

Yorkshire Dales National Park







Forecast valid from 06:00 on Saturday 06 Apr 2024 until 23:59 on Sunday 07 Apr 2024

Forecast Issued on Saturday 06 Apr 2024 at 04:16

**Confidence:** High for Saturday and Sunday, but low for Monday into Tuesday with the track of a low pressure bringing stronger winds and rain subject to some uncertainty.

**Headline for Saturday 06 Apr 2024:** Very windy with storm force gusts likely. Sunny spells and showers.

Mountain weather hazards on Saturday 06 Apr 2024		
<b>Blizzards</b> No Likelihood	<b>Heavy persistent snow</b> No Likelihood	<b>Storm force winds</b> No Likelihood
<b>Gales</b> Medium Likelihood	<b>Severe chill effect</b> Low Likelihood	<b>Poor visibility</b> Low Likelihood
<b>Thunderstorms</b> Low Likelihood	<b>Heavy persistent rain</b> No Likelihood	<b>Strong sunlight</b> Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny	Sunny	Light rain showers	Light rain showers	Sunny intervals	Heavy rain showers (night)
Precipitation probability					
10%	10%	30%	30%	10%	60%

Forecast for Saturday 06 Apr 2024

**Weather:** Storm Kathleen giving a very windy day with gales, severe at times over summits. Sunny spells developing during the morning, with some isolated showers. Showers becoming more organised with a spell of perhaps heavy rain later in the evening. Turning chilly in the evening.

**Chance of cloud-free hill tops above 600m:** 90%, lowering to 40% by the evening.

**Low Cloud and visibility:** Generally excellent visibility, with cloud mainly above summits. Cloud bases in showers lowering to 600m and visibilities reducing to moderate or poor.

Forecast for Saturday 06 Apr 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	28/37 S	31/39 S	31/43 SW	30/43 SW	24/35 SW	26/37 S	29/42 SW
300	15/36 SE	14/30 S	21/40 S	21/41 SW	15/33 S	16/34 S	18/38 SW
Valley	15/39 SE	16/36 S	19/39 S	19/40 SW	12/28 SW	13/30 S	15/34 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/5	11/6	11/6	10/6	9/5	7/2	5/-1
300	12/9	13/10	14/10	13/9	12/9	9/6	7/3
Valley	14/11	15/12	15/11	14/11	13/10	10/8	9/5
Freezing Level*	2500m	2300m	1800m	1700m	1600m	1600m	1300m

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

Meteorologist's View

Gusts of 50-55mph mostly above 500m will give very difficult walking conditions with a significant risk of being blown over. Be prepared for sudden strong gusts on lee slopes. Temperatures dropping during the evening, with a significant wind chill developing at height. Note also the risk of heavier showers giving a soaking during the late evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 06 Apr 2024	19.2mm	32mm	46.6mm

Forecast for Sunday 07 Apr 2024

**Weather:** Strong and gusty winds continuing, with gales at higher elevations. Otherwise a mixture of sunny spells and showers, these heavy and perhaps thundery at times. Showers will tend to become lighter and less frequent during the afternoon, with mostly dry conditions by evening.

**Maximum wind:** Southwesterly 30-40 mph, gusting 50-60 mph.

**Chance of cloud-free hill tops above 600m:** 60% at first, soon becoming 90% during the morning.

**Low Cloud and visibility:** Areas of cloud above 500-600m at first, this lifting above the hilltops during the morning. However, cloud perhaps touching the higher summits in heavier showers. Visibility mostly good, but poor in heavier showers and very poor in any low cloud.

**Temperature:** **Valleys:** Plus 5C becoming plus 12C during the afternoon.  
**At 600m:** Plus 6C.  
**Freezing level:** Above summits.