









Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 07 Feb 2024 until 23:59 on Thursday 08 Feb 2024
Forecast Issued on Tuesday 06 Feb 2024 at 14:52

Confidence: High becoming Medium in detail from Thursday
Headline for Wednesday 07 Feb 2024: Mainly dry and bright. Chilly.

Mountain weather hazards on Wednesday 07 Feb 2024		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low 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							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	<05%	<05%	<05%	<05%

Forecast for Wednesday 07 Feb 2024

Weather: Dry and often clear overnight with a frost. Mainly dry and bright during daylight hours with sunny spells, although the odd light snow shower is possible. Dry with clear skies in the evening, perhaps some mist or freezing patches forming in the valleys.

Chance of cloud-free hill tops above 600m: 95%

Low Cloud and visibility: No significant low cloud expected. Visibility mainly very good or excellent.

Forecast for Wednesday 07 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 NE	4/9 E	4/8 SE	8/14 SW	11/15 SW	9/13 W	5/8 W	4/9 N	5/9 NE
300	5/13 N	2/8 NE	2/6 E	2/9 S	7/12 SW	6/11 W	3/7 NW	4/9 N	4/9 NE
Valley	1/4 NE	1/4 NE	2/4 E	1/5 E	4/8 W	5/9 W	3/6 N	3/8 NE	4/8 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-2/-4	-2/-4	-1/-5	-0/-5	-0/-4	-1/-4	-2/-5	-3/-6
300	0/-2	-1/-3	-1/-3	-0/-2	2/-0	3/0	0/-2	-1/-3	-1/-4
Valley	1/-0	-0/-2	-1/-2	1/-0	4/2	4/2	2/0	1/-0	0/-2
Freezing Level*	200m	100m	100m	100m	300m	400m	300m	200m	100m

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

Meteorologist's View

A fine winter's day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 06 Feb 2024	7.6mm	8.6mm	11.8mm

Forecast for Thursday 08 Feb 2024

Weather: Dry with clear spells and a frost overnight, some mist or freezing fog possible in the dales. Cloud thickening and lowering during the morning, some patchy snow by midday. The snow becoming more persistent through the afternoon and evening, heavy at times. Strong to gale force summit winds with severe wind chill, temporary blizzard and whiteout conditions possible at height.

Maximum wind: East 30 to 35mph gusts 45mph during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 80% falling to 20% during daylight hours.

Low Cloud and visibility: Cloud becoming extensive, base 300 to 600m, during daylight. Visibility starting very good, but becoming moderate to very poor with whiteout conditions possible at times over the tops.

Temperature: **Valleys:** Zero to Minus 2 Celsius
 At 600m: Minus 1 to Minus 3 Celsius
 Freezing level: All levels