



General Certificate of Secondary Education  
Higher Tier  
June 2015

# Geography (Specification A)

**90301H**

Unit 1 Physical Geography

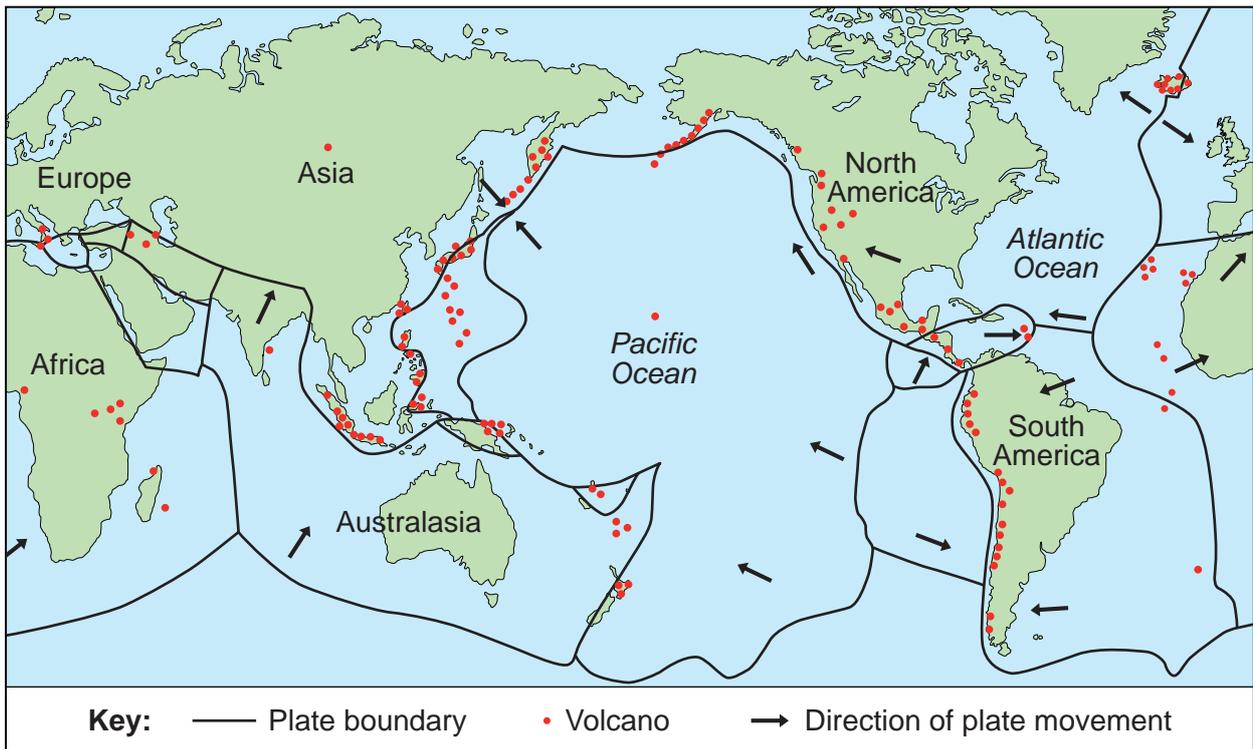
## Insert

The key for Figure 13 (1:25 000 OS map extract) is on page 11.

A The key for Figure 18 and Figure 23 (1:50 000 OS map extracts) is on page 12.

Detach perforated pages 11 and 12 and use when referring to the OS map extracts.

Figure 1



Source: Understanding GCSE Geography, Bowen & Pallister, Pearson Education Ltd

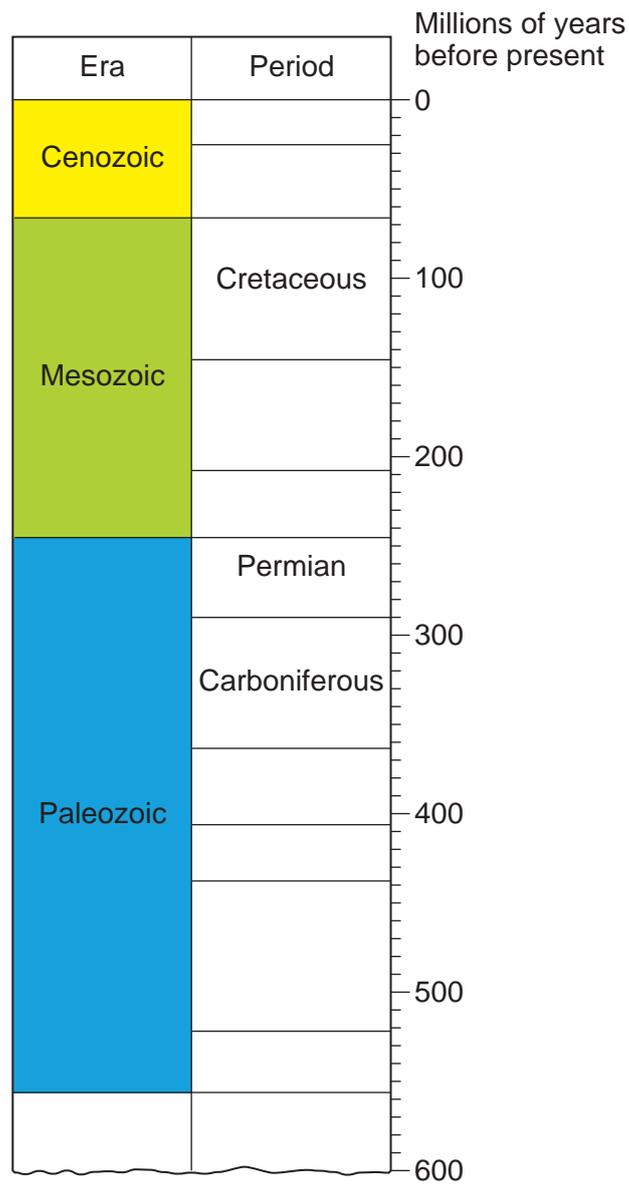
Figure 2



Figure 3



Figure 4



Turn over ►

Figure 7

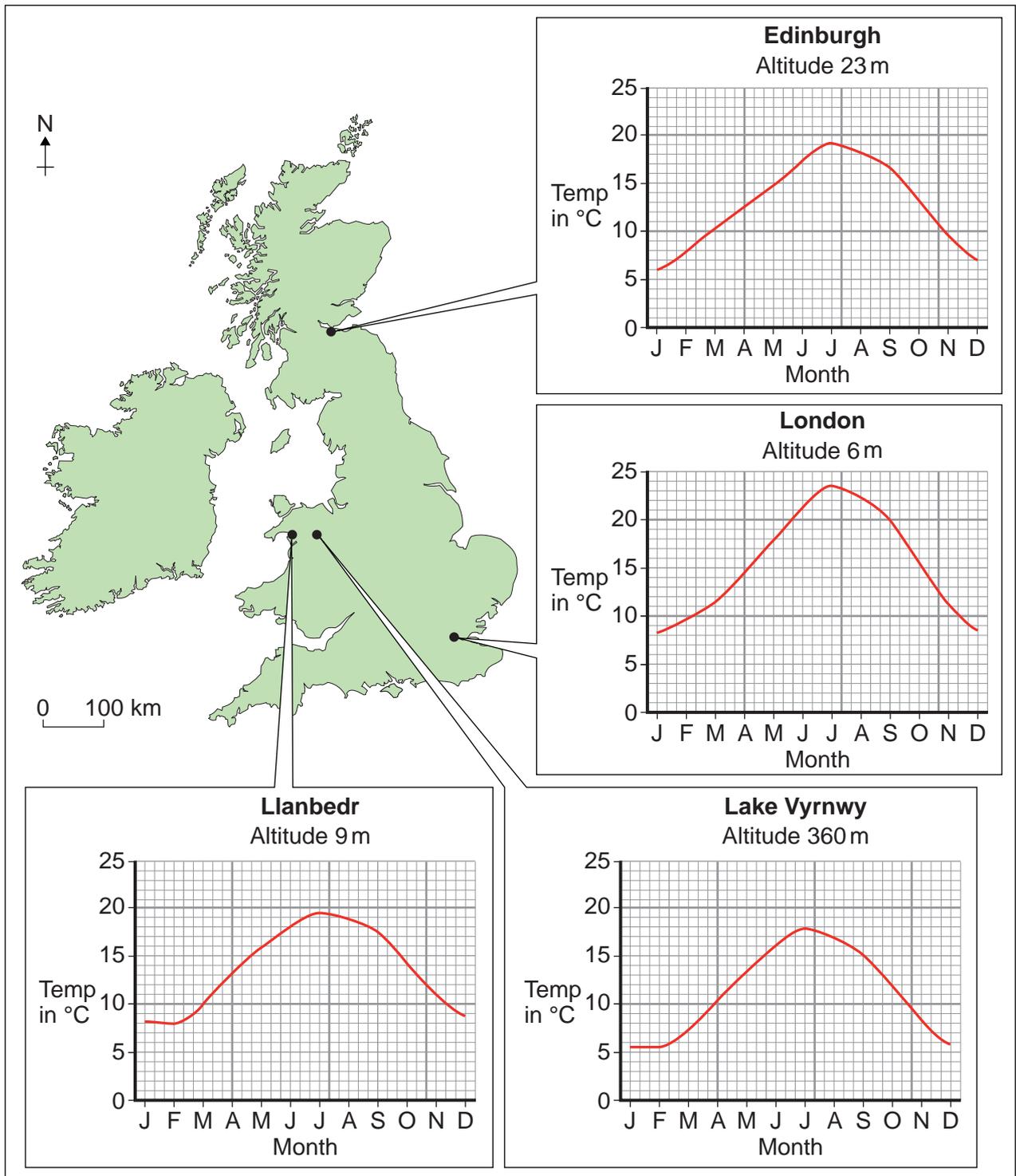


Figure 9a



Figure 9b



Turn over ►

Figure 10

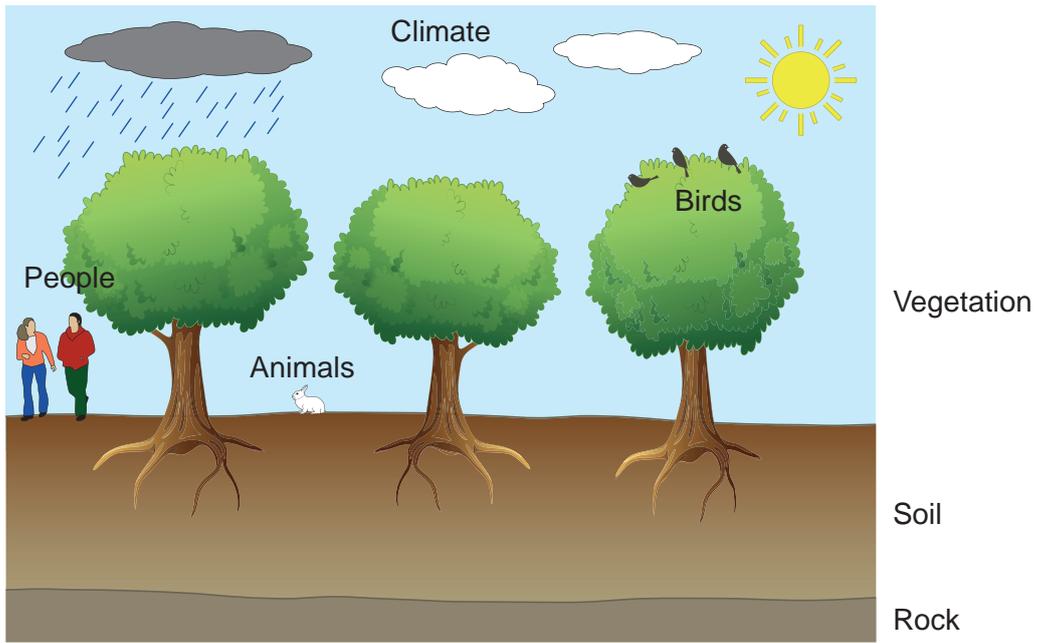
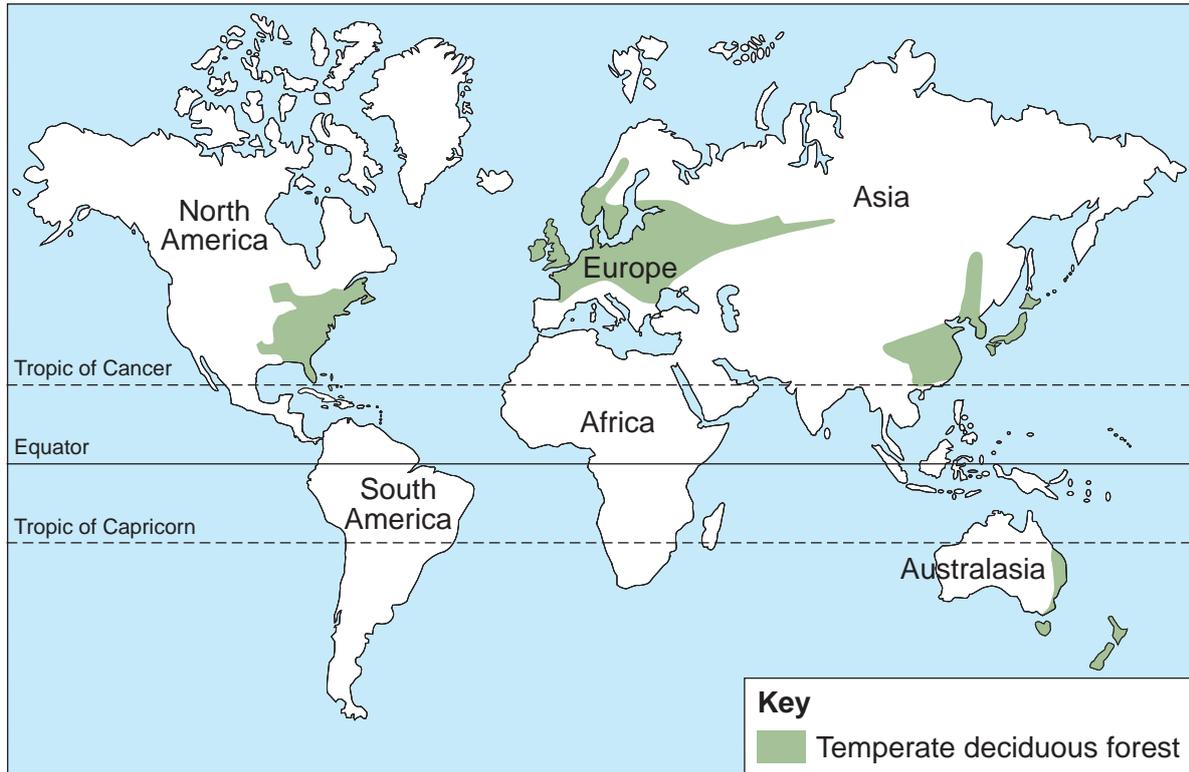


Figure 11



Source: Understanding GCSE Geography, Bowen & Pallister, Pearson Education Ltd

**Figure 12**



1:25 000 OS map extract key for Figure 13

<b>ROADS AND PATHS</b> <i>Not necessarily rights of way</i>		<b>GENERAL FEATURES</b>	
Motorway Service Area Junction Number A 35 Dual carriageway A 30 Main road B 3074 Secondary road Narrow road with passing places Road under construction Road generally more than 4 m wide Road generally less than 4 m wide Other road, drive or track, fenced and unfenced Gradient: steeper than 20% (1 in 5) 14% (1 in 7) to 20% (1 in 5) (V) Vehicle; (P) Passenger Path	Gravel pit Sand pit Other pit or quarry Landfill site or slag heap Slopes Place of worship Current or former place of worship - with tower - with spire, minaret or dome Building: important building Glasshouse Youth hostel Bunkhouse / camping barn / other hostel Bus or coach station Lighthouse; disused lighthouse; Beacon Triangulation pillar Mast Windmill; with or without sails Wind pump; wind turbine Electricity transmission line BP Boundary post BS Boundary stone CH Clubhouse FB Footbridge MP; MS Milepost; milestone Mon Monument PO Post office Pol Sta Police station Sch School TH Town Hall NTL Normal tidal limit Well; spring		
<b>RAILWAYS</b>		<b>HEIGHTS AND NATURAL FEATURES</b>	
Multiple track } Standard gauge Single track } Standard gauge Narrow gauge or Light Rapid Transit System (LRTS) and station Road over; road under; level crossing Cutting; tunnel; embankment Station, open to passengers; siding		52 Ground survey height 234 Air survey height <p>Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill</p> Vertical face/cliff Boulders Loose rock Outcrop Scree Water; mud Sand; sand and shingle	
<b>PUBLIC RIGHTS OF WAY</b> <i>Not shown on maps of Scotland</i>		<b>VEGETATION</b>	
Footpath Bridleway Byway open to all traffic Restricted byway <p>The representation on this map of any other road, track or path is no evidence of the existence of a right of way</p>		<p>Vegetation limits are defined by positioning of symbols</p> Coniferous trees Non-coniferous trees Coppice Orchard Scrub Bracken, heath or rough grassland Marsh, reeds or saltings	
<b>OTHER PUBLIC ACCESS</b>		<b>ACCESS LAND (England &amp; Wales)</b>	
Other routes with public access National Trail / Long Distance Route; Recreational route Permitted footpath } See note below Permitted bridleway } See note below <p>Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn.</p> Traffic-free cycle route National cycle network route number - traffic free National cycle network route number - on road		Access land boundary and tint Access land in wooded area Access information point Access permitted within managed controls, for example, local byelaws	
<b>BOUNDARIES</b>		<b>ACCESS LAND (Scotland)</b>	
National County (England) Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District (Scotland & Wales are solely Unitary Authorities) Civil Parish (CP) (England) or Community (C) (Wales) National Park		Land open to the public by permission of the owners. The agreement may be withdrawn. National Trust for Scotland Property; always open National Trust for Scotland Property; limited access - observe local signs Forestry Commission Land Woodland Trust Land	
<b>HISTORICAL FEATURES</b>		<p>Portrayal of access land on this map is intended as a guide to land which is normally available for access on foot, for example access land created under the Countryside and Rights of Way Act 2000, and land managed by the National Trust, Forestry Commission and Woodland Trust.</p> <p>Access for other activities may also exist. Some restrictions will apply: some land will be excluded from open access rights.</p> <p>The depiction of rights of access does not imply or express any warranty as to its accuracy or completeness. Observe local signs and follow the Countryside Code.</p>	
Site of antiquity Site of battle (with date) VILLA Roman Non-Roman Visible earthwork		Firing and test ranges in the area. Danger! Observe warning notices	
<b>TOURIST AND LEISURE INFORMATION</b>		<b>OTHER ACCESS</b>	
Building of historic interest Cadw (Welsh heritage) Camp site Caravan site Camping and caravan site Castle / fort Cathedral / Abbey Country park Cycle trail English Heritage property Fishing Forestry Commission visitor centre Garden / arboretum Golf course or links Information centre Information centre, seasonal Horse riding Museum Nature reserve National Trust property Other tourist feature Parking Park and ride, all year / seasonal Picnic site Preserved railway Public Convenience Public house/s Recreation / leisure / sports centre Slipway Telephone (public / motoring organisation / emergency) Theme / pleasure park Viewpoint Visitor centre Walks / trails Water activities World Heritage site or area			

1:50 000 OS map extract key for Figure 18 and Figure 23

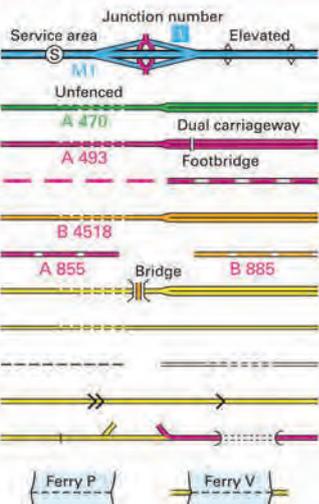
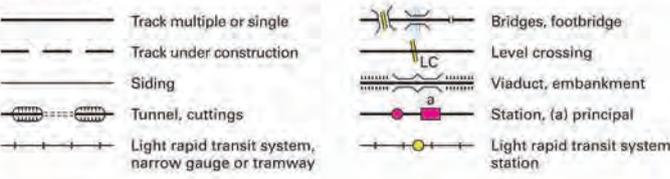
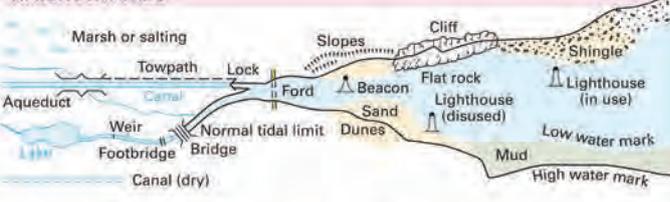
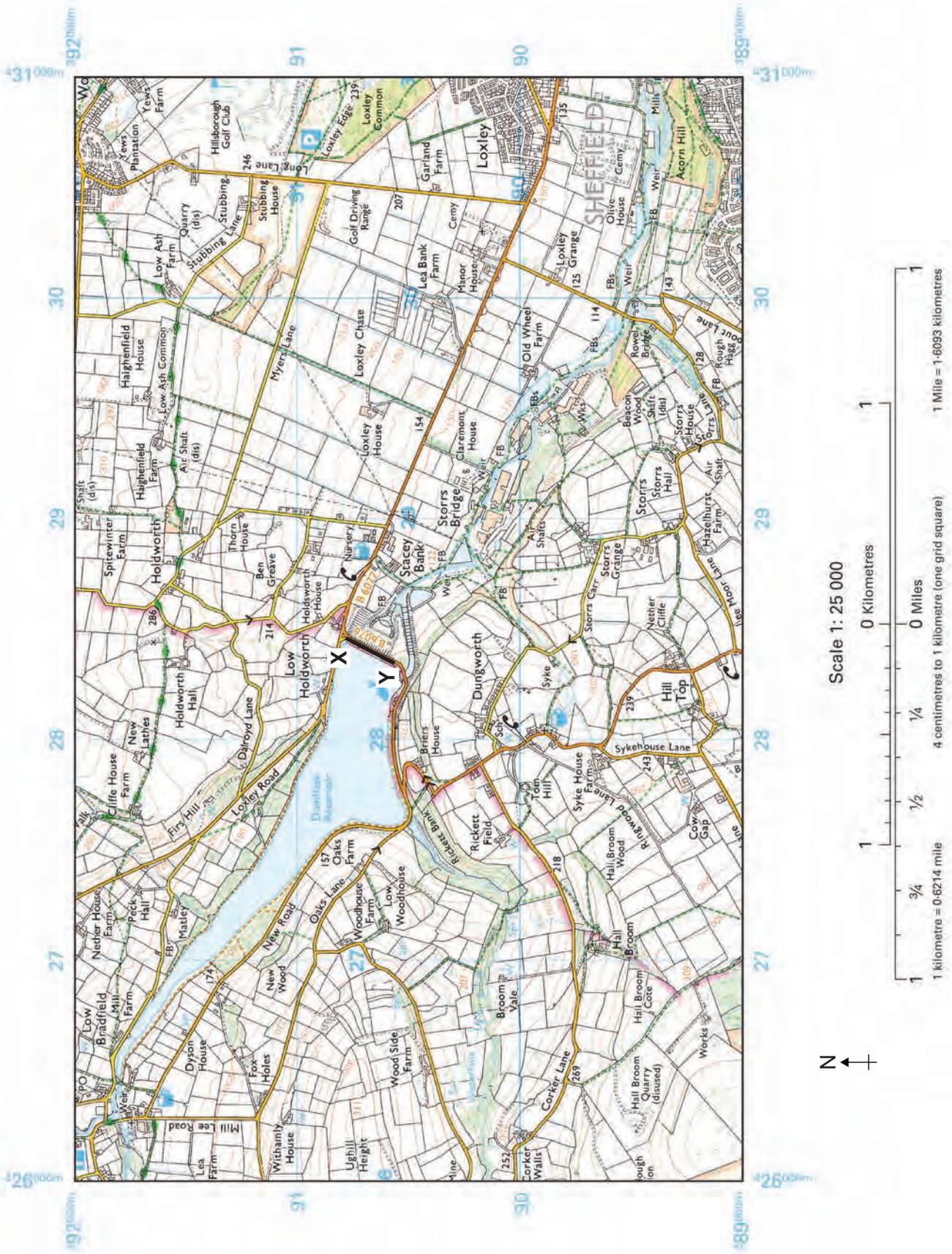
<b>ROADS AND PATHS</b> 		<b>Not necessarily rights of way</b> <ul style="list-style-type: none"> <li>Motorway (dual carriageway)</li> <li>Primary Route (recommended through route)</li> <li>Main road</li> <li>Road under construction</li> <li>Secondary road</li> <li>Narrow road with passing places</li> <li>Road generally more than 4m wide</li> <li>Road generally less than 4m wide</li> <li>Path / Other road, drive or track</li> <li>Gradient: steeper than 20% (1 in 5), 14% to 20% (1 in 7 to 1 in 5)</li> <li>Gates, Road tunnel</li> <li>Ferry (passenger), Ferry (vehicle)</li> </ul>		<b>TOURIST INFORMATION</b> 																											
<b>RAILWAYS</b> 		<b>LAND FEATURES</b> 																													
<b>WATER FEATURES</b> 		<b>ROCK FEATURES</b> 																													
<b>HEIGHTS</b> <p>1 metre = 3-2808 feet</p> <p>Contours are at 10 metres vertical interval</p> <p>Heights are to the nearest metre above mean sea level</p> <p>Where two heights are shown the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill</p>		<b>OTHER PUBLIC ACCESS</b> <ul style="list-style-type: none"> <li>Other route with public access (not normally shown in urban areas). Alignments are based on the best information available. These routes are not shown on maps of Scotland.</li> <li>On-road cycle route</li> <li>Traffic-free cycle route</li> <li>National Cycle Network number</li> <li>Regional Cycle Network number</li> <li>National Trail, European Long Distance Path, Long Distance Route, selected Recreational Routes</li> </ul>																													
<b>PUBLIC RIGHTS OF WAY</b> <ul style="list-style-type: none"> <li>Footpath</li> <li>Bridleway</li> <li>Restricted byway</li> <li>Byway open to all traffic</li> </ul> <p>The symbols show the defined route so far as the scale of mapping will allow.</p> <p>The representation on this map of any other road, track or path is no evidence of the existence of a right of way. Not shown on maps of Scotland</p>		<b>BOUNDARIES</b> <ul style="list-style-type: none"> <li>National</li> <li>District</li> <li>County, Unitary Authority, Metropolitan District or London Borough</li> <li>National Park</li> </ul>																													
<b>Danger Area</b> <p>Firing and Test Ranges in the area. Danger! Observe warning notices.</p>		<b>ABBREVIATIONS</b> <table border="0"> <tr> <td>Br</td><td>Bridge</td> <td>MS</td><td>Milestone</td> </tr> <tr> <td>Cemy</td><td>Cemetery</td> <td>Mus</td><td>Museum</td> </tr> <tr> <td>CG</td><td>Cattle grid</td> <td>P</td><td>Post office</td> </tr> <tr> <td>CH</td><td>Clubhouse</td> <td>PC</td><td>Public convenience (in rural areas)</td> </tr> <tr> <td>Fm</td><td>Farm</td> <td>PH</td><td>Public house</td> </tr> <tr> <td>Ho</td><td>House</td> <td>Sch</td><td>School</td> </tr> <tr> <td>MP</td><td>Milepost</td> <td>TH</td><td>Town Hall, Guildhall or equivalent</td> </tr> </table>		Br	Bridge	MS	Milestone	Cemy	Cemetery	Mus	Museum	CG	Cattle grid	P	Post office	CH	Clubhouse	PC	Public convenience (in rural areas)	Fm	Farm	PH	Public house	Ho	House	Sch	School	MP	Milepost	TH	Town Hall, Guildhall or equivalent
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Fm	Farm	PH	Public house																												
Ho	House	Sch	School																												
MP	Milepost	TH	Town Hall, Guildhall or equivalent																												

Figure 13



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Figure 14a

Rainfall, 2012

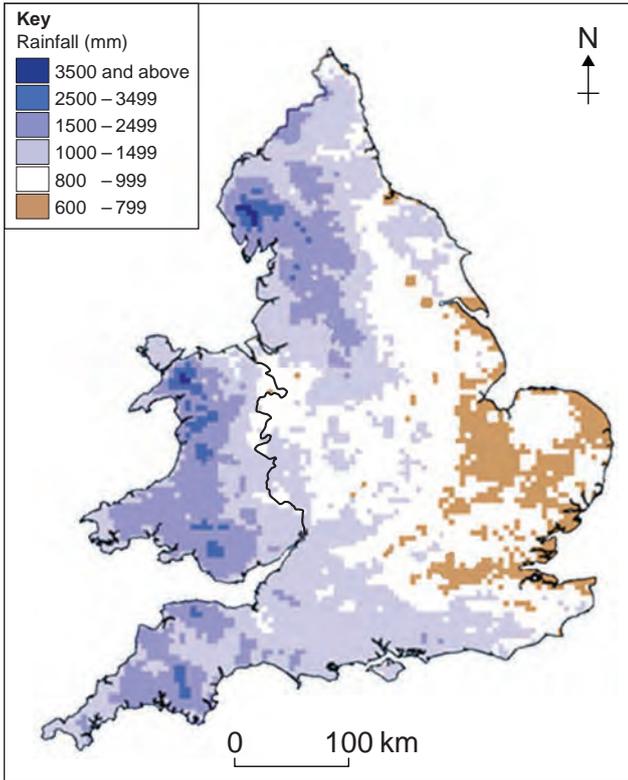


Figure 14b

Population density, 2011

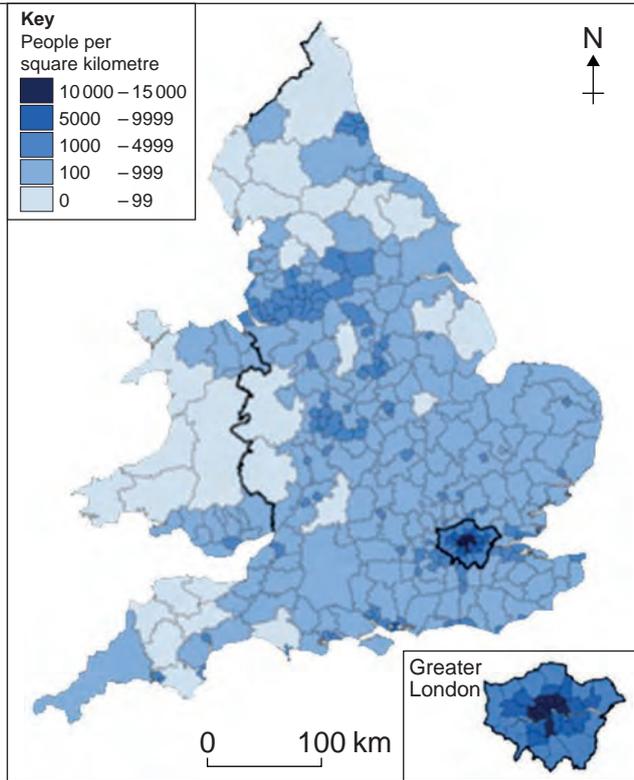


Figure 15



Figure 17a

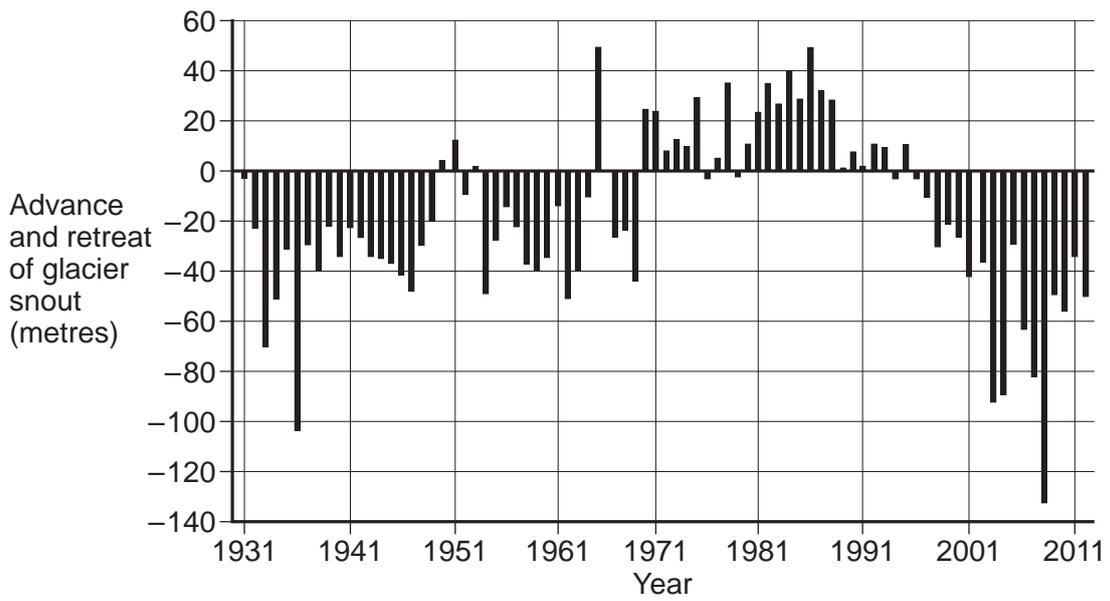


Figure 17b

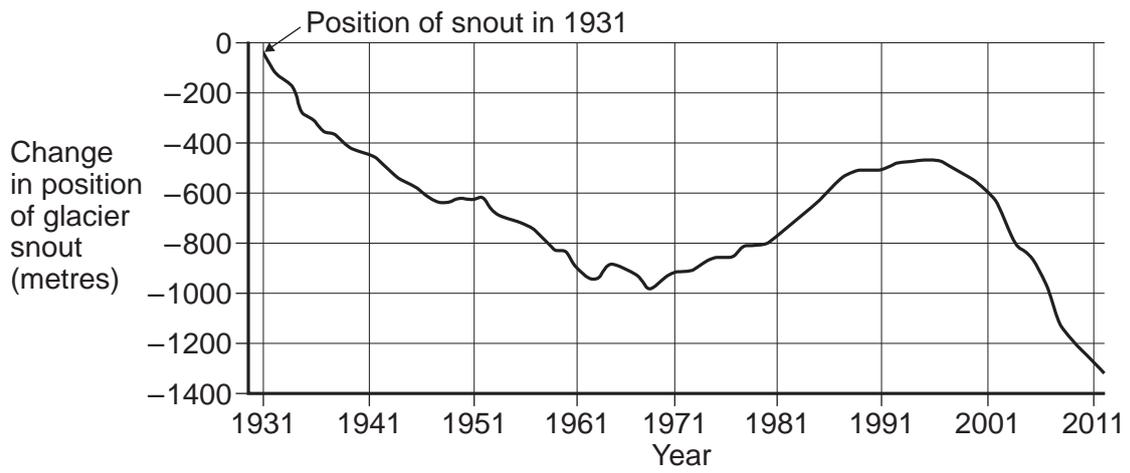
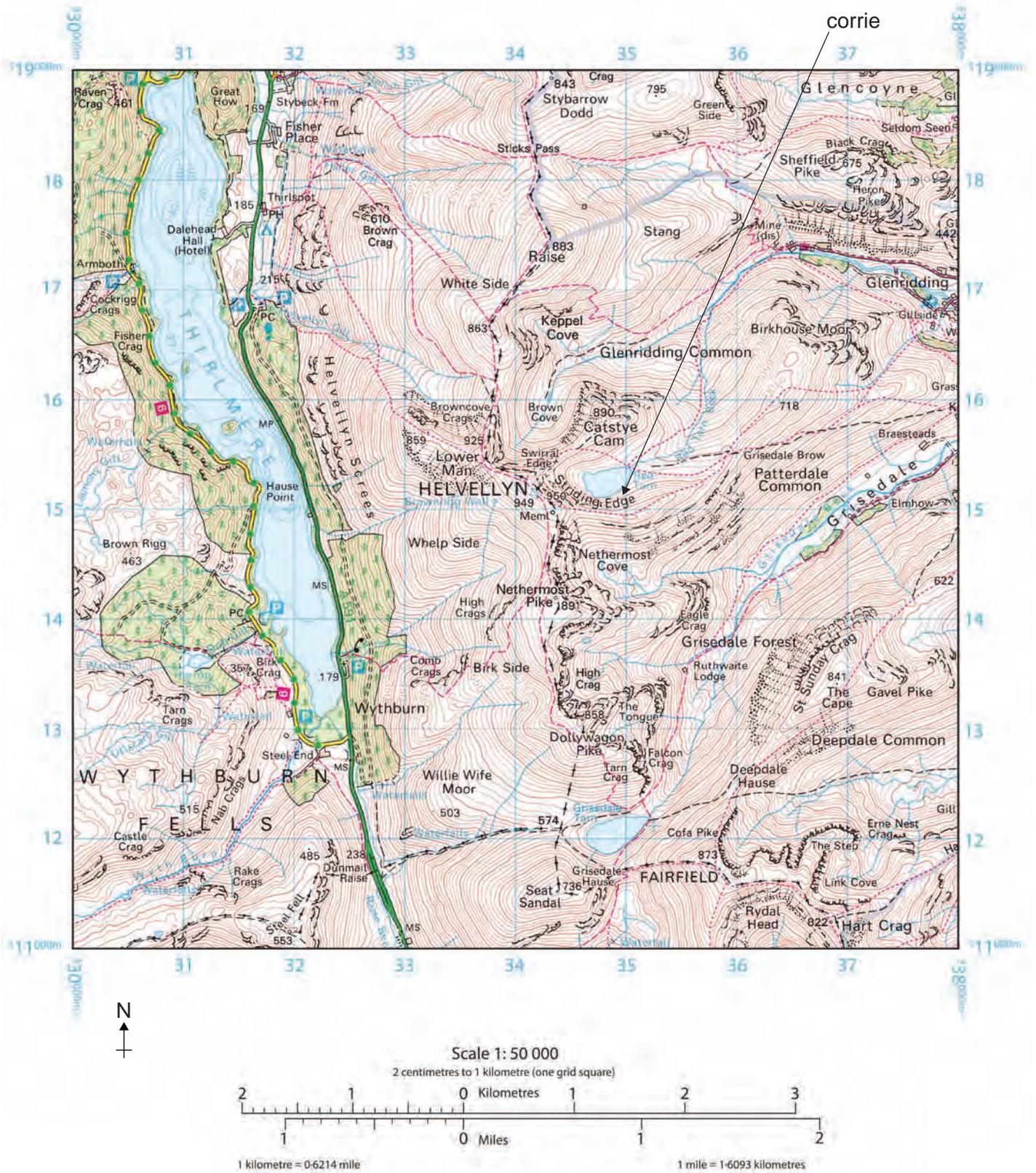


Figure 18



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Figure 21



Figure 23



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