

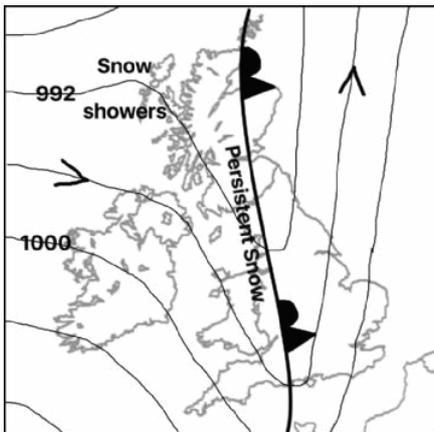
Peak District and Yorkshire Dales

The Peak district and Yorkshire Dales National Parks and the area immediately between them.



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General Summary for Tuesday, 13 February, 2018



British Mountain Summary: Based on forecast chart for noon 13 February, 2018

An active slow-moving occlusion will edge east and bring persistent snow to all areas. Upland gales ahead of, and directly behind, the front with severe wind chill; but easing later from west. The snow will tend to clear eastern mountains during the afternoon. Clearer conditions will follow from the west; but with a few snow showers in the northwest.

Headline for Peak District and Yorkshire Dales

Severe wind chill and soon snow in morning. Clearing during afternoon.

Detailed Forecast for Tuesday, 13 February, 2018

How windy? (On the summits)	Southerly veering northwesterly morning 40mph; but risk 50mph highest tops for a few hours. Becoming westerly gradually dropping to 30mph through afternoon.
Effect of wind on you?	Walking frequently arduous or locally difficult across the hills in morning with severe wind chill. Conditions easing from the west during afternoon, but wind chill remaining significant.
How wet?	Persistent snow setting in; clearing later. Persistent snow setting in soon after dawn, resulting in appalling visibility across higher areas. Snow will soon lie even on lower slopes. The snow will gradually clear to the east in the afternoon; but may take until mid afternoon to clear the eastern dales.
Cloud on the hills?	Intermittently shrouding higher areas Cloud will become very extensive in the snow, often from lower slopes upwards. During the afternoon, cloud will break up and lift from the west as the snow clears; leaving a legacy of patches of cloud at varying heights with many hills clearing.
Chance of cloud free summits?	10% in snow, increasing in afternoon to 60%.
Sunshine and air clarity?	A little sunshine breaking through during afternoon. Widely appalling visibility in the snow across higher areas. Becoming very good from west during afternoon.
Temperature (at 600m)	-2C, but will feel closer to -17C in direct exposure to the wind in the morning.
And in the valleys	Only 1 to 2 Celsius in morning; up to 3 or 4C in the afternoon.

Peak District and Yorkshire Dales - Looking Ahead

	Wednesday 14 February	Thursday 15 February
How windy? (On the summits)	Southerly 50 to 60mph.	Westerly 25-35mph; strongest in the morning.
Effect of wind on you?	Very difficult walking conditions across the hills. Severe wind chill.	Will impede walking at times across higher areas, especially in morning. Significant wind chill.
How wet?	Snow; turning to rain Snow spreading east morning, although rain below about 350m. In the afternoon will change to rain up to higher summits.	Brief snow and hail showers; mainly west Scattered hail and snow showers will run in from the Irish Sea during the day. These will be mainly brief and will fall as rain to lower slopes. Eastern dales/peaks seeing only rare flurries now and again.
Cloud on the hills?	Becoming extensive and very low Soon lowering to between 300 and 500m as precipitation develops.	Often clear Throughout much of the day; the hills will be clear of fog. However, during and for a time after the showers, shafts of cloud will form down to 500-600m; mainly across western hills.
Chance of cloud free summits?	20%	60%
Sunshine and air clarity?	Sunshine unlikely. Soon extensively misty at best.	Bursts of sunshine; most extensively across eastern hills. Visibility generally excellent, but deteriorating markedly in snow.
Temperature (at 600m)	-1C rising slowly to 3C	-1C
And in the valleys	Ground in many valleys frozen after dawn. Will slowly thaw out as temperature rises slowly to reach 5 to 6C later afternoon.	3 to 4C

Planning Outlook**All mountain areas of Britain from Wednesday, 14 February, 2018**

Low freezing level and mainly on western mountains, further snowfall throughout this week. However, one or two pulses of warmer air will bring brief periods of thaw to higher areas of England and particularly Wales. Into the weekend and beyond; becoming substantially dry as high pressure builds over, or near by, the British Isles.

Forecast issued at 22:14 on Monday, 12 February, 2018

Forecasts are issued daily by 16:30 and are kept under review and amended as necessary. However, expected conditions can still change after issue. © Copyright Geoff Monk & Associates, 2018.