

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 10 Apr 2024 until 23:59 on Thursday 11 Apr 2024

Forecast Issued on Tuesday 09 Apr 2024 at 14:46

Confidence: High for unsettled themes, moderate for detail in rainfall amounts on Wednesday.

Headline for Wednesday 10 Apr 2024: A cold and bright start to the day, cloud, wind and rain arriving from the west.

Mountain weather hazards on Wednesday 10 Apr 2024

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

Medium Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

Medium 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	Partly cloudy (night)	Cloudy	Light rain	Heavy Rain	Heavy Rain	Drizzle	Drizzle
Precipitation probability							
00%	00%	00%	40%	80%	80%	60%	60%

Forecast for Wednesday 10 Apr 2024

Weather: A cold, dry and bright start to the day with increasing cloud cover from the west. By mid-morning cloud bases lower and rain arrives, occasionally heavy at times. Rain turns lighter by the evening but turning heavier again overnight.

Chance of cloud-free hill tops above 600m: 90% becoming less than 10%.

Low Cloud and visibility: Very good visibility to start the day with cloud bases well above summits, cloud thickening and bases lowering through the morning with broken cloud bases 600m, lowering further to 300-400m in outbreaks of rain or drizzle in the late afternoon and evening. Visibility dropping to poor or very poor in heavy rain or rain and drizzle.

Forecast for Wednesday 10 Apr 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	13/22 W	12/18 SW	14/22 SW	19/27 S	27/38 S	25/35 SW	24/35 SW	26/39 SW	27/40 SW
300	9/24 W	3/13 SW	5/17 SW	10/21 S	16/33 S	13/29 SW	16/33 SW	19/38 SW	18/35 SW
Valley	3/13 NW	2/9 S	7/19 S	9/21 S	14/32 S	12/28 SW	15/33 SW	18/38 SW	15/33 SW

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/-4	2/-3	2/-3	3/-2	5/-1	7/2	9/4	8/3	8/3
300	3/-0	2/-0	3/1	6/3	7/3	9/6	10/7	10/6	10/6
Valley	3/2	2/0	5/3	8/5	8/5	10/8	11/8	10/7	10/7
Freezing Level*	700m	800m	900m	1200m	2600m	2500m	2500m	2700m	2500m

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

Meteorologist's View

Increasingly difficult navigating conditions as rain and low cloud arrives from the west, with wet weather clothing essential. Winds are likely to be stronger by roughly 5mph than the table above shows.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 08 Apr 2024	4.8mm	12.8mm	23.2mm

Forecast for Thursday 11 Apr 2024

Weather: A rather damp start to the day with outbreaks of rain and drizzle affecting the park, this quickly clears by mid-morning to leave a dry day with some decent cloud breaks at times before further rain arrives in the evening.

Maximum wind: West-southwesterly winds 25-30mph with gusts over summits 40mph, gradually easing by the evening to a southwesterly 15-20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: 20% at first becoming 80% by the afternoon. Then lowering to 30% by the evening.

Low Cloud and visibility: Moderate visibility to start, poor in drizzle or low cloud improving to excellent by the afternoon. Broken cloud obscuring hills above 500-600m in the morning, with cloud bases lifting and breaking though the morning to see cloud bases above summits by the afternoon. Scattered cloud arriving in the evening, covering hills above 700m.

Temperature: **Valleys:** Plus 15
At 600m: Plus 8
Freezing level: Above summits.