

September 2021

| Sept<br>2021<br><br>date | Total<br>cloud | Wind                   |                | Present<br>Weather | Visibility | Temperatures (°C) |             |                       |      |       |      |      |      |       | 0900<br>mb<br>Press | state of<br>ground<br>without<br>snow | state of<br>ground<br>with<br>snow | Snow<br>Depth<br>Whole<br>cm | Rainfall<br>09-09h<br>Thrown back<br>mm & 10ths | Sunshine | Weather 00 hrs - 24 hrs |          |         |      |
|--------------------------|----------------|------------------------|----------------|--------------------|------------|-------------------|-------------|-----------------------|------|-------|------|------|------|-------|---------------------|---------------------------------------|------------------------------------|------------------------------|---|----------|-------------------------|----------|---------|------|
|                          |                | Dir.<br>Whole<br>deg.s | speed<br>knots |                    |            | Dry<br>bulb       | Wet<br>bulb | Max<br>thrown<br>Back | Min  | Grass | Conc | Soil |      |       |                     |                                       |                                    |                              |   |          | snow<br>sleet           | Hail/Ice | Thunder | Gale |
|                          |                |                        |                |                    |            |                   |             |                       |      |       |      | 10cm | 30cm | 100cm |                     |                                       |                                    |                              |   |          |                         |          |         |      |
| 01                       | 8              | 050                    | 05             | 02                 | 7          | 13.2              | 11.7        | 17.7                  | 8.5  | 5.8   | 8.0  | 14.7 | 16.8 | 16.5  | 1035                | 0                                     |                                    |                              | TR  | 4.2      | 0                       | 0        | 0       | 0    |
| 02                       | 8              | 070                    | 05             | 20                 | 7          | 14.2              | 12.4        | 19.3                  | 11.7 | 9.7   | 10.8 | 15.2 | 16.7 | 16.5  | 1030                | 0                                     |                                    |                              | 0.0   | 9.3      | 0                       | 0        | 0       | 0    |
| 03                       | 8              | 110                    | 02             | 02                 | 7          | 12.7              | 11.4        | 14.9                  | 9.6  | 6.0   | 8.3  | 15.0 | 16.9 | 16.3  | 1026                | 0                                     |                                    |                              | TR  | 0.0      | 0                       | 0        | 0       | 0    |
| 04                       | 8              | 090                    | 02             | 20                 | 7          | 13.3              | 11.6        | 15.6                  | 10.3 | 7.9   | 9.7  | 14.8 | 16.5 | 16.3  | 1021                | 0                                     |                                    |                              | TR  | 0.0      | 0                       | 0        | 0       | 0    |
| 05                       | 2              | 140                    | 05             | 02                 | 7          | 16.2              | 13.6        | 21.4                  | 10.4 | 5.6   | 7.8  | 14.1 | 16.2 | 16.1  | 1021                | 0                                     |                                    |                              | 1.1   | 8.2      | 0                       | 0        | 0       | 0    |
| 06                       | 8              | 230                    | 02             | 02                 | 5          | 16.3              | 15.7        | 19.8                  | 15.0 | 13.6  | 14.6 | 16.6 | 16.8 | 16.1  | 1022                | 1                                     |                                    |                              | 0.0   | 0.6      | 0                       | 0        | 0       | 0    |
| 07                       | 8              | 160                    | 02             | 02                 | 5          | 15.8              | 15.1        | 25.1                  | 14.0 | 10.5  | 13.4 | 16.8 | 17.0 | 16.0  | 1022                | 0                                     |                                    |                              | 0.0   | 8.0      | 0                       | 0        | 0       | 0    |
| 08                       | 3              | 160                    | 02             | 02                 | 7          | 22.2              | 18.8        | 28.8                  | 14.8 | 11.3  | 13.0 | 17.8 | 17.8 | 16.3  | 1014                | 0                                     |                                    |                              | 1.1   | 10.3     | 0                       | 0        | 0       | 0    |
| 09                       | 7              | 070                    | 02             | 25                 | 7          | 16.8              | 16.3        | 21.0                  | 15.6 | 14.2  | 14.6 | 17.7 | 17.9 | 16.3  | 1010                | 1                                     |                                    |                              | 0.4   | 0.3      | 0                       | 0        | 0       | 0    |
| 10                       | 8              | 200                    | 02             | 02                 | 5          | 18.0              | 17.0        | 21.4                  | 15.4 | 15.2  | 16.0 | 18.0 | 17.9 | 16.5  | 1007                | 1                                     |                                    |                              | 0.7   | 1.1      | 0                       | 0        | 0       | 0    |
| 11                       | 8              | 230                    | 09             | 02                 | 7          | 15.4              | 14.6        | 18.4                  | 15.0 | 14.8  | 15.1 | 17.0 | 18.0 | 16.6  | 1012                | 1                                     |                                    |                              | 0.0   | 2.6      | 0                       | 0        | 0       | 0    |
| 12                       | 8              | 250                    | 02             | 02                 | 8          | 12.0              | 10.9        | 16.1                  | 9.0  | 6.3   | 7.6  | 14.1 | 17.1 | 16.8  | 1019                | 1                                     |                                    |                              | 0.0   | 0.7      | 0                       | 0        | 0       | 0    |
| 13                       | 8              | 070                    | 05             | 02                 | 7          | 12.5              | 11.1        | 14.8                  | 8.3  | 5.8   | 7.3  | 14.2 | 16.6 | 16.4  | 1020                | 0                                     |                                    |                              | TR  | 0.0      | 0                       | 0        | 0       | 0    |
| 14                       | 8              | 050                    | 02             | 60                 | 7          | 13.9              | 13.1        | 16.9                  | 12.0 | 11.5  | 12.0 | 14.5 | 16.3 | 16.4  | 1015                | 1                                     |                                    |                              | TR  | 0.1      | 0                       | 0        | 0       | 0    |
| 15                       | 2              | 140                    | 02             | 02                 | 7          | 13.8              | 11.8        | 20.6                  | 7.9  | 5.2   | 7.0  | 13.1 | 16.1 | 16.2  | 1015                | 1                                     |                                    |                              | 0.0   | 8.8      | 0                       | 0        | 0       | 0    |
| 16                       | 4              | 250                    | 05             | 02                 | 8          | 14.1              | 12.6        | 19.0                  | 11.8 | 10.3  | 11.1 | 15.3 | 16.3 | 16.1  | 1016                | 0                                     |                                    |                              | 0.0   | 7.5      | 0                       | 0        | 0       | 0    |
| 17                       | 5              | 180                    | 05             | 02                 | 7          | 15.7              | 13.1        | 20.0                  | 13.2 | 8.9   | 12.0 | 15.5 | 16.4 | 16.0  | 1011                | 0                                     |                                    |                              | 0.7   | 5.8      | 0                       | 0        | 0       | 0    |
| 18                       | 8              | 270                    | 02             | 50                 | 5          | 13.6              | 13.5        | 18.1                  | 13.1 | 13.2  | 13.9 | 15.9 | 16.6 | 16.0  | 1012                | 1                                     |                                    |                              | 6.1   | 0.6      | 0                       | 0        | 0       | 0    |
| 19                       | 6              | 160                    | 02             | 02                 | 7          | 15.2              | 14.1        | 16.3                  | 13.0 | 12.6  | 13.3 | 15.4 | 16.7 | 16.1  | 1012                | 1                                     |                                    |                              | 4.0   | 2.2      | 0                       | 0        | 0       | 0    |
| 20                       | 1              | 230                    | 02             | 02                 | 8          | 10.2              | 9.5         | 18.0                  | 6.2  | 2.3   | 3.8  | 10.7 | 15.9 | 16.0  | 1024                | 1                                     |                                    |                              | 0.2   | 8.2      | 0                       | 0        | 0       | 0    |
| 21                       | 8              | 230                    | 09             | 02                 | 5          | 13.2              | 12.4        | 18.0                  | 10.1 | 7.7   | 9.3  | 13.2 | 15.7 | 15.8  | 1025                | 1                                     |                                    |                              | 0.0   | 3.0      | 0                       | 0        | 0       | 0    |
| 22                       | 7              | 230                    | 09             | 02                 | 8          | 15.2              | 13.7        | 18.4                  | 12.8 | 12.5  | 13.3 | 13.3 | 15.8 | 15.8  | 1024                | 0                                     |                                    |                              | 1.0   | 2.3      | 0                       | 0        | 0       | 0    |
| 23                       | 8              | 230                    | 13             | 02                 | 7          | 13.2              | 11.8        | 15.9                  | 12.2 | 10.8  | 11.1 | 11.1 | 15.7 | 15.8  | 1015                | 1                                     |                                    |                              | TR  | 0.0      | 0                       | 0        | 0       | 0    |
| 24                       | 8              | 230                    | 09             | 02                 | 6          | 15.9              | 15.3        | 18.7                  | 13.0 | 12.0  | 12.5 | 12.5 | 15.4 | 15.5  | 1009                | 1                                     |                                    |                              | TR  | 1.2      | 0                       | 0        | 0       | 0    |
| 25                       | 8              | 200                    | 02             | 02                 | 7          | 15.9              | 14.4        | 19.4                  | 13.6 | 11.3  | 12.1 | 12.1 | 15.7 | 15.6  | 1012                | 1                                     |                                    |                              | TR  | 0.1      | 0                       | 0        | 0       | 0    |
| 26                       | 8              | 160                    | 02             | 02                 | 6          | 16.6              | 15.5        | 20.1                  | 14.8 | 10.7  | 12.2 | 12.2 | 15.8 | 15.6  | 1006                | 0                                     |                                    |                              | 20.1  | 3.7      | 0                       | 0        | 0       | 0    |
| 27                       | 8              | 250                    | 09             | 62                 | 6          | 9.0               | 8.8         | 14.2                  | 8.8  | 8.8   | 9.5  | 9.5  | 16.0 | 15.4  | 994                 | 1                                     |                                    |                              | 2.5   | 5.0      | 0                       | 0        | 0       | 0    |
| 28                       | 8              | 140                    | 09             | 63                 | 5          | 9.1               | 8.7         | 13.2                  | 8.3  | 6.0   | 6.5  | 11.0 | 14.9 | 15.5  | 1010                | 1                                     |                                    |                              | 12.5  | 0.8      | 0                       | 0        | 0       | 0    |
| 29                       | 3              | 230                    | 05             | 02                 | 8          | 9.1               | 8.5         | 13.4                  | 5.9  | 2.8   | 4.6  | 8.4  | 14.1 | 15.3  | 1015                | 1                                     |                                    |                              | 0.8   | 5.6      | 0                       | 0        | 0       | 0    |
| 30                       | 7              | 160                    | 19             | 02                 | 7          | 11.9              | 10.8        | 15.3                  | 7.0  | 3.2   | 4.8  | 10.7 | 13.4 | 15.0  | 1008                | 1                                     |                                    |                              | 13.2  | 0.1      | 0                       | 0        | 0       | 0    |
|                          |                |                        |                |                    |            |                   |             |                       |      |       |      |      |      |       |                     |                                       |                                    |                              |   |          |                         |          |         |      |

# September 2021

|       |  | Max   | Min   | Grass | Conc  | 10cm | 30cm | 100cm | Press |          |      |       |      |    |      |   |
|-------|--|-------|-------|-------|-------|------|------|-------|-------|----------|------|-------|------|----|------|---|
| Total |  | 549.8 | 341.3 | 276.5 | 315.2 |      |      |       |       | Rainfall | Sun  | SI/Sn | Hail | Th | Gale |   |
| Mean  |  | 18.3  | 11.4  | 9.2   | 10.5  | 14.0 | 16.3 | 16.0  | 1016  |          | 64.4 | 100.3 | 0    | 0  | 0    | 0 |
|       |  |       |       |       |       |      |      |       |       |          |      | 3.3   |      |    |      |   |

|                |      |     |      |
|----------------|------|-----|------|
| Highest max °C | 28.8 | on: | 8th  |
| Lowest max °C  | 13.2 | on: | 28th |
| Lowest min °C  | 5.9  | on: | 29th |
| Highest min °C | 15.6 | on: | 9th  |
| Grass Min °C   | 2.3  | on: | 20th |

| Number of days with:     |   |
|--------------------------|---|
| Air min below 0.0°C      | 0 |
| Grass min below 0.0°C    | 0 |
| Concrete min below 0.0°C | 0 |

| Rainfall                            | Total | %    | 20yr Avg |
|-------------------------------------|-------|------|----------|
|                                     | 64.4  | 74.5 |          |
| Greatest fall in 24 hrs 09-09h:     | 20.1  | On:  | 26th     |
| Number of days with 0.2 mm or more: | 14    |      |          |
| Number of days with 1.0 mm or more: | 9     |      |          |
| Number of days with 5.0 mm or more: | 4     |      |          |

| Diff        |      | Wind Direction 0900hrs |   |    |   |    |   |    |   |    |      |
|-------------|------|------------------------|---|----|---|----|---|----|---|----|------|
| Mean Max °C | 18.3 | +1.6                   | N | NE | E | SE | S | SW | W | NW | Calm |
| Mean Min °C | 11.4 | +1.8                   | 0 | 5  | 1 | 9  | 1 | 13 | 1 | 0  | 0    |
| Mean °C     | 14.9 | +1.8                   |   |    |   |    |   |    |   |    |      |

|                 |
|-----------------|
| Max Gust        |
| 35mph 22nd      |
| Mean Wind Speed |
| 6.1mph          |

|                |
|----------------|
| Fog at 0900hrs |
| 0              |

| Sunshine    |             |
|-------------|-------------|
| Total       | 100.3       |
| Sunniest    | 10.3hrs 8th |
| Days no sun | 4           |

| Pressure |        |        |
|----------|--------|--------|
| Mean     | 1016   | at obs |
| High     | 1035.7 | 1st    |
| Low      | 993.6  | 26th   |

September 2021- At first a very dry and warm month, peaking on the 8th with a high of 28.8c, making it the warmest September day on record, it remained on the dry side until 18th when the first proper rain arrived. But it wasn't until the 26th when 20.1mm fell things started to pick up. That fall was the wettest day since 2nd February and the 3rd wettest day of the year so far. 56% of the months rainfall fell in the last 5 days. Mean temperatures were well above normal, making September 2021 the second warmest behind 2006. 28