

1 Jan (Wed)	1 Feb (Sat)	1 Mar (Sat)	1 Apr (Tue)	1 May (Thu)
04:00 0.79	05:20 0.40	04:10 0.61	01:10 4.98	01:20 4.77
11:00 4.85	12:20 5.03	11:20 4.90	06:20 0.45	06:40 0.73
16:20 0.45	17:40 0.09	16:40 0.29	13:30 4.89	13:50 4.67
23:40 4.90		23:40 5.04	18:40 0.46	19:00 0.91
	2 Feb (Sun)			
2 Jan (Thu)	00:50 5.08	2 Mar (Sun)	2 Apr (Wed)	2 May (Fri)
04:40 0.57	06:00 0.36	05:00 0.38	01:50 4.92	02:00 4.66
11:50 4.97	13:00 5.00	12:00 5.00	07:00 0.55	07:20 0.87
17:10 0.24	18:30 0.17	17:20 0.16	14:10 4.81	14:30 4.57
			19:20 0.66	19:40 1.11
3 Jan (Fri)	3 Feb (Mon)	3 Mar (Mon)		
00:20 4.99	01:40 5.02	00:30 5.08	3 Apr (Thu)	3 May (Sat)
05:30 0.47	06:50 0.50	05:40 0.33	02:30 4.78	02:40 4.51
12:30 4.99	13:50 4.89	12:40 5.00	07:40 0.76	08:00 1.06
18:00 0.18	19:10 0.40	18:00 0.23	14:50 4.65	15:10 4.42
			20:00 0.96	20:20 1.36
4 Jan (Sat)	4 Feb (Tue)	4 Mar (Tue)		
01:10 5.01	02:20 4.88	01:10 5.02	4 Apr (Fri)	4 May (Sun)
06:20 0.51	07:40 0.77	06:30 0.45	03:10 4.58	03:20 4.32
13:20 4.93	14:40 4.68	13:30 4.89	08:30 1.04	08:50 1.28
18:40 0.28	20:00 0.76	18:50 0.46	15:40 4.44	15:50 4.25
			20:50 1.29	21:10 1.60
5 Jan (Sun)	5 Feb (Wed)	5 Mar (Wed)		
02:00 4.94	03:10 4.65	02:00 4.87	5 Apr (Sat)	5 May (Mon)
07:10 0.68	08:30 1.12	07:10 0.71	03:50 4.34	04:10 4.12
14:10 4.79	15:30 4.40	14:20 4.70	09:10 1.34	09:30 1.51
19:40 0.52	20:50 1.19	19:30 0.80	16:20 4.20	16:40 4.07
			21:40 1.61	22:00 1.83
6 Jan (Mon)	6 Feb (Thu)	6 Mar (Thu)		
02:50 4.80	04:00 4.38	02:40 4.64	6 Apr (Sun)	6 May (Tue)
08:00 0.95	09:20 1.47	08:00 1.06	04:40 4.09	04:50 3.92
15:10 4.58	16:30 4.12	15:00 4.44	10:10 1.62	10:30 1.71

20:30 0.84	21:50 1.55	20:20 1.22	17:10 3.97	17:30 3.91
			22:30 1.89	23:00 2.00
7 Jan (Tue)	7 Feb (Fri)	7 Mar (Fri)		
03:40 4.59	04:50 4.11	03:20 4.38	7 Apr (Mon)	7 May (Wed)
09:00 1.26	10:20 1.75	08:40 1.38	05:20 3.84	05:40 3.76
16:00 4.33	17:20 3.87	15:50 4.18	11:00 1.86	11:30 1.86
21:30 1.20	22:50 1.84	21:10 1.56	18:00 3.77	18:30 3.81
			23:40 2.10	00:00 2.10
8 Jan (Wed)	8 Feb (Sat)	8 Mar (Sat)		
04:40 4.36	05:50 3.88	04:10 4.09	8 Apr (Tue)	8 May (Thu)
10:00 1.54	11:40 1.95	09:40 1.70	06:30 3.66	00:10 2.09
17:00 4.08	18:30 3.69	16:40 3.90	12:10 2.00	06:50 3.67
22:30 1.51		22:10 1.89	19:10 3.68	12:30 1.92
	9 Feb (Sun)			19:40 3.81
9 Jan (Thu)	00:10 2.02	9 Mar (Sun)	9 Apr (Wed)	
05:40 4.15	07:00 3.76	05:00 3.83	01:00 2.17	9 May (Fri)
11:10 1.75	12:50 2.01	10:50 1.94	07:40 3.60	01:10 2.07
18:10 3.89	19:40 3.65	17:40 3.69	13:30 2.02	08:00 3.68
23:40 1.74		23:20 2.11	20:30 3.72	13:30 1.88
	10 Feb (Mon)			20:30 3.89
10 Jan (Fri)	01:20 2.06	10 Mar (Mon)	10 Apr (Thu)	
06:40 4.00	08:10 3.76	06:10 3.66	02:10 2.10	10 May (Sat)
12:20 1.85	14:00 1.94	12:10 2.07	08:50 3.68	02:10 1.94
19:20 3.79	21:00 3.75	19:00 3.61	14:30 1.90	09:00 3.80
			21:30 3.88	14:30 1.74
				21:30 4.06
11 Jan (Sat)	11 Feb (Tue)	11 Mar (Tue)	11 Apr (Fri)	
00:50 1.86	02:20 1.97	00:40 2.17	03:10 1.93	11 May (Sun)
07:50 3.95	09:20 3.88	07:30 3.63	09:50 3.85	03:00 1.73
13:30 1.85	14:50 1.76	13:20 2.03	15:20 1.71	10:00 3.99
20:30 3.81	21:50 3.94	20:20 3.69	22:20 4.08	15:20 1.54
				22:20 4.27
12 Jan (Sun)	12 Feb (Wed)	12 Mar (Wed)	12 Apr (Sat)	
01:50 1.86	03:10 1.80	01:50 2.08		

08:50 3.98	10:00 4.04	08:40 3.74	03:50 1.69	12 May (Mon)
14:30 1.75	15:30 1.56	14:20 1.88	10:40 4.06	03:40 1.48
21:20 3.90	22:30 4.13	21:10 3.86	16:00 1.47	10:40 4.20
			23:00 4.30	16:00 1.31
13 Jan (Mon)	13 Feb (Thu)	13 Mar (Thu)		23:00 4.46
02:40 1.77	03:50 1.58	02:40 1.88	13 Apr (Sun)	
09:40 4.08	10:40 4.23	09:30 3.94	04:20 1.44	13 May (Tue)
15:10 1.59	16:10 1.31	15:00 1.63	11:20 4.27	04:20 1.20
22:10 4.06	23:10 4.34	22:00 4.11	16:30 1.23	11:30 4.41
			23:40 4.49	16:40 1.07
14 Jan (Tue)	14 Feb (Fri)	14 Mar (Fri)		23:40 4.64
03:30 1.63	04:20 1.38	03:20 1.64	14 Apr (Mon)	
10:30 4.20	11:20 4.39	10:20 4.14	04:50 1.17	14 May (Wed)
15:50 1.41	16:40 1.11	15:40 1.39	12:00 4.47	05:00 0.94
23:00 4.22	23:50 4.49	22:40 4.32	17:10 0.99	12:10 4.59
				17:10 0.88
15 Jan (Wed)	15 Feb (Sat)	15 Mar (Sat)	15 Apr (Tue)	
04:10 1.48	04:50 1.20	04:00 1.40	00:20 4.66	15 May (Thu)
11:10 4.33	11:50 4.51	10:50 4.34	05:30 0.93	00:20 4.76
16:30 1.23	17:10 0.94	16:10 1.15	12:30 4.62	05:40 0.73
23:30 4.36		23:20 4.50	17:40 0.82	12:50 4.71
	16 Feb (Sun)			18:00 0.75
16 Jan (Thu)	00:20 4.60	16 Mar (Sun)	16 Apr (Wed)	
04:40 1.35	05:20 1.07	04:30 1.17	00:50 4.77	16 May (Fri)
11:40 4.42	12:20 4.58	11:30 4.50	06:00 0.76	01:00 4.83
17:00 1.08	17:40 0.84	16:40 0.94	13:10 4.71	06:20 0.59
		23:50 4.65	18:20 0.72	13:30 4.78
17 Jan (Fri)	17 Feb (Mon)	17 Mar (Mon)	17 Apr (Thu)	18:40 0.71
00:10 4.47	00:50 4.67	05:00 0.98	01:30 4.81	17 May (Sat)
05:20 1.24	06:00 0.99	12:00 4.62	06:40 0.67	01:40 4.83
12:10 4.49	13:00 4.61	17:10 0.80	13:50 4.75	07:00 0.57
17:30 0.98	18:10 0.81		19:00 0.72	14:20 4.79

18 Jan (Sat)	18 Feb (Tue)	18 Mar (Tue)		19:20 0.79
00:40 4.54	01:20 4.68	00:20 4.74	18 Apr (Fri)	
05:50 1.18	06:30 0.99	05:30 0.85	02:00 4.79	18 May (Sun)
12:50 4.52	13:30 4.59	12:30 4.68	07:20 0.69	02:30 4.76
18:10 0.94	18:40 0.86	17:40 0.73	14:30 4.71	07:50 0.65
			19:40 0.84	15:10 4.72
19 Jan (Sun)	19 Feb (Wed)	19 Mar (Wed)		20:20 0.96
01:20 4.56	02:00 4.64	00:50 4.77	19 Apr (Sat)	
06:20 1.18	07:00 1.06	06:00 0.81	02:40 4.71	19 May (Mon)
13:20 4.50	14:10 4.53	13:10 4.69	08:00 0.80	03:20 4.63
18:40 0.96	19:20 0.98	18:20 0.76	15:10 4.63	08:40 0.81
			20:20 1.02	16:00 4.61
20 Jan (Mon)	20 Feb (Thu)	20 Mar (Thu)		21:10 1.17
01:50 4.54	02:30 4.57	01:30 4.74	20 Apr (Sun)	
07:00 1.23	07:40 1.16	06:40 0.85	03:30 4.56	20 May (Tue)
14:00 4.44	14:40 4.43	13:50 4.64	08:50 0.99	04:10 4.45
19:10 1.04	20:00 1.12	19:00 0.87	16:10 4.48	09:40 1.03
			21:20 1.28	17:00 4.46
21 Jan (Tue)	21 Feb (Fri)	21 Mar (Fri)		22:10 1.40
02:30 4.49	03:10 4.44	02:10 4.66	21 Apr (Mon)	
07:30 1.32	08:30 1.33	07:20 0.96	04:30 4.37	21 May (Wed)
14:30 4.35	15:30 4.28	14:30 4.54	09:50 1.21	05:20 4.26
19:50 1.16	20:50 1.35	19:40 1.06	17:00 4.32	10:40 1.25
			22:20 1.52	18:00 4.33
22 Jan (Wed)	22 Feb (Sat)	22 Mar (Sat)		23:20 1.57
03:00 4.41	04:00 4.29	02:50 4.51	22 Apr (Tue)	
08:10 1.43	09:20 1.50	08:10 1.15	05:30 4.17	22 May (Thu)
15:10 4.25	16:30 4.12	15:10 4.38	11:00 1.42	06:30 4.11
20:30 1.29	21:50 1.56	20:30 1.31	18:10 4.18	12:00 1.41
			23:40 1.70	19:10 4.26
23 Jan (Thu)	23 Feb (Sun)	23 Mar (Sun)		
03:40 4.31	05:00 4.13	03:40 4.33	23 Apr (Wed)	23 May (Fri)
09:00 1.55	10:30 1.65	09:00 1.36	06:40 4.03	00:30 1.65

16:00 4.13	17:30 3.99	16:10 4.21	12:20 1.53	07:40 4.05
21:20 1.45	23:00 1.73	21:30 1.56	19:30 4.15	13:00 1.47
				20:20 4.26
24 Jan (Fri)	24 Feb (Mon)	24 Mar (Mon)	24 Apr (Thu)	24 May (Sat)
04:30 4.20	06:10 4.02	04:40 4.13	01:00 1.73	01:40 1.60
09:50 1.67	11:50 1.70	10:10 1.55	08:00 4.02	08:50 4.08
16:50 4.00	19:00 3.97	17:20 4.06	13:30 1.50	14:10 1.43
22:20 1.61		22:50 1.75	20:40 4.23	21:20 4.33
	25 Feb (Tue)			
25 Jan (Sat)	00:30 1.76	25 Mar (Tue)	25 Apr (Fri)	25 May (Sun)
05:30 4.10	07:30 4.06	05:50 4.00	02:10 1.60	02:50 1.46
11:00 1.74	13:10 1.57	11:30 1.64	09:10 4.13	09:50 4.19
18:00 3.93	20:20 4.12	18:40 4.04	14:30 1.36	15:10 1.34
23:30 1.70			21:50 4.39	22:20 4.43
	26 Feb (Wed)	26 Mar (Wed)		
26 Jan (Sun)	01:40 1.59	00:10 1.78	26 Apr (Sat)	26 May (Mon)
06:40 4.07	08:50 4.23	07:10 4.01	03:10 1.37	03:40 1.30
12:20 1.71	14:10 1.29	12:50 1.55	10:10 4.31	10:40 4.31
19:20 3.97	21:30 4.39	20:00 4.17	15:30 1.14	16:00 1.23
			22:40 4.58	23:00 4.51
27 Jan (Mon)	27 Feb (Thu)	27 Mar (Thu)	27 Apr (Sun)	27 May (Tue)
00:50 1.67	02:40 1.28	01:30 1.62	04:00 1.12	04:20 1.15
07:50 4.15	09:50 4.49	08:30 4.17	11:00 4.49	11:30 4.41
13:20 1.53	15:00 0.92	14:00 1.32	16:20 0.95	16:40 1.15
20:30 4.14	22:20 4.68	21:10 4.40	23:30 4.71	23:50 4.56
28 Jan (Tue)	28 Feb (Fri)	28 Mar (Fri)	28 Apr (Mon)	28 May (Wed)
01:50 1.50	03:30 0.92	02:30 1.32	04:40 0.88	05:00 1.02
09:00 4.34	10:40 4.73	09:30 4.41	11:50 4.63	12:10 4.49
14:30 1.22	15:50 0.55	14:50 0.99	17:00 0.78	17:20 1.09
21:40 4.41	23:10 4.91	22:00 4.66		
29 Jan (Wed)	UTC	29 Mar (Sat)	29 Apr (Tue)	

02:50 1.21  
10:00 4.57  
15:20 0.86  
22:30 4.68

30 Jan (Thu)  
03:40 0.88  
10:50 4.79  
16:10 0.49  
23:20 4.91

31 Jan (Fri)  
04:30 0.58  
11:30 4.95  
16:50 0.21  
00:00 5.05

UTC

03:10 0.99  
10:20 4.63  
15:30 0.70  
22:50 4.85

30 Mar (Sun)  
05:00 0.70  
12:00 4.80  
17:20 0.48  
23:30 4.96

31 Mar (Mon)  
00:30 4.96  
05:40 0.51  
12:40 4.89  
18:00 0.39

UTC

BST begins

00:10 4.79  
05:20 0.74  
12:30 4.71  
17:40 0.74

30 Apr (Wed)  
00:40 4.81  
06:00 0.68  
13:10 4.72  
18:20 0.78

BST

29 May (Thu)  
00:30 4.60  
05:40 0.95  
12:50 4.54  
18:00 1.09

30 May (Fri)  
01:00 4.59  
06:20 0.93  
13:30 4.54  
18:40 1.14

31 May (Sat)  
01:40 4.54  
07:00 0.98  
14:10 4.50  
19:20 1.23

BST

1 Jun (Sun)	1 Jul (Tue)	1 Aug (Fri)	1 Sep (Mon)	1 Oct (Wed)
02:20 4.45	02:40 4.39	03:20 4.35	04:10 4.25	04:40 4.21
07:40 1.08	08:00 1.12	08:40 1.17	09:30 1.39	10:00 1.57
14:50 4.42	15:10 4.41	15:50 4.39	16:40 4.25	17:10 4.14
20:00 1.38	20:10 1.41	21:00 1.44	22:00 1.54	22:40 1.54
2 Jun (Mon)	2 Jul (Wed)	2 Aug (Sat)	2 Sep (Tue)	2 Oct (Thu)
03:00 4.33	03:10 4.30	04:00 4.24	05:00 4.11	05:50 4.07
08:20 1.21	08:30 1.22	09:20 1.31	10:20 1.57	11:10 1.75
15:30 4.32	15:40 4.33	16:30 4.29	17:30 4.12	18:10 4.00
20:40 1.54	21:00 1.53	21:40 1.56	23:00 1.65	23:50 1.64
3 Jun (Tue)	3 Jul (Thu)	3 Aug (Sun)	3 Sep (Wed)	3 Oct (Fri)
03:40 4.20	03:50 4.20	04:40 4.13	06:10 3.98	07:10 4.02
09:00 1.37	09:20 1.34	10:00 1.46	11:30 1.74	12:40 1.80
16:10 4.20	16:20 4.24	17:10 4.19	18:40 4.01	19:40 3.98
21:30 1.69	21:40 1.65	22:30 1.66		
4 Jun (Wed)	4 Jul (Fri)	4 Aug (Mon)	4 Sep (Thu)	4 Oct (Sat)
04:20 4.05	04:30 4.08	05:30 4.01	00:20 1.72	01:10 1.59
09:50 1.53	10:00 1.47	11:00 1.61	07:20 3.95	08:30 4.13
17:00 4.08	17:00 4.15	18:00 4.08	12:50 1.79	13:50 1.67
22:20 1.84	22:20 1.76	23:30 1.76	20:00 4.01	20:50 4.12
5 Jun (Thu)	5 Jul (Sat)	5 Aug (Tue)	5 Sep (Fri)	5 Oct (Sun)
05:10 3.91	05:20 3.97	06:30 3.92	01:30 1.63	02:20 1.38
10:40 1.66	10:50 1.60	12:00 1.72	08:40 4.07	09:30 4.35
17:50 3.99	17:50 4.06	19:10 4.03	14:00 1.67	14:50 1.39
23:20 1.94	23:20 1.84		21:10 4.16	22:00 4.35
6 Jun (Fri)	6 Jul (Sun)	6 Aug (Wed)	6 Sep (Sat)	6 Oct (Mon)
06:00 3.81	06:10 3.89	00:50 1.75	02:40 1.38	03:20 1.07
11:40 1.76	11:40 1.69	07:50 3.93	09:50 4.31	10:30 4.62
		13:20 1.74	15:10 1.38	15:40 1.02

18:40 3.94	18:50 4.03	20:20 4.08	22:10 4.41	22:50 4.62
7 Jun (Sat)	7 Jul (Mon)	7 Aug (Thu)	7 Sep (Sun)	7 Oct (Tue)
00:10 1.96	00:20 1.84	02:00 1.62	03:30 1.03	04:10 0.73
07:00 3.77	07:10 3.86	09:00 4.06	10:50 4.60	11:20 4.84
12:40 1.79	12:40 1.72	14:20 1.61	16:00 1.01	16:30 0.68
19:40 3.96	19:50 4.05	21:30 4.23	23:10 4.67	23:40 4.82
8 Jun (Sun)	8 Jul (Tue)	8 Aug (Fri)	8 Sep (Mon)	8 Oct (Wed)
01:10 1.91	01:20 1.77	03:00 1.37	04:20 0.65	04:50 0.47
08:00 3.81	08:20 3.93	10:10 4.29	11:40 4.86	12:00 4.99
13:30 1.75	13:50 1.66	15:20 1.36	16:50 0.65	17:10 0.43
20:40 4.05	20:50 4.15	22:30 4.45	23:50 4.89	
				9 Oct (Thu)
9 Jun (Mon)	9 Jul (Wed)	9 Aug (Sat)	9 Sep (Tue)	00:20 4.93
02:10 1.76	02:30 1.59	03:50 1.03	05:10 0.33	05:30 0.32
09:10 3.94	09:30 4.09	11:10 4.56	12:20 5.03	12:40 5.05
14:30 1.61	14:50 1.50	16:10 1.03	17:30 0.37	17:50 0.33
21:30 4.21	22:00 4.32	23:20 4.69		
			10 Sep (Wed)	10 Oct (Fri)
10 Jun (Tue)	10 Jul (Thu)	10 Aug (Sun)	00:30 5.00	01:00 4.96
03:00 1.54	03:20 1.33	04:40 0.66	05:50 0.14	06:20 0.34
10:00 4.13	10:30 4.30	12:00 4.81	13:00 5.12	13:20 5.01
15:20 1.42	15:40 1.29	17:00 0.70	18:20 0.25	18:40 0.39
22:30 4.39	22:50 4.51			
		11 Aug (Mon)	11 Sep (Thu)	11 Oct (Sat)
11 Jun (Wed)	11 Jul (Fri)	00:10 4.88	01:20 5.03	01:50 4.89
03:50 1.26	04:10 1.01	05:30 0.33	06:40 0.15	07:00 0.52
11:00 4.36	11:30 4.55	12:40 5.00	13:50 5.09	14:10 4.88
16:10 1.18	16:30 1.00	17:50 0.43	19:00 0.31	19:20 0.59
23:10 4.58	23:40 4.72			
		12 Aug (Tue)	12 Sep (Fri)	12 Oct (Sun)
12 Jun (Thu)	12 Jul (Sat)	00:50 5.00	02:00 4.96	02:30 4.75



04:30 0.98	05:00 0.69	06:10 0.14	07:20 0.34	07:40 0.82
11:40 4.55	12:10 4.76	13:20 5.09	14:30 4.96	14:50 4.68
16:50 0.97	17:20 0.75	18:40 0.32	19:50 0.55	20:10 0.89
00:00 4.73				
	13 Jul (Sun)	13 Aug (Wed)	13 Sep (Sat)	13 Oct (Mon)
13 Jun (Fri)	00:20 4.85	01:40 5.03	02:50 4.79	03:20 4.54
05:20 0.71	05:40 0.42	07:00 0.12	08:10 0.67	08:30 1.17
12:30 4.73	13:00 4.91	14:10 5.08	15:20 4.75	15:30 4.42
17:40 0.77	18:10 0.57	19:20 0.37	20:40 0.88	21:00 1.23
14 Jun (Sat)	14 Jul (Mon)	14 Aug (Thu)	14 Sep (Sun)	14 Oct (Tue)
00:40 4.83	01:10 4.94	02:30 4.95	03:40 4.56	04:10 4.29
06:00 0.52	06:30 0.26	07:50 0.29	09:00 1.06	09:20 1.53
13:10 4.83	13:40 4.99	15:00 4.97	16:10 4.48	16:20 4.13
18:20 0.67	18:50 0.50	20:10 0.59	21:30 1.24	21:50 1.55
15 Jun (Sun)	15 Jul (Tue)	15 Aug (Fri)	15 Sep (Mon)	15 Oct (Wed)
01:30 4.87	02:00 4.94	03:20 4.78	04:30 4.27	04:50 4.04
06:50 0.43	07:20 0.25	08:40 0.61	09:50 1.48	10:20 1.82
14:00 4.88	14:30 4.99	15:50 4.77	17:00 4.16	17:10 3.88
19:10 0.68	19:40 0.56	21:10 0.93	22:30 1.61	22:50 1.80
16 Jun (Mon)	16 Jul (Wed)	16 Aug (Sat)	16 Sep (Tue)	16 Oct (Thu)
02:10 4.84	02:50 4.86	04:10 4.55	05:30 4.00	05:50 3.83
07:40 0.46	08:10 0.40	09:30 0.99	11:00 1.80	11:30 2.06
14:50 4.85	15:30 4.90	16:40 4.52	17:50 3.90	18:10 3.68
20:00 0.79	20:40 0.76	22:00 1.27	23:30 1.85	00:00 1.98
17 Jun (Tue)	17 Jul (Thu)	17 Aug (Sun)	17 Sep (Wed)	17 Oct (Fri)
03:10 4.73	03:40 4.70	05:10 4.28	06:30 3.78	07:00 3.72
08:30 0.61	09:00 0.66	10:30 1.37	12:10 2.03	12:50 2.16
15:50 4.76	16:20 4.73	17:40 4.24	19:00 3.71	19:30 3.60
21:00 0.98	21:30 1.03	23:00 1.58		

18 Jun (Wed)	18 Jul (Fri)	18 Aug (Mon)	18 Sep (Thu)	18 Oct (Sat)
04:00 4.58	04:40 4.49	06:00 4.02	00:50 1.99	01:20 2.00
09:20 0.83	10:00 0.98	11:30 1.70	07:50 3.69	08:20 3.74
16:40 4.62	17:10 4.53	18:30 4.00	13:30 2.12	14:00 2.10
21:50 1.21	22:30 1.31		20:20 3.66	20:40 3.66
19 Jun (Thu)	19 Jul (Sat)	19 Aug (Tue)	19 Sep (Fri)	19 Oct (Sun)
05:00 4.39	05:40 4.26	00:10 1.81	02:00 1.98	02:20 1.91
10:20 1.08	11:00 1.31	07:10 3.81	09:00 3.75	09:20 3.87
17:40 4.46	18:10 4.30	12:40 1.93	14:40 2.05	14:50 1.95
23:00 1.41	23:40 1.57	19:40 3.83	21:30 3.75	21:40 3.81
20 Jun (Fri)	20 Jul (Sun)	20 Aug (Wed)	20 Sep (Sat)	20 Oct (Mon)
06:00 4.20	06:40 4.04	01:30 1.92	03:00 1.85	03:10 1.73
11:30 1.32	12:10 1.58	08:20 3.74	10:00 3.90	10:10 4.07
18:40 4.31	19:20 4.12	14:00 2.01	15:30 1.89	15:30 1.72
		20:50 3.80	22:20 3.91	22:30 4.02
21 Jun (Sat)	21 Jul (Mon)	21 Aug (Thu)	21 Sep (Sun)	21 Oct (Tue)
00:10 1.58	00:40 1.73	02:40 1.88	03:50 1.64	03:50 1.51
07:10 4.07	07:40 3.91	09:40 3.81	10:50 4.12	10:50 4.27
12:40 1.49	13:10 1.76	15:10 1.94	16:10 1.65	16:10 1.48
19:50 4.22	20:20 4.01	22:00 3.89	23:00 4.13	23:10 4.22
22 Jun (Sun)	22 Jul (Tue)	22 Aug (Fri)	22 Sep (Mon)	22 Oct (Wed)
01:20 1.64	02:00 1.78	03:30 1.76	04:20 1.41	04:20 1.28
08:20 4.01	08:50 3.87	10:30 3.94	11:30 4.31	11:30 4.46
13:50 1.57	14:20 1.81	15:50 1.81	16:40 1.42	16:40 1.23
20:50 4.20	21:20 4.00	22:40 4.01	23:40 4.30	23:40 4.41
23 Jun (Mon)	23 Jul (Wed)	23 Aug (Sat)	23 Sep (Tue)	23 Oct (Thu)
02:20 1.61	03:00 1.72	04:10 1.56	04:50 1.20	04:50 1.08
09:20 4.03	10:00 3.93	11:20 4.14	12:00 4.48	12:00 4.61

14:40 1.58	15:20 1.78	16:30 1.61	17:10 1.21	17:10 1.01
21:50 4.21	22:20 4.06	23:30 4.20		
24 Jun (Tue)	24 Jul (Thu)	24 Aug (Sun)	24 Sep (Wed)	24 Oct (Fri)
03:20 1.52	03:50 1.60	04:50 1.35	00:10 4.46	00:20 4.56
10:20 4.11	10:50 4.05	12:00 4.31	05:20 1.01	05:30 0.91
15:40 1.53	16:10 1.67	17:10 1.42	12:30 4.61	12:30 4.71
22:40 4.28	23:10 4.16		17:40 1.03	17:50 0.86
25 Jun (Wed)	25 Jul (Fri)	25 Aug (Mon)	25 Sep (Thu)	25 Oct (Sat)
04:10 1.40	04:30 1.44	05:20 1.17	00:40 4.56	00:50 4.65
11:10 4.21	11:40 4.19	12:30 4.45	06:00 0.88	06:00 0.82
16:30 1.45	16:50 1.54	17:40 1.26	13:00 4.68	13:10 4.75
23:30 4.34	23:50 4.27		18:10 0.93	18:20 0.76
26 Jun (Thu)	26 Jul (Sat)	26 Aug (Tue)	26 Sep (Fri)	26 Oct (Sun)
04:50 1.27	05:10 1.28	00:40 4.47	01:20 4.62	00:30 4.69
12:00 4.31	12:20 4.33	05:50 1.00	06:30 0.83	05:40 0.81
17:10 1.36	17:30 1.40	13:00 4.57	13:40 4.71	12:40 4.74
		18:10 1.11	18:50 0.89	18:00 0.76
27 Jun (Fri)	27 Jul (Sun)	27 Aug (Wed)	27 Sep (Sat)	27 Oct (Mon)
00:10 4.41	00:30 4.38	01:10 4.54	01:50 4.63	01:10 4.67
05:30 1.16	05:50 1.14	06:30 0.91	07:00 0.86	06:20 0.89
12:30 4.39	12:50 4.44	13:40 4.62	14:10 4.68	13:20 4.68
17:40 1.30	18:00 1.29	18:40 1.05	19:20 0.93	18:40 0.84
28 Jun (Sat)	28 Jul (Mon)	28 Aug (Thu)	28 Sep (Sun)	28 Oct (Tue)
00:50 4.45	01:00 4.45	01:40 4.57	02:30 4.59	01:50 4.60
06:00 1.08	06:20 1.03	07:00 0.88	07:40 0.96	07:00 1.06
13:20 4.45	13:30 4.51	14:10 4.63	14:50 4.60	14:10 4.55
18:20 1.26	18:40 1.22	19:20 1.05	20:00 1.03	19:30 1.00
29 Jun (Sun)	29 Jul (Tue)	29 Aug (Fri)	29 Sep (Mon)	29 Oct (Wed)
		02:20 4.55		

01:20 4.47  
06:40 1.04  
13:50 4.47  
19:00 1.27

30 Jun (Mon)  
02:00 4.45  
07:20 1.05  
14:30 4.46  
19:40 1.32

BST

01:40 4.49  
06:50 0.98  
14:00 4.54  
19:10 1.20

30 Jul (Wed)  
02:10 4.48  
07:30 0.99  
14:40 4.53  
19:40 1.24

31 Jul (Thu)  
02:40 4.43  
08:00 1.06  
15:10 4.48  
20:20 1.32

BST

07:30 0.93  
14:40 4.59  
19:50 1.12

30 Aug (Sat)

02:50 4.49  
08:10 1.04  
15:10 4.52  
20:30 1.22

31 Aug (Sun)

03:30 4.39  
08:40 1.19  
15:50 4.41  
21:10 1.36

BST

03:10 4.50  
08:20 1.12  
15:30 4.48  
20:40 1.18

30 Sep (Tue)

03:50 4.36  
09:10 1.35  
16:10 4.30  
21:40 1.39

BST

02:40 4.47  
07:50 1.28  
15:00 4.37  
20:20 1.21

30 Oct (Thu)

03:30 4.33  
08:50 1.50  
15:50 4.20  
21:20 1.38

31 Oct (Fri)

04:40 4.19  
10:00 1.69  
17:00 4.04  
22:40 1.52

BST

BST ends

1 Nov (Sat)  
05:50 4.14  
11:20 1.74  
18:20 4.00  
23:50 1.52

2 Nov (Sun)  
07:00 4.20  
12:30 1.64  
19:30 4.09

3 Nov (Mon)  
01:00 1.39  
08:20 4.36  
13:40 1.41  
20:40 4.29

4 Nov (Tue)  
02:00 1.18  
09:10 4.55  
14:30 1.14  
21:30 4.48

5 Nov (Wed)  
02:50 0.94  
10:00 4.73  
15:10 0.85  
22:20 4.66

6 Nov (Thu)  
03:30 0.75  
10:40 4.84  
15:50 0.66

1 Dec (Mon)  
06:40 4.25  
12:10 1.62  
19:10 4.06

2 Dec (Tue)  
00:40 1.46  
07:50 4.30  
13:20 1.50  
20:20 4.16

3 Dec (Wed)  
01:40 1.37  
08:50 4.41  
14:10 1.31  
21:20 4.31

4 Dec (Thu)  
02:30 1.24  
09:40 4.52  
15:00 1.13  
22:10 4.43

5 Dec (Fri)  
03:20 1.10  
10:30 4.62  
15:40 0.94  
23:00 4.56

6 Dec (Sat)  
04:00 1.01  
11:10 4.67  
16:20 0.84

23:00 4.77

23:30 4.61

7 Nov (Fri)

7 Dec (Sun)

04:20 0.64

04:40 0.98

11:20 4.89

11:50 4.67

16:40 0.55

17:10 0.81

23:50 4.81

8 Dec (Mon)

8 Nov (Sat)

00:20 4.63

05:00 0.65

05:20 1.01

12:00 4.86

12:30 4.63

17:20 0.58

17:40 0.84

9 Nov (Sun)

9 Dec (Tue)

00:30 4.77

01:00 4.60

05:40 0.77

06:00 1.10

12:40 4.76

13:10 4.55

18:00 0.71

18:20 0.94

10 Nov (Mon)

10 Dec (Wed)

01:10 4.67

01:40 4.52

06:20 0.98

06:40 1.25

13:30 4.60

13:40 4.42

18:40 0.93

19:00 1.10

11 Nov (Tue)

11 Dec (Thu)

02:00 4.52

02:20 4.41

07:10 1.24

07:30 1.43

14:10 4.40

14:20 4.28

19:30 1.18

19:50 1.27

12 Nov (Wed)

12 Dec (Fri)

02:40 4.33

02:50 4.28

07:50 1.52  
14:50 4.17  
20:20 1.44

08:10 1.61  
15:00 4.11  
20:30 1.46

13 Nov (Thu)

03:20 4.13  
08:50 1.77  
15:40 3.95  
21:10 1.67

13 Dec (Sat)

03:40 4.14  
09:00 1.78  
15:50 3.94  
21:20 1.64

14 Nov (Fri)

04:10 3.96  
09:40 1.97  
16:30 3.76  
22:10 1.85

14 Dec (Sun)

04:30 4.00  
09:50 1.93  
16:40 3.79  
22:20 1.79

15 Nov (Sat)

05:10 3.83  
10:50 2.09  
17:30 3.65  
23:20 1.95

15 Dec (Mon)

05:20 3.91  
11:00 2.01  
17:40 3.71  
23:20 1.87

16 Nov (Sun)

06:20 3.79  
12:00 2.11  
18:40 3.63

16 Dec (Tue)

06:20 3.89  
12:00 2.01  
18:40 3.70

17 Nov (Mon)

00:20 1.92  
07:20 3.86  
13:00 2.00  
19:50 3.73

17 Dec (Wed)

00:20 1.85  
07:20 3.94  
13:00 1.91  
19:50 3.80

18 Nov (Tue)

01:20 1.81

08:20 4.01

13:50 1.81

20:40 3.90

18 Dec (Thu)

01:20 1.76

08:20 4.08

13:50 1.70

20:50 3.98

19 Nov (Wed)

02:10 1.64

09:10 4.19

14:30 1.58

21:30 4.10

19 Dec (Fri)

02:10 1.59

09:10 4.25

14:40 1.46

21:40 4.19

20 Nov (Thu)

02:50 1.42

09:50 4.38

15:10 1.32

22:10 4.32

20 Dec (Sat)

02:50 1.36

10:00 4.45

15:20 1.15

22:30 4.43

21 Nov (Fri)

03:20 1.22

10:30 4.54

15:50 1.07

22:50 4.49

21 Dec (Sun)

03:40 1.12

10:40 4.63

16:00 0.87

23:10 4.63

22 Nov (Sat)

04:00 1.01

11:10 4.68

16:20 0.84

23:30 4.64

22 Dec (Mon)

04:20 0.89

11:20 4.78

16:40 0.60

00:00 4.79

23 Nov (Sun)

04:40 0.87

11:40 4.77

23 Dec (Tue)

05:00 0.73

12:10 4.86



17:00 0.68

17:20 0.44

24 Nov (Mon)

24 Dec (Wed)

00:10 4.73

00:40 4.87

05:20 0.79

05:50 0.66

12:20 4.80

12:50 4.88

17:40 0.61

18:10 0.40

25 Nov (Tue)

25 Dec (Thu)

00:50 4.76

01:30 4.88

06:00 0.82

06:30 0.71

13:10 4.75

13:40 4.82

18:30 0.64

19:00 0.47

26 Nov (Wed)

26 Dec (Fri)

01:40 4.73

02:20 4.82

06:50 0.93

07:20 0.86

13:50 4.66

14:30 4.69

19:10 0.76

19:50 0.67

27 Nov (Thu)

27 Dec (Sat)

02:30 4.64

03:10 4.71

07:40 1.12

08:20 1.07

14:40 4.51

15:20 4.51

20:10 0.95

20:50 0.92

28 Nov (Fri)

28 Dec (Sun)

03:20 4.51

04:00 4.54

08:40 1.34

09:20 1.32

15:40 4.33

16:20 4.30

21:10 1.17

21:50 1.20

29 Nov (Sat)

29 Dec (Mon)

04:20 4.37  
09:40 1.53  
16:50 4.16  
22:20 1.35

05:10 4.37  
10:30 1.52  
17:30 4.12  
23:00 1.43

30 Nov (Sun)

05:30 4.27  
10:50 1.63  
18:00 4.06  
23:20 1.45

30 Dec (Tue)

06:10 4.24  
11:40 1.64  
18:40 4.01

UTC

31 Dec (Wed)

00:10 1.57  
07:20 4.18  
12:50 1.64  
19:50 4.00

UTC