

Yorkshire Dales National Park







Forecast valid from 06:00 on Friday 08 Mar 2024 until 23:59 on Saturday 09 Mar 2024
Forecast Issued on Friday 08 Mar 2024 at 03:07

Confidence: High for easterly flow persisting but gradually lowering confidence for the cloud and precipitation detail.

Headline for Friday 08 Mar 2024: West dry with brighter spells building. East cloudy with some early showers. Strong easterly summit breezes. Freezing level lowering later.

Mountain weather hazards on Friday 08 Mar 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 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
					
Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	20%	10%	10%	10%	10%

Forecast for Friday 08 Mar 2024

Weather: West dry with bright and sunny spells developing from late morning. East rather cloudy with some showers, these mainly through the morning and wintry above around 400m.

Chance of cloud-free hill tops above 600m: 80% in west, 30% in east, becoming for afternoon 90% in west, 50% in east.

Low Cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases quite extensive in the east at first from 600m, otherwise more broken and lifted.

Forecast for Friday 08 Mar 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	22/29 E	23/30 E	24/33 E	24/35 E	25/37 E	25/36 E	22/32 E
300	12/25 E	13/26 E	17/33 E	18/33 E	16/34 E	17/35 E	16/33 E
Valley	10/23 E	11/24 E	14/29 E	16/31 E	12/26 E	13/29 E	13/28 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	0/-6	1/-6	1/-6	0/-7	-1/-8	-0/-8
300	3/-1	3/-1	4/-1	4/-1	3/-2	2/-4	2/-3
Valley	5/1	5/1	6/2	6/2	5/1	4/-1	4/-0
Freezing Level*	700m	600m	600m	500m	500m	400m	500m

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

Meteorologist's View

Significant wind chill effect extended to mid-level routes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 07 Mar 2024	0.4mm	0.4mm	2.4mm

Forecast for Saturday 09 Mar 2024

Weather: Easterly flow persisting bringing showers, quite frequent during the morning and in the east, while western areas of the Park see the best of the shelter, with snow level around 600m. A cloudier day than Friday with the brief brighter spells in the west and most likely either side of noon.

Maximum wind: East or northeast mean 25-30mph with gusts reaching 45mph across most exposed ridges and summits, easing a little for the afternoon.

Chance of cloud-free hill tops above 600m: 70% in west, 20% in east

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases becoming quite extensive in the east from 600m, occasionally so in west.

Temperature: **Valleys:** Plus 2 Celsius increasing 11 Celsius for the afternoon
 At 600m: Plus 1 Celsius
 Freezing level: 700m