

Yorkshire Dales National Park









Forecast valid from 00:00 on Tuesday 02 Apr 2024 until 23:59 on Wednesday 03 Apr 2024
Forecast Issued on Monday 01 Apr 2024 at 16:43

Confidence: High for generally unsettled weather conditions to continue. Moderate for timing of rainfall and low cloud on Wednesday.

Headline for Tuesday 02 Apr 2024: Early mist and low cloud clearing to sunny spells, isolated showers.

Mountain weather hazards on Tuesday 02 Apr 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms Low Likelihood	Heavy persistent rain No Likelihood	Strong sunlight Low 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
							
Fog	Fog	Fog	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	30%	30%	20%	10%	20%	20%	10%

Forecast for Tuesday 02 Apr 2024

Weather: Mostly cloudy and mainly dry overnight, although some light drizzle may occur on higher slopes later in the night as cloud lowers. Any clearer spells could also allow some mist and fog to develop in valleys by morning. Low cloud and mist or fog patches slowly lifting and clearing through the morning, clearing most summits by the afternoon. Bright or sunny spells developing with a few isolated showers possible (small risk of thunder), these largely fading by the evening. Light or gentle winds throughout.

Chance of cloud-free hill tops above 600m: 30% becoming, 80% by the afternoon.

Low Cloud and visibility: Rather extensive cloud developing overnight, bases 300-500m, lowest and most widespread on south and west facing slopes. Some northern and eastern areas remaining largely clear. Patches of mist and valley fog possible where clearer skies persist until mid-morning. Cloud lifting generally clear of tops by late morning or early afternoon, with patches perhaps briefly affecting hills around 600m in association with any afternoon showers.

Forecast for Tuesday 02 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	8/12 S	7/10 S	6/9 S	9/12 SW	9/14 SW	9/14 SW	5/7 S	8/12 E	10/17 E
300	2/8 SE	2/8 S	3/7 S	6/10 SW	6/12 SW	7/14 SW	2/5 SW	5/11 E	7/16 E
Valley	2/5 E	2/6 SE	2/7 S	5/10 SW	6/12 SW	7/12 SW	2/5 E	6/12 E	8/17 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	4/0	3/0	3/0	4/1	5/2	6/3	6/4	4/2	4/1
300	5/4	5/4	5/4	6/4	8/6	9/7	8/7	6/4	6/4
Valley	6/5	6/5	6/5	7/6	9/8	11/9	9/9	7/6	8/6
Freezing Level*	1200m	1200m	1200m	1200m	1200m	1200m	1300m	1400m	1400m

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

Meteorologist's View

Sun protection is advised as bright or sunny spells develop through the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 01 Apr 2024	2.6mm	2.6mm	9mm

Forecast for Wednesday 03 Apr 2024

Weather: Cloud and rain spreading across the area overnight into the morning bringing rather dull and wet conditions, likely persisting through much of, if not all the day.

Maximum wind: East or northeasterly, veering west or southwesterly 10-15mph, gusts 15-20mph.

Chance of cloud-free hill tops above 600m: 20%.

Low Cloud and visibility: Widespread cloud base 200-400m, with the lowest bases on eastern slopes. Visibility moderate, but poor in rain and nearby hills likely obscured.

Temperature: **Valleys:** Plus 6 increasing Plus 11 Celsius.
At 600m: Plus 3 increasing Plus 7 Celsius.
Freezing level: Above summits.