

# Key Iraq irrigation reservoir close to drying out

May 20 2022

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An Iraqi rides a donkey across the dried out lake bed that is all that is left of Lake Hamrin, in normal years a key irrigation reservoir.

Iraq's Lake Hamrin, a once-vast reservoir northeast of Baghdad that is the sole source of water for irrigation across Diyala province, has nearly

dried out, a senior official said Friday.

Successive years of low rainfall and a sharp reduction in the flow of water down the Sirwan River from neighbouring Iran have reduced much of the lake to a dust bowl, the official told AFP.

"There has been a sharp reduction in the water level—reserves currently stand at 130 million cubic metres against two billion cubic metres normally," said Aoun Dhiab, a senior adviser in the water ministry.

Dhiab said a number of factors were to blame including the prolonged drought and Iranian dam construction and river diversion projects upstream.

Dhiab said it was not the first time water levels had fallen so low. "In 2009, the lake dried out completely. There was just a stream."

He said the impact on surrounding farmland should not be underestimated.

"There are no other sources of water in the province—the volume arriving in Lake Hamrin is the volume used in the province."

He said the government had asked Iran to increase the flow of water across the border. Otherwise all that could be done was to pray for higher rainfall next year.



Iraqi children play on a boat grounded by the shrinking of Lake Hamrin -- the reservoir once provided fish for the dinner table as well as water for irrigation.





Motorists no longer need the asphalted road that used to bridge Lake Hamrin, they can simply drive across the dried out lakebed.

The problem is not exclusive to Diyala province. The World Bank predicts that without major changes, Iraq will have lost 20 percent of its water resources by 2050.

The country is classified as one of five most vulnerable to climate change effects and desertification. Water shortages have led this year to reduced quotas for rice and wheat farmers.

Iraq's upstream neighbours Iran, Turkey and Syria experience similar shortfalls, meaning that its appeals for help generally fall unheeded.

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Citation: Key Iraq irrigation reservoir close to drying out (2022, May 20) retrieved 9 April 2024 from <https://phys.org/news/2022-05-key-iraq-irrigation-reservoir.html>

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