

RATES OF CHRONOMETERS

ON TRIAL

FOR PURCHASE BY THE BOARD OF ADMIRALTY,

AT THE

ROYAL OBSERVATORY, GREENWICH.

1866.

NAME OR MAKER.		No.	Whether 2 or 3 Days.	Construction of Escapement and Balance, from the Description furnished by the Maker.	(1.) WEEKLY SUMS OF DAILY RATES												IN THE ORDER OF TIME.												NAME OR MAKER.		No.				
					Jan. 12-20	Jan. 20-27	Jan. 27- Feb. 3	Feb. 3-10	Feb. 10-17	Feb. 17-24	Feb. 24-31 to Mar. 5	March 5-12	March 12-19	March 19-26	March 26-31	Mar. 31- April 7	April 7-14	April 14-21	April 21-28	April 28-May 5	May 5-12	May 12-19	May 19-26	May 26-31 to June 2	June 2-9	June 9-16	June 16-23	June 23-30	June 30-10 to July 7	July 7-14	July 14-21	July 21-28	July 28-31 to Aug. 4		
					+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
McGregor.....	3795	2	Auxiliary compensation.	-43	-104	-98	-98	-81	-46	-42	-49	-70	-80	-88	-100	-132	-89	-71	-47	-60	-60	-60	-75	-66	-39	-30	-42	-31	-32	-57	-63	McGregor.....	3795		
Cairns.....	792	2	Auxiliary to the balance.	+109	+95	+107	+99	+127	+126	+158	+170	+165	+110	+60	-70	-100	-129	-129	-160	-129	-129	-129	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	Cairns.....	792	
Poole.....	3740	2	Poole's auxiliary.	-19	-28	-13	-45	-33	-26	-21	-33	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	Poole.....	3740	
M. F. Dent.....	3304	2	Auxiliary acting in low temperatures.	-83	-102	-88	-71	-79	-60	-38	-37	-11	-69	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	M. F. Dent.....	3304	
Chittenden.....	710	2	Auxiliary, unpublished.	-76	-97	-72	-80	-79	-90	-60	-65	-34	-47	-59	-48	-34	-10	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	Chittenden.....	710	
Brotherston.....	4277	2	Ordinary construction, with slight alteration.	+40	+52	+71	+81	+67	+63	+36	+49	+70	+93	+82	+85	+112	+123	+140	+126	+124	+124	+124	+124	+124	+124	+124	+124	+124	+124	+124	+124	+124	Brotherston.....	4277	
J. B. Ritchie.....	1002	2	Poole's auxiliary balance, with slight alteration.	-119	-158	-21	-114	-90	-86	-79	-74	-121	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	-106	J. B. Ritchie.....	1002	
Dent.....	3024	2	Dent's patent balance.	+10	+5	+25	+40	+45	+33	+20	-10	-20	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	Dent.....	3024	
Sevill.....	1898	2	Original auxiliary compensation to the balance.	-150	-177	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	Sevill.....	1898	
S. Fletcher.....	3968	2	Auxiliary compensation to the balance.	-50	-91	-120	-154	-158	-213	-236	-229	-209	-218	-215	-200	-170	-124	-126	-124	-110	-109	-100	-103	-125	-114	-98	-75	-80	-80	-98	-49	S. Fletcher.....	3968		
Sewill.....	1864	2	Original auxiliary compensation to the balance.	-55	-60	-41	-34	-03	+14	+21	+30	-68	-88	-88	-66	-70	-50	-64	-41	-50	-55	-35	-19	-37	-14	-44	-44	-44	-44	-44	-44	-44	Sewill.....	1864	
C. Frothingham.....	3342	2	Unaltered balance, with supplementary compensation.	-60	-40	-20	-15	-18	-33	-24	-24	-14	-56	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	+63	C. Frothingham.....	3342	
Booke.....	3747	2	Kullberg's double rim balance.	-180	-190	-162	-177	-124	-114	-92	-105	-125	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	-205	Booke.....	3747	
Dent.....	3608	2	Dent's patent balance.	+12	+24	+54	+63	+83	+78	+85	+70	+63	+45	+45	+77	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	+123	Dent.....	3608	
R. Fletcher.....	3968	2	Auxiliary compensation to the balance.	+17	-27	-54	-81	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	R. Fletcher.....	3968	
J. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	J. Fletcher.....	3940	
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	9060
R. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	R. Fletcher.....	3940	
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	9060
R. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	R. Fletcher.....	3940	
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	9060
R. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	R. Fletcher.....	3940
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	9060
R. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	R. Fletcher.....	3940
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	9060
R. Fletcher.....	3940	2	Auxiliary compensation to the balance.	+141	+109	+123	+104	+121	+100	+120	+145	+142	+123	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	+145	R. Fletcher.....	3940
Hemery.....	3744	2	Poole's auxiliary.	+14	-35	-69	-23	-45	-63	-60	-50	-55	-41	-16	-29	-34	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	-63	-60	-57	Hemery.....	3744	
Lester and Sons.....	618	2	Poole's auxiliary.	+59	+07	+33	+22	+43	+70	+100	+95	+105	+181	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	+179	Lester and Sons.....	618	
Russell and Son.....	9060	2	Kullberg's flat rim balance, without auxiliary.	-12	-24	-54	-63	-83	-105	-140	-120	-150	-130	-100	-88	-67	-50	-115	-121	-109	-150	-125	-91	-67	-67	-19	-49	-49	-49	-49	-49	-49	-49	Russell and Son.....	

[illegible]

† During these weeks the Chronometers were placed in the chamber of a stove heated by jets of gas. The gas flames are exterior to the chamber, into which none of the injurious products of combustion can enter.

Three Chronometers which stopped during the first few weeks of trial are altogether

NAME or MAKER.	No.	Address or MAKER.	Construction of Escapement and Balance, from the Description furnished by the Maker.	(III).—ABSTRACT OF THE				PRINCIPAL CHANGES OF RATE.						NAME or MAKER.	No.
				First Day of First Week of Rating.	Last Day of Last Week of Rating.	Number of Weeks.	Last Weekly Sum.	In what Week.	Greatest Weekly Sum.	In what Week.	Difference between the Greatest and Least.	Greatest Difference between one Week and the next.	Before and after what day.		
McGregor	3795	38, Clyde Place, Glasgow.	Auxiliary compensation.	January 13	August 4	29	-10.4	January 20 to 27	- 5.0	May 26 to June 27, June 23 to 30	7.4	5.8	January 20	McGregor	3795
Webb	722	29, Waterloo Road, Liverpool.	Poole's auxiliary.	January 13	August 4	29	- 8.4	June 9 to 16	+ 7.4	July 28 to Aug. 4	8.5	5.8	March 17	Cairns	722
Campbell	3749	57, Fenchurch Street, London.	Poole's auxiliary.	January 13	August 4	29	- 4.6	January 30 to 27	+ 7.0	April 28 to May 5	4.5	5.8	March 17	Webb	3749
M. F. Dent	3064	33, Cockspur Street, London.	Auxiliary acting in low temperatures.	January 13	August 4	29	- 4.7	March 10 to 17	+ 4.5	March 10 to 17	5.0	5.8	March 17	M. F. Dent	3064
Children	710	30, Kent Villa, Dalston, London.	Auxiliary, unaltered.	January 13	August 4	29	- 4.7	January 20 to 27	+ 4.5	June 30 to July 7	14.2	5.4	April 14	Children	710
Broadbent	4757	11, Spencer St., Northampton Sq., London.	Ordinary construction, with slight alteration.	January 13	August 4	29	+ 8.6	Feb. 24 to March 3	+ 10.3	June 23 to 30	12.7	4.5	June 21 to June 23	Brotherton	4757
P. Birchall	1002	12, Stowfield Street, Islington, London.	Ordinary balance, with slight alteration.	January 13	August 4	29	-10.1	March 17 to 24	- 9.5	June 16 to 23	13.6	5.7	May 28	P. Birchall	1002
Dent	1864	61, Strand, London.	Dent's patent double rim balance.	January 13	August 4	29	- 9.5	May 26 to June 21	- 9.5	May 26 to June 21	13.0	6.0	May 28	Dent	1864
Sevill	1998	61, South Castle Street, Liverpool.	Original auxiliary compensation to the balance.	January 13	August 4	29	-17.7	January 20 to 27	- 17.7	May 26 to June 21	13.0	6.0	April 14	Sevill	1998
J. B. Fletcher	3967	148, Leadenhall Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	-23.6	Feb. 24 to March 3	- 4.9	July 28 to Aug. 4	10.1	4.6	April 14	J. B. Fletcher	3967
Sevill	1864	61, South Castle Street, Liverpool.	Original auxiliary compensation to the balance.	January 13	August 4	29	- 8.6	March 24 to 31	+ 2.1	March 3 to 10	14.7	8.8	March 17	Sevill	1864
C. Frodham	3343	61, Strand, London.	Usual balance, with supplementary compensation.	January 13	August 4	29	- 9.9	January 13 to 20	+ 8.9	March 7 to 14	10.9	7.0	March 17	C. Frodham	3343
Rowland	2862	21, Church Street, Liverpool.	Rowland's double rim balance.	January 13	August 4	29	-23.4	March 24 to 31	- 8.9	July 21 to 28	19.3	5.3	June 21	Rowland	2862
Dent	1864	61, Strand, London.	Dent's patent balance.	January 13	August 4	29	- 9.5	July 28 to Aug. 4	- 9.5	July 28 to Aug. 4	17.2	6.0	June 21	Dent	1864
Reid and Son	1543	41, Grey Street, Newcastle-upon-Tyne.	Auxiliary compensation to the balance.	January 13	August 4	29	-1.9	January 13 to 20	+ 2.9	January 13 to 20	17.3	6.0	April 14	Reid and Son	1543
F. Fletcher	3940	148, Leadenhall Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	+10.0	February 17 to 24	+ 27.0	April 14 to 21	17.0	7.5	May 5	F. Fletcher	3940
Hennessy	3744	5, Wind Street, Swansea.	Poole's auxiliary.	January 13	August 4	29	- 3.2	January 20 to 27	+ 12.1	July 28 to Aug. 4	14.8	7.9	June 16	Hennessy	3744
Hennessy	3745	5, Wind Street, Swansea.	Poole's auxiliary.	January 13	August 4	29	- 9.0	January 20 to 27	+ 7.5	June 23 to 30	15.9	6.0	March 17	Hennessy	3745
Lister and Son	618	Newcastle-upon-Tyne.	Poole's auxiliary.	January 13	August 4	29	+ 0.7	January 20 to 27	+ 11.7	June 16 to 23	17.9	7.0	March 17	Lister and Son	618
Russell and Son	9060	30 and 33, Slater Street, Liverpool.	Russell's flat rim balance, without auxiliary.	January 13	August 4	29	-10.7	July 7 to 14	- 8.1	Feb. 24 to March 3	15.8	0.7	March 17	Russell and Son	9060
Reid and Son	1543	41, Grey Street, Newcastle-upon-Tyne.	Auxiliary compensation to the balance.	January 13	August 4	29	- 9.9	January 20 to 27	+ 18.7	June 16 to 23	21.6	6.0	February 3	Reid and Son	1543
J. B. Fletcher	3938	148, Leadenhall Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	+ 3.1	January 13 to 20	+ 20.7	July 28 to Aug. 4	23.6	5.5	March 24	J. B. Fletcher	3938
C. Frodham	3316	61, Strand, London.	Usual balance, with supplementary compensation.	January 13	August 4	29	-19.1	January 13 to 20	+ 7.1	July 14 to 21	20.0	9.0	May 26	C. Frodham	3316
Kulberg	1060	12, Cusculdy Terrace, Islington, London.	Russell's flat rim balance, without auxiliary.	January 13	August 4	29	-10.1	April 28 to May 5	- 2.1	Feb. 24 to March 3	18.3	9.5	June 21	Kulberg	1060
F. Fletcher	3913	148, Leadenhall Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	-29.0	March 24 to 31	+ 7.9	June 23 to 30	18.4	10.5	June 21	F. Fletcher	3913
Quilliam	5439	32, Elizabeth Street, Liverpool.	Auxiliary acting in cold.	January 13	August 4	29	-10.3	February 10 to 17	+ 11.5	July 21 to 28	20.4	9.5	March 17	Quilliam	5439
Cairns	789	13, Waterloo Road, Liverpool.	Auxiliary to the balance.	January 13	August 4	29	+ 1.4	January 20 to 27	+ 20.5	June 16 to 23	24.6	9.4	April 14	Cairns	789
Proke	3970	27, Fenchurch Street, London.	Poole's auxiliary.	January 13	August 4	29	- 1.9	January 13 to 20	+ 23.7	June 16 to 23	19.8	11.0	March 17	Proke	3970
Campbell	1000	7, South Castle Street, Liverpool.	Ordinary balance, with slight alteration.	January 13	August 4	29	-30.7	July 21 to 28	-13.6	March 24 to 31	25.7	9.0	April 14	Campbell	1000
F. Fletcher	3913	148, Leadenhall Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	- 9.9	March 17 to 24	- 19.8	July 28 to Aug. 4	25.7	7.0	April 14	F. Fletcher	3913
McGregor	3709	38, Clyde Place, Glasgow.	Poole's auxiliary.	January 13	August 4	29	- 6.0	February 20 to 27	+ 19.5	June 16 to 23	25.6	9.3	April 14	McGregor	3709
Webb	5440	4, Pall Mall, London.	Auxiliary as in former years.	January 13	August 4	29	- 9.9	January 20 to 27	+ 19.5	April 28 to May 5	24.5	10.0	January 27	Webb	5440
Campbell	1037	7, South Castle Street, Liverpool.	Ordinary balance, with slight alteration.	January 13	August 4	29	+11.6	June 9 to 16	+ 14.2	April 28 to May 5	26.9	10.0	March 21	Campbell	1037
Gowland	3976	27, Fenchurch Street, London.	Poole's auxiliary.	January 13	August 4	29	-14.0	March 10 to 17	+ 24.0	April 28 to May 5	26.9	10.0	March 21	Gowland	3976
Mairland and Son	3668	96, Buchanan Street, Glasgow.	Poole's auxiliary.	January 13	August 4	29	- 9.9	April 14 to 21	+ 24.4	June 16 to 23	20.1	14.3	March 17	Mairland and Son	3668
Clark and Son	3862	Greenock.	Poole's auxiliary.	January 13	August 4	29	-10.6	January 13 to 20	+ 15.6	April 7 to 14	26.3	12.0	April 14	Clark and Son	3862
W. P. Birchall	46	12, Stowfield Street, Islington, London.	Auxiliary compensation to the balance.	January 13	August 4	29	-19.0	Feb. 17 to 24	+ 5.0	July 21 to 28	28.5	19.0	March 17	W. P. Birchall	46
Quilliam	5439	32, Elizabeth Street, Liverpool.	Auxiliary acting in heat.	January 13	August 4	29	-29.0	June 23 to 30	- 7.1	January 13 to 20	26.3	12.0	June 16	Quilliam	5439
Dobbie	3987	24, Clyde Place, Glasgow.	Auxiliary to the balance.	January 13	August 4	29	+ 9.5	January 13 to 20	+ 41.0	July 28 to Aug. 4	45.5	8.7	June 16	Dobbie	3987
Glover	332	4, Swinton Street, Gray's Inn Road, London.	Auxiliary compensation.	January 13	August 4	29	- 0.6	January 20 to 27	+ 29.1	June 9 to 16	29.7	13.3	February 24	Glover	332
Langford	1737	34, Fenchurch Street, London.	Russell's flat rim balance, with "in in" balance spring.	January 13	August 4	29	-29.5	February 24 to 31	- 5.2	July 28 to Aug. 4	23.6	15.4	May 19	Langford	1737
Lister and Son	618	Broad Quay, Bristol.	Auxiliary compensation to the balance.	January 13	August 4	29	-24.8	March 24 to 31	+ 6.9	May 26 to June 21	38.1	10.7	March 17	Lister and Son	618
Jürgensen	657	24, Avebury Street, Clerkenwell, London.	[No information received.]	January 13	August 4	29	- 4.0	March 21 to April 7	+ 10.5	July 28 to Aug. 4	33.8	12.5	March 24	Jürgensen	657
Jürgensen	LXXXV.	Copenhagen.	Gold pendulum spring; ordinary balance.	January 13	August 4	29	-28.1	January 20 to 27	+ 28.2	June 16 to 23	32.6	14.3	May 26	Jürgensen	LXXXV.
Jürgensen, jun.	177	Copenhagen.	Gold pendulum spring; ordinary balance.	January 13	August 4	29	-11.0	February 17 to 24	+ 12.0	June 16 to 23	32.6	14.3	March 17	Jürgensen, jun.	177
Hammer	128	4, Pall Mall, London.	Russell's flat rim balance, without auxiliary.	January 13	August 4	29	-20.3	June 9 to 16	+ 2.3	July 7 to 14	35.5	14.9	July 7	Hammer	128
Kulberg	606	12, Cusculdy Terrace, Islington, London.	Kulberg's flat rim balance, without auxiliary.	January 13	August 4	29	-18.7	June 23 to 30	+ 23.2	July 28 to Aug. 4	23.8	19.2	July 14	Kulberg	606
Parkinson and Bouts	1151	59, Gracechurch Street, London.	Ordinary construction.	January 13	August 4	29	- 0.6	June 24 to March 3	+ 27.1	July 28 to Aug. 4	33.8	19.2	July 14	Parkinson and Bouts	1151
Glover	332	4, Swinton Street, Gray's Inn Road, London.	Auxiliary compensation.	January 13	August 4	29	- 0.6	January 13 to 20	+ 50.3	July 28 to Aug. 4	56.8	8.4	March 17	Glover	332
Parkinson and Bouts	1151	59, Gracechurch Street, London.	Auxiliary compensation to the balance.	January 13	August 4	29	-19.0	Feb. 24 to March 3	+ 8.7	May 19 to 26	41.7	24.9	May 26	Parkinson and Bouts	1151
M. F. Dent	24934	33, Cockspur Street, London.	Auxiliary acting in low temperatures.	January 13	August 4	29	-13.7	April 14 to 21	+ 80.8	July 28 to Aug. 4	93.6	20.3	March 24	M. F. Dent	24934

* During these weeks the North window of the Chronometer Room was left open.

† During these weeks the Chronometers were placed in the chamber of a stove heated by jets of gas. The gas flames are exterior to the chamber, into which none of the injurious products of combustion can enter.

The order of arrangement of the Chronometers in this Table is determined solely by consideration of their irregularities of rate. The Chronometer No. 655 changed its rate during the week ending May 26, and in the following week stopped; it was removed by the maker on June 18, 1866, and was replaced by No. 656, which was stopped on June 3, and was removed by the maker on June 18, 1866. The Chronometer No. 655 was changed in error, by No. 656, between May 1 and 2, being slower on May 2 by that amount. The rates of these chronometers are, for the reasons given, not given, and are omitted from the list with those of the other chronometers: the chronometers are therefore placed in alphabetical order, in a separate division in Tables I and II, and are omitted from the abstract.

Three Chronometers which stopped during the first few weeks of trial are altogether omitted.