

Yorkshire Dales National Park







Forecast valid from 06:00 on Saturday 06 Jan 2024 until 23:59 on Sunday 07 Jan 2024

Forecast Issued on Saturday 06 Jan 2024 at 04:44

Confidence: Moderate confidence for cloud amounts on Saturday due to a slow-moving weather front over Northern England, just to the east of the Yorkshire Dales. High for mostly dry and cold weather.

Headline for Saturday 06 Jan 2024: Mostly dry with bright spells. Light winds. Cold.

Mountain weather hazards on Saturday 06 Jan 2024		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Low 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
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	10%	20%

Forecast for Saturday 06 Jan 2024

Weather: Clear periods, patchy frost and valley fog at first, this will be slow to clear in places. Then mainly dry and bright today, although the eastern side of the National Park may have more cloud and isolated showers, this spreading westwards across remaining areas this evening.

Chance of cloud-free hill tops above 600m: 90%, decreasing to 50% this evening.

Low Cloud and visibility: Generally good visibility but some patchy fog in the valleys at first, this slow to clear. Some patchy low cloud above 400m may affect the east, most likely this evening.

Forecast for Saturday 06 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	8/12 N	6/11 N	8/11 N	8/11 N	7/12 N	7/11 NE	6/11 NE
300	6/15 N	6/14 N	6/11 N	6/12 N	6/14 N	6/15 N	5/14 N
Valley	1/6 NE	1/7 NE	1/3 NW	4/10 N	3/10 N	1/6 N	1/8 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-4	0/-3	0/-4	0/-3	0/-3	-0/-4	-0/-4
300	1/-2	1/-3	3/0	3/0	1/-2	0/-3	0/-3
Valley	1/-1	1/-1	3/2	4/3	1/-1	-1/-2	-1/-3
Freezing Level*	500m	400m	700m	700m	500m	400m	500m

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

Meteorologist's View

A generally cold and dry and bright day across the Yorkshire Dales.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 06 Jan 2024	0.4mm	6.2mm	9mm

Forecast for Sunday 07 Jan 2024

Weather: Becoming cloudy overnight and through the day mainly dry with areas of hill fog, but possibly an odd light wintry shower, these most likely across eastern areas. Some bright or sunny periods developing, best across western areas. Feeling cold.

Maximum wind: North or Northeast 10 to 15mph with gusts 25 mph.

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

Low Cloud and visibility: Mostly excellent visibility outside of cloud. Areas of low cloud above 400m, especially across eastern areas.

Temperature: **Valleys:** Minus 2C rising to 4C.

At 600m: Minus 1C.

Freezing level: Around 600m. Valley frost early and late.