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भा.प्र.से.

प्रधान सचिव

लघु जल संसाधन विभाग, बिहार, पटना

सह

मुख्य कार्यपालक पदाधिकारी
बिहार, भू-जल विकास मिशन



बिहार सरकार

K.K. Pathak

I.A.S.

Principal Secretary

Minor Water Resources Department

Bihar, Patna

-Cum-

CEO

BIHAR BHUJAL VIKAS MISSION

Ref. No. 370/Ps.Sec (Cell)

Patna / Date 19/9/19

Subject:- Regarding the Ground Water Level in your District.

As you are aware, the ground water in the State is going down by each passing day. To promote water conservation, Minor Water Resources Department have been monitoring the water table in the State.

The MWRD has installed 556 Piezometers across the State in each block. Each Piezometer measures ground water table through a data logger and a sensor. This Piezometer transmits the data to the Head Quarter server of the Department. These locations relay the block level data on a real time basis. The entire system is called "Telemetry System". This system was installed in the year 2016. Since then, it is relaying the data to us through its central server.

Thus, *we now have the benefit of the analysis for the Ground Water behaviour for a period of more than 2 years.* We have analyzed the data of your district since 2017 and made an attempted to study the behaviour of the ground water level in your district.

This Data is collected by "BIHAR BHU JAL VIKAS MISSION" and analysed and shared with all stakeholders including the Collectors.

I am enclosing the data of the last 2 years of your district. The analysis includes both "Pre Monsoon" period (March-June) and "Post Monsoon" (October-February) period. You will be able to see how the Ground Water level in your district has behaved in the last 2 years. It is also interesting to note how the monsoons have replenished the Ground Water in your district. Therefore, needless to say, you must take up more water conservation schemes and revive more ponds/Ahar/Pine and similar structures.

In this connection, you may note that the State Government has launched *Jal-Jiwan-Hariyali Abhiyan*. This Department has been tasked to take up as many ponds for revival and rejuvenation. You are requested to identify all such important ponds (of area greater than 1 acre) and send a list to us so that we can take up these schemes.

Yours Sincerely

Sd./-

(K.K. Pathak)

To,

Shri Subrat Kumar Sen, I.A.S.

District Magistrate -cum-Collector, Saran (Chapra), Bihar

Off. Add. : Minor Water Resources Department, New Secretariat, Patna - 800 015

Ph.: 0612 - 2215165, 2233233, Fax No. : 0612-2215184

E-mail : secmnir-bih@nic.in

Memo No. 370/Pg.Sec (Cell)

Patna, Date. 19/9/19

Copy to:-

1. Advisor to Hon'ble CM, Patna, Bihar
2. Secretary, Urban Development and Housing Department, Bihar, Patna
3. Secretary, PHED
4. Secretary, Rural Development Department
5. Regional Director, Central Ground Water Board, Patna
6. Director, Soil Conservation, Patna
7. Director (SF)-Cum-Commissioner, MGNREGA
8. CEO, JEEVIKA, Bihar
9. All Engineers, MWRD (CE,SE,EE)

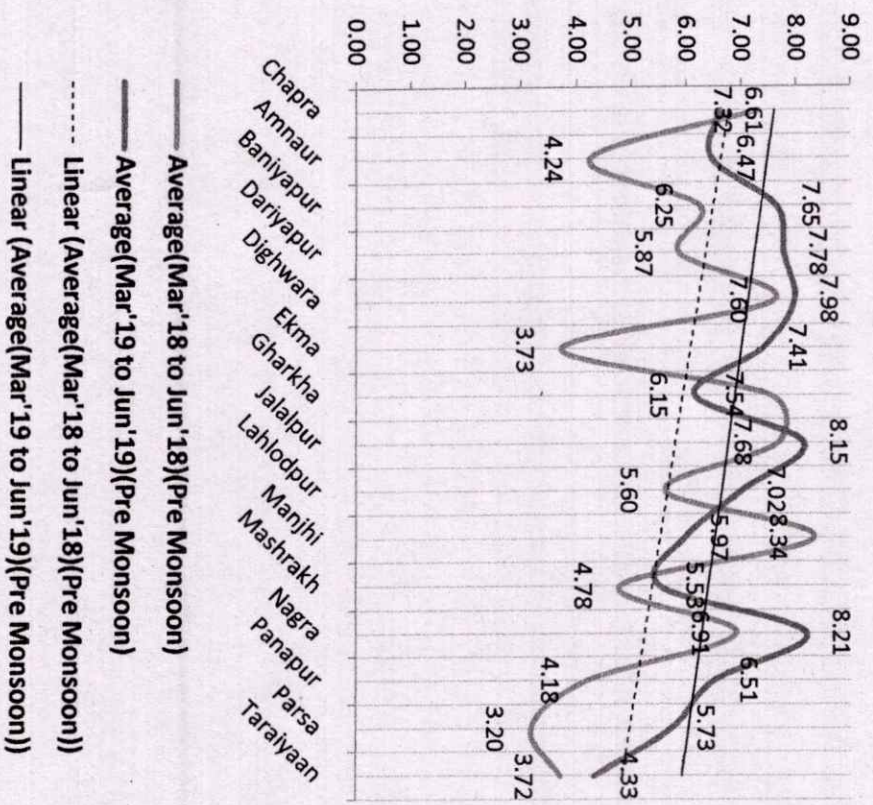

(K.K. Pathak)

BIHAR BHU JAL VIKAS MISSION

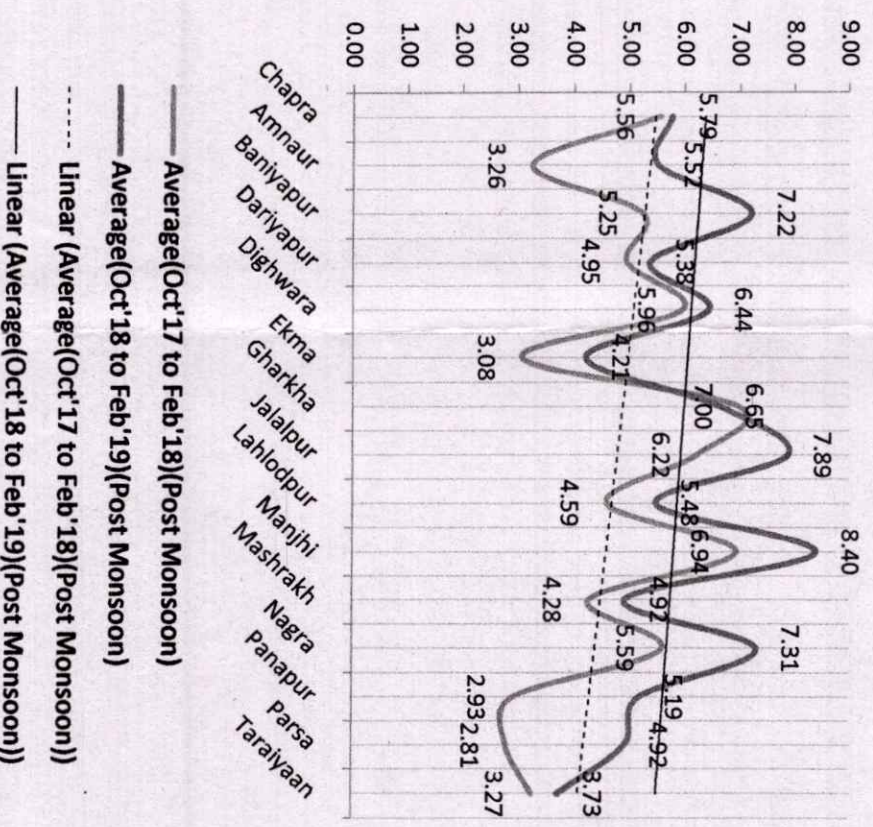
Minor Water Resources Department

Ground Water Level of Chapra District through Telemetry system Post Monsoon(2017-19)

Chapra District Ground Water Level(2017-19)(Pre Monsoon)



Chapra District Ground Water Level(2017-19)(Post Monsoon)



— Average(Mar'18 to Jun'18)(Pre Monsoon)
 — Average(Mar'19 to Jun'19)(Pre Monsoon)
 - - - Linear (Average(Mar'18 to Jun'18)(Pre Monsoon))
 - - - Linear (Average(Mar'19 to Jun'19)(Pre Monsoon))

— Average(Oct'17 to Feb'18)(Post Monsoon)
 — Average(Oct'18 to Feb'19)(Post Monsoon)
 - - - Linear (Average(Oct'17 to Feb'18)(Post Monsoon))
 - - - Linear (Average(Oct'18 to Feb'19)(Post Monsoon))