

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 01 Nov 2022 until 23:59 on Wednesday 02 Nov 2022

Forecast Issued on Tuesday 01 Nov 2022 at 04:40

Confidence: High confidence for unsettled, occasionally windy conditions and spells of rain or showers, but Low confidence for timings and when or where heaviest most prolonged rainfall will be.

Headline for Tuesday 01 Nov 2022: Low cloud with spells of rain this morning, then brighter, clearer with a few showers this afternoon and evening. Windy at times.

Mountain weather hazards on Tuesday 01 Nov 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

Medium Likelihood

Thunderstorms







Low Likelihood

Heavy persistent rain

Low 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
					
Heavy Rain	Heavy Rain	Light rain showers	Sunny intervals	Heavy rain showers (night)	Heavy rain showers (night)
Precipitation probability					
90%	80%	30%	10%	30%	50%

Forecast for Tuesday 01 Nov 2022

Weather: An area of persistent, occasionally heavy rain moves quickly northeast during the early morning, though followed a few hours later by another band of intermittently heavy rain. There will be a legacy of low cloud, hill fog and patchy mist between these rain bands. Low cloud and mist will lift and break through the late morning and skies will brighten with sunny spells developing, but isolated showers will break out in afternoon. Cloud will thicken early evening to bring more frequent, perhaps heavy and thundery showers to the area with hill fog becoming more extensive again.

Chance of cloud-free hill tops above 600m: 10% on Tuesday morning, but improving to 70% by early afternoon. Lowering to 30% in showers.

Low Cloud and visibility: Extensive cloud down to 300m at first Tuesday, but lifting by early afternoon, then mainly broken cloud above 800m, but 600m in showers and extensive cloud from late afternoon above 500m, with ragged cloud below down to 350m. Moderate or poor visibility to start the day, then mainly good, but some reductions with showers and becoming moderate or poor in heavier rain later.

Forecast for Tuesday 01 Nov 2022

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	25/34 W	23/30 SW	24/31 SW	18/25 SW	11/18 SW	14/21 SW	19/27 SW
300	17/34 SW	14/29 SW	16/31 SW	10/22 SW	5/14 SW	7/15 SW	10/23 W
Valley	9/22 W	9/22 SW	12/25 SW	9/19 SW	3/13 S	6/16 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/2	7/2	7/3	6/3	5/0	4/-1
300	10/7	9/6	10/7	10/7	8/6	7/5	6/3
Valley	11/9	10/9	11/9	11/9	9/8	8/7	8/5
Freezing Level*	1900m	1800m	1400m	1300m	1300m	1300m	1200m

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

Meteorologist's View

Rather wet and murky at first and again later with heavy rain, areas of hill fog and wet conditions underfoot will bring some navigational difficulties.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 01 Nov 2022	15.2mm	18.8mm	29.6mm

Forecast for Wednesday 02 Nov 2022

Weather: Rain clearing overnight then a dry and likely sunny start after clearance of any early fog from valleys. Becoming cloudy and windy in the morning, with a little rain by lunchtime, but heavy, perhaps thundery, rain will spread from the west in the afternoon. Becoming less windy in the evening as rain clears.

Maximum wind: SW 25-30mph at first, increasing 30-35 gust 50 mph by the afternoon, though 45-50 gust 60-65mph is possible on higher tops. Turning more westerly in evening and decreasing 25-30 gust 40-45mph.

Chance of cloud-free hill tops above 600m: 90% becoming 40% in morning, then almost nil for a time in heavy rain.

Low Cloud and visibility: Scattered cloud above 800m at first, but patchy cloud and fog at low levels, becoming broken down to 600m by end of the morning then extensive cloud down to 400 or 500m in showery rain, though lifting and becoming more broken in evening. Mainly good visibility in morning, but some fog in valleys at first and becoming poor perhaps very poor in rain in afternoon.

Temperature: **Valleys:** Plus 5 C rising to plus 11 C
At 600m: Plus 3 C increasing to plus 5 C
Freezing level: Above the tops