

### Tideswell - July

| Year           | Temperature |          |           |             |            |            |             |                  | Frost            |                     |                        | Days with max temp in range |               |              |         |         |           |           |           |           |           |           |
|----------------|-------------|----------|-----------|-------------|------------|------------|-------------|------------------|------------------|---------------------|------------------------|-----------------------------|---------------|--------------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
|                | Mean max    | Mean min | Mean temp | Highest max | Lowest max | Lowest min | Highest min | Lowest grass min | No of Air frosts | No of Ground frosts | Frost duration (hours) | -15.0 to -10.1              | -10.0 to -5.1 | -5.0 to -0.1 | 0.0-4.9 | 5.0-9.9 | 10.0-14.9 | 15.0-19.9 | 20.0-24.9 | 25.0-29.9 | 30.0-34.9 | 35.0-39.9 |
| 2018           | 24.7        | 12.1     | 18.4      | 30.3        | 18.8       | 8.7        | 15.5        | 5.6              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 0         | 2         | 14        | 14        | 1         |           |
| 2017           | 20.1        | 10.8     | 15.4      | 28.1        | 15.0       | 7.8        | 13.9        | 5.5              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 0         | 15        | 15        | 1         | 0         |           |
| 2016           | 19.4        | 11.5     | 15.5      | 30.8        | 15.4       | 4.3        | 17.9        | 2.1              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 0         | 23        | 4         | 3         | 1         |           |
| 2015           | 18.8        | 10.1     | 14.4      | 31.1        | 13.9       | 4.0        | 15.6        | 0.8              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 4         | 20        | 5         | 1         | 1         |           |
| 2014           | 21.9        | 11.4     | 16.7      | 27.3        | 18.2       | 6.4        | 15.8        | 2.9              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 0         | 11        | 12        | 8         | 0         |           |
| 2013           | 23.3        | 12.0     | 17.7      | 29.2        | 14.7       | 6.2        | 15.4        | 3.8              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 1         | 5         | 14        | 11        | 0         |           |
| 2012           | 18.2        | 10.8     | 14.5      | 27.6        | 13.2       | 6.2        | 14.7        | 2.9              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 6         | 16        | 8         | 1         | 0         |           |
| 2011           | 19.3        | 9.5      | 14.4      | 24.6        | 14.3       | 5.1        | 12.5        | 2.4              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 1         | 18        | 12        | 0         | 0         |           |
| 2010           | 19.2        | 11.9     | 15.5      | 24.4        | 13.1       | 6.9        | 15.6        | 4.2              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 3         | 15        | 13        | 0         | 0         |           |
| 2009           | 18.7        | 10.9     | 14.8      | 27.5        | 14.8       | 6.0        | 17.2        |                  | 0                | 0                   | 0.0                    |                             |               |              |         |         | 1         | 22        | 6         | 2         | 0         |           |
| <b>Highest</b> | 24.7        | 12.1     | 18.4      | 31.1        | 18.8       | 8.7        | 17.9        | 5.6              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 6         | 23        | 15        | 14        | 1         |           |
| <b>Mean</b>    | 20.4        | 11.1     | 15.7      | 28.1        | 15.1       | 6.2        | 15.4        | 3.4              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 2         | 15        | 10        | 4         | 0         |           |
| <b>Lowest</b>  | 18.2        | 9.5      | 14.4      | 24.4        | 13.1       | 4.0        | 12.5        | 0.8              | 0                | 0                   | 0.0                    |                             |               |              |         |         | 0         | 2         | 4         | 0         | 0         |           |

### Tideswell - July

| Year    | Rain                |                       |                           |                          | Snow/sleet   |                   |                     |                 | Sunshine      |                      |                  | Pressure    | Days with |      |            |
|---------|---------------------|-----------------------|---------------------------|--------------------------|--------------|-------------------|---------------------|-----------------|---------------|----------------------|------------------|-------------|-----------|------|------------|
|         | Total rainfall (mm) | Wettest (09-09z) (mm) | Rain days (0.2mm or more) | Wet days (1.0mm or more) | Days Falling | 50%+ lying at 09z | Deepest at 09z (cm) | Eden snow index | Total (hours) | Sunniest day (hours) | Days with no sun | Mean at 09z | Thunder   | Hail | Fog at 09z |
| 2018    | 36.2                | 10.5                  | 8                         | 6                        | 0            | 0                 | 0                   | 0               | 193.6         | 13.5                 | 1                | 1015.9      | 1         | 0    | 0          |
| 2017    | 85.4                | 14.5                  | 21                        | 14                       | 0            | 0                 | 0                   | 0               | 91.6          | 12.7                 | 2                | 1012.7      | 0         | 0    | 0          |
| 2016    | 61.6                | 11.3                  | 15                        | 14                       | 0            | 0                 | 0                   | 0               | 88.6          | 12.1                 | 4                | 1014.9      | 1         | 0    | 0          |
| 2015    | 43.2                | 14.7                  | 11                        | 9                        | 0            | 0                 | 0                   | 0               | 109.7         | 10.0                 | 2                | 1012.1      | 4         | 0    | 0          |
| 2014    | 50.3                | 14.5                  | 10                        | 7                        | 0            | 0                 | 0                   | 0               | 163.7         | 12.0                 | 0                | 1014.9      | 2         | 0    | 0          |
| 2013    | 170.3               | 89.1                  | 10                        | 8                        | 0            | 0                 | 0                   | 0               | 183.2         | 13.3                 | 3                | 1019.4      | 4         | 0    | 1          |
| 2012    | 151.6               | 21.8                  | 23                        | 18                       | 0            | 0                 | 0                   | 0               | 82.8          | 10.1                 | 6                | 1011.8      | 2         | 0    | 0          |
| 2011    | 72.4                | 34.7                  | 10                        | 10                       | 0            | 0                 | 0                   | 0               | 121.9         | 13.6                 | 0                | 1012.2      | 0         | 0    | 0          |
| 2010    | 86.6                | 12.3                  | 18                        | 16                       | 0            | 0                 | 0                   | 0               |               |                      |                  | 1012.7      | 0         | 0    | 0          |
| 2009    | 162.1               | 24.8                  | 26                        | 22                       | 0            | 0                 | 0                   | 0               |               |                      |                  | 1009.2      |           |      |            |
| Highest | 170.3               | 89.1                  | 26                        | 22                       | 0            | 0                 | 0                   | 0               | 193.6         | 13.6                 | 6                | 1019.4      | 4         | 0    | 1          |
| Mean    | 92.0                | 24.8                  | 15                        | 12                       | 0            | 0                 | 0                   | 0               | 129.4         | 12.2                 | 2                | 1013.6      | 2         | 0    | 0          |
| Lowest  | 36.2                | 10.5                  | 8                         | 6                        | 0            | 0                 | 0                   | 0               | 82.8          | 10.0                 | 0                | 1009.2      | 0         | 0    | 0          |

### Tideswell - July

| Year    | Wind            |                      |     |               |                | Wind direction at 09z |     |    |     |   |     |    |     |   |     |    |     |   |     |    |     |      |
|---------|-----------------|----------------------|-----|---------------|----------------|-----------------------|-----|----|-----|---|-----|----|-----|---|-----|----|-----|---|-----|----|-----|------|
|         | Mean speed (kt) | Max 10-min mean (kt) |     | Max gust (kt) | Days with gale | N                     | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW | Calm |
|         |                 |                      |     |               |                |                       |     |    |     |   |     |    |     |   |     |    |     |   |     |    |     |      |
| 2018    | 4.2             | 23                   | SSE | 35            | 0              | 2                     | 0   | 0  | 3   | 0 | 1   | 1  | 7   | 2 | 1   | 3  | 0   | 2 | 5   | 0  | 4   | 0    |
| 2017    | 4.0             | 17                   | SSE | 33            | 0              | 1                     | 0   | 0  | 1   | 1 | 1   | 0  | 2   | 4 | 6   | 2  | 0   | 1 | 3   | 5  | 1   | 3    |
| 2016    | 3.6             | 12                   | SW  | 25            | 0              | 0                     | 0   | 0  | 0   | 0 | 0   | 0  | 3   | 3 | 3   | 7  | 1   | 2 | 6   | 2  | 1   | 3    |
| 2015    | 2.0             | 12                   | SW  | 25            | 0              | 0                     | 0   | 0  | 1   | 2 | 0   | 0  | 4   | 2 | 6   | 4  | 0   | 0 | 1   | 10 | 1   | 0    |
| 2014    | 3.5             | 14                   | ENE | 24            | 0              | 2                     | 0   | 1  | 1   | 4 | 1   | 1  | 0   | 2 | 2   | 1  | 2   | 0 | 7   | 4  | 2   | 1    |
| 2013    | 3.7             | 17                   | SSE | 31            | 0              | 1                     | 0   | 0  | 4   | 4 | 1   | 1  | 2   | 3 | 3   | 4  | 1   | 2 | 4   | 0  | 0   | 1    |
| 2012    | 3.8             | 12                   | SSW | 25            | 0              | 4                     | 3   | 0  | 0   | 4 | 0   | 0  | 3   | 0 | 6   | 2  | 1   | 1 | 3   | 4  | 0   | 0    |
| 2011    | 4.6             | 16                   | SSE | 30            | 0              | 2                     | 4   | 1  | 0   | 0 | 0   | 2  | 5   | 2 | 2   | 1  | 0   | 1 | 5   | 6  | 0   | 0    |
| 2010    | 3.7             | 21                   | SSW | 36            | 0              | 1                     | 0   | 0  | 1   | 0 | 0   | 0  | 1   | 3 | 9   | 5  | 2   | 1 | 0   | 6  | 2   | 0    |
| 2009    | 2.8             | 14                   | NNW | 31            | 0              | 1                     | 0   | 0  | 0   | 1 | 0   | 0  | 2   | 8 | 12  | 0  | 0   | 0 | 2   | 4  | 1   | 0    |
| Highest | 4.6             | 23                   |     | 36            | 0              | 4                     | 4   | 1  | 4   | 4 | 1   | 2  | 7   | 8 | 12  | 7  | 2   | 2 | 7   | 10 | 4   | 3    |
| Mean    | 3.6             | 16                   |     | 30            | 0              | 1                     | 1   | 0  | 1   | 2 | 0   | 1  | 3   | 3 | 5   | 3  | 1   | 1 | 4   | 4  | 1   | 1    |
| Lowest  | 2.0             | 12                   |     | 24            | 0              | 0                     | 0   | 0  | 0   | 0 | 0   | 0  | 0   | 0 | 1   | 0  | 0   | 0 | 0   | 0  | 0   | 0    |