

COGSWELL—Charts, Dividers, &c.

PICKFORD & BLACK. W. I. S. S. Line between Halifax and Bermuda.

8

ROBERT H. COGSWELL'S

[1898

JANUARY.

Chronometer of
G. M. T.

Pickford & Black, Agents Donaldson Line Between Glasgow and Halifax.

Macdonald & Co., Manufacturers of Patent Roller Bushings, Halifax.

THE SUN'S														Equation of Time, to be added to Apparent Time.	Var. in 1 h'r.	1	H.	MIN.	SEC.	THS.
Day of the Week.	Day of the Month.	Apparent Right Ascension.		Var. in 1 h'r.	Apparent Declination.		Var. in 1 h'r.													
		h.	m.	s.	s	°	'	"	"	m.	s.	s.								
S	1	18	48	33.90	11.035	S. 22	59	16	12	80	3 55.29	1.176	2							
S	2	18	52	58.57	11.020	22	53	40.7	13.94	4 23.33	1.160		7							
M	3	18	57	22 87	11.004	22	47	52.4	15.08	4 50.99	1.144		8							
T	4	19	1	46.75	10.986	22	41	37.0	16.20	5 18.24	1.126		9							
W	5	19	6	10.20	10.967	22	34	54.7	17.32	5 45 05	1.107		10							
T	6	19	10	33.19	10.948	22	27	45 6	18.43	6 11 40	1.088		11							
F	7	19	14	55.69	10.927	22	20	10.0	19.53	6 37.27	1.067		12							
S	8	19	19	17 68	10.905	22	12	8 1	20 62	7 2.63	1.046		13							
S	9	19	23	39.14	10.882	22	3	40 1	21.71	7 27.46	1.023		14							
M	10	19	28	0 04	10.859	21	54	46 2	22.78	7 51.74	1.000		15							
T	11	19	32	20.37	10.835	21	45	27.7	23 84	8 15.45	0.975		16							
W	12	19	36	40 10	10 810	21	35	41.9	24.89	8 38.56	0.950		17							
T	13	19	40	59 22	10.784	21	25	31.9	25 93	9 1.06	0.924		18							
F	14	19	45	17.71	10.757	21	14	57.1	26 96	9 22.93	0.898		19							
S	15	19	49	35.55	10.730	21	3	57.8	27 98	9 44 17	0 871		20							
S	16	19	53	52.73	10.702	20	52	34.2	28 98	10 4.74	0 843		21							
M	17	19	58	9.24	10.673	20	40	46.6	29.97	10 24.63	0.814		22							
T	18	20	2	25.05	10.644	20	28	35 4	30 95	10 43.83	0.785		23							
W	19	20	6	40.15	10.614	20	16	0 9	31.91	11 2.32	0.755		24							
T	20	20	10	54.51	10.583	20	3	3 5	32 86	11 20.07	0.724		25							
F	21	20	15	8.13	10 551	19	49	43.6	33.79	11 37.08	0.693		26							
S	22	20	19	20 98	10.519	19	36	1 6	34.71	11 53.32	0.660		27							
S	23	20	23	33.03	10.486	19	21	57.7	35 61	12 8.78	0.627		28							
M	24	20	27	44.29	10.452	19	7	32.5	36 49	12 23.44	0.594		29							
T	25	20	31	54.73	10.418	18	52	46 4	37.35	12 37.29	0 560		30							
W	26	20	36	4 36	10 384	18	37	39.7	38.20	12 50.33	0.526		31							
T	27	20	40	13.16	10.349	18	22	12.7	39.04	13 2.54	0.491									
F	28	20	44	21 12	10.314	18	6	26 0	39 85	13 13 92	0 457									
S	29	20	48	28 25	10.280	17	50	19.9	40 65	13 24 47	0.422									
S	30	20	52	34.54	10 245	17	33	54.7	41 44	13 34.18	0.387									
M	31	20	56	39.99	10.210	17	17	11.0	42.20	13 43.04	0.352									
T	32	21	0	44 60	10.175	S. 17	0	9.1	42 95	13 51.07	0 317									

MACDONALD & CO., Coppermiths.—See adv. page 4, cover.