

Yorkshire Dales National Park






Forecast valid from 06:00 on Friday 02 Feb 2024 until 23:59 on Saturday 03 Feb 2024  
Forecast Issued on Friday 02 Feb 2024 at 04:15

**Confidence:** Generally high confidence but moderate for detail of weather fronts.

**Headline for Friday 02 Feb 2024:** Cloudy and windy with outbreaks of drizzle or light rain throughout the day.

Mountain weather hazards on Friday 02 Feb 2024

|                                       |   |   |
|---------------------------------------|---|---|
| <b>Blizzards</b><br>No Likelihood     | <b>Heavy persistent snow</b><br>No Likelihood | <b>Storm force winds</b><br>No Likelihood   |
| <b>Gales</b><br>Medium Likelihood     | <b>Severe chill effect</b><br>Low Likelihood  | <b>Poor visibility</b><br>Medium Likelihood |
| <b>Thunderstorms</b><br>No Likelihood | <b>Heavy persistent rain</b><br>No Likelihood | <b>Strong sunlight</b><br>No Likelihood     |

| Weather and chance of precipitation at 600m  |  |  |  |  |                |
|--|--|--|--|--|----------------|
| Time   |  |  |  |  |                |
| 06:00  | 09:00  | 12:00  | 15:00  | 18:00  | 21:00          |
|  |  |  |  |  | <div>FOG</div> |
| Light rain   | Light rain   | Light rain   | Light rain   | Light rain   | Fog            |
| Precipitation probability  |  |  |  |  |                |
| 60%  | 60%  | 40%  | 70%  | 40%  | 30%            |

Forecast for Friday 02 Feb 2024

**Weather:** Low cloud feeding in from the northwest throughout much of the day bringing with it outbreaks of light rain or drizzle. Perhaps a few brighter breaks during the afternoon. Cloud breaking up later in the evening to give some clear spells. Strong west to southwesterly winds throughout.

**Chance of cloud-free hill tops above 600m:** 10%, increasing 30% for a time during the afternoon, increasing to 60% towards midnight.

**Low Cloud and visibility:** Broken or overcast low cloud base 400-600m, becoming scattered for a time during the afternoon. Few or scattered cloud base 500-700m by late evening. Visibility poor in hill fog, moderate at times in rain, otherwise good.

**Forecast for Friday 02 Feb 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   |
| <b>600</b>    | 28/35 SW                    | 29/39 SW | 31/44 W  | 30/43 W  | 31/45 W                       | 31/43 W | 32/46 W |
| <b>300</b>    | 13/32 SW                    | 21/43 W  | 21/41 W  | 20/39 W  | 20/40 W                       | 21/42 W | 22/43 W |
| <b>Valley</b> | 11/28 SW                    | 15/34 W  | 13/29 SW | 12/27 SW | 12/28 SW                      | 15/33 W | 15/32 W |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                        | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>600</b>             | 5/-1                          | 6/0   | 6/1   | 7/1   | 7/1   | 7/1   | 6/0   |
| <b>300</b>             | 6/3                           | 7/2   | 8/4   | 8/4   | 8/4   | 8/4   | 8/4   |
| <b>Valley</b>          | 8/5                           | 8/4   | 9/6   | 9/6   | 9/6   | 9/6   | 9/6   |
| <b>Freezing Level*</b> | 2000m                         | 2200m | 1700m | 2200m | 2000m | 1700m | 1500m |

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

**Meteorologist's View**

Be aware of very strong winds at height. Poor visibility at elevation, especially in the west, compass navigation may be necessary.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 03:00 on Fri 02 Feb 2024 | 2.2mm          | 9.2mm          | 9.8mm          |

**Forecast for Saturday 03 Feb 2024**

**Weather:** Patchy cloud and sunny spells on Saturday. Chance of a little light rain or drizzle during the early hours then mainly dry throughout the day. Perhaps the odd shower later in the afternoon or evening.

**Maximum wind:** Westerly 20-30 mph gusting 40-50 mph, easing during the afternoon

**Chance of cloud-free hill tops above 600m:** 30-40% at first, improving 80% by morning

**Low Cloud and visibility:** Scattered or broken 500-700m at first, breaking up by morning, few base 700-800m at times. Generally good visibility out with early cloud.

**Temperature:** **Valleys:** Plus 5 to 8 Celsius  
**At 600m:** Plus 2 to 5 Celsius  
**Freezing level:** Above summits