central part of north Madhya Pradesh. In the coming two days, Madhya Pradesh may witness heavy to very heavy rainfall.

More than 12 cm of rain is expected," he said.

He said that the winds will be strong on the west coast of the country due to low-pressure conditions.

"We are expecting extremely heavy rainfall (more than 20 cm) in parts of South Gujarat and Konkan Goa today," he said. He also predicted heavy rainfall in east and northeast India over the next five days.

"East and Northeast India is expected to receive heavy rainfall in the next five days, due to moisture-laden winds from the Bay of Bengal," the IMD scientist said.

Meanwhile, waterlogging was witnessed in several parts of Navsari, Gujarat due to heavy rainfall in the region on Thursday afternoon. As per IMD predictions, heavy rain is very likely at isolated places over the Bharuch, Surat, Navsari, Valsad, Daman, and Dadra Nagar

Haveli districts of the Gujarat region for the rest of the day.

Rain also lashed parts of Chandigarh. IMD predicted light to moderate rain/thundershowers over the parts of Tricity (Chandigarh, SAS Nagar (Mohali) and Panchkula) and adjoining areas.

Heavy rain lashed several isolated areas of Delhi-NCR this morning bringing down the minimum temperature to 27.1 degrees Celsius. Some parts of the national capital witnessed waterlogging after the rainfall. As per IMD, the city is expected to experience a cloudy sky with light to moderate rain and thundershowers on Thursday.

The monsoon arrived in the national capital on Sunday, two days before its scheduled onset, bringing respite to Delhiites from the scorching heat.

Rashtriya Sahara- 30- June-2023

नदियों और जलाशयों की जल भंडारण क्षमता में गिरावट



- देश में प्रमुख जल स्रोतों की भंडारण क्षमता में 15 फीसद से ज्यादा की क्षति हो चुकी है
- जल शक्ति मंत्रालय के मुताबिक, नदियों और जलाशयों में गाद निकालने में ढिलाई के कारण पानी की भंडारण क्षमता में सालाना 0.5 फीसद की आ रही कमी
- वर्तमान में यह क्षमता 258 अरब क्यूबिक मीटर (सीबीएम) है
- अतिक्रमण, शहरीकरण, अनियंत्रित खनन, अनियोजित नदी प्रबंधन, निर्माण गतिविधियां, बेतहाशा जल दोहन जैसे कारक बना रहे हैं समस्या को गंभीर

स्रोत: मीडिया इन्पुट्स

Dainik Bhaskar- 30- June-2023

ईआरसीपी • सरकार ने 10 जिलों में पेयजल सप्लाई को 14,200 करोड़ की एण्डएफ दी, टेंडर जुलाई में खुलेंगे भाजपा की डीपीआर, कांग्रेस कार्यकाल भी पूरा पर 13 जिलों में पेयजल-सिंचाई का सपना अधूरा

भास्कर न्यूज़ | जयपुर

ईस्टर्न राजस्थान केनाल प्रोजेक्ट (ईआरसीपी) की डीपीआर बनने के बाद लगातार दूसरी सरकार का कार्यकाल पूरा होने वाला है, लेकिन इस प्रोजेक्ट से पूर्वी राजस्थान के 13 जिलों के पेयजल व सिंचाई का पानी मिलने का सपना अधूरा रह गया। जलदाय विभाग व केंद्रीय जल शक्ति मंत्रालय ईआरसीपी पर कांग्रेस व भाजपा की राजनीति में उलझ कर रह गए।

मुख्यमंत्री की बजट घोषणा के बाद ईआरसीपी से 10 जिलों में पेयजल सप्लाई करने के लिए 14,200 करोड़ की प्रशासनिक व वित्तीय (एण्डएफ) स्वीकृति दी है। ईआरसीपी निगम ने प्रोजेक्ट के टेंडर लगा दिए हैं और जुलाई में खोले जाएंगे। अगस्त में वर्कऑर्डर होने के बाद फील्ड में काम शुरू हो पाएंगे। इन 13 जिलों की 2 लाख हेक्टेयर जमीन के लिए सिंचाई का पानी देने का काम फिलहाल अधूरा है। इसके लिए केंद्रीय जल शक्ति मंत्रालय व केंद्रीय जल आयोग के फाइल का अप्रूवल जरूरी है।

बजट में घोषणा के बाद शुरू हुआ काम

मुख्यमंत्री के पिछले बजट में घोषणा के बाद जून 2022 में ईआरसीपी निगम का गठन हुआ। सीएम ने इस साल बजट में ईआरसीपी के लिए 13 हजार करोड़ की घोषणा की। इसके बाद रामगढ़ बैराज (बारां), महलपुर बैराज (बारां) व नवनेरा-गलवा-बीसलपुर-ईसरदा लिंक प्रोजेक्ट के लिए 14,200 करोड़ का प्रोजेक्ट प्रतिवेदन बनाया। इसके लिए टेंडर लगा दिए हैं। टेंडर अगस्त में खोलकर सितंबर तक वर्कऑर्डर दिए जाएंगे।

अगले चरण में सिंचाई पर होगा काम

अगले चरण में डूंगरी बांध (सवाई माधोपुर), राठौड़ बांध (सवाई माधोपुर) का निर्माण किया जाएगा। इसके बाद टोंक, सवाई माधोपुर, दौसा, करौली, भरतपुर, अलवर व जयपुर के बांधों को भरा जाएगा। इससे दो लाख हेक्टेयर क्षेत्र में नवीन सिंचाई क्षेत्र डवलप किया जाएगा।

केंद्र के मन में पाप: मालवीय

जल संसाधन मंत्री महेंद्रजीत सिंह मालवीय का कहना है कि राजस्थान में कांग्रेस की सरकार है, इसलिए केंद्र सरकार ईआरसीपी को नेशनल प्रोजेक्ट घोषित नहीं कर रही है। केंद्र सरकार 13 जिलों की जनता के साथ धोखा कर रही है। जब जलशक्ति मंत्री कहते हैं कि हमारी सरकार आते ही ईआरसीपी को मंजूर कर देंगे तो यह साबित होता है कि इनके मन में पाप है। जब उनकी सरकार आते ही ईआरसीपी मंजूर की बात करते हो तो यह कैसे संभव है।



यह है विवाद | प्रदेश के 13 जिलों जयपुर, दौसा, करौली, अलवर, भरतपुर, धौलपुर, झालावाड़, बारां, कोटा, बूंदी, सवाईमाधोपुर, अजमेर व टोंक में पेयजल व सिंचाई के लिए ईआरसीपी की 2017 में 37247.12 डीपीआर बनाई गई। यह डीपीआर नवंबर 2017 में केंद्रीय जल आयोग (नई दिल्ली) को भेजी गई। जल शक्ति मंत्रालय की दलील है कि ईआरसीपी की डीपीआर 50 फीसदी डिपेंडेबिलिटी पर बनाई है। जबकि मौजूदा मानदंडों और मध्यप्रदेश सरकार के सह-बेसिन राज्य होने के कारण यह डीपीआर स्वीकार्य नहीं है। इसको लेकर राज्य सरकार को अवगत करवा दिया है। नेशनल प्रोजेक्ट में शामिल करने के लिए तकनीकी-आर्थिक मूल्यांकन और बाद में निवेश स्वीकृति जरूरी है।

Rajasthan Patrika- 30- June-2023

राहत की खबर : मानवजनित प्रदूषण-कार्बन उत्सर्जन में कमी, ज्यादा बर्फ मिली कोरोना काल के लॉकडाउन ने हिमालय की 27 मीट्रिक टन बर्फ को पिघलने से बचाया

पत्रिका न्यूज नेटवर्क
patrika.com

नई दिल्ली. हिमालय क्षेत्र के तेजी से पिघलते ग्लेशियरों के बीच राहत की खबर आई है। एक शोध में हिमालय के पहाड़ों पर करीब 37% ज्यादा बर्फ पाई गई। पर्यावरणविद इसके लिए भारत में 2020 में कोरोना के दौरान लगे लॉकडाउन को मुख्य कारण मान रहे हैं। इस अवधि में मानवजनित प्रदूषण व कार्बन उत्सर्जन में कमी से 27 मीट्रिक टन बर्फ को पिघलने से बचा लिया गया।

शोध अमरीकी साइंस जर्नल

मुख्य जल स्रोत

हिमालय के पहाड़ों की बर्फ 20 फीसदी से ज्यादा वैश्विक आबादी के लिए मुख्य जलस्रोत है। हालांकि जलवायु परिवर्तन के कारण इस क्षेत्र में हाल के दशक में बर्फ कहीं ज्यादा तेजी से पिघल रही है। जलवायु परिवर्तन ग्लेशियरों के लिए बड़ा खतरा है।

पीएनएस में प्रकाशित हुआ है। शोध टीम के सदस्य लिक्वियांग (चीन) और सहयोगियों ने पता लगाया कि लॉकडाउन में

पहले के मुकाबले पिघलने में तेजी

हाल ही एक अन्य शोध में बताया गया था कि हिमालय के ग्लेशियर पहले के मुकाबले 10 गुना ज्यादा तेजी से पिघल रहे हैं। इससे भारत समेत एशिया के कई देशों में जल संकट गहरा सकता है।

मानवजनित प्रदूषण में कमी से बर्फ पर विकिरण में 71.6% की कमी आई। इस कमी से ही 27 मीट्रिक टन बर्फ को पिघलने से रोका जा सका।