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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q14

The groundwater potential of the gangetic valley is on a serious decline. How may it affect the food security of India?

UPSC Civil Services Mains 2024 · GS I · 15 marks · World's Physical Geography

Salient features of world's physical geography.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/gs-1/2024/the-groundwater-potential-of-the-gangetic-valley-is-on-a-serious-decline-how-may-it-affect-the-food-security-of-india/>

CGWB assessment

The Central Ground Water Board classifies units as over-exploited, critical, semi-critical or safe; large parts of Punjab, Haryana and western Uttar Pradesh fall in the stressed classes.

Green Revolution irrigation

HYV wheat and rice in the north-west were built on canal plus, increasingly, groundwater tubewells.

Arsenic in the lower Ganga

Parts of Bihar and West Bengal have geogenic arsenic in groundwater, a quality crisis alongside quantity stress elsewhere.

Atal Bhujal Yojana

A Union scheme for community-led groundwater management in notified water-stressed areas, including parts of the north-west.

MSP-PDS cereal axis

Public food security still rests heavily on wheat and rice procurement from the irrigated north-west.

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