

METEOROLOGICAL AND BOTANICAL ABSTRACT, FOR THE SUMMER QUARTER, 1867-8.

OBSERVATORY, HOBART TOWN.

Months.	In Shade.					Mean Solar Intensity Black Bulb Insolated.	Mean Terrestrial Radia- tion on Grass.	Wind.		Rain.		Total Evaporation exposed to open Sky.
	Pressure. — Barometer corrected to 32°	Mean Temperature of Air.	Maximum of Air.	Minimum of Air.	Prevailing Currents.			Force.	No. of Days.	Total Amount collected.		
	Inches.	°	°	°	°	°	°	°	lbs.	In.	In.	
Dec. ..	29·619	60·20	85	43	106·34	47·05	N.W. S.E.	119·16	13	3·16	7·14	
Janu ary .	29·918	59·69	84	45	100·68	48·87	N.W. S.E.	29·12	10	2·54	2·37	
Feb. ...	29·958	62·34	81	43	113·00	50·29	N.W. S.E.	40·04	6	1·27	5·16	
Mean..	29·831	60·74	83·3	43·7	106·67	48·73	N.W. S.E.	62·77	45	6·97	14·67	

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, 1867-8.

December 14th.—Common Privet commencing to ripen.

15th.—First bunch of Red Currants ripe.

18th.—First bunch of Black Currants ripe.

28th.—Melia azederach commencing to flower.

30th.—Doyenne d'Ete Pear commencing to ripen.

31st.—June-eating Apple commencing to ripen.

January 15th.—Veronica augustifolia in full flower.

17th.—First ripe Apricot (Turkey) gathered.

20th.—Grevillea robusta in flower.

22nd.—First ripe Jargonelle Pear gathered.

31st.—Catalpa syringæfolia in flower.

February 8th.—George IV. Peach commencing to ripen.

14th.—Kerry Pippin Apple commencing to ripen.

14th.—Windsor Pear commencing to ripen.

20th.—Bon Chretien Pear commencing to ripen.

21st.—Green Gage commencing to ripen.

20th.—Ash commencing to shed seed.

NOTE.—Melia azederach, Veronica augustifolia, Apricot, Jargonelle Pear, Catalpa syringæfolia, Peach, Kerry Pippin, Windsor Pear, Bon Chretien Pear, Green Gage and Ash were a few days later this year than last.