

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 01 Feb 2024 until 23:59 on Friday 02 Feb 2024







Forecast Issued on Thursday 01 Feb 2024 at 02:29

**Confidence:** High for a largely fine, rather cold and breezy day on Thursday then remaining often windy and unsettled, but generally mild, through into the start of next week.

**Headline for Thursday 01 Feb 2024:** Dry with increasingly hazy sunny spells. Strengthening winds during the evening cloud lowering onto hills.

Mountain weather hazards on Thursday 01 Feb 2024

<b>Blizzards</b> No Likelihood	<b>Heavy persistent snow</b> No Likelihood	<b>Storm force winds</b> No Likelihood
<b>Gales</b> Low Likelihood	<b>Severe chill effect</b> Low Likelihood	<b>Poor visibility</b> Low Likelihood
<b>Thunderstorms</b> No Likelihood	<b>Heavy persistent rain</b> No Likelihood	<b>Strong sunlight</b> 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	Cloudy	Cloudy	Cloudy	Drizzle
Precipitation probability					
<05%	<05%	<05%	<05%	20%	30%

Forecast for Thursday 01 Feb 2024

**Weather:** Dry through the morning with some sunny spells. The sunshine turning increasingly hazy through the morning as high cloud thickens, but likely staying dry until dark. Some light rain and drizzle then developing through the evening.

**Chance of cloud-free hill tops above 600m:** 90% for much of the day, but falling from the evening onward. By midnight becoming 30% in the east and near zero across western hills.

**Low Cloud and visibility:** Cloud largely above the tops until after dark. Cloud then descending during the evening covering most hills above 600m by midnight, with some patches as low as 400m in the west. Good visibility for much of the day, but becoming poor on the tops during the evening, especially in any rain or drizzle.

Forecast for Thursday 01 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	17/23 W	18/24 W	19/26 W	23/31 W	27/38 SW	29/40 SW	28/39 SW
300	12/27 W	11/24 W	13/24 W	12/25 W	11/27 SW	10/25 SW	15/34 SW
Valley	5/17 W	4/13 SW	9/19 W	10/22 SW	9/24 SW	12/27 SW	14/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-4	2/-4	2/-4	2/-6	2/-5	4/-2
300	4/-1	4/-0	5/1	5/1	4/-0	4/1	6/2
Valley	4/3	4/3	6/4	6/3	5/2	6/2	7/4
Freezing Level*	800m	800m	800m	800m	800m	2400m	2300m

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

Meteorologist's View

Mostly fine conditions, but still feeling cold in the blustery breeze. Conditions quickly deteriorating during the evening, with poor visibility setting in, and winds becoming strong, especially on the tops and high level ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 01 Feb 2024	7mm	7.6mm	38.4mm

Forecast for Friday 02 Feb 2024

**Weather:** Cloudy with outbreaks of rain and drizzle, most persistent and perhaps occasionally heavy over western hills. Best of any brighter spells likely in the east. Despite mild temperatures, strong gusty winds and limited sunny spells will lead to a colder feel on the summits.

**Maximum wind:** Westerly 35-40mph, gusting 50-60mph.

**Chance of cloud-free hill tops above 600m:** Near 0% in west, 30% in east

**Low Cloud and visibility:** Widespread cloud obscuring summits above 600m, with some patches down to 400m in the west. The odd clearer spell possible across eastern hills. Good visibility but falling to a few km in any rain and drizzle and very poor in amongst any cloud on the summits.

**Temperature:** **Valleys:** Plus 7 Celsius rising to Plus 12 Celsius.  
**At 600m:** Plus 6 Celsius  
**Freezing level:** Above the summits