

WRAP Exams · wrapexams.com

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

ask@wrapexams.com · +91 85951 84903 · wrapexams.com

Q8

Explain the mechanism and occurrence of cloudburst in the context of the Indian subcontinent. Discuss two recent examples.

UPSC Civil Services Mains 2022 · GS III · 10 marks · Indian Economy

Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.

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-3/2022/explain-the-mechanism-and-occurrence-of-cloudburst-in-the-context-of-the-indian-subcontinent-discuss-two-recent-examples/>

Cloudburst (working sense)

Very high rainfall intensity over a few square kilometres in a short time; often cited near 100 mm per hour.

Kedarnath 2013

June 2013 extreme rain and debris flood in the Mandakini valley, Uttarakhand; major pilgrimage disaster.

Leh 2010

Cloudburst and flash flood on 6 August 2010 in the Ladakh rain shadow.

Amarnath 2022

8 July 2022 cloudburst-related flash flood on the Amarnath yatra route.

Orographic lift

Forced ascent of moist air against a mountain, the main Himalayan trigger for such cells.

WRAP Exams · Write. Read. Analyse. Practice. · <https://wrapexams.com/upsc/mains-answers/gs-3/2022/explain-the-mechanism-and-occurrence-of-cloudburst-in-the-context-of-the-indian-subcontinent-discuss-two-recent-examples/> · ask@wrapexams.com · wrapexams.com