

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 02 Feb 2024 until 23:59 on Saturday 03 Feb 2024

Forecast Issued on Friday 02 Feb 2024 at 04:15

Confidence: Generally high confidence but moderate for detail of weather fronts.

Headline for Friday 02 Feb 2024: Cloudy and windy with outbreaks of drizzle or light rain throughout the day.

Mountain weather hazards on Friday 02 Feb 2024

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

Medium Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium 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
					
Light rain	Fog				
Precipitation probability					
60%	60%	40%	70%	40%	30%

Forecast for Friday 02 Feb 2024

Weather: Low cloud feeding in from the northwest throughout much of the day bringing with it outbreaks of light rain or drizzle. Perhaps a few brighter breaks during the afternoon. Cloud breaking up later in the evening to give some clear spells. Strong west to southwesterly winds throughout.

Chance of cloud-free hill tops above 600m: 10%, increasing 30% for a time during the afternoon, increasing to 60% towards midnight.

Low Cloud and visibility: Broken or overcast low cloud base 400-600m, becoming scattered for a time during the afternoon. Few or scattered cloud base 500-700m by late evening. Visibility poor in hill fog, moderate at times in rain, otherwise good.

Forecast for Friday 02 Feb 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	28/35 SW	29/39 SW	31/44 W	30/43 W	31/45 W	31/43 W	32/46 W
300	13/32 SW	21/43 W	21/41 W	20/39 W	20/40 W	21/42 W	22/43 W
Valley	11/28 SW	15/34 W	13/29 SW	12/27 SW	12/28 SW	15/33 W	15/32 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	6/0	6/1	7/1	7/1	7/1	6/0
300	6/3	7/2	8/4	8/4	8/4	8/4	8/4
Valley	8/5	8/4	9/6	9/6	9/6	9/6	9/6
Freezing Level*	2000m	2200m	1700m	2200m	2000m	1700m	1500m

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

Meteorologist's View

Be aware of very strong winds at height. Poor visibility at elevation, especially in the west, compass navigation may be necessary.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 02 Feb 2024	2.2mm	9.2mm	9.8mm

Forecast for Saturday 03 Feb 2024

Weather: Patchy cloud and sunny spells on Saturday. Chance of a little light rain or drizzle during the early hours then mainly dry throughout the day. Perhaps the odd shower later in the afternoon or evening.

Maximum wind: Westerly 20-30 mph gusting 40-50 mph, easing during the afternoon

Chance of cloud-free hill tops above 600m: 30-40% at first, improving 80% by morning

Low Cloud and visibility: Scattered or broken 500-700m at first, breaking up by morning, few base 700-800m at times. Generally good visibility out with early cloud.

Temperature: **Valleys:** Plus 5 to 8 Celsius
At 600m: Plus 2 to 5 Celsius
Freezing level: Above summits