

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 09 Nov 2022 until 23:59 on Thursday 10 Nov 2022

Forecast Issued on Tuesday 08 Nov 2022 at 09:41

Confidence: High for showery start for Wednesday, then mainly cloudy with some patchy rain Thursday and Friday, but confidence lowering for the detail of worst of conditions and weekend weather.

Headline for Wednesday 09 Nov 2022: Showers, heavier and more frequent for the morning and early afternoon.

Mountain weather hazards on Wednesday 09 Nov 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No 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 |
|  |  |  |  |  |  |  |  |
| Light rain showers (night) | Light rain showers (night) | Light rain showers (night) | Heavy rain showers | Heavy rain showers | Light rain showers | Light rain showers (night) | Cloudy |
| Precipitation probability | | | | | | | |
| 30% | 30% | 40% | 60% | 60% | 30% | 30% | 20% |

Forecast for Wednesday 09 Nov 2022

Weather: Clear then brighter spells mixed with showers for Wednesday. Outbreaks turning quite frequent through the morning and early afternoon, with some heavy and potentially bringing hail and thunder. Showers dwindling late afternoon, then cloud feeding from west during the evening, bringing some patchy rain late evening.

Chance of cloud-free hill tops above 600m: By day 80% becoming 90% late afternoon.

Low Cloud and visibility: Good becoming moderate or poor in showers and later rain, very poor within cloud with bases occasionally lowering 500m as showers push through, before turning extensive late evening.

Forecast for Wednesday 09 Nov 2022

| 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 | 23/34 SW | 22/31 SW | 18/26 SW | 17/25 SW | 20/29 SW | 20/29 SW | 21/31 SW | 24/36 SW | 26/38 SW |
| 300 | 15/31 SW | 13/29 SW | 10/23 SW | 10/22 SW | 13/26 W | 11/24 SW | 11/25 SW | 13/29 SW | 16/33 SW |
| Valley | 9/24 SW | 9/23 SW | 7/20 SW | 8/20 SW | 10/22 SW | 10/22 SW | 9/23 SW | 11/26 SW | 15/31 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 | 6/1 | 6/1 | 6/2 | 6/1 | 6/1 | 6/1 | 6/1 | 7/2 | 8/3 |
| 300 | 8/5 | 8/5 | 8/6 | 8/5 | 9/6 | 9/6 | 8/6 | 9/6 | 10/6 |
| Valley | 9/7 | 9/7 | 9/8 | 9/7 | 10/8 | 10/8 | 10/8 | 10/8 | 11/8 |
| Freezing Level* | 1500m | 1400m | 1400m | 1400m | 1400m | 1400m | 1500m | 1700m | 2200m |

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

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 15:00 on Mon 07 Nov 2022 | 2.6mm | 4.8mm | 14.4mm |

Forecast for Thursday 10 Nov 2022

Weather: Mainly cloudy with occasional patchy light rain, most persistent across western areas. Best of shelter east of Askrigg.

Maximum wind: Southwest mean 35-40 mph with gusts reaching 60 mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: Ranging from 30% in west and 50% in east

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive in west, broken in east from 500m.

Temperature: **Valleys:** Plus 5 Celsius increasing 16 Celsius during the afternoon
At 600m: Plus 9 Celsius
Freezing level: Above summits