

**Daily observations - Tideswell - October 2020**

| Date             | Max temp | Min temp | Grass min temp | Rain (mm) | Snow depth at 0900z | MSLP at 0900z | Total cloud at 0900z | Wind direction at 0900z | Max 10-min mean wind (kt) | Max Gust (kt) | Frost duration (hours) | Sun (hours) | Remarks  |
|------------------|----------|----------|----------------|-----------|---------------------|---------------|----------------------|-------------------------|---------------------------|---------------|------------------------|-------------|--|
| 1                | 12.4     | 6.8      | 3.1            | 0.1       |                     | 996.5         | 5                    | WNW                     | 7                         | W             | 14                     | 2.5         | A very pleasant day with broken cloud and sunny intervals after a few overnight showers.                             |
| 2                | 12.9     | 3.6      | 0.0            | 4.9       |                     | 993.7         | 8                    | N                       | 16                        | ENE           | 31                     | nil         | A cloudy, breezy day with a few slight showers.  |
| 3                | 12.2     | 8.8      | 10.2           | 29.5      |                     | 990.9         | 8                    | N                       | 10                        | N             | 19                     | nil         | Rain overnight, sometimes mod/hvy.   |
| 4                | 13.0     | 7.7      | 7.8            | 1.1       |                     | 979.2         |                      | ENE                     | 12                        | ENE           | 21                     | 1.4         |  |
| 5                | 14.1     | 8.1      | 4.3            | 15.1      |                     | 991.3         |                      | WNW                     | 10                        | SW            | 21                     | 1.1         |  |
| 6                | 12.2     | 7.8      | 5.1            | 5.5       |                     | 992.9         |                      | SW                      | 10                        | WNW           | 21                     | 0.5         |  |
| 7                | 13.3     | 8.5      | 6.1            | 27.5      |                     | 1009.6        |                      | WSW                     | 12                        | WSW           | 22                     | 1.9         |  |
| 8                | 11.8     | 7.9      | 7.7            | 0.4       |                     | 1005.6        |                      | N                       | 14                        | N             | 19                     | 1.8         |  |
| 9                | 9.8      | 4.8      | 0.2            | 10.7      |                     | 1014.9        | 7                    | SW                      | 10                        | WSW           | 21                     | 1.6         | After a dry start it was a mostly cloudy day with fairly frequent showers, mostly slight but briefly mod/hvy.        |
| 10               | 12.1     | 3.5      | -0.6           | 1.8       |                     | 1018.7        | 8                    | NW                      | 12                        | WNW           | 27                     | 1.1         | Slight to moderate rain overnight and into the morning.  |
| 11               | 12.0     | 3.9      | 0.3            | 0.1       |                     | 1025.8        | 4                    | W                       | 7                         | NW            | 13                     | 2.1         | A dry day. After a fine, crisp start it turned out rather cloudy with only occasional sunny intervals Excellent vis. |
| 12               | 9.7      | 5.8      | 2.8            | 1.6       |                     | 1018.6        | 8                    | WSW                     | 9                         | SSW           | 19                     | nil         |  |
| 13               | 9.4      | 3.6      | 0.2            | 6.8       |                     | 1010.6        | 3                    | N                       | 12                        | N             | 21                     | 2.9         | Foggy start. Bkn cld with sunny periods till mid-morn then cldy with rain, sometimes mod/hvy, for rest of day.       |
| 14               | 12.1     | 6.2      | 5.8            | 0.1       |                     | 1024.9        | 7                    | NE                      | 12                        | ENE           | 19                     | 0.9         |  |
| 15               | 10.2     | 3.7      | -1.1           | 1.8       |                     | 1027.7        | 5                    | N                       | 9                         | N             | 17                     | 3.2         |  |
| 16               | 9.9      | 3.6      | -0.8           | 0.2       |                     | 1027.3        | 8                    | NNE                     | 9                         | ENE           | 18                     | 0.1         | A dry, cloudy, quiet day with exceptionally good visibility.   |
| 17               | 11.4     | 5.6      | 4.8            | 0.4       |                     | 1023.3        | 7                    | N                       | 7                         | ENE           | 13                     | 0.8         | A cloudy day with spells of slight rain and drizzle.   |
| 18               | 9.4      | 6.6      | 2.8            | nil       |                     | 1024.5        | 8                    | NE                      | 5                         | ESE           | 11                     | nil         | Dry, quiet, grey and gloomy all day.   |
| 19               | 11.6     | 5.2      | -0.1           | 3.0       |                     | 1015.0        | 8                    | SSE                     | 16                        | SSE           | 24                     | nil         |  |
| 20               | 15.1     | 7.6      | 7.2            | 2.3       |                     | 997.7         | 7                    | SSE                     | 17                        | SSE           | 22                     | 1.3         | Overnight rain ceased around 0600. Mostly dry but cldy after that with a few sunny ints and a couple of shwrs.       |
| 21               | 13.6     | 11.6     | 9.4            | 0.8       |                     | 993.3         | 8                    | SSE                     | 12                        | SSE           | 19                     | nil         | Early fog and drizzle. Cloudy all day with occasional rain, mostly slight but briefly mod/hvy late afternoon.        |
| 22               | 10.2     | 7.2      | 5.2            | 0.1       |                     | 1003.8        | 3                    | SW                      | 16                        | WSW           | 25                     | 1.9         | Sunny periods for a while in the morning then cloudy with a few slight showers.                                      |
| 23               | 9.7      | 2.0      | -3.6           | 0.9       |                     | 1004.7        | 8                    | SSW                     | 10                        | WSW           | 19                     | 0.9         | Cloudy till early afternoon with occasional slight rain then dry with a few sunny intervals developing.              |
| 24               | 11.7     | 4.1      | -1.9           | 8.6       |                     | 997.4         | 8                    | SSE                     | 17                        | SSE           | 30                     | nil         | Occasional slight rain till late morning then continuous rain, mod to hvy at times, in afternoon.                    |
| 25               | 10.3     | 4.9      | 0.8            | 1.2       |                     | 991.8         |                      | S                       | 12                        | SSW           | 24                     | 4.6         |  |
| 26               | 10.1     | 4.2      | -1.6           | 15.5      |                     | 991.8         |                      | S                       | 14                        | WSW           | 25                     | 0.4         |  |
| 27               | 10.1     | 3.9      | -0.3           | 4.4       |                     | 994.6         |                      | SSE                     | 14                        | SSE           | 24                     | nil         |  |
| 28               | 8.9      | 4.8      | 3.0            | 1.6       |                     | 996.7         |                      | S                       | 12                        | SSW           | 21                     | 2.0         |  |
| 29               | 13.2     | 5.1      | 1.4            | 5.4       |                     | 1008.1        |                      | SSE                     | 16                        | SSW           | 29                     | nil         |  |
| 30               | 13.6     | 6.8      | 10.7           | 3.3       |                     | 1009.1        | 8                    | SSW                     | 14                        | SSW           | 27                     | nil         |  |
| 31               | 12.4     | 5.8      | 1.5            | 5.9       |                     | 1003.0        | 8                    | SSE                     | 31                        | SSE           | 44                     | 1.1         | Spells of rain a.m. Cold front at 1300 with a burst of torrential rain. Cloudy and mostly dry in afternoon. Windy.   |
| <b>Total</b>     |          |          |                | 160.6     |                     |               |                      |                         |                           |               | 0.0                    | 34.1        |  |
| <b>Mean</b>      | 11.6     | 5.8      | 2.9            |           |                     | 1005.9        | 7                    |                         |                           |               |                        |             | Dull, wet and rather cool sums the month up very well. The sunshine total of 34.1 hours is the lowest in             |
| <b>Highest</b>   | 15.1     | 11.6     | 10.7           |           |                     |               |                      |                         | 31                        | 44            |                        |             | October in the 12 years that I have been recording here. Despite it being a rather cool month there was no air       |
| <b>Lowest</b>    | 8.9      | 2.0      | -3.6           |           |                     |               |                      |                         | 5                         | 11            |                        |             | frost. Air frosts occur here in October approximately one year in every two, on average. Air frost did occur in      |
| <b>Mean temp</b> | 8.7      |          |                |           |                     |               |                      |                         |                           |               |                        |             | the Octobers of 2017, 2018 and 2019 so we were due a frost-free October.   |