MOON'S PHASES.

	d.	h.	m.	
● New Moon	3	5	44	T. M. T.
☽ First Qr.	9	23	32	
○ Full Moon	17	23	14	
☾ Second Qr.	25	23	3	
☾ Perigee	3	17	0	semi-diam. 16′ 41″.9
☾ Apogee	18	2	0	semi-diam. 14′ 41″.6

The Planets	1st of April. Meridian.	Right Ascension.	Decl.	15th of April. Meridian.	Right Ascension.	Decl.
	h. m.	h. m.	° ′	h. m.	h. m.	° ′
☿ Merc.	A Morning Star.			10 24m	0 0	S 2 19
♀ Venus.	A Morning Star.			10 26m	0 2	S 1 27
♂ Mars	4 37	5 18	N 24 45	4 18	5 54	N 25 2
♃ Jupit's	6 9	6 51	N 23 16	5 20	6 57	N 23 9
♄ Saturn	10 38m	23 22	S 6 7	9 52m	23 27	S 5 34
♅ Uran's	0 27	1 7	N 6 27	11 34m	1 10	N 6 46
Neptune.						

Pole Star on Meridian, on the 15th, 11h 26m 16s L.

Date.	QUEBEC. Sun. Rises.	Sets.	Twilight. Begins. A.M.	Ends P.M.	HALIFAX, N. S. Sun. Rises.	Sets.	Twilight. Begins. A.M.	Ends. P.M.	FREDERICTON, N. B. Sun. Rises.	Sets.	Twilight. Begins. A.M.	Ends. P.M.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	5 43	6 24	3 52	8 15	5 45	6 23	3 57	8 9	5 44	6 23	3 55	8 13
10	5 26	6 36	3 34	8 32	5 27	6 34	3 39	8 23	5 27	6 35	3 34	8 29
20	5 8	6 50	3 6	8 50	5 11	6 46	3 17	8 40	5 9	6 49	3 10	8 47
30	4 51	7 3	2 42	9 12	4 55	6 59	2 55	8 59	4 52	7 1	2 47	9 7

Day. Week.	Y'r	Sun Sets. Toronto.	Montreal.	App. Noon, shewing the Eq. of Time.	Sun's Declina'n North.	Moon's Age at Noon.	Moon's Declination.	Moon Rises or Sets. Toronto.	Montreal.
	D.	h. m.	h. m.	h. m. s.	° ′	D.	° ′	Rises. h. m.	Rises. h. m.
S. 1	92	6 22	6 23	12 3 47	4 47.4	27.1	1 31s	4 30m	4 31m
S. 2	93	6 23	6 24	12 3 29	5 10.5	28.1	3 21n	5 07	5 07
M. 3	94	6 24	6 25	12 3 12	5 33.4	29.1		Sets.	Sets.
T. 4	95	6 25	6 27	12 2 54	5 56.3	0.7	8 02	7 23a	7 26a
W. 5	96	6 27	6 28	12 2 36	6 19.0	1.7	12 08	8 37	8 41
Th. 6	97	6 28	6 29	12 2 19	6 41.7	2.7	15 20	9 48	9 52
F. 7	98	6 29	6 31	12 2 02	7 04.1	3.7	17 23	10 54	10 59
S. 8	99	6 30	6 32	12 1 45	7 26.6	4.7	18 10	11 54a	11 59a
S. 9	100	6 31	6 33	12 1 28	7 48.9	5.7	17 46	Morn.	Morn'g.
M. 10	101	6 32	6 35	12 1 12	8 11.0	6.7	16 19	0 47m	0 51m
T. 11	102	6 34	6 36	12 0 56	8 33.0	7.7	14 01	1 32	1 37
W. 12	103	6 35	6 37	12 0 40	8 54.9	8.7	11 02	2 12	2 15
Th. 13	104	6 36	6 38	12 0 24	9 16.6	9.7	7 37	2 47	2 50
F. 14	105	6 37	6 40	12 0 09	9 38.1	10.7	3 55	3 19	3 21
S. 15	106	6 38	6 41	11 59 54	9 59.6	11.7	0 05n	3 48	3 49
S. 16	107	6 40	6 43	11 59 39	10 20.9	12.7	3 43s	4 15m	4 16m
M. 17	108	6 41	6 44	11 59 25	10 41.9	13.7	7 22	Rises.	Rises.
T. 18	109	6 42	6 45	11 59 11	11 02.8	14.7	10 41	7 09a	7 11a
W. 19	110	6 43	6 46	11 58 58	11 23.4	15.7	13 35	8 05	8 08
Th. 20	111	6 45	6 48	11 58 45	11 44.0	16.7	15 52	9 02	9 06
F. 21	112	6 46	6 49	11 58 32	12 04.3	17.7	17 27	9 56	10 01
S. 22	113	6 47	6 50	11 58 20	12 24.4	18.7	18 12	10 48	10 53
S. 23	114	6 48	6 51	11 58 08	12 44.4	19.7	18 03	11 38a	11 43a
M. 24	115	6 49	6 53	11 57 57	13 04.1	20.7	16 57	Morn'g.	Morn'g.
T. 25	116	6 50	6 54	11 57 46	13 23.7	21.7	14 55	0 24m	0 29m
W. 26	117	6 52	6 55	11 57 36	13 42.9	22.7	11 59	1 07	1 11
Th. 27	118	6 53	6 56	11 57 27	14 02.0	23.7	8 16	1 47	1 50
F. 28	119	6 54	6 57	11 57 17	14 20.8	24.7	3 56s	2 24	2 26
S. 29	120	6 55	6 59	11 57 09	14 39.5	25.7	0 46n	3 00	3 01
S. 30	121	6 56	7 00	11 57 01	14 57.8	26.7	5 34	3 38m	3 38m

TWILIGHT.

Date.	Toronto. Begins.	Ends.	Montreal. Begins.	Ends.
1	4 1	8 6	3 56	8 11
10	3 42	8 20	3 36	8 27
20	3 21	8 36	3 19	8 39
30	3 0	8 54	2 56	8 58

* A line drawn from Polaris perpendicular to the line of the pointers, passes at 48° dist. thro' the bright star Capella, which will be rising in the N. E. about 10 on the 15th; more to the E., will be Alphecca, in Corona Borealis; and to the S. E. will be Scorpio, also rising. Deneb, in the tail of the Lion will be on the meridian about 10 in a line with Regulus and Procyon, Orion disappearing.

Eclipses of Jupiter's Satellites

	M. T. Greenw. d. h. m. s.	Toronto. h. m.
I.	5 18 32 18 3	13 15en
	7 13 0 56 9	7 44en
Saturn's ring disappears.		
	14 14 56 26 3	9 39en
	21 16 51 55 4	11 35en.
	23 11 20 51 4	6 04en
	28 18 47 23 8	13 30en
	30 13 16 19 4	7 59en
II.	13 12 18 9 7	7 01en
	20 14 53 42 9	9 37en
	27 17 29 6 7	12 12en
III.	5 17 1 36 4	11 45 in
IV.	4 13 41 34 8	8 24en