

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 04 May 2024 until 23:59 on Sunday 05 May 2024

Forecast Issued on Saturday 04 May 2024 at 04:55

Confidence: High for the overall story but moderate for the timing regarding the rain and cloud clearance on Sunday.

Headline for Saturday 04 May 2024: Overcast with hill fog, with outbreaks of light rain and drizzle.

Mountain weather hazards on Saturday 04 May 2024

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

High Likelihood

Thunderstorms

Low 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
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
60%	60%	60%	40%	30%	30%

Forecast for Saturday 04 May 2024

Weather: Overcast with hill fog, with outbreaks of light rain and drizzle, especially across western areas. Across the east drier spells are likely to develop this afternoon.

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

Low Cloud and visibility: Cloud down to 300-400m, gradually lifting 400-600m later today. Poor or very poor visibility in cloud and drizzle.

Forecast for Saturday 04 May 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	13/18 SW	15/21 SW	15/21 SW	15/21 SW	13/18 SW	10/15 SW	9/13 SW
300	9/16 SW	11/19 SW	11/19 SW	11/19 SW	8/16 SW	5/11 SW	4/9 SW
Valley	7/14 SW	9/17 SW	9/18 SW	9/17 SW	7/14 SW	4/10 SW	4/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/4	8/4	8/4	7/4	6/4	6/4
300	9/6	9/6	10/7	9/7	9/7	8/7	8/7
Valley	10/8	10/8	10/8	10/8	10/8	9/8	9/8
Freezing Level*	2400m	2400m	2300m	2300m	2200m	2100m	2100m

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

Meteorologist's View

Waterproofs required, feeling cold and damp. Navigational skills essential in very poor visibility above 300-400m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 04 May 2024	0.6mm	0.6mm	0.6mm

Forecast for Sunday 05 May 2024

Weather: Low cloud with bases over summits and outbreaks of drizzle initially. Becoming increasingly dry and bright through the morning, with some sunny spells possible in the afternoon and early evening. Some fair weather cloud developing later, perhaps leading to the odd light shower. Generally dry and largely clear in the evening.

Maximum wind: Southwesterly 10mph gusting 20 mph.

Chance of cloud-free hill tops above 600m: 20% early morning but becoming 95% or more by late morning.

Low Cloud and visibility: Cloud down to 500-600m initially rising above summits by late morning. Poor in cloud otherwise good or very good with clear views of distant hills into the afternoon.

Temperature: **Valleys:** Plus 8 Celsius becoming 12 Celsius.
At 600m: Plus 6 Celsius becoming 9 Celsius.
Freezing level: Above summits