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Q29

In the northern hemisphere, the longest day of the year normally occurs in the: (a) First half of the month of June (b) Second half of the month of June (c) First half of the month of July (d) Second half of the month of July Official key: B.

UPSC Civil Services Prelims 2022 · General Studies · 2 marks · Geography

Physical, Indian and world geography - Prelims GS Paper I.

Explanation

(a)

First half of June. Solstice is around 21 June.

(b) Official key

Second half of June. Northern **summer solstice** ~21 June - longest day.

(c)

First half of July. After the solstice, days are already shortening.

(d)

Second half of July. Further past the peak.

Summary

Official key is (b) second half of June. In the northern hemisphere the longest day is the June solstice, about 21 June, which falls in the second half of the month.

Related possible facts

These can be asked in a future Prelims paper.

Summer solstice

Sun overhead at Tropic of Cancer; ~21 June.

Winter solstice

~22 December; shortest northern day.