

**METEOROLOGICAL AND BOTANICAL ABSTRACT.**  
**FOR THE AUTUMN QUARTER, 1867.**  
**OBSERVATORY, HOBART TOWN.**

Months.	Mean in Shade.				Solar Intensity Black Bulb Insolated.	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.	
March..	30·012	60·65	87	41	104·60	45·87	N.W. S.E.	64·79	9 0·87	4·96	
April....	30·065	57·39	79	37	97·52	42·28	N.W. S.E.	32·76	8 0·78	2·21	
May....	30·155	52·66	71	36	84·45	43·68	N.W. S.E.	18·72	12 2·03	1·20	
Mean..	30·077	56·90	79	38	95·52	43·94	N.W. S.E.	38·75	29 3·03	8·37	

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.

*Leafing, Flowering, and Fruiting of a few standard Plants in  
the Royal Society's Gardens for the Autumn Quarter of  
1867.*

- March 9th.—Tip of Hornbeam commencing to turn yellow.  
 " 10th.—Colchicum Autumnale in full flower.  
 " 12th.—Coes' Golden Drop Plum commencing to ripen.  
 " 14th.—Seckle Pear commencing to ripen.  
 " 15th.—Tips of Elm turning yellow.  
 " 16th.—Horsechestnut leaves turning brown.  
 " 20th.—Oak leaves commencing to fall.  
 April 3rd.—Chinese Chrysanthemum commencing to flower.  
 " 4th.—Elm leaves commencing to fall.  
 " 9th.—Coes' fine late Red Plum commencing to ripen.  
 " 18th.—Mountain Ash leaves commencing to fall.  
 " 25th.—Leaves of Black Mulberry commencing to fall.  
 " 30th.—Seeds of Carpinus betulus commencing to fall.  
 May 10th.—First Medlar ripe.  
 " 17th.—Coronilla glauca commencing to flower.  
 " 25th.—Ailanthus glandulosa leaves all shed.  
 " 30th.—Photinia serrulata commencing to flower.  
 " 31st.—Spirea prunifolia commencing to flower: