### Meteorology for October, 1876.

**Private Observatory, Hobart Town.**

**Latitude 42° 52' 13" S. ; Longitude 29° 40' 29" E.**

(Registered for the Royal Society of Tasmania)

#### Table of Observations

<table>
<thead>
<tr>
<th>Date</th>
<th>Mean Press</th>
<th>Mean M° Tem.</th>
<th>Mean of 75 for 7 a.m.</th>
<th>Mean of 75 for 8 a.m.</th>
<th>Mean of 75 for 10 a.m.</th>
<th>Mean of 75 for 12 m.</th>
<th>Mean of 75 for 2 p.m.</th>
<th>Mean of 75 for 3 p.m.</th>
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<tbody>
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<td>29.229</td>
<td>65-50</td>
<td>65-70</td>
<td>67-77</td>
<td>77</td>
<td>77</td>
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#### Weather Observations

- **Prevailing Character:** K & kN
- **Greatest Force:** 20-83
- **Least Force:** 0

#### Observations and Calculations

- **Temperature:** Mean of 2 daily readings, corrected and reduced.
- **Wind Force:** Mean of 2 daily observations, 0-93.
- **Clouds:** Mean of 2 daily readings, 0-93.
- **Evaporation:** Mean of 2 daily observations, 0-93.
- **Temperature:** Mean of 2 daily observations, 0-93.
- **Wind Force:** Mean of 2 daily observations, 0-93.
- **Horizontal Movement:** 2.670 miles.
- **Electricity:** 47 observations, 22 negative, 11 positive, 14 nil.

**FRANCIS ABBOTT, F.R.A.S., etc.**

**Time of Leafing, Flowering and Fruiting of a Few Standard Plants in the Royal Society's Gardens during October, 1876.**

- 7th. Carpinus betulus commencing to leaf.
- 10th. Allanthus glandulosus ditto.
- 11th. Tilia Europaea ditto.
- 26th. Elm seeds commencing to shed.
- 27th. Melia azedarach commencing to leaf.

**F. ABBOTT, JUN., Superintendent.**

**Results of Observations taken at New Norfolk for October, 1876, in accordance with new forms, and registered at 7:30 a.m. and 4:30 p.m.:—**

- **Barometer:** Mean of 2 daily readings, corrected and reduced.
- **Thermometer:** Mean of 2 ditto, 54-786deg ; mean of maximum and minimum.
- **Dew Point:** Mean of 2 daily readings, 47-80deg.
- **Relative Humidity:** Mean of 2 daily observations, 0-93.
- **Humidity:** Mean of 2 daily observations, 0-93.
- **Solar Intensity:** Mean of maximum temperature, 120-00deg.
- **Terrestrial Radiation:** Mean of minimum temperature, 40-83deg.
- **Rainfall:** 216in.
- **Evaporation:** 543in ; in excess of rainfall, 3-32in.
- **Clouds:** Mean of 2 daily registers, 0-93.
- **Ozone:** Mean of 2 daily observations, 0-93.
- **Wind Force:** Mean of 2 daily observations, 0-93.
- **Horizontal Movement:** 2.670 miles.
- **Electricity:** 47 observations, 22 negative, 11 positive, 14 nil.

**W. E. SHOOBRIDGE, Valleyfield.**

**Rainfall at Hill Station 1550ft. above sea level, 3-76in.**