

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 09 Jan 2024 until 23:59 on Wednesday 10 Jan 2024

Forecast Issued on Tuesday 09 Jan 2024 at 03:24

Confidence: High for the cold and mainly dry period of weather to continue through this week. Lower confidence for cloud amounts.

Headline for Tuesday 09 Jan 2024: Dry and bright but very cold with strong winds.

Mountain weather hazards on Tuesday 09 Jan 2024

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

High Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 09 Jan 2024

Weather: A cold and frosty start to the day with some low cloud first thing in the morning, fizzling away to leave some good spells of winter sunshine for the rest of the day. Remaining dry. Feeling bitterly cold on exposed slopes with the strong easterly winds and sub-zero temperatures.

Chance of cloud-free hill tops above 600m: 70%, 60% on eastern slopes.

Low Cloud and visibility: Very good visibility with most cloud well above the summits, scattered low cloud bases above 500m in the morning and again in the evening, mainly on eastern slopes.

Forecast for Tuesday 09 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)			Wind Direction (blowing from)			
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 E	23/33 E	24/34 E	20/30 E	21/33 E	20/34 E	17/28 E
300	15/32 E	19/38 E	19/36 E	16/33 E	16/35 E	11/27 NE	10/25 NE
Valley	13/32 E	11/30 E	13/28 E	13/27 NE	13/27 E	10/23 NE	7/20 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-3/-10	-2/-10	-2/-9	-2/-10	-2/-9	-1/-7
300	-0/-6	-0/-7	1/-5	0/-5	-0/-6	0/-5	1/-3
Valley	1/-4	1/-4	3/-2	2/-3	1/-4	1/-3	2/-1
Freezing Level*	100m	100m	200m	200m	100m	200m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A very cold day especially in exposure to the strong and gusty winds. Gusts of 50mph on high ridges and summits with a risk of being blown over.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 09 Jan 2024	0mm	0.8mm	0.8mm

Forecast for Wednesday 10 Jan 2024

Weather: Dry with clear spells overnight but becoming cloudy. A cloudier day with a few light showers, these falling as sleet or snow above 400m.

Maximum wind: East or Northeast 20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: 90% becoming 60% during the morning.

Low Cloud and visibility: Good at first but occasionally poor in wintry showers with frequent cloud cover above 500m.

Temperature: **Valleys:** Plus 1C rising to 6C.
At 600m: Minus 1 rising to Plus 1C.
Freezing level: 200m rising to 700m.