

# METEOROLOGICAL AND BOTANICAL ABSTRACT, FOR THE SPRING QUARTER, 1867.

OBSERVATORY, HOBART TOWN.

Months.	Mean in Shade.		Extreme.		Mean Solar Intensity Black Bulb Insulated.	Mean Terrestrial Radia- tion on Grass.	Wind.		Rain.		Evaporation exposed to open Sky.
	Pressure. — Barometer corrected to 32°	Temperature of Air.	Maximum of Air.	Minimum of Air.			Prevailing Currents.	Force.	No. of Days. Amount collected.		
	Inches.	°	°	°	°	°	°	lbs.	In.	In.	
Sept. ..	29.712	52.53	72	33	85.92	39.0	N.W. S.E.	38.50	12	5.24	3.12
October.	29.484	54.51	79	33	96.94	41.95	N.W. W.	106.95	19	1.90	5.40
Nov. ...	29.687	58.51	82	40	106.28	45.12	N.W. W.	200.66	14	2.14	6.14
Mean..	29.627	55.18	77.6	37	96.38	42.02	N.W. W.	115.37	45	9.28	14.66

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 Guage. 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 Spring Quarter of 1867:—*

- September 14th.—Ash commencing to flower.  
 „ 16th.—Moutan Peony commencing to flower.  
 „ 18th.—Vines commencing to break.  
 „ 24th.—Oak commencing to break.  
 „ 26th.—Pawlonia Imperialis commencing to flower.  
 October 8th.—Carpinus betulus (Hornbeam) commencing to leaf.  
 „ 15th.—Ailanthus glandulosus commencing to leaf.  
 „ 20th.—Tilia Europea (Lime) commencing to leaf.  
 „ 22nd.—Morus Niger (Black Mulberry) commencing to leaf.  
 „ 27th.—Maclaura aurantiaca (Osage Orange) commencing to leaf.  
 „ —Ulmus campestris (Elm) commencing to shed seeds.  
 „ 31st.—Melia Azederach commencing to leaf.  
 November 25th.—First ripe Strawberry gathered.  
 „ —First ripe Cherry gathered.  
 „ 30th.—Black Mulberry in full blossom.  
 „ —Bougainvillæa spectabilis in full flower.

NOTE.—The whole of the above plants were a few days later this season than in 1866.

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