



Diploma Programme
Programme du diplôme
Programa del Diploma

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Geography
Higher level and standard level
Paper 1 – resource booklet

Wednesday 12 May 2021 (afternoon)

Instructions to candidates

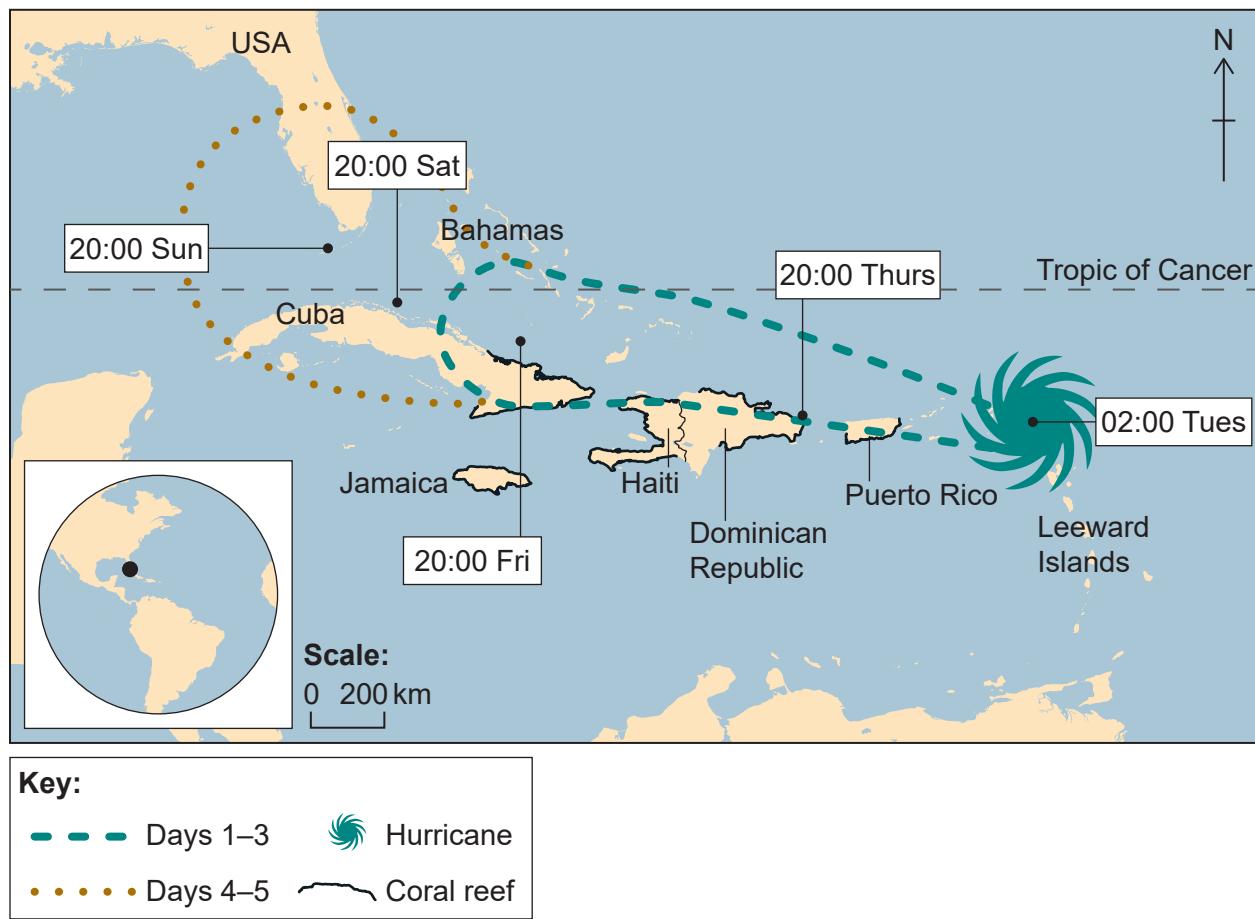
- Do not open this booklet until instructed to do so.
- This booklet accompanies paper 1.

7 pages

2221–5203
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Option B — Oceans and coastal margins

3. The diagram shows the predicted path of Hurricane Irma in August and September 2017.



Option C — Extreme environments

5. The map shows the location of hot, arid deserts in Australia.

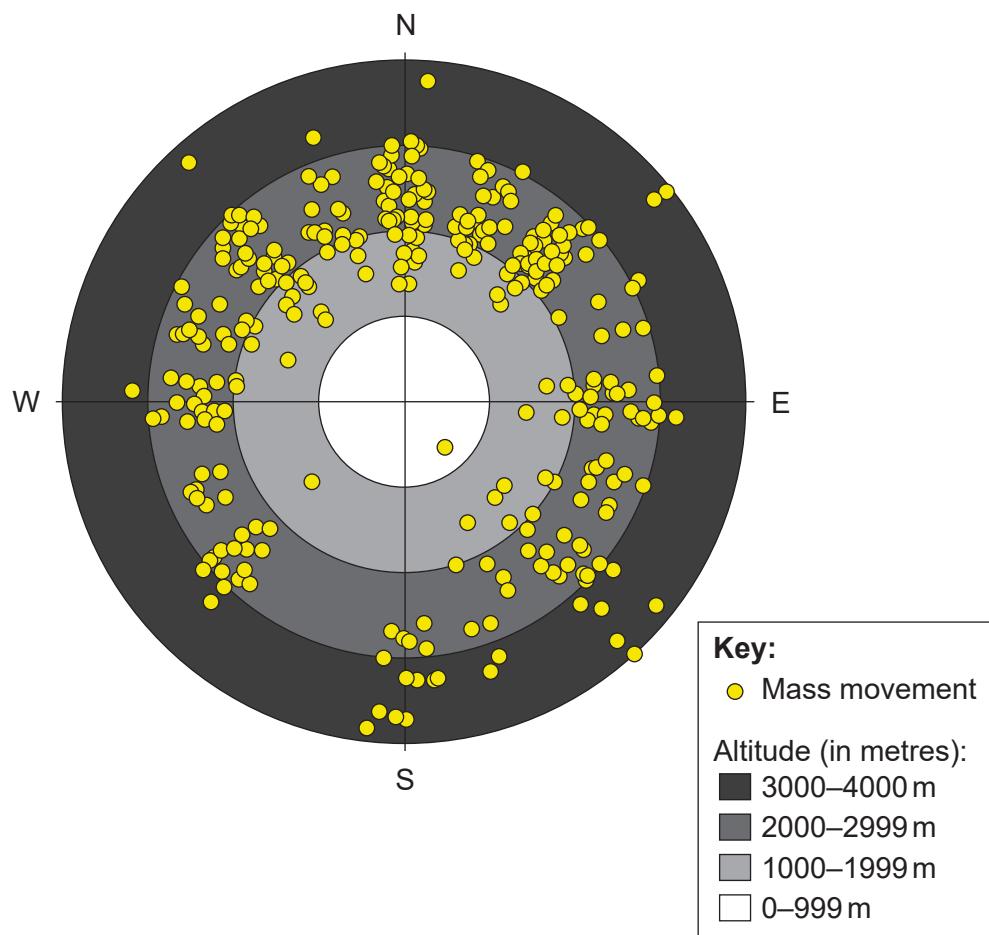


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Option D — Geophysical hazards

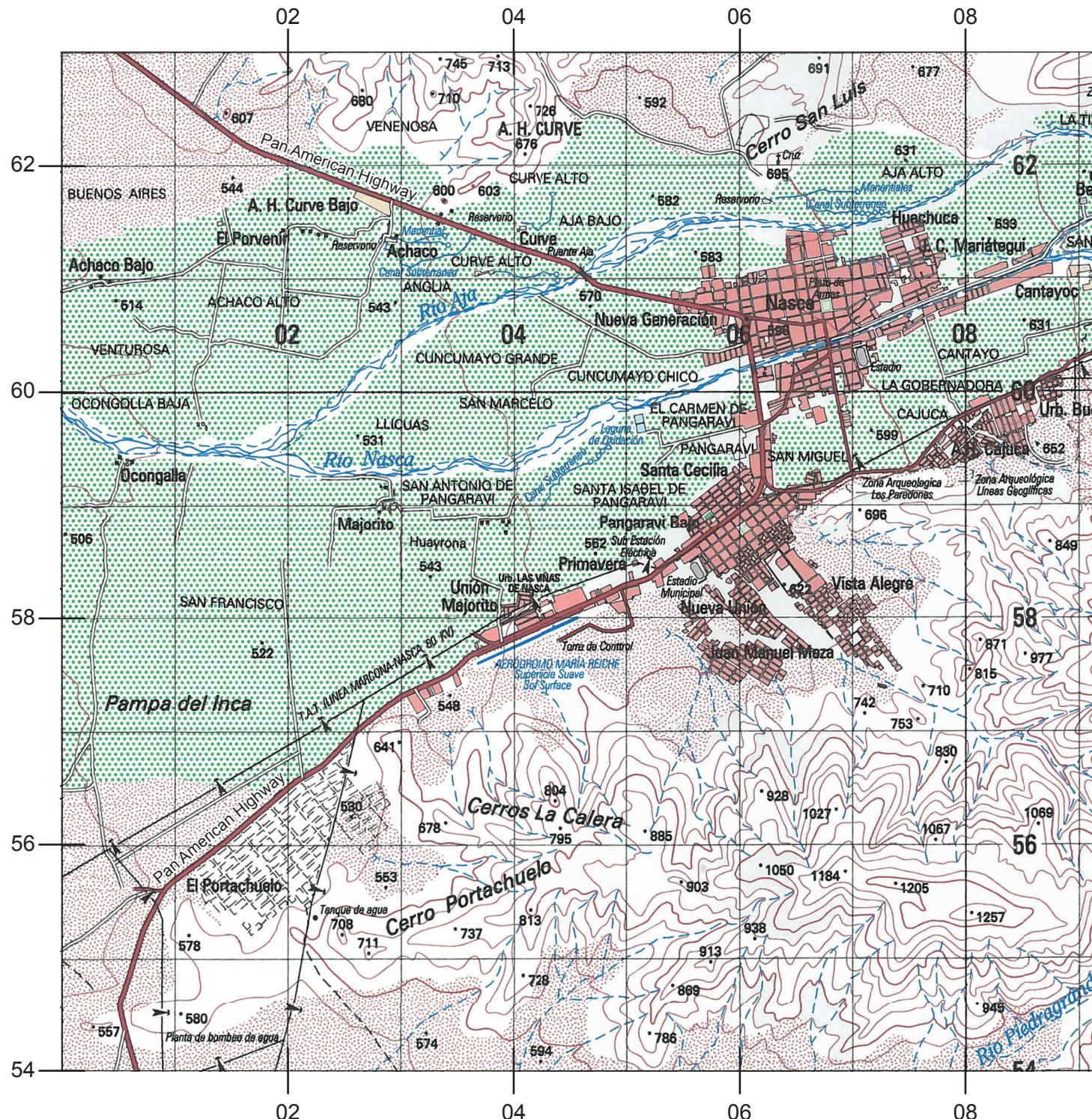
7. The diagram shows mass movement on slopes in the Swiss Alps between 1995 and 2016. Each dot represents one mass movement.

The varying altitudes of the mass movement and the direction each slope faces are shown.



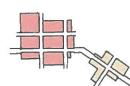
Option F — Food and health

11. The map shows part of the Nazca Valley in Peru, a middle-income country. The scale of the map is 1:50 000 and the contour interval is 50 metres.



Key: NASCA, PERÚ

Prepared and published by the Instituto Geográfico Nacional (IGN), Lima, Peru



Populated places
Densely built-up areas

Roads

All weather, hard surface:

Divides highway

Two or more lanes wide

One lane wide

Miscellaneous relief

Spot elevation:

• 2235

Highest

• 503

Normal



Sand, dune

Miscellaneous

Building

Church

School

Powerline

**Airfield runway**

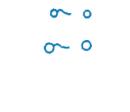
More than 800m long

**Streams**

Less than 18m wide

18m to 25m wide

Over 25m wide

**Spring, well**

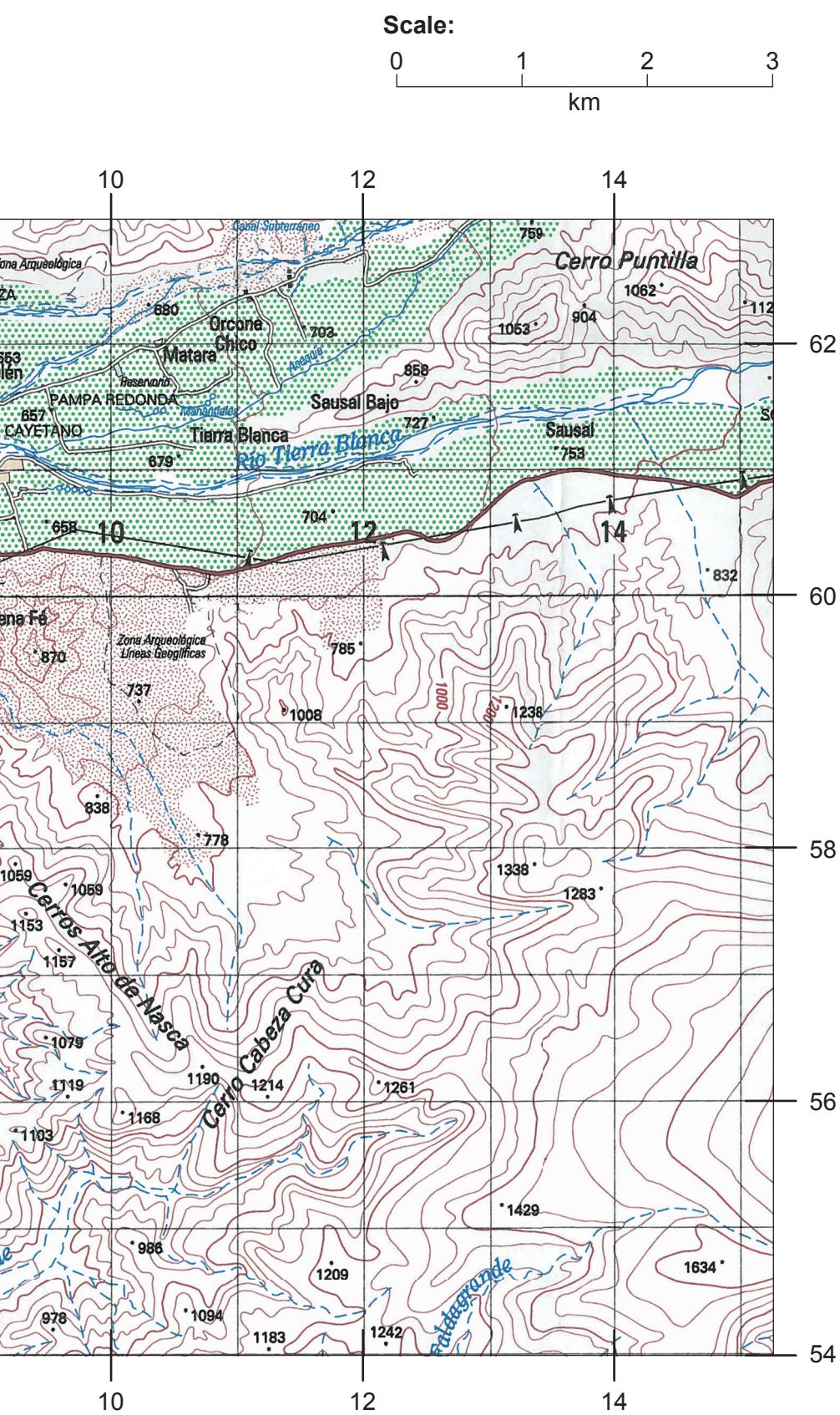
Perennial,
Intermittent

**Lakes**

Intermittent
Dry

**Vegetation**

Cultivated land



References:

- Option B** From BBC News at bbc.co.uk/news. Data from National Hurricane Center.
- Option C** 2013. Deserts in Australia. [online] Available at: https://commons.wikimedia.org/wiki/File:Deserts_in_Australia_en.png CC BY-SA 3.0 <https://creativecommons.org/licenses/by-sa/3.0/> [accessed 17 April 2019]. Source adapted.
- Option D** Kenneth Davis, geovisualist.com, data from WSL Institute for Snow and Avalanche Research SLF.
- Option F** Instituto Geográfico Nacional (IGN), 2013. Lima, Peru. *Nasca, Peru*, Series J731, Sheet 1941 3 (30 n 3), 1:50000. Lima: IGN. Source adapted.