

SCHOOL REQUISITES OF EVERY DESCRIPTION, AT MUIR'S

6

BELCHER'S FARMER'S

[1866.]

Length of the	Winter of 1865-6.....	D.	H.	M.
	Spring of 1866.....	88	22	41
	Summer of 1866.....	92	22	15
	Autumn of 1866.....	95	32	42
Length of the tropical year.....		365	5	49

ECLIPSES.

There will be this year THREE Eclipses of the Sun, and Two of the Moon.

I. Friday, March 16. A partial Eclipse of the Sun, invisible at Halifax, but visible between the following limits, viz.:

Begins in lon. $140^{\circ} 34'$ E., and lat. $49^{\circ} 51'$ N.,	4 35 A.	Mean time at Halifax.
Middle in lon. $122^{\circ} 8'$ E., and lat. $72^{\circ} 6'$ N.,	5 37 A.	
Ends in lon. $90^{\circ} 6'$ W., and lat. $85^{\circ} 21'$ N.,	6 38 A.	

II. Friday and Saturday, March 30-31. A total Eclipse of the Moon, visible at Halifax.

Moon enters Penumbra, March 30.....	9 11 A.	} Mean time at Halifax.
Moon enters shadow.....	10 24 A.	
Total phase begins.....	11 30 A.	
Middle of total phase, March 31....	0 19 M.	
Total phase ends.....	1 8 M.	
Moon leaves shadow.....	2 14 M.	
Moon leaves Penumbra.....	3 24 M.	
Magnitude of the Eclipse, 1.52—moon's diameter—1.		
Sunday, April 15. A partial E.		

III. Sunday, April 15. A partial Eclipse of the Sun, invisible at Halifax, but visible between the following limits, viz.:

Begins in lon. $133^{\circ} 30'$ E., and lat. $64^{\circ} 55'$ S.,	0 57 M.	Mean time at Halifax.
Middle in lon. $136^{\circ} 39'$ E., and lat. $71^{\circ} 30'$ S.,	2 37 M.	
Ends in lon. $135^{\circ} 25'$ E., and lat. $34^{\circ} 15'$ S.,	4 17 M.	

IV. Monday, September 24. A total Eclipse of the Sun, invisible at Halifax:

Moon enters Penumbra.....	7	8 M.	Mean time at Halifax.
Moon enters Shadow.....	8	5 M.	
Total phase begins.....	9	5 M.	
Middle of total phase.....	9	53 M.	
Total phase ends.....	10	41 M.	
Moon leaves shadow.....	11	40 M.	
Moon leaves Penumbra....	0	38 A.	

V. Monday, Oct. 8. A partial Eclipse of the Sun, invisible at Halifax, but visible between the following limits, viz.:

Begins in lon. $120^{\circ} 59'$ W., and lat. $68^{\circ} 15'$ N.,	10 37 M.	Mean time at Halifax.
Middle in lon. $122^{\circ} 50'$ W., and lat. $72^{\circ} 1'$ N.....	0 30 A.	
Ends in lon. $116^{\circ} 25'$ W., and lat. $34^{\circ} 38'$ N.,	2 22 A.	

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