

METEOROLOGICAL.

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

JUNE.

Barometer.—Mean of two daily readings, corrected and reduced, 30.050 inches.

Thermometer.—Mean of two ditto, 40.32deg.

„ Mean of max. and min. in shade, 42.00deg.

„ Highest in shade, 58deg. on 13th.

„ Lowest in shade, 25deg. on 6th.

Solar Intensity.—Mean of max. temperature, 98.48deg.

„ Highest, 112deg. on 11th.

Terrestrial Radiation.—Mean of min. temperature, 28.70deg.

Lowest, 21deg. on 6th.

Dew Point.—Mean of two daily registers, 36.53deg.

Elastic Force of Vapour.—Mean of two ditto, .216.

Humidity.—Mean of two ditto, .86.

Rainfall.—2.23 inches; total this year, 7.70 inches; to same time in 1878, 9.40in.; 1877, 9.34in.; 1876, 8.23in.; 1875, 10.5in.; 1874, 8.92in.

Evaporation.—.75in.

Clouds.—Mean amount of two ditto, 6.10. Scale 0.10.

Ozone.—Mean amount of two ditto, 5.70. Scale 0.10.

JULY.

Barometer.—Mean of two daily readings, corrected and reduced, 30.063 inches.

„ Highest, 30.50, on 13th.

„ Lowest, 29.33, on 6th.

Thermometer.—Mean of two ditto, 39.37deg.

„ Mean of max. and min. in shade, 41.17deg.

„ Highest in shade, 58deg. on 18th.

„ Lowest in shade, 24deg. on 26th.

Humidity of Air.—Mean of two ditto, .87

Elastic Force of Vapour.—Mean of two ditto, .207.

Dew Point.—Mean position of two ditto, 35.33deg.

Solar Intensity.—Mean of max. temperature, 98.00deg.

„ Highest, 117deg. on 22nd.

„ Lowest, 54deg. on 3rd.

Terrestrial Radiation.—Mean of min. temperature, 26.33deg.

„ Highest, 36deg. on 15th.

„ Lowest, 18deg. on 26th.

Rainfall —.73 inches; total this year, 8.43 inches; ditto to same time in '78, 11.34 inches; in '77, 10.61 inches; in '76, 9.87 inches; in '75, 11.53 inches; and in '74, 10.69 inches.

Evaporation.—.73 inch, same as rainfall.

Clouds.—Mean amount of two daily registers, 5.79. Scale 0.10.

Ozone.—Mean amount of two ditto, 5.45. Scale 0.10.

W. E. SHOEBRIDGE, Bushy Park.