

## GREENWICH MEAN TIME.

Hour.	Right Ascension.	Var. per Min.	Declination.	Var. per Min.	Hour.	Right Ascension.	Var. per Min.	Declination.	Var. per Min.
JANUARY 1.					JANUARY 3.				
	h m s	s	° ' "	"		h m s	s	° ' "	"
0	2 25 31.43	2.4241	+15 48 47.8	+ 8.524	0	4 28 3.08	2.6564	+20 26 46.1	+2.596
1	2 27 57.05	2.4300	15 57 16.5	8.432	1	4 30 42.55	2.6592	20 29 16.8	2.437
2	2 30 23.03	2.4359	16 5 39.6	8.338	2	4 33 22.18	2.6618	20 31 38.5	2.286
3	2 32 49.36	2.4418	16 13 57.0	8.243	3	4 36 1.96	2.6643	20 33 51.1	2.134
4	2 35 16.05	2.4477	16 22 8.7	8.145	4	4 38 41.89	2.6666	20 35 54.6	1.982
5	2 37 43.09	2.4535	16 30 14.4	8.046	5	4 41 21.95	2.6688	20 37 48.9	1.830
6	2 40 10.47	2.4593	16 38 14.2	7.947	6	4 44 2.15	2.6710	20 39 34.2	1.678
7	2 42 38.21	2.4652	16 46 8.0	7.846	7	4 46 42.47	2.6730	20 41 10.2	1.523
8	2 45 6.30	2.4710	16 53 55.7	7.743	8	4 49 22.91	2.6749	20 42 37.0	1.370
9	2 47 34.73	2.4768	17 1 37.2	7.639	9	4 52 3.46	2.6766	20 43 54.6	1.216
10	2 50 3.51	2.4825	17 9 12.4	7.533	10	4 54 44.10	2.6782	20 45 2.9	1.061
11	2 52 32.63	2.4883	17 16 41.2	7.426	11	4 57 24.84	2.6797	20 46 1.9	0.906
12	2 55 2.10	2.4939	17 24 3.5	7.318	12	5 0 5.66	2.6810	20 46 51.6	0.751
13	2 57 31.90	2.4996	17 31 19.3	7.208	13	5 2 46.56	2.6822	20 47 32.0	0.595
14	3 0 2.05	2.5053	17 38 28.5	7.097	14	5 5 27.52	2.6832	20 48 3.0	0.439
15	3 2 32.53	2.5108	17 45 31.0	6.984	15	5 8 8.54	2.6841	20 48 24.7	0.283
16	3 5 3.34	2.5163	17 52 26.6	6.870	16	5 10 49.61	2.6848	20 48 37.0	+0.127
17	3 7 34.49	2.5218	17 59 15.4	6.755	17	5 13 30.72	2.6855	20 48 39.9	-0.030
18	3 10 5.96	2.5273	18 5 57.2	6.638	18	5 16 11.87	2.6860	20 48 33.4	0.186
19	3 12 37.76	2.5327	18 12 32.0	6.521	19	5 18 53.04	2.6863	20 48 17.6	0.343
20	3 15 9.88	2.5380	18 18 59.7	6.402	20	5 21 34.23	2.6866	20 47 52.3	0.499
21	3 17 42.32	2.5433	18 25 20.2	6.281	21	5 24 15.43	2.6866	20 47 17.7	0.656
22	3 20 15.08	2.5486	18 31 33.4	6.158	22	5 26 56.62	2.6865	20 46 33.6	0.813
23	3 22 48.15	2.5538	+18 37 39.2	+6.035	23	5 29 37.81	2.6863	+20 45 40.2	-0.968
JANUARY 2.					JANUARY 4.				
	h m s	s	° ' "	"		h m s	s	° ' "	"
0	3 25 21.53	2.5589	+18 43 37.6	+5.911	0	5 32 18.98	2.6859	+20 44 37.5	-1.124
1	3 27 55.22	2.5639	18 49 28.5	5.785	1	5 35 0.12	2.6854	20 43 25.3	1.281
2	3 30 29.20	2.5689	18 55 11.8	5.658	2	5 37 41.23	2.6848	20 42 3.8	1.437
3	3 33 3.49	2.5738	19 0 47.5	5.530	3	5 40 22.30	2.6841	20 40 32.9	1.592
4	3 35 38.06	2.5787	19 6 15.4	5.400	4	5 43 3.32	2.6831	20 38 52.8	1.747
5	3 38 12.93	2.5834	19 11 35.5	5.269	5	5 45 44.27	2.6820	20 37 3.3	1.903
6	3 40 48.07	2.5881	19 16 47.7	5.137	6	5 48 25.16	2.6809	20 35 4.5	2.057
7	3 43 23.50	2.5928	19 21 51.9	5.004	7	5 51 5.98	2.6795	20 32 56.5	2.211
8	3 45 59.20	2.5973	19 26 48.2	4.870	8	5 53 46.70	2.6780	20 30 39.2	2.365
9	3 48 35.17	2.6017	19 31 36.3	4.734	9	5 56 27.34	2.6765	20 28 12.7	2.518
10	3 51 11.40	2.6060	19 36 16.3	4.598	10	5 59 7.88	2.6748	20 25 37.0	2.671
11	3 53 47.89	2.6103	19 40 48.1	4.461	11	6 1 48.31	2.6728	20 22 52.2	2.823
12	3 56 24.63	2.6145	19 45 11.6	4.323	12	6 4 28.62	2.6708	20 19 58.3	2.975
13	3 59 1.63	2.6186	19 49 26.8	4.183	13	6 7 8.81	2.6687	20 16 55.2	3.127
14	4 1 38.86	2.6225	19 53 33.5	4.042	14	6 9 48.87	2.6664	20 13 43.1	3.277
15	4 4 16.33	2.6263	19 57 31.8	3.900	15	6 12 28.78	2.6640	20 10 22.0	3.426
16	4 6 54.02	2.6301	20 1 21.5	3.758	16	6 15 8.55	2.6615	20 6 52.0	3.575
17	4 9 31.94	2.6338	20 5 2.7	3.614	17	6 17 48.16	2.6588	20 3 13.0	3.724
18	4 12 10.08	2.6373	20 8 35.2	3.469	18	6 20 27.61	2.6561	19 59 25.1	3.871
19	4 14 48.42	2.6408	20 11 59.0	3.324	19	6 23 6.89	2.6533	19 55 28.5	4.018
20	4 17 26.97	2.6442	20 15 14.1	3.178	20	6 25 46.00	2.6503	19 51 23.0	4.163
21	4 20 5.72	2.6474	20 18 20.4	3.032	21	6 28 24.92	2.6471	19 47 8.9	4.306
22	4 22 44.66	2.6505	20 21 17.9	2.884	22	6 31 3.65	2.6438	19 42 46.1	4.453
23	4 25 23.78	2.6535	20 24 6.5	2.735	23	6 33 42.18	2.6404	19 38 14.6	4.595
24	4 28 3.08	2.6564	+20 26 46.1	+2.586	24	6 36 20.50	2.6369	+19 33 34.7	-4.737