

 The best Place for Charts—**COGSWELL'S.** 

PICKFORD & BLACK, Agts. Halifax & Newfoundland Steamship Co., Ltd.

2

ROBERT H. COGSWELL'S

[1898

PHASES OF THE MOON—1898.

Mean Time at Greenwich.

January.

	d.	h.	m.
○ Full Moon.....	7	12	24.3
○ Last Quarter.....	15	3	44.5
● New Moon.....	21	19	24.7
○ First Quarter.....	29	2	32.7
☾ Apogee.....	4	39	
☾ Perigee.....	20	06	
☾ Apogee.....	31	20.7	

February.

	d.	h.	m.
○ Full Moon ..	6	6	24.2
○ Last Quarter.....	13	12	34.7
● New Moon	20	7	40.6
○ First Quarter.....	27	23	13.3
☾ Perigee ..	16	19.3	
☾ Apogee.....	28	17.1	

March.

	d.	h.	m.
○ Full Moon.....	7	21	28.7
○ Last Quarter	14	19	48.0
● New Moon	21	20	37.1
○ First Quarter.....	29	19	40.2
☾ Perigee	14	2.9	
☾ Apogee	28	13.5	

April.

	d.	h.	m.
○ Full Moon.....	6	9	19.6
○ Last Quarter	13	2	28.4
● New Moon	20	10	20.7
○ First Quarter.....	28	14	4.7
☾ Perigee	9	10.1	
☾ Apogee	25	7.4	

May.

	d.	h.	m.
○ Full Moon.....	5	13	33.7
○ Last Quarter	12	9	35.9
● New Moon	20	0	58.2
○ First Quarter.....	28	5	14.0
☾ Perigee	7	8.8	
☾ Apogee	22	20.6	

June.

	d.	h.	m.
○ Full Moon	4	2	11.3
○ Last Quarter.....	10	13	4.2
● New Moon	18	16	19.3
○ First Quarter.....	26	16	54.1
☾ Perigee	4	16.4	
☾ Apogee	19	2.1	

July.

	d.	h.	m.
○ Full Moon.....	3	9	12.2
○ Last Quarter	10	4	42.8
● New Moon.....	18	7	47.1
○ First Quarter.....	26	1	40.0
☾ Perigee	3	2.3	
☾ Apogee	16	5.5	
☾ Perigee	31	10.7	

August.

	d.	h.	m.
○ Full Moon.....	1	16	28.8
○ Last Quarter	8	18	13.0
● New Moon	16	22	34.6
○ First Quarter.....	24	8	32.3
○ Full Moon.....	31	0	50.8
☾ Apogee	12	16.6	
☾ Perigee	28	13.3	

September.

	d.	h.	m.
○ Last Quarter	7	10	50.9
● New Moon	15	12	10.2
○ First Quarter.....	22	14	39.4
○ Full Moon.....	29	11	10.7
☾ Apogee	9	9.5	
☾ Perigee ..	24	17.7	

October.

	d.	h.	m.
○ Last Quarter	7	6	4.7
● New Moon	15	0	37.3
○ First Quarter.....	21	21	9.3
○ Full Moon	29	0	18.2
☾ Apogee	7	5.0	
☾ Perigee ..	19	13.6	

November.

	d.	h.	m.
○ Last Quarter	6	2	27.8
● New Moon	13	12	20.6
○ First Quarter.....	20	5	5.0
○ Full Moon	27	16	39.2
☾ Apogee	4	1.4	
☾ Perigee	15	19.6	

December.

	d.	h.	m.
○ Last Quarter	5	22	5.6
● New Moon	12	23	43.2
○ First Quarter.....	19	15	21.6
○ Full Moon	27	11	39.2
☾ Apogee	1	19.8	
☾ Perigee	14	1.3	
☾ Apogee	29	6.5	

Macdonald & Co., Manufacturers of Ships' Patent Water Closets, Halifax.—See adv. p. 4 cover.

MACDONALD & CO., Brass Founders.—See adv. page 4 cover.

Pickford & Black, Ship Brokers and Steamship Agents, Halifax, N. S.