

METEOROLOGICAL AND BOTANICAL ABSTRACT.  
FOR THE WINTER QUARTER, 1867.

OBSERVATORY, HOBART TOWN.

Months.	Mean in Shade.				Solar Intensity Black Bulb Insulated. Maximum.	Terrestrial Radia- tion on Grass. Min.	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.		
Jnne . . .	30·032	48·32	71	34	95	28·5	N.W. S.E.	20·80	11	1·53	1·40
July . . .	29·788	49·01	67	34	93	27·5	N.W. S.W.	42·39	14	1·33	2·62
August..	29·967	51·43	72	32	103	28·5	N.W. S.E.	77·29	13	1·01	2·98
Mean..	29·929	49·59	70	33·9	97	28·16	N.W. S.E.	46·82	38	3·87	7·00

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 Winter Quarter of 1867 :—*

- June 6th.—*Maclaura aurantiaca* leaves commencing to fall.  
 „ 8th.—First early *Narcissus* flower open.  
 „ 13th.—Common Privet shedding its leaves.  
 „ 15th.—Snow Flake commencing to flower.  
 „ 27th.—*Pyrus Japonica* commencing to flower.  
 July 3rd.—*Arbutus Unedo* commencing to flower.  
 „ 6th.—*Garrya elliptica* commencing to flower.  
 „ 10th.—White Mulberry commencing to break into leaf.  
 „ 11th.—Almond commencing to flower.  
 „ 24th.—Crocus commencing to flower.  
 „ 31st.—White Hyacinth commencing to flower.  
 Aug. 2nd.—*Sambucus Niger* commencing to break.  
 „ 6th.—Horsechestnut buds breaking into leaf.  
 „ 10th.—Gooseberry bushes commencing to break.  
 „ 14th.—Elm commencing to flower.  
 „ 21st.—Poplar commencing to break.  
 „ 25th.—Apricots commencing to flower.

NOTE.—The Snow Flake flowered 11 days earlier this season than in 1866. The *Sambucus Niger*, the Horsechestnut, the Elm, and the Apricot were also a few days earlier ; but the *Arbutus Unedo*, and *Garrya elliptica* were a few days later.

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