

## Likelihood of Significantly Above-Average Temperatures

24-hour mean temperature deviation from average

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec	
E Scotland	Aberdeen	H	M	VL	L	L	L	M	L	M	M	VL	VL	VL	L	M	M	M	M	M	L	L							
	Edinburgh	VH	M	VL	VL	L	L	L	L	VL	M	M	M	M	M	M	M	M	M	L	L	L	M	M	M	M	M	L	L
NW Scotland	Stornoway	H	L	VL	L	M	M	M	M	M	M	M	L	M	M	M	M	M	M	M	M	M	M						
	Oban	VH	H	VL	VL	M	M	M	M	M	L	L	L	VL	VL	M	M	L	VL	VL	L	L	L	L	M	L	L	L	L
SW Scotland	Glasgow	VH	M	VL	VL	L	VL	VL	VL	VL	L	VL	L	L	VL	M	M	L	VL	VL	L	L	L	L	L	L	L	L	VL
	Dumfries	VH	H	VL	VL	M	M	VL	L	VL	L	VL	L	L	L	L	L	VL	VL	VL	VL	L	L	L	L	L	VL	VL	VL
Northern Ireland	Belfast	H	M	VL	L	M	M	L	L	L	L	L	L	L	M	M	M	L	L	L	L								
	Londonderry	H	M	VL	VL	L	VL	VL	VL	VL	L	L	L	M	L	M	M	L	L	L	L	M	M	M	M	M	L	L	L
NW England	Keswick	H	L	VL	L	M	L	L	M	M	L	L	L	L	L	L	L	L	L	L	L								
	Manchester	VH	H	L	VL	M	M	L	VL	L	L	L	M	M	M	M	M	L	L	L	L	M	L	L	L	L	L	L	
Wales	Bangor	H	H	VL	VL	M	M	VL	VL	VL	VL	VL	L	L	L	L	L	L	L	VL	L	L	L	L	L	L	L	L	
	Pembroke	H	M	VL	VL	M	L	VL	VL	VL	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
	Cardiff	H	H	VL	VL	M	M	VL	VL	L	M	M	M	M	M	M	M	L	L	L	L	L	L	M	M	L	L	L	
SW England	Taunton	H	M	L	VL	H	M	VL	L	M	M	M	M	M	M	M	M	L	M	L	L	M	M	M	L	L	M	M	
	Truro	H	M	VL	VL	M	L	VL	VL	VL	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	L	M	M	M
Midlands	Birmingham	VH	M	VL	VL	M	M	VL	VL	VL	L	M	M	M	M	M	M	M	M	L	L	M	M	M	M	M	L	L	M
	Leicester	VH	H	L	VL	M	M	VL	VL	L	L	M	M	M	M	M	M	L	L	L	L	M	M	M	M	M	L	L	M
NE England	York	VH	H	M	VL	M	M	L	VL	L	L	M	M	M	M	M	M	L	L	L	L	M	M	M	M	M	M	L	M
	Newcastle	VH	M	VL	VL	VL	L	VL	VL	VL	L	M	M	M	M	M	M	L	VL	VL	L	M	M	M	M	M	M	L	L
S / SE England	Salisbury	VH	H	M	VL	M	M	VL	VL	L	L	L	M	M	M	M	M	L	L	L	M	L	L	M	L	L	L	M	
	London	VH	H	M	VL	M	M	M	VL	M	M	M	M	M	M	M	M	L	L	L	L	M	L	L	M	L	L	M	
E England	Lincoln	VH	H	M	VL	M	M	L	VL	L	L	M	M	M	M	M	M	L	L	L	L	M	M	M	M	M	L	L	
	Cambridge	VH	H	M	VL	M	M	L	VL	L	L	M	M	M	M	M	M	L	L	L	L	M	L	M	M	L	L	M	
	Norwich	H	M	L	VL	VL	M	VL	VL	VL	L	M	M	M	M	M	M	L	M	L	M	M	L	M	M	M	M	L	L

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		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec	
E Scotland	Aberdeen	VL	VL	M	H	VL	L	M	M	L	VL	L	L	VL															
	Edinburgh	VL	VL	M	H	VL	L	L	L	VL	VL	VL	VL	VL	VL	VL													
NW Scotland	Stornoway	VL	VL	H	H	M	M	M	M	M	VL	VL																	
	Oban	VL	VL	VL	M	VL	L	VL	VL	VL	L	L	VL	L															
SW Scotland	Glasgow	VL	VL	M	H	VL	VL	L	L	L	VL	L	L	L	VL	VL	VL	VL	L	L	L								
	Dumfries	VL	VL	M	H	VL	VL	L	VL	VL	VL	L	VL	VL	VL	VL	VL	L	L	L	L	L	L	VL	L	L	L	L	
Northern Ireland	Belfast	VL	VL	M	H	L	M	M	M	M	L	L	VL	VL	VL	VL	VL	VL	L	L	VL								
	Londonderry	VL	VL	M	H	VL	M	L	L	M	VL	L	VL																
NW England	Keswick	VL	VL	M	H	L	M	M	M	M	L	VL	L	L	L	VL	L	VL	VL	L	L	VL							
	Manchester	VL	VL	VL	M	VL	L	L	L	VL	L	VL	VL	L	L	VL													
Wales	Bangor	VL	VL	L	M	VL	VL	VL	L	L	VL	L	L	L	L	L	L	L	L	L	L	L							
	Pembroke	VL	VL	M	M	VL	VL	M	L	L	VL																		
	Cardiff	VL	VL	VL	M	VL	VL	VL	L	VL	L	VL	L	VL	VL	L	VL	VL											
SW England	Taunton	VL	VL	VL	M	VL	VL	VL	L	VL	L	VL	VL	VL	VL	L	VL	VL											
	Truro	VL	VL	L	M	VL	VL	L	L	VL																			
Midlands	Birmingham	VL	VL	VL	M	VL	VL	L	M	L	VL	L	VL	L	VL	VL	VL	VL	VL										
	Leicester	VL	VL	VL	M	VL	VL	VL	M	VL	L	VL	L	VL	VL	VL	L	VL											
NE England	York	VL	VL	VL	M	VL	VL	VL	M	VL																			
	Newcastle	VL	VL	VL	M	L	VL	L	M	L	VL	L	L	L	VL														
S / SE England	Salisbury	VL	VL	VL	M	VL	VL	VL	L	VL	L	VL	L	L	VL	L	VL	VL	L	VL	L								
	London	VL	VL	VL	M	VL	VL	VL	L	VL	L	L	VL	L	L	VL	L	L	L										
E England	Lincoln	VL	VL	VL	M	VL	VL	VL	M	VL	L	VL	VL	VL	VL	VL													
	Cambridge	VL	VL	VL	M	VL	VL	VL	M	VL	L	VL	L	VL	VL	VL	L	VL											
	Norwich	VL	VL	VL	M	VL	VL	L	M	L	VL																		

## Likelihood of Frost

24-hour minimum air temperature

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec
E Scotland	Aberdeen	VL	VL	M	M	VL	VL	VL	L	VL																		
	Edinburgh	VL	VL	M	H	VL	VL	VL	L	L	VL	L	L	L	VL	L	L	L	L	VL	VL							
NW Scotland	Stornoway	VL	VL	M	M	L	L	M	M	M	VL																	
	Oban	VL	VL	L	M	VL	VL	VL	VL	VL	VL	L	VL	VL	VL	VL	VL	VL	L	M	L	L	L	L	L	L	L	L
SW Scotland	Glasgow	VL	VL	H	H	L	VL	L	L	M	L	M	L	L	L	VL	VL	L	L	M	M	M	M	M	L	M	M	L
	Dumfries	VL	VL	M	H	VL	VL	L	L	M	L	M	L	L	L	L	L	M	M	M	M	M	M	M	M	M	M	M
Northern Ireland	Belfast	VL	VL	M	M	VL	L	M	M	M	VL																	
	Londonderry	VL	VL	M	M	VL	VL	VL	L	L	VL	L	VL	VL	VL	VL	VL	L	VL	VL	VL							
NW England	Keswick	VL	VL	M	H	M	L	M	M	M	L	L	L	VL	L	VL	L	L	M	L	L	L	M	L	L	L	M	M
	Manchester	VL	VL	M	M	VL	VL	L	L	L	L	L	VL	VL	VL	L	VL	L	L	M	L	L	L	L	L	L	M	L
Wales	Bangor	VL	VL	VL	M	VL	L	L	L	L	L	L	L	L	VL													
	Pembroke	VL																										
	Cardiff	VL	VL	L	M	VL	VL	VL	VL	L	VL																	
SW England	Taunton	VL	VL	VL	M	VL																						
	Truro	VL																										
Midlands	Birmingham	VL	VL	M	M	VL	VL	L	L	L	VL	L	L	L	VL	L	L	L	L	L	L							
	Leicester	VL	VL	L	M	L	VL	VL	L	L	L	VL	L	L	L	L	L	L	L	L	L	L						
NE England	York	VL	VL	L	M	M	VL	L	M	L	L	VL	VL	VL	VL	VL	VL	L	L	L	L	L	L	L	L	L	L	L
	Newcastle	VL	VL	VL	M	M	VL	VL	L	L	VL	L	L	L	VL	VL	L	L	L	L	VL							
S / SE England	Salisbury	VL	VL	L	M	VL	VL	L	L	L	VL	L	L	L	L	L	L	L	L	L	L	L						
	London	VL	VL	VL	M	VL	VL	VL	L	VL	L	L	L	L	L	L	L	L	L	L	L							
E England	Lincoln	VL	VL	VL	M	L	VL	VL	M	L	VL	L	L	L	L	L	L	L	L	L	L	L						
	Cambridge	VL	VL	VL	M	L	VL	VL	M	VL	L	L	L	L	L	L	L	L	L	L								
	Norwich	VL	VL	VL	M	M	VL	L	M	L	VL	L	VL	VL	VL	VL	VL											

## Likelihood of Significant Rain

24-hour rain accumulation

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec	
E Scotland	Aberdeen	VL	VL	VL	VL	M	VL	VL	VL	L	VL	VL	VL	L	L	VL	VL	VL	VL	L	L	L	VL	L	L	VL	M	M	
	Edinburgh	VL	VL	VL	VL	M	VL	VL	VL	L	VL	L	L	VL	L	L	L	VL	L	L									
NW Scotland	Stornoway	M	M	VL	VL	M	VL	VL	VL	VL	L	L	M	L	M	L	M	M	L	M	M	L	M	M	M	L	M	M	
	Oban	H	H	VL	VL	M	L	VL	M	L	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
SW Scotland	Glasgow	L	M	VL	VL	M	VL	VL	L	L	L	M	M	M	M	L	M	L	M	M	M	M	M	M	M	L	M	M	
	Dumfries	M	VL	VL	VL	M	M	VL	L	L	L	VL	L	L	M	L	L	L	L	M	M	L	L	M	M	VL	M	M	
Northern Ireland	Belfast	VL	VL	VL	VL	M	VL	VL	M	M	VL	VL	L	L	VL	VL	VL	VL	VL	L	M	L	L	M	M	L	M	L	
	Londonderry	VL	M	VL	VL	M	VL	VL	L	L	VL	L	M	VL	L	L	L	L	L	L	M	L	L	M	M	L	M	VL	
NW England	Keswick	H	M	VL	VL	H	M	VL	M	M	M	L	L	L	M	L	L	L	L	L	M	L	M	M	L	VL	M	M	
	Manchester	VL	VL	VL	VL	M	VL	VL	L	M	L	VL	VL	L	L	VL	L	VL	L	L	L	L	L	L	L	VL	VL	M	M
Wales	Bangor	VL	L	M	VL	M	L	VL	M	M	L	L	M	L	M	L	L	L	L	L	M	M	M	M	L	L	M	M	
	Pembroke	VL	L	L	L	H	M	VL	M	M	M	L	M	M	M	VL	L	L	L	M	M	L	M	M	M	M	M	L	
	Cardiff	VL	L	M	VL	H	M	VL	M	M	L	VL	L	L	L	VL	L	VL	L	L	L	L	L	M	L	L	M	L	
SW England	Taunton	VL	VL	M	VL	H	VL	VL	M	M	VL	VL	VL	L	L	VL	VL	VL	L	VL	L	VL	L	L	L	L	M	L	
	Truro	VL	VL	M	VL	H	VL	VL	M	M	VL	L	L	M	L	VL	L	L	L	M	L	L	M	M	M	M	M	M	
Midlands	Birmingham	VL	VL	L	VL	M	VL	VL	L	L	VL	L	VL	VL	L	L													
	Leicester	VL	VL	L	VL	M	VL	VL	L	L	VL	L	VL	VL	L	L													
NE England	York	VL	VL	VL	VL	M	VL	VL	VL	L	VL	VL	VL	VL	L	VL	L	VL	VL	L	L								
	Newcastle	VL	VL	VL	VL	M	VL	VL	VL	L	VL	L																	
S / SE England	Salisbury	VL	VL	M	VL	H	VL	VL	M	M	VL	VL	VL	L	L	VL	VL	VL	L	L	L	VL	VL	L	L	L	M	L	
	London	VL	VL	M	VL	M	VL	VL	VL	L	VL	L	VL	VL	L	L													
E England	Lincoln	VL	VL	M	VL	M	VL	VL	L	L	VL	L	L																
	Cambridge	VL	VL	M	VL	M	VL	L	L																				
	Norwich	VL	VL	M	VL	M	VL	L	L																				

## Likelihood of Dry Days

24-hour rain accumulation

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec	
E Scotland	Aberdeen	L	L	H	H	VL	L	H	L	L	L	L	VL	L	L	L	L	L	L	L	L	L	L	L	L	L	M	L	L
	Edinburgh	VL	VL	H	M	VL	M	M	M	M	L	L	L	L	L	L	L	M	M	L	L	L	M	L	L	M	L	L	
NW Scotland	Stornoway	VL	VL	M	VL	VL	L	VL	VL	L	VL	L	L	L	L	L	VL	L	L	L	VL								
	Oban	VL	VL	VH	VL	L	VL	VL	L	VL	L	L	L	L	L	VL	L	L	VL	L									
SW Scotland	Glasgow	VL	VL	H	L	VL	VL	L	L	L	VL	VL	VL	L	VL	L	L	L	L	L	M	L	L	L	L	L	VL	L	
	Dumfries	VL	VL	M	L	VL	VL	M	L	L	L	L	VL	L	L	L	L	L	L	L	M	L	L	L	L	M	L	L	
Northern Ireland	Belfast	VL	L	M	VL	VL	M	H	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	M	VL	M	
	Londonderry	VL	VL	L	VL	VL	L	L	VL	L	L	VL	VL	VL	L	L	L	L	L	L	M	L	L	L	L	L	L	L	
NW England	Keswick	VL	VL	VL	L	VL	VL	VL	VL	VL	L	L	VL	L	L	L	L	L	L	L	M	L	L	L	L	M	L	L	
	Manchester	VL	VL	VL	L	VL	L	L	L	L	L	L	L	L	L	M	L	M	M	M	M	M	M	M	L	L	M	L	L
Wales	Bangor	VL	L	VL	VL	L	L	L	L	L	L	L	M	L	L	L	L	L	L										
	Pembroke	VL	VL	VL	VL	VL	VL	L	VL	VL	VL	VL	VL	VL	L	L	L	L	L	L	L	L	L	L	VL	VL	L	L	
	Cardiff	VL	VL	VL	L	VL	VL	M	VL	VL	L	L	L	L	L	M	M	M	M	M	L	M	L	L	L	L	L	L	
SW England	Taunton	H	M	VL	M	VL	H	H	VL	L	L	L	L	L	M	M	M	M	M	M	L	M	M	L	M	L	L	M	
	Truro	VL	VL	VL	VL	VL	L	L	VL	VL	VL	VL	VL	VL	L	L	L	L	L	L	L	M	L	L	L	L	L	L	
Midlands	Birmingham	H	VL	VL	M	VL	M	H	L	L	L	M	L	L	M	M	M	M	M	M	M	M	M	L	L	M	M	M	
	Leicester	H	VL	VL	M	VL	H	H	L	L	L	M	M	L	M	M	M	M	M	M	M	M	M	M	L	M	M	M	M
NE England	York	VL	VL	L	M	VL	H	H	M	L	L	M	L	M	L	M	M	M	M	M	M	L	M	L	L	M	M	M	
	Newcastle	VL	L	L	L	VL	H	H	L	L	L	M	L	L	L	M	L	M	L	L	L	L	M	L	L	M	L	L	
S / SE England	Salisbury	VL	H	VL	M	VL	L	H	VL	L	L	M	L	L	M	M	M	M	M	M	M	M	M	M	L	M	M	L	L
	London	L	H	VL	M	VL	L	H	L	L	M	M	M	L	M	H	M	M	M	M	M	M	M	M	L	M	M	M	M
E England	Lincoln	L	L	VL	M	VL	M	H	M	L	L	M	L	M	M	M	M	M	M	M	M	M	L	M	M	M	M	M	M
	Cambridge	VH	H	VL	M	VL	M	VH	M	L	L	M	L	L	M	H	M	M	M	M	M	M	M	M	L	M	M	M	M
	Norwich	H	H	VL	VL	VL	M	VH	M	L	L	M	L	L	M	M	M	L	M	M	L	L	M	L	M	M	M	M	M

## Likelihood of Disruptive Winds 24-hour maximum wind gust

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec
E Scotland	Aberdeen	L	M	VL	VL	L	VL																					
	Edinburgh	VL	M	VL																								
NW Scotland	Stornoway	M	M	VL	M	L	L	M	M	L	L	L	L	L	L	L	L	L	L	L	L							
	Oban	M	M	VL																								
SW Scotland	Glasgow	M	M	VL																								
	Dumfries	M	M	VL																								
Northern Ireland	Belfast	M	M	VL																								
	Londonderry	M	M	VL	VL	L	VL																					
NW England	Keswick	M	M	VL	VL	L	VL																					
	Manchester	VL																										
Wales	Bangor	M	M	VL	L	M	VL	L	VL	L	VL																	
	Pembroke	VL	M	VL	VL	M	L	VL	L	L	VL	L	L	L	L	L	VL	VL	L	L	L	L	L	L	L	L	VL	L
	Cardiff	VL	M	VL	VL	L	VL																					
SW England	Taunton	VL	VL	VL	VL	M	VL																					
	Truro	VL	VL	VL	VL	M	VL	VL	VL	VL	VL	L	VL	L	L	VL	VL	VL	VL	L	VL	L	L	L	L	L	L	VL
Midlands	Birmingham	VL	M	VL	VL	L	VL																					
	Leicester	VL	L	VL	VL	L	VL																					
NE England	York	VL																										
	Newcastle	VL																										
S / SE England	Salisbury	VL	VL	VL	VL	L	VL																					
	London	VL	VL	VL	VL	L	VL																					
E England	Lincoln	VL																										
	Cambridge	VL	VL	VL	VL	L	VL																					
	Norwich	VL	VL	VL	VL	L	VL																					

## Likelihood of Disruptive Snow

24-hour snow accumulation

		Thu 27 Nov	Fri 28 Nov	Sat 29 Nov	Sun 30 Nov	Mon 01 Dec	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec	Fri 05 Dec	Sat 06 Dec	Sun 07 Dec	Mon 08 Dec	Tue 09 Dec	Wed 10 Dec	Thu 11 Dec	Fri 12 Dec	Sat 13 Dec	Sun 14 Dec	Mon 15 Dec	Tue 16 Dec	Wed 17 Dec	Thu 18 Dec	Fri 19 Dec	Sat 20 Dec	Sun 21 Dec	Mon 22 Dec	Tue 23 Dec	
E Scotland	Aberdeen	VL																											
	Edinburgh	VL	VL																										
NW Scotland	Stornoway	VL	VL																										
	Oban	VL	L	VL	VL	VL	VL	VL	VL	L	VL	VL																	
SW Scotland	Glasgow	VL	VL																										
	Dumfries	VL	VL																										
Northern Ireland	Belfast	VL	VL																										
	Londonderry	VL	VL																										
NW England	Keswick	VL	VL	VL	VL	VL	L	VL	VL	L	VL	VL																	
	Manchester	VL	VL																										
Wales	Bangor	VL	VL																										
	Pembroke	VL	VL																										
	Cardiff	VL	VL																										
SW England	Taunton	VL	VL																										
	Truro	VL	VL																										
Midlands	Birmingham	VL	VL																										
	Leicester	VL	VL																										
NE England	York	VL	VL																										
	Newcastle	VL	VL																										
S / SE England	Salisbury	VL	VL																										
	London	VL	VL																										
E England	Lincoln	VL	VL																										
	Cambridge	VL	VL																										
	Norwich	VL	VL																										



# Subseasonal Key

Issued 11:00 Thu 27 Nov 2025

## Ensemble forecasting

Most short-range forecasts (first few days) offer fairly accurate and precise site-specific values, but for the medium- and longer-range this level of precision becomes increasingly difficult with any accuracy, due to the naturally increasing uncertainty with longer lead times.

As a result, modern meteorology adopts an *ensemble* forecast approach, whereby the same computer models are run multiple times (referred to as 'members') with slight tweaks in their starting conditions, in order to explore the many possible outcomes that may occur in the days and weeks ahead. Where many of these members predict a similar outcome at a given lead time, a relatively high confidence in the forecast can be inferred; if the spread of outcomes is large with no obvious clustering, then confidence is much lower.

## Impact vs Probability matrix

Our subseasonal guidance utilises 50 ensemble members to assess the likelihood of certain weather conditions occurring going forward in time, from today (Day 1) through to four weeks ahead (Day 28). We have designed specific Impact-Probability matrices to best highlight both the probability of occurrence and the potential significance of such events. For example, a very high likelihood of *slightly above* average temperatures, compared with a medium likelihood of *well-above* average temperatures – the latter will generally have the biggest impact, and hence the matrix has been designed to weigh more heavily towards the more significant events.

For each variable, the highest criteria met by the ensemble data is chosen (VH for one row in the matrix would be chosen over L on another row, since it has a higher value).

Confidence is usually higher at the beginning of the forecast period, and so naturally there will be better clustering and hence more likely to depict values nearer the extreme end of the spectrum (VH). As confidence reduces further out in time, so the signal for extreme events becomes more muted and most variables tend towards white (VL, or M for dry days).

**Note:** Days 1 to 10 are updated daily, Days 11 to 28 twice weekly (Tuesdays and Fridays) – as such, some columns at the end will appear blank until the next twice weekly update.

ABOVE AVERAGE TEMPERATURES					
≥ +10	VL	M	H	VH	VH
≥ +5.0	VL	M	M	H	VH
≥ +2.5	VL	L	M	M	H
≥ +0.5	VL	VL	L	M	M
°C	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

SIGNIFICANT RAIN					
≥ 50	VL	M	H	VH	VH
≥ 25	VL	M	M	H	VH
≥ 12	VL	L	M	M	H
≥ 5	VL	VL	L	M	M
mm	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

DISRUPTIVE WINDS					
≥ 85	VL	M	H	VH	VH
≥ 70	VL	M	M	H	VH
≥ 55	VL	L	M	M	H
≥ 40	VL	VL	L	M	M
mph	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

LIKELIHOOD KEY		
1	VL	Very Low
2	L	Low
3	M	Medium
4	H	High
5	VH	Very High

BELOW AVERAGE TEMPERATURES					
≤ -10	VL	M	H	VH	VH
≤ -5.0	VL	M	M	H	VH
≤ -2.5	VL	L	M	M	H
≤ -0.5	VL	VL	L	M	M
°C	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

DISRUPTIVE SNOW					
≥ 10	VL	M	H	VH	VH
≥ 5	VL	M	M	H	VH
≥ 2	VL	L	M	M	H
≥ 1	VL	VL	L	M	M
cm	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

FROST					
≤ -5	VL	M	H	VH	VH
≤ -2	VL	M	M	H	VH
≤ 0	VL	L	M	M	H
≤ 3	VL	VL	L	M	M
°C	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%

DRY DAY					
≤ 0.5	VL	L	M	H	VH
mm	≥ 0%	≥ 20%	≥ 40%	≥ 60%	≥ 80%