

METEOROLOGICAL.

Results of observations taken at New Norfolk, Tasmania, for September, 1879, in accordance with new forms, at 7.30 a.m. and 4.30 p.m.:—

Barometer.—Mean of two daily readings, corrected and reduced, 29.977 inches.

Thermometer.—Mean of two ditto, 50.65deg.

„ Mean of max. and min. in shade, 51.33deg.

„ Highest in shade, 71deg. on 8th.

„ Lowest, do., 33deg. on 20th and 29th.

Dew Point.—Mean position of two ditto, 41.54deg.

Elastic Force of Vapour.—Mean of two ditto, .263.

Humidity of Air.—Mean of two ditto, .71.

Solar Intensity.—Mean of max. temperature, 119.36deg.

„ Highest, 133deg. on 17th.

Terrestrial Radiation.—Mean of min. temperature, 33.63deg.

„ Lowest, 26deg. on 20th.

Rainfall —1.35 inches; do., September, 1878, 3.16 inches; do. September, 1877, .50 inches. Total this year, 11.19 inches; do. to same time in 1878, 18.39 inches; to same in 1877, 15.47 inches; in 1876, 14.81 inches; in 1875, 15.83 inches; in 1874, 14.91 inches.

Evaporation.—3.17 inches, in excess of rainfall 1.82 inches.

Clouds.—Mean of two daily registers, 5.96. Scale 0.10.

Ozone.—Mean of two do., 4.70. Scale 0.10.

W. E. SHOEBRIDGE, Bushy Park

Time of leafing, flowering, and fruiting of a few standard plants in the Royal Society's Gardens, 1879.

SEPTEMBER.

- 14th. Horse chestnut commencing to flower.
- 15th. Ash commencing to break into leaf.
- 17th. Grape vines commencing to break.
- 20th. Mountan poeny commencing to flower.
- 25th. Sycamore commencing to leaf.
- 27th. *Robinia pseudo-acacia* commencing to leaf.

NOVEMBER.

- 10th. First ripe strawberry gathered (Trollop's).
- 12th. First cherry gathered ripe (May Duke).
- 20th. Black mulberry (*Morus niger*) in blossom.
- 21st. *Poinciana gilliesii* commencing to flower.
- 22nd. First red Antwerp raspberry gathered.
- 30th. *Bougainvillea spectabilis* in full flower.

DECEMBER.

- 15th. First ripe bunch red Dutch currants gathered.
- 16th. Common privet commencing to flower.
- 17th. First bunch black Naples currants gathered.
- 24th. *Melia Azederach* commencing to flower.
- 27th. Doyenne d'Ete pear ripe.
- 40th. Juneeating apple ripe.