

Results of observations taken at New Norfolk in April, May, and June, 1879, in accordance with new forms, at 7'30 a.m. and 4'30 p.m. :—

APRIL.

Barometer.—Mean of two daily readings, corrected and reduced, 30·125 inches.

Thermometer.—Mean of two ditto, 51·74 deg.

” Mean of max. and min. in shade, 54·55 deg.

Dew Point.—Mean position of two ditto, 44·30 deg.

Elastic Force of Vapour.—Mean of two ditto, ·293.

Humidity of Air.—Mean of two ditto, ·78.

Solar Intensity.—Mean of max. temperature, 123·88 deg.

Terrestrial Radiation.—Mean of min. temperature, 35·51 deg.

Daily range of temperature in shade, 24·48 deg.

Rainfall.—71 inches; total this year, 4·66 inches; ditto to same time in '78, 5·83 inches; ditto, '77, 5·28 inches; ditto '76, 5·02 inches; ditto, '75 6·00 inches; ditto '74, 5·32 inches.

Evaporation.—1·94 inches, in excess of rainfall, 1·23 inches.

Clouds.—Mean amount of two daily registers, 5·31. Scale 0·10

Ozone.—Mean amount of two ditto, 6·50. Scale 0·10.

MAY.

Barometer.—Mean of two daily readings, connected and reduced, 30·030 inches.

Thermometer.—Mean of two ditto, 46·8? deg.

” Mean of max. and min. in shade, 48·01 deg.

” Daily range mean of two ditto, 17·32 deg.

Dew Point.—Mean position of two ditto, 42·56 deg.

Elastic Force of Vapour.—Mean of two ditto, ·273.

Humidity of Air.—Mean of two ditto, ·86

Solar Intensity.—Mean of max. temperature, 105·80 deg.

Terrestrial Radiation.—Mean of min. temperature, 33·22 deg.

Rainfall.—81 inch; total this year, 5·47 inches; ditto, to same time, in '78, 7·70 inches; in '77, 6·83 inches; in '76, 5·84 inches; in '75, 8·48 inches; in '74, 7·12 inches.

Evaporation.—·91 inch, in excess of rainfall, ·10 inch.

Clouds.—Mean amount of two ditto, 6·70. Scale 0·10.

Ozone.—Mean of two ditto, 6·66. Scale 0·10.

JUNE.

Barometer.—Mean of two daily readings, corrected and reduced, 30·050 inches.

Thermometer.—Mean of two ditto, 40·32 deg.

” Mean of max. and min. in shade, 42·00 deg.

” Highest in shade, 58 deg. on 13th.

” Lowest in shade, 25 deg. on 6th.

Solar Intensity.—Mean of max. temperature, 98·48 deg.

” Highest, 112 deg. on 11th.

Terrestrial Radiation.—Mean of min. temperature, 23·70 deg.

” Lowest, 21 deg. on 6th.

Dew Point.—Mean of two daily registers, 36·53 deg.

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 '78, 9·40 inches; in '77, 9·34 inches; in '76, 8·23 inches; in '75, 10·05 inches; in '74, 8·92 inches.

Evaporation.—·75 inch.

Clouds.—Mean amount of two ditto, 6·10. Scale 0·10.

Ozone.—Mean amount of two ditto, 5·70. Scale 0·10.

W. E. SHOBRIIDGE, Bushy Park.