

## Likelihood of Significantly Above-Average Temperatures

24-hour mean temperature deviation from average

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                |
|                  | Edinburgh   | VL               | VL               | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | VL               | VL               | VL               | VL               | L                | VL               | L                | L                | L                | L                |
| NW Scotland      | Stornoway   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | M                | M                | M                | M                | M                | M                | L                | L                | M                | M                | M                | M                | M                | M                | M                | M                |
|                  | Oban        | VL               | VL               | VL               | M                | M                | M                | M                | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               |
| SW Scotland      | Glasgow     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Dumfries    | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Northern Ireland | Belfast     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                |
|                  | Londonderry | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | L                |
| NW England       | Keswick     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               |
|                  | Manchester  | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               |
| Wales            | Bangor      | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Pembroke    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | L                | L                | M                | M                | M                | L                | M                | L                | VL               | L                | M                | M                | M                | M                | M                | M                |
|                  | Cardiff     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | VL               |
| SW England       | Taunton     | VL               | VL               | VL               | L                | L                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                |
|                  | Truro       | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | L                | M                | L                | VL               | L                | L                | VL               | VL               | VL               | L                | L                | M                | L                | L                |
| Midlands         | Birmingham  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                |
|                  | Leicester   | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | L                | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                |
| NE England       | York        | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                |
|                  | Newcastle   | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | L                |
| S / SE England   | Salisbury   | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | London      | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | VL               | VL               |
| E England        | Lincoln     | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | L                | L                | VL               | VL               | L                | L                | L                | L                | VL               | L                | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                |
|                  | Cambridge   | VL               | VL               | VL               | VL               | M                | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | VL               | L                |
|                  | Norwich     | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | L                | L                | VL               | L                | M                | M                | L                | L                | L                | L                | VL               | L                | L                | L                | M                | M                | L                | M                |

## Likelihood of Significantly Below-Average Temperatures

24-hour mean temperature deviation from average

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | M                | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Edinburgh   | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | M                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               |
| NW Scotland      | Stornoway   | M                | M                | M                | M                | VL               | L                | M                | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Oban        | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | M                | L                | L                | L                | VL               | VL               | L                | L                | M                | L                | L                | VL               | L                | L                | L                | L                | L                |
| SW Scotland      | Glasgow     | M                | M                | M                | M                | VL               | VL               | M                | L                | M                | M                | M                | L                | M                | L                | L                | VL               | L                | M                | M                | M                | M                | L                | L                | L                | L                | L                | L                |
|                  | Dumfries    | M                | M                | M                | M                | VL               | VL               | L                | L                | L                | M                | M                | M                | M                | L                | L                | L                | M                | M                | M                | M                | M                | L                | M                | L                | L                | L                | M                |
| Northern Ireland | Belfast     | M                | M                | M                | M                | M                | M                | M                | M                | L                | L                | L                | VL               | L                | VL               | VL               | VL               | VL               | L                | M                | L                | L                | VL               | VL               | VL               | VL               | L                | L                |
|                  | Londonderry | M                | M                | M                | M                | VL               | L                | L                | L                | L                | VL               | M                | L                | L                | VL               | VL               | VL               | VL               | L                | M                | L                | L                | VL               | VL               | VL               | VL               | L                | L                |
| NW England       | Keswick     | H                | H                | H                | M                | M                | M                | M                | M                | M                | M                | M                | L                | L                | VL               | VL               | L                | L                | L                | M                | M                | M                | L                | L                | L                | VL               | L                | L                |
|                  | Manchester  | M                | M                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | M                | L                | VL               | VL               | L                | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | L                | L                |
| Wales            | Bangor      | M                | M                | M                | VL               | VL               | L                | L                | L                | L                | L                | M                | M                | M                | L                | L                | L                | M                | M                | M                | M                | M                | M                | L                | L                | L                | L                | L                |
|                  | Pembroke    | M                | M                | M                | VL               | VL               | M                | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cardiff     | M                | M                | M                | VL               | VL               | M                | L                | L                | L                | L                | L                | L                | L                | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | L                |
| SW England       | Taunton     | M                | M                | L                | VL               | VL               | M                | VL               | VL               | L                | L                | L                | M                | L                | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | L                |
|                  | Truro       | M                | M                | M                | VL               | VL               | M                | L                | L                | L                | VL               | M                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               |
| Midlands         | Birmingham  | M                | M                | M                | M                | VL               | M                | M                | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | L                | L                |
|                  | Leicester   | M                | M                | M                | M                | VL               | VL               | M                | L                | L                | L                | L                | L                | L                | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               |
| NE England       | York        | M                | M                | M                | M                | VL               | VL               | M                | L                | L                | L                | VL               | L                | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Newcastle   | M                | M                | M                | M                | VL               | VL               | L                | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | L                | M                | M                | L                | M                | L                | VL               | VL               | VL               | L                | VL               |
| S / SE England   | Salisbury   | M                | M                | L                | VL               | VL               | M                | L                | L                | L                | L                | M                | M                | M                | L                | L                | L                | L                | L                | L                | M                | M                | L                | L                | L                | VL               | L                | L                |
|                  | London      | M                | M                | VL               | VL               | VL               | VL               | L                | VL               | VL               | L                | L                | L                | L                | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | L                | VL               | VL               | L                | VL               |
| E England        | Lincoln     | M                | M                | L                | M                | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | VL               |
|                  | Cambridge   | M                | M                | VL               | VL               | VL               | VL               | L                | L                | VL               | L                | L                | L                | L                | VL               | VL               | L                | L                | L                | L                | L                | L                | VL               | VL               | VL               | VL               | L                | VL               |
|                  | Norwich     | M                | M                | L                | M                | VL               | VL               | M                | L                | L                | L                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |

## Likelihood of Frost

24-hour minimum air temperature

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Edinburgh   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW Scotland      | Stornoway   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Oban        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW Scotland      | Glasgow     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Dumfries    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Northern Ireland | Belfast     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Londonderry | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW England       | Keswick     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Manchester  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Wales            | Bangor      | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Pembroke    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cardiff     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW England       | Taunton     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Truro       | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Midlands         | Birmingham  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Leicester   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NE England       | York        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Newcastle   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| S / SE England   | Salisbury   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | London      | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| E England        | Lincoln     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cambridge   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Norwich     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |

## Likelihood of Significant Rain

24-hour rain accumulation

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Edinburgh   | VL               | VL               | VL               | M                | L                | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW Scotland      | Stornoway   | M                | M                | VL               | VL               | M                | VL               | VL               | L                | L                | M                | M                | M                | L                | L                | VL               | L                | L                | L                | L                | M                | L                | M                | M                | M                | M                | M                | M                |
|                  | Oban        | H                | M                | M                | M                | M                | L                | L                | L                | M                | M                | M                | M                | M                | M                | L                | M                | L                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                |
| SW Scotland      | Glasgow     | L                | L                | M                | M                | M                | VL               | L                | VL               | L                | M                | M                | M                | M                | L                | VL               | M                | L                | M                | M                | M                | L                | L                | M                | L                | M                | M                | M                |
|                  | Dumfries    | VL               | L                | M                | M                | M                | VL               | L                | VL               | L                | M                | L                | L                | L                | VL               | VL               | L                | VL               | L                | VL               | L                | VL               | L                | M                | VL               | L                | L                | L                |
| Northern Ireland | Belfast     | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | L                | VL               |
|                  | Londonderry | VL               | L                | VL               | M                | L                | VL               | L                | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | L                | L                | L                | VL               | VL               | L                | L                | L                |
| NW England       | Keswick     | H                | M                | H                | M                | H                | M                | M                | L                | M                | M                | L                | L                | VL               | L                | VL               | L                | VL               | L                | VL               | L                | L                | L                | L                | L                | L                | M                | L                |
|                  | Manchester  | M                | VL               | M                | M                | M                | L                | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               |
| Wales            | Bangor      | L                | L                | L                | M                | M                | VL               | M                | VL               | L                | L                | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | VL               | VL               | L                | L                |
|                  | Pembroke    | M                | M                | L                | H                | VL               | VL               | M                | VL               | L                | L                | VL               | VL               | L                | VL               | VL               | VL               | VL               | L                | VL               | VL               | L                | L                | L                | VL               | VL               | L                | L                |
|                  | Cardiff     | M                | M                | M                | H                | L                | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW England       | Taunton     | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Truro       | VL               | L                | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               |
| Midlands         | Birmingham  | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Leicester   | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NE England       | York        | VL               | VL               | VL               | M                | L                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Newcastle   | VL               | VL               | VL               | M                | L                | VL               | L                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| S / SE England   | Salisbury   | VL               | VL               | VL               | M                | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | London      | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| E England        | Lincoln     | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cambridge   | VL               | VL               | VL               | M                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Norwich     | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |

## Likelihood of Dry Days

24-hour rain accumulation

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |   |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|
| E Scotland       | Aberdeen    | VL               | VH               | VL               | VL               | VL               | L                | L                | L                | L                | L                | M                | M                | M                | M                | H                | M                | M                | M                | H                | M                | M                | M                | M                | M                | M                | M                | L                | M |
|                  | Edinburgh   | VL               | L                | VL               | VL               | VL               | L                | L                | L                | L                | L                | M                | M                | M                | M                | M                | M                | M                | L                | M                | M                | M                | M                | M                | M                | M                | M                | L                | M |
| NW Scotland      | Stornoway   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | V |
|                  | Oban        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | L                | VL               | L                | L                | VL               | L                | L                | L                | L                | L                | L                | VL               | L                | L                | L |
| SW Scotland      | Glasgow     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | L                | L                | L                | L                | M                | L                | L                | L                | L                | L                | L                | L                | L                | L                | L                | L |
|                  | Dumfries    | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | L                | L                | L                | L                | M                | L                | L                | M                | M                | L                | L                | M                | L                | M                | M                | M |
| Northern Ireland | Belfast     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | L                | L                | M                | L                | M                | M                | M                | L                | M                | L                | M                | M                | L                | M                | L                | M                | M                | M |
|                  | Londonderry | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | L                | L                | L                | L                | L                | L                | L                | L                | VL               | L                | L                | L                | L                | L |
| NW England       | Keswick     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | M                | L                | M                | L                | L                | L                | L                | L                | L                | L                | L                | M |
|                  | Manchester  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | M                | L                | M                | M                | M                | M                | M                | M                | L                | L                | M                | L                | M                | M                | M                | M |
| Wales            | Bangor      | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | VL               | L                | L                | L                | L                | L                | M                | L                | L                | L                | L                | L                | L                | L                | L                | L                | L                | L |
|                  | Pembroke    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | VL               | L                | L                | L                | M                | M                | M                | M                | L                | M                | M                | L                | M                | L                | M                | L                | M                | L                | M |
|                  | Cardiff     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | H |
| SW England       | Taunton     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | M                | M                | M                | M                | M                | M                | M                | H                | M                | H                | M                | M                | M                | M                | M                | M                | M                | M                | M                | M                | H |
|                  | Truro       | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | L                | L                | L                | L                | L                | L                | M                | M                | M                | L                | M                | L                | L                | L                | L                | M                | L                | L                | M                | M |
| Midlands         | Birmingham  | VL               | VL               | VL               | VL               | VL               | L                | VL               | L                | M                | L                | M                | H                | M                | M                | M                | H                | H                | M                | H                | M                | M                | M                | M                | H                | M                | M                | M                | H |
|                  | Leicester   | VL               | L                | VL               | VL               | VL               | L                | VL               | M                | M                | L                | M                | M                | M                | H                | H                | H                | H                | H                | H                | M                | M                | M                | M                | H                | H                | M                | H                | H |
| NE England       | York        | VL               | M                | VL               | VL               | VL               | L                | L                | M                | M                | L                | M                | M                | M                | M                | M                | M                | M                | M                | H                | H                | M                | M                | M                | M                | M                | M                | M                | M |
|                  | Newcastle   | VH               | H                | VL               | VL               | VL               | H                | L                | M                | L                | L                | M                | M                | M                | M                | M                | M                | H                | M                | H                | M                | M                | M                | M                | M                | M                | M                | M                | M |
| S / SE England   | Salisbury   | VL               | VL               | VL               | VL               | L                | L                | VL               | M                | M                | M                | M                | H                | M                | M                | H                | H                | H                | M                | H                | M                | M                | M                | M                | M                | M                | M                | H                | H |
|                  | London      | VL               | VL               | VL               | VL               | VL               | M                | L                | M                | M                | M                | M                | H                | M                | H                | H                | H                | H                | H                | H                | M                | M                | H                | M                | M                | H                | H                | H                | H |
| E England        | Lincoln     | L                | H                | VL               | VL               | VL               | M                | L                | M                | M                | L                | H                | H                | M                | H                | H                | H                | H                | M                | H                | M                | M                | H                | M                | H                | H                | M                | M                | H |
|                  | Cambridge   | M                | H                | VL               | VL               | L                | M                | VL               | M                | H                | M                | H                | H                | M                | H                | H                | H                | H                | H                | H                | H                | M                | H                | M                | H                | H                | H                | H                | H |
|                  | Norwich     | M                | VH               | L                | VL               | L                | H                | L                | M                | M                | M                | H                | H                | M                | H                | M                | M                | H                | M                | M                | M                | M                | M                | M                | H                | M                | M                | M                | M |

## Likelihood of Disruptive Winds

24-hour maximum wind gust

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Edinburgh   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW Scotland      | Stornoway   | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Oban        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW Scotland      | Glasgow     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Dumfries    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Northern Ireland | Belfast     | VL               | VL               | VL               | L                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Londonderry | M                | VL               | VL               | L                | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW England       | Keswick     | VL               | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Manchester  | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Wales            | Bangor      | VL               | VL               | VL               | M                | M                | VL               | L                | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Pembroke    | M                | VL               | VL               | M                | M                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cardiff     | M                | VL               | VL               | M                | M                | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW England       | Taunton     | VL               | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Truro       | L                | VL               | VL               | M                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Midlands         | Birmingham  | VL               | VL               | VL               | L                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Leicester   | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NE England       | York        | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Newcastle   | VL               | VL               | VL               | VL               | L                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| S / SE England   | Salisbury   | VL               | VL               | VL               | L                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | London      | VL               | VL               | VL               | L                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| E England        | Lincoln     | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cambridge   | VL               | VL               | VL               | L                | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Norwich     | VL               | VL               | VL               | VL               | M                | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |

## Likelihood of Disruptive Snow

24-hour snow accumulation

|                  |             | Thu<br>11<br>Sep | Fri<br>12<br>Sep | Sat<br>13<br>Sep | Sun<br>14<br>Sep | Mon<br>15<br>Sep | Tue<br>16<br>Sep | Wed<br>17<br>Sep | Thu<br>18<br>Sep | Fri<br>19<br>Sep | Sat<br>20<br>Sep | Sun<br>21<br>Sep | Mon<br>22<br>Sep | Tue<br>23<br>Sep | Wed<br>24<br>Sep | Thu<br>25<br>Sep | Fri<br>26<br>Sep | Sat<br>27<br>Sep | Sun<br>28<br>Sep | Mon<br>29<br>Sep | Tue<br>30<br>Sep | Wed<br>01<br>Oct | Thu<br>02<br>Oct | Fri<br>03<br>Oct | Sat<br>04<br>Oct | Sun<br>05<br>Oct | Mon<br>06<br>Oct | Tue<br>07<br>Oct |
|------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| E Scotland       | Aberdeen    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Edinburgh   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW Scotland      | Stornoway   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Oban        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW Scotland      | Glasgow     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Dumfries    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Northern Ireland | Belfast     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Londonderry | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NW England       | Keswick     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Manchester  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Wales            | Bangor      | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Pembroke    | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cardiff     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| SW England       | Taunton     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Truro       | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| Midlands         | Birmingham  | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Leicester   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| NE England       | York        | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Newcastle   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| S / SE England   | Salisbury   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | London      | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
| E England        | Lincoln     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Cambridge   | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |
|                  | Norwich     | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               | VL               |

## 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% |