

METEOROLOGICAL AND BOTANICAL ABSTRACT,  
FOR THE SPRING QUARTER, 1869.

Months.	Mean in Shade.				Solar Intensity Black Bulb Insulated.	Terrestrial Radiation 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 col- lected.	Amount col- lected.	
	Inches.	°	°	°	°	°		lbs.	In.	In.	
Sept. ..	29'947	52'81	75	31	93'77	39'75	N.W., S.E.	62'71	9	0'98	3'52
Oct. ..	29'766	57'58	73	40	102'47	45'13	N.W., S.E.	46'29	15	3'32	2.82
Nov. ..	29'706	59'51	78	40	102'13	45'63	N.W., S.E.	52'01	14	1'87	4'22
Mean..	29'815	56'63	75'3	37'0	99'45	43'50	N.W., S.E.	53'67	38	6'17	10'56

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 a 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, 1869.*

- September 8th.—Common Ash commencing to break into leaf.  
 ,, 12th.—Grape Vines commencing to start.  
 ,, 15th.—Common Oak commencing to break into leaf.  
 ,, 16th.—Moutan Peony commencing to flower.  
 ,, 22nd.—Horse Chestnut ditto ditto.  
 ,, 25th.—Robinia Pseudo-acacia commencing to break into leaf.  
 October 5th.—Carpinus Betulus commencing to break into leaf.  
 ,, 12th.—Ailanthus Glandulosus ditto ditto.  
 ,, 16th.—Common Lime ditto ditto.  
 ,, 17th.—Black Mulberry ditto ditto.  
 ,, 20th.—Elm Seeds commencing to fall.  
 ,, 26th.—Melia Azederach commencing to break.  
 November 5th.—First Strawberry (Marguerite) gathered.  
 ,, 10th.—First Cherry (May Duke) gathered.  
 ,, 14th.—Black Mulberry in full flower.  
 ,, 20th.—Pomegranate in flower.  
 ,, 21st.—First Raspberry gathered.  
 ,, 28th.—Bougainvillea Spectabilis in full flower.

NOTE.—Strawberries were four, Cherries six, Black Mulberry seven, and Pomegranate six days later this year than last; the time of the remainder of the above plants being about the same as last year.