### METEOROLOGY FOR FEBRUARY, 1876.

**PRIVATE OBSERVATORY, HOBART TOWN.**

Latitude 42° 52' 15" S., Longitude 90° 40' 26" E.

Registered for the Royal Society of Tasmania.

<table>
<thead>
<tr>
<th>Date of Month</th>
<th>Thermometer Reading</th>
<th>Thermometer Self-Registering</th>
<th>Relative Humidity</th>
<th>Clouds</th>
<th>Wind</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>95</td>
<td>110</td>
<td>72.5</td>
<td>50</td>
<td>2.60</td>
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<tr>
<td>26</td>
<td>94</td>
<td>100</td>
<td>72.5</td>
<td>50</td>
<td>2.60</td>
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<td>93</td>
<td>99</td>
<td>72.5</td>
<td>50</td>
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</tr>
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<td>28</td>
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<td>98</td>
<td>72.5</td>
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**Mean Press.** 29.11

**Mean Min. Temp.** 32.90

**Mean Mean.** 61.32

**Mean Max.** 67.53

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**Mean Min. Temp.** 32.90

**Mean Mean.** 61.32

**Mean Max.** 67.53

**Greatest Day.** Max. 30.92

**Max. 10° 0'.** 84.0

**Max. 10° 0'.** 87.50

**Max. 10° 0'.** 95.0

**Least Day.** Min. 23.03

**Min. 10° 0'.** 47.0

**Min. 10° 0'.** 62.50

**Min. 10° 0'.** 70.0

**Mean for Month.** 60.21

**Mean Force.** 1.02

**Tl. Tl. Mean.** 54.01

**10th.** — Ash commencing to shed seed.

**20th.** — Sycamore ditto ditto.

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F. ABBOTT, JR., Superintendent.

Results of observation taken at New Norfolk February, 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: 29.901 in.
- **Thermometer,** mean of 3 in shade, 62°06' deg. F.
- **Ditto, ditto,** 10°6' deg Centigrade.
- **Dew point, mean position of 2 ditto,** 56°43' deg.
- **Elastic force of vapour mean, of 2 ditto,** 372.
- **Humidity mean, of 2 ditto,** 97.
- **Solar intensity, mean of maximum temperature, 132-56 deg.
- **Terrestrial radiation, mean of minimum temperature, 49-06 deg.
- **Rainfall,** 738 in.
- **Evaporation,** 074 in. In excess of rainfall, 074 in.
- **Ozone, mean amount of 2 ditto registers,** 6.15.
- **Clouds, mean ditto, 2 ditto ditto,** 4.34.
- **Wind, force in lbs. per square foot, mean of 2.114 lbs.
- **Ditto, horizontal movement,** 6715 miles.

W. E. SHOODBURY.

Valleyfield.