

METEOROLOGICAL AND BOTANICAL ABSTRACT, FOR THE SUMMER QUARTER, 1868-9.

OBSERVATORY, HOBART TOWN.

Months.	Mean in Shade.		Max. and Min. in Shade		Mean Solar Intensity Black Bulb Insolated.	Mean Terrestrial Radiation on Grass.	Wind.		Rain.		
	Pressure. — Barometer corrected to 32°.	Mean Temperature of Air.	Maximum of Air.	Minimum of Air.			Prevailing Currents.	Force.	No. of Days.	Total Amount collected.	Total Evaporation exposed to open Sky.
	Inches.	°	°	°	°	°		lbs.	In.	In.	
Dec. ..	29·739	61·55	84	40	107·23	47·74	N.W., S.E.	78·83	12	1·47	5·80
Jan. ..	29·747	62·40	74	43	106·45	48·92	N.W., S.E.	37·44	13	4·31	4·80
Feb. ...	29·877	62·52	88	44	103·34	50·32	N.W., S.E.	45·25	9	0·81	4·37
Mean..	29·787	62·16	82	42	102·34	48·99	N.W. S.E.	53·84	34	6·59	14·97

The Mean in all cases is taken from the sums of the three daily registers, and not from the maximum and minimum.

The direction of the wind is registered from currents moving at a height of 192 feet, and the force according to Lind's Wind Gauge. The supposition, however, of an uniform velocity during the month is a very arbitrary one, and the results can be considered only approximately correct.

The relations of the quantities of rain which fell under the different winds are registered each evening at sundown.

The twenty-five years' standard tables are used for obtaining the difference from the average.

Leafing, Flowering, and Fruiting of a few Standard Plants in the Royal Society's Gardens, for the Summer Quarter 1868-9.

- December 4th—First bunch Red Currants ripe
 „ 5th—Common Privet commencing to flower
 „ 8th—First bunch Black Currants ripe
 „ 12th—Melia azederach commencing to flower.
 „ 14th—Doyenne d'Ete Pear commencing to ripen.
 „ 15th—Yellow Juneating Apple ditto
 „ 20th—Striped Margaret Apple ditto
 „ 22nd—First Apricot (Royal) ripe
 January 1st—Ditto (Roman) gathered
 „ 6th—Grevillea robusta in full flower
 „ 10th—First Jargonelle Pear gathered
 „ 15th—Veronica augustifolia in full flower
 „ 15th—Mulberries commencing to ripen
 February 5th—Kerry Pippin Apple ditto
 „ 6th—Windsor Pear ditto
 „ 8th—Bon Chretien Pearditto
 „ 18th—Common Ash commencing to shed seed
 „ 22nd—Common Sycamore ditto.

NOTE.—The Red Currant was 11 days, Black Currant 10 days, Melia azederach 16 days, Doyenne d'Ete Pear 16 days, Juneating Apple 16 days, Apricot 16 days, Jargonelle Pear 12 days, Kerry Pippin apple 9 days, Windsor Pear 8 days, Bon Chretien Pear 12 days, and Ash 11 days earlier this year than last. The remainder were all a few days earlier.

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