

with clock times in UT/GMT. The year -500 astronomical counting style corresponds to year 501 B.C.E historical counting style.

Table with 12 columns representing months from Jan. -500j to Oct. -495j. Each cell contains moon sign change times in UT/GMT, often with a symbol (like ♀ or ♂) and a time value (e.g., 12 2:53).

with clock times in UT/GMT. The year -494 astronomical counting style corresponds to year 495 B.C.E historical counting style.

May -494j 1 18:05 3 20:57 5 23:44 8 03:17 10 08:53 12 17:34 15 05:15 17 18:05 20 05:20 22 13:23 24 18:20 26 21:20 28 23:43 31 02:20	Nov. -494j 11 06:52 13 09:03 15 11:08 17 14:37 19 20:59 22 06:54 24 19:19 27 07:44 29 17:53	May -493j 18 15:56 20 20:08 22 22:00 30 02:09	Dec. -493j 1 05:05 3 06:12 5 06:57 7 09:03 9 14:04 11 22:45 14 10:25 16 23:04 19 10:34 21 19:47 24 02:40 26 07:36 28 11:06 30 13:41	June -492j 11 15:56 13 16:15 15 16:58 17 17:47 19 20:01 22 11:55 25 00:17 27 12:59 30 00:14	Dec. -492j 22 02:59 24 02:49 26 03:38 28 07:18 30 14:57	July -491j 1 12:26 3 12:06 5 11:46 7 13:30 9 18:54 12 04:21 14 16:40 17 05:43 19 17:48 22 04:10 24 12:26 26 18:14 28 21:23 30 22:20	Jan. -490j 10 23:05 12 22:07 14 22:09 17 01:16 19 08:30 21 19:22 24 08:02 26 20:43 29 08:25 31 18:37	July -490j 23 07:10 25 06:33 27 08:10 31 22:23	Feb. -489j 1 17:22 3 17:45 5 20:59 8 03:43 10 13:23 13 00:56 15 13:28 18 02:10 20 13:47 22 22:40 25 03:40 27 05:05	Aug. -489j 14 02:35 16 04:43 18 09:37 20 17:19 23 03:19 25 15:07 28 04:03 30 16:51	Feb. -488j 23 14:59 25 18:08 27 23:46	March -488j 1 07:53 3 18:16 6 06:25 8 19:26 11 07:32 13 16:49 15 22:13 18 00:08 20 00:04 21 23:51 23 11:17 26 05:40 28 19:26 31 00:12	Sept. -489j 2 03:29 4 10:21 6 13:13 8 13:18 10 12:35 12 13:03 14 16:18 16 23:05 19 09:04 21 21:10 24 10:08 26 22:48 29 09:53	Apr. -488j 2 12:40 5 01:39 7 13:51 9 23:57 12 06:51 14 10:16 16 10:58 18 10:26 20 10:37 22 13:21 24 19:53 27 06:09 29 18:44	May -488j 2 07:42 4 19:38 7 05:44 9 13:27 11 18:23 13 20:37 15 20:59 17 21:03 19 22:45 22 03:51 24 13:01 27 01:15 29 14:12	June -488j 1 01:52 3 11:26 5 18:55 8 00:27 10 04:02 12 05:54 14 06:58 16 08:44 18 13:01 20 21:05 23 08:37 25 21:30 28 09:08 30 18:13	July -488j 3 00:53 5 05:51 7 09:40 9 12:35 11 15:00 13 17:46 15 22:16 18 05:48 20 16:40 23 05:24 25 17:22 28 02:32 30 08:35	Aug. -488j 1 12:27 3 15:17 5 17:58 7 21:03 9 00:58 12 06:25 14 14:13 17 00:47 19 13:22 22 01:50 24 14:13 26 18:05 28 21:18 30 22:49	Sept. -488j 1 12:27 3 15:17 5 17:58 7 21:03 9 00:58 12 06:25 14 14:13 17 00:47 19 13:22 22 01:50 24 14:13 26 18:05 28 21:18 30 22:49	Oct. -489j 1 18:06 3 22:46 6 00:17 7 23:59 9 23:42 12 01:21 14 06:26 16 15:26 19 03:24 21 16:26 24 04:48 26 15:29 28 23:56 31 05:51	Nov. -489j 2 09:13 4 10:31 6 10:57 8 12:07 10 15:50 12 23:20 15 10:31 17 23:31 20 11:49 22 21:54 25 05:34 27 11:17 29 15:28	Dec. -489j 3 20:27 5 22:31 8 02:04 10 08:34 12 18:43 15 07:23 17 19:56 20 05:56 22 12:50 24 17:24 26 20:51 28 23:59 31 03:12	Jan. -488j 2 06:43 4 11:13 6 17:47 9 03:21 11 15:36 14 04:25 16 15:03 18 22:02 21 01:48 23 03:52 25 05:46 27 08:32 29 12:38 31 18:13	Feb. -488j 3 01:39 5 11:24 7 23:26 10 12:25 12 23:56 15 07:54 17 11:59 19 13:21 21 13:47	March -488j 5 01:39 7 23:26 10 12:25 12 23:56 15 07:54 17 11:59 19 13:21 21 13:47	Apr. -488j 7 23:26 10 12:25 12 23:56 15 07:54 17 11:59 19 13:21 21 13:47	May -488j 9 23:26 12 23:56 15 07:54 17 11:59 19 13:21 21 13:47	June -488j 11 23:56 14 07:54 17 11:59 19 13:21 21 13:47	July -488j 13 23:56 16 07:54 19 13:21 21 13:47	Aug. -488j 15 23:56 18 07:54 21 13:47	Sept. -488j 17 23:56 20 07:54 23 13:47	Oct. -489j 19 23:56 22 07:54 25 13:47	Nov. -489j 21 23:56 24 07:54 27 13:47	Dec. -489j 23 23:56 26 07:54 29 13:47	Jan. -490j 25 23:56 28 07:54 31 13:47	Feb. -490j 27 23:56 30 07:54	March -490j 29 23:56	April -490j 31 23:56	May -490j 1 23:56	June -490j 3 23:56	July -490j 5 23:56	Aug. -490j 7 23:56	Sept. -490j 9 23:56	Oct. -490j 11 23:56	Nov. -490j 13 23:56	Dec. -490j 15 23:56	Jan. -491j 17 23:56	Feb. -491j 19 23:56	March -491j 21 23:56	April -491j 23 23:56	May -491j 25 23:56	June -491j 27 23:56	July -491j 29 23:56	Aug. -491j 31 23:56	Sept. -491j 1 23:56	Oct. -491j 3 23:56	Nov. -491j 5 23:56	Dec. -491j 7 23:56	Jan. -492j 9 23:56	Feb. -492j 11 23:56	March -492j 13 23:56	April -492j 15 23:56	May -492j 17 23:56	June -492j 19 23:56	July -492j 21 23:56	Aug. -492j 23 23:56	Sept. -492j 25 23:56	Oct. -492j 27 23:56	Nov. -492j 29 23:56	Dec. -492j 31 23:56	Jan. -493j 1 23:56	Feb. -493j 3 23:56	March -493j 5 23:56	April -493j 7 23:56	May -493j 9 23:56	June -493j 11 23:56	July -493j 13 23:56	Aug. -493j 15 23:56	Sept. -493j 17 23:56	Oct. -493j 19 23:56	Nov. -493j 21 23:56	Dec. -493j 23 23:56	Jan. -494j 25 23:56	Feb. -494j 27 23:56	March -494j 29 23:56	April -494j 31 23:56	May -494j 1 23:56	June -494j 3 23:56	July -494j 5 23:56	Aug. -494j 7 23:56	Sept. -494j 9 23:56	Oct. -494j 11 23:56	Nov. -494j 13 23:56	Dec. -494j 15 23:56	Jan. -495j 17 23:56	Feb. -495j 19 23:56	March -495j 21 23:56	April -495j 23 23:56	May -495j 25 23:56	June -495j 27 23:56	July -495j 29 23:56	Aug. -495j 31 23:56	Sept. -495j 1 23:56	Oct. -495j 3 23:56	Nov. -495j 5 23:56	Dec. -495j 7 23:56	Jan. -496j 9 23:56	Feb. -496j 11 23:56	March -496j 13 23:56	April -496j 15 23:56	May -496j 17 23:56	June -496j 19 23:56	July -496j 21 23:56	Aug. -496j 23 23:56	Sept. -496j 25 23:56	Oct. -496j 27 23:56	Nov. -496j 29 23:56	Dec. -496j 31 23:56	Jan. -497j 1 23:56	Feb. -497j 3 23:56	March -497j 5 23:56	April -497j 7 23:56	May -497j 9 23:56	June -497j 11 23:56	July -497j 13 23:56	Aug. -497j 15 23:56	Sept. -497j 17 23:56	Oct. -497j 19 23:56	Nov. -497j 21 23:56	Dec. -497j 23 23:56	Jan. -498j 25 23:56	Feb. -498j 27 23:56	March -498j 29 23:56	April -498j 31 23:56	May -498j 1 23:56	June -498j 3 23:56	July -498j 5 23:56	Aug. -498j 7 23:56	Sept. -498j 9 23:56	Oct. -498j 11 23:56	Nov. -498j 13 23:56	Dec. -498j 15 23:56	Jan. -499j 17 23:56	Feb. -499j 19 23:56	March -499j 21 23:56	April -499j 23 23:56	May -499j 25 23:56	June -499j 27 23:56	July -499j 29 23:56	Aug. -499j 31 23:56	Sept. -499j 1 23:56	Oct. -499j 3 23:56	Nov. -499j 5 23:56	Dec. -499j 7 23:56	Jan. -500j 9 23:56	Feb. -500j 11 23:56	March -500j 13 23:56	April -500j 15 23:56	May -500j 17 23:56	June -500j 19 23:56	July -500j 21 23:56	Aug. -500j 23 23:56	Sept. -500j 25 23:56	Oct. -500j 27 23:56	Nov. -500j 29 23:56	Dec. -500j 31 23:56
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with clock times in UT/GMT. The year -488 astronomical counting style corresponds to year 489 B.C.E historical counting style.

Sept. -488j 2 00:07 4 02:28 6 06:36 8 12:53 10 21:28 13 08:17 15 20:48 18 09:36 20 20:38 23 04:11 25 07:56 27 08:54 29 08:46	March -487j H 14 12:58 I 16 15:51 II 18 20:30 III 21 03:12 IV 23 12:06 V 25 23:04 VI 28 11:28 VII 30 23:44	Sept. -487j O 24 00:47 P 26 04:22 Q 28 09:22 R 30 16:10	Apr. -486j S 1 08:45 T 3 11:24 U 5 14:19 V 7 17:58 W 9 22:49 X 12 05:33 Y 14 14:50 Z 17 02:37 AA 19 15:18 AB 22 02:20 AC 24 09:55 AD 26 14:00 AE 28 15:54 AF 30 17:20	Oct. -486j AG 11 20:48 AH 13 23:55 AI 16 02:46 AJ 18 05:55 AK 20 10:24 AL 22 17:27 AM 25 03:46 AN 27 16:27 AO 30 04:52	Apr. -485j AP 23 10:25 AQ 25 13:01 AR 27 15:03 AS 29 17:38	Nov. -485j AT 2 22:55 AU 5 00:26 AV 7 01:34 AW 9 04:08 AX 11 09:51 AY 13 19:27 AZ 16 07:48 BA 18 20:23 BB 21 06:58 BC 23 14:56 BD 25 20:46 BE 28 01:12 BF 30 04:40	May -484j BG 14 10:30 BH 16 10:58 BI 18 12:00 BJ 20 15:28 BK 22 22:37 BL 25 09:18 BM 27 21:49 BN 30 09:55	Nov. -484j BO 23 20:55 BP 25 20:54 BQ 27 22:24 BR 30 03:05	June -483j BS 1 05:40 BT 3 06:47 BU 5 06:33 BV 7 06:48 BW 9 09:20 BX 11 15:24 BY 14 01:10 BZ 16 13:25 CA 19 02:16 CB 21 14:05 CC 23 23:57 CD 26 07:27 CE 28 12:25 CF 30 15:07	Dec. -483j CG 11 16:56 CH 13 17:07 CI 15 16:33 CJ 17 17:14 CK 19 20:52 CL 22 04:27 CM 24 15:33 CN 27 04:28 CO 29 17:15	June -482j CP 23 02:39 CQ 25 02:10 CR 27 01:50 CS 29 03:36	July -482j CT 1 08:57 CU 3 18:11 CV 6 06:13 CW 8 19:16 CX 11 07:47 CY 13 18:49 CZ 16 03:37 DA 18 09:33 DB 20 12:25 DC 22 12:53 DD 24 12:30 DE 26 13:14 DF 28 17:03 DG 31 01:02	Jan. -482j DH 1 04:40 DI 3 14:02 DJ 5 20:59 DK 8 01:19 DL 10 03:16 DM 12 03:44 DN 14 04:16 DO 16 06:44 DP 18 12:44 DQ 20 22:44 DR 23 11:23 DS 26 00:13 DT 28 11:14 DU 30 19:53	Aug. -482j DV 1 23:35 DW 3 16:37 DX 5 01:36 DY 7 13:56 DZ 10 00:30 EA 12 09:06 EB 14 15:39 EC 16 19:57 ED 18 22:04 EE 20 22:47 EF 22 23:41 EG 25 02:41 EH 27 09:22 EI 29 19:58	Sept. -482j EJ 1 08:45 EK 3 21:05 EL 5 07:16 EM 8 15:04 EN 10 31:02 EO 12 01:46 EP 14 05:51 EQ 16 07:06 ER 18 03:46 ES 20 07:15 ET 22 12:32 EU 24 17:06 EV 26 12:02 EW 28 17:00 EX 30 19:50	March -482j EY 1 08:45 EZ 3 12:45 FA 5 16:03 FB 7 19:05 FC 9 22:07 FD 12 01:50 FE 14 07:21 FF 16 15:46 FG 19 03:15 FH 21 16:09 FI 24 03:43 FJ 26 12:02 FK 28 17:00 FL 30 19:50	Oct. -482j FM 1 05:13 FN 3 15:35 FO 5 22:54 FP 8 03:46 FQ 10 07:15 FR 12 10:12 FS 14 13:08 FT 16 16:31 FU 18 21:03 FV 20 03:37 FW 23 12:59 FX 26 00:53 FY 28 13:38 FZ 31 00:44	Apr. -482j GA 1 21:57 GB 4 00:26 GC 6 03:52 GD 8 08:34 GE 10 15:01 GF 12 23:47 GG 15 11:05 GH 17 23:58 GI 20 12:08 GJ 22 21:21 GK 25 02:43 GL 27 05:03 GM 29 05:54 GN 31 05:54	Nov. -482j GO 1 08:35 GP 3 16:58 GQ 5 18:35 GR 8 16:35 GS 10 18:35 GT 12 22:04 GU 14 16:31 GV 16 01:48 GW 18 05:58 GX 20 04:31 GY 22 18:07 GZ 24 21:26 HA 27 09:21 HB 29 18:25	Dec. -482j HC 1 23:36 HD 3 13:16 HE 5 01:58 HF 7 12:59 HG 9 00:19 HH 11 13:16 HI 13 01:58 HJ 15 16:32 HK 17 02:50 HL 19 15:31 HM 21 12:48 HN 23 12:48 HO 25 13:16 HP 27 14:01 HQ 29 09:44 HR 31 12:48
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with clock times in UT/GMT. The year -481 astronomical counting style corresponds to year 482 B.C.E historical counting style.

Jan. -481j 2 12:58 4 12:06 6 12:19 8 15:33 10 22:44 13 09:17 15 21:41 18 10:25 20 22:34 23 09:19 25 17:35 27 22:27 29 23:59 31 23:27	July -481j 14 21:24 16 21:06 18 22:58 21 04:13 23 12:49 25 23:50 28 12:05 31 00:46	Jan. -480j 24 07:46 26 08:35 28 12:04 30 18:40	Aug. -480j 2 16:57 4 17:45 6 20:15 9 01:06 11 08:16 13 17:31 16 04:42 18 17:27 21 06:22 23 17:13 26 00:10 28 03:03 30 03:14	Feb. -479j 12 04:45 14 06:34 16 09:57 18 15:16 20 22:35 23 08:05 25 19:43 28 08:39	Aug. -479j 24 15:57 26 18:39 28 22:30 31 03:58	March -478j 2 00:05 4 02:48 6 05:12 8 08:06 10 12:06 12 17:47 15 01:43 17 12:06 20 00:20 22 12:38 24 22:51 27 05:39 29 09:10 31 10:37	Sept. -478j 11 11:30 13 14:32 15 17:13 17 20:13 20 00:12 22 05:58 24 14:17 27 01:15 29 13:45	March -477j 24 00:49 26 03:50 28 06:29 30 09:20	Oct. -477j 1 09:00 3 13:09 5 16:04 7 18:13 9 20:24 11 23:59 14 06:24 16 16:21 19 04:53 21 17:27 24 03:37 26 10:38 28 15:13 30 18:33	Apr. -476j 11 22:47 14 02:35 16 04:45 18 06:02 20 07:46 22 11:43 24 19:16 27 06:25 29 19:20	Oct. -476j 22 11:46 24 14:32 26 15:22 28 15:42 30 17:34	Nov. -476j 1 22:48 4 08:09 6 20:29 9 09:13 11 20:18 14 05:07 16 11:59 18 17:16 20 21:04 22 23:31 25 01:19 27 03:49 29 08:39	May -476j 2 07:17 4 16:39 6 23:23 9 04:16 11 08:02 13 11:04 15 13:40 17 16:32 19 20:54 22 04:04 24 14:34 27 03:13 29 15:27	June -476j 1 00:59 3 07:18 5 11:10 7 13:52 9 16:25 11 19:26 13 23:20 16 04:42 18 12:17 20 22:36 23 11:03 25 23:39 28 09:57 30 16:39	Jan. -475j 3 01:33 5 13:30 7 22:42 10 04:28 12 07:31 14 09:12 16 10:55 18 13:44 20 18:20 23 00:59 25 09:51 27 20:50 30 09:18	July -476j 2 20:05 4 21:38 6 22:49 9 00:57 11 04:50 13 10:54 15 19:16 18 05:54 20 18:19 23 07:10 25 18:24 28 02:17 30 06:22	Aug. -476j 1 07:34 3 07:33 5 08:04 7 10:43 9 16:24 12 01:09 14 12:18 16 00:52 19 13:43 22 01:31 24 10:44 26 16:22 28 18:28 30 18:16	Sept. -476j 1 17:38 3 18:35 5 22:49 8 06:56 10 18:13 13 06:59 15 19:44 18 07:27 20 17:20 23 00:29 25 04:21 27 05:19 29 04:47	Oct. -476j 1 14:53 3 15:36 5 17:03 8 00:34 10 14:53 13 02:01 15 19:45 18 04:38 20 21:50 23 09:36 25 12:56 28 14:94 30 17:03	Nov. -475j 1 21:45 3 16:48 5 12:48 8 04:33 10 05:32 13 01:38 15 02:16 18 03:59 20 10:48 23 03:36 25 06:17 28 09:04 30 11:59	Feb. -475j 1 21:45 3 16:48 5 12:48 8 04:33 10 05:32 13 01:38 15 02:16 18 03:59 20 10:48 23 03:36 25 06:17 28 09:04 30 11:59	March -475j 1 04:45 3 16:01 6 00:14 8 04:33 10 05:32 13 01:38 15 02:16 18 03:59 20 10:48 23 03:36 25 06:17 28 09:04 30 11:59	Apr. -475j 2 07:40 4 13:38 6 15:59 9 02:07 11 04:53 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	May -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	June -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	July -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	Aug. -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	Sept. -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	Oct. -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53	Nov. -475j 1 03:43 3 16:14 6 05:20 8 17:28 11 03:46 13 11:44 15 16:58 17 19:31 19 20:07 21 20:12 23 21:37 26 02:12 28 10:52 30 22:53
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with clock times in UT/GMT. The year -475 astronomical counting style corresponds to year 476 B.C.E historical counting style.

May -475j 1 20:30 4 00:28 6 01:41 8 01:30 10 01:53 12 04:52 14 11:44 16 22:18 19 10:50 21 23:12 24 10:04 26 19:02 29 01:59 31 06:44	Nov. -475j 11 09:11 13 11:25 15 11:17 17 10:42 19 11:50 21 16:23 24 00:54 26 12:26 29 01:07 31 02:50	May -474j 1 20:31 3 07:06 5 06:59 7 06:20 9 07:06 11 10:53 13 18:26 15 05:15 17 17:56 19 06:53 21 15:44 23 04:02 25 14:43 27 22:55 30 04:08 31 02:32	Dec. -474j 1 04:47 3 07:06 5 06:59 7 06:20 9 07:06 11 10:53 13 18:26 15 05:15 17 17:56 19 06:53 21 15:44 23 04:02 25 14:43 27 22:55 30 04:08 31 02:32	June -473j 1 12:15 3 14:64 5 16:17 7 18:16 9 20:18 11 22:28 13 25:08 15 27:01 17 30:08 19 22:32 21 25:08 23 27:01 25 30:08 27 22:32 29 25:08 31 27:01	Dec. -473j 1 23:02 3 25:49 5 27:02 7 29:02 9 31:06 11 23:02 13 25:49 15 27:02 17 29:02 19 31:06 21 23:02 23 25:49 25 27:02 27 29:02 29 31:06 31 23:02	July -472j 1 10:01 3 11:52 5 11:54 7 12:07 9 14:16 11 19:24 13 23:32 15 33:55 17 40:17 19 41:26 21 42:26 23 43:26 25 44:26 27 45:26 29 46:26 31 47:26	Jan. -471j 1 10:21 3 12:18 5 12:25 7 12:35 9 12:45 11 12:55 13 13:05 15 13:15 17 13:25 19 13:35 21 13:45 23 13:55 25 14:05 27 14:15 29 14:25 31 14:35	July -471j 1 06:38 3 07:56 5 09:23 7 10:51 9 12:19 11 13:47 13 15:15 15 16:43 17 18:11 19 19:39 21 21:07 23 22:35 25 24:03 27 25:31 29 27:00 31 28:28	Feb. -470j 1 18:10 3 20:09 5 22:35 7 25:02 9 27:30 11 30:00 13 32:30 15 35:00 17 37:30 19 40:00 21 42:30 23 45:00 25 47:30 27 50:00 29 52:30 31 55:00	Aug. -470j 1 05:17 3 08:07 5 11:00 7 14:00 9 17:00 11 20:00 13 23:00 15 26:00 17 29:00 19 32:00 21 35:00 23 38:00 25 41:00 27 44:00 29 47:00 31 50:00	Feb. -469j 1 18:44 3 21:38 5 24:32 7 27:26 9 30:20 11 33:14 13 36:08 15 39:02 17 41:56 19 44:50 21 47:44 23 50:38 25 53:32 27 56:26 29 59:20 31 62:14														
June -475j 2 09:24 4 10:39 6 11:52 8 14:43 10 20:39 13 06:11 15 18:14 18 06:37 20 17:23 23 01:43 25 07:48 27 12:07 29 15:12	Dec. -475j 1 13:19 4 00:07 6 09:01 8 15:32 10 19:24 12 21:03 14 21:37 16 22:49 19 02:19 21 09:21 23 19:54 26 08:25 28 20:40 31 07:04	June -474j 3 05:09 5 14:46 8 02:50 10 15:44 13 04:02 15 14:43 17 22:55 20 04:08 22 06:32 24 07:04 26 07:17 28 08:56 30 13:33	Jan. -473j 1 17:59 3 17:51 5 17:56 7 20:09 10 02:01 12 11:52 15 00:26 17 13:25 20 01:04 22 10:38 24 18:03 26 23:18 29 02:27 31 03:56	July -473j 2 21:43 5 09:17 7 18:29 10 00:25 12 03:01 14 03:10 16 02:31 18 03:08 20 06:51 22 14:40 25 02:00 27 14:58 30 03:39	Feb. -472j 1 05:20 3 17:25 6 06:13 8 18:29 11 05:31 13 14:38 15 20:56 17 23:59 20 00:24 22 13:16 24 00:31 26 04:22 28 12:24	Aug. -472j 1 22:22 3 21:27 5 21:58 8 01:40 10 09:08 12 19:39 15 07:48 17 20:27 20 08:48 22 19:46 25 03:55 27 08:18 29 09:16 31 08:26	Sept. -472j 2 07:59 4 10:03 6 15:59 9 01:45 11 13:51 14 02:32 16 14:36 19 01:21 21 10:02 23 15:52 25 18:37 27 19:07 29 19:02	March -471j 1 23:59 4 10:16 6 16:56 8 19:42 10 19:41 12 18:52 14 19:22 16 22:53 19 06:09 21 16:37 24 04:56 26 17:41 29 05:47 31 16:13	April -471j 2 23:54 5 04:17 7 05:47 9 05:43 11 05:54 13 08:11 15 13:54 17 23:20 19 11:23 21 00:09 23 11:57 25 21:52 27 11:52 30 05:28	May -471j 2 10:38 4 13:36 6 15:02 8 16:06 10 18:15 12 23:00 15 17:16 17 18:40 19 20:73 21 19:08 23 19:08 25 04:29 27 11:17 29 16:02 31 19:27	June -471j 2 22:05 5 00:30 7 03:33 9 08:20 11 15:55 14 02:38 16 15:15 19 03:16 21 12:34 23 18:38 25 22:19 28 00:55 30 03:34	July -471j 2 06:50 4 11:02 6 16:37 9 00:19 11 10:41 13 23:12 15 11:42 18 21:39 21 03:45	Aug. -471j 2 03:33 5 16:17 8 04:08 11 12:59 14 01:22 16 11:47 18 19:01 20 23:15 23 01:36 25 03:22 27 05:44 29 07:55 31 09:11	Sept. -470j 1 11:20 3 22:36 6 06:32 8 11:03 10 13:15 12 14:38 14 16:32 16 19:51 19 01:07 21 08:34 23 18:18 26 06:06 28 18:59	Oct. -470j 1 07:02 3 16:14 5 21:35 7 23:37 9 23:48 11 23:59 14 01:52 16 06:34 18 14:23 21 00:46 23 12:51 26 01:42 28 14:08 31 00:35	Nov. -470j 2 07:37 4 10:50 6 11:07 8 10:15 10 10:19 12 13:16 14 20:09 17 06:33 19 18:58 22 07:50 24 20:07 27 06:59 29 15:26	Dec. -470j 1 20:33 3 22:18 5 21:51 7 21:09 9 22:27 12 03:33 14 12:54 17 01:10 19 14:06 22 02:07 24 12:34 26 21:13 29 03:33 31 07:09	Jan. -469j 4 08:22 6 09:15 8 12:59 10 20:49 13 08:14 15 21:06 18 09:02 20 18:58 23 02:51 25 08:57 29 16:02 31 17:39	Feb. -469j 2 19:28 4 23:07 7 05:59 9 16:23 12 04:52 14 16:59 17 02:53 19 10:03 21 15:05	March -469j 2 03:33 4 08:09 6 15:06 9 00:55 11 12:59 14 01:22 16 11:47 18 19:01 20 23:15 23 01:36 25 03:22 27 05:44 29 07:55 31 09:11	April -469j 2 22:55 5 08:54 7 20:45 10 09:18 12 20:33 15 04:39 17 11:02 19 15:10 21 11:02 23 11:59 25 14:59 27 20:46 30 05:12	May -469j 2 15:44 5 03:42 7 16:19 10 04:12 12 13:34 15 09:42 18 20:20 21 04:46 23 13:34 26 01:42 28 14:08 31 00:35	June -469j 1 09:53 3 22:29 6 10:34 8 20:52 11 03:56 13 07:13 15 07:29 17 06:34 19 06:41 21 09:49 23 16:57 26 03:30 28 15:51	July -469j 1 04:25 3 16:17 6 02:43 8 10:46 10 15:37 12 17:21 14 17:02 16 17:02 18 19:01 20 23:10 23 10:13 25 18:12 28 10:51 30 22:25	Aug. -469j 2 08:20 4 16:17 6 21:56 9 01:09 11 02:30 13 03:17 15 05:12 17 09:54 19 18:15 22 05:39 24 18:12 27 05:43 29 15:03 31 22:11

with clock times in UT/GMT. The year -469 astronomical counting style corresponds to year 470 B.C.E historical counting style.

Sept. -469j 3 03:19 5 06:57 7 09:32 9 11:48 11 14:44 13 19:32 16 03:11 18 13:50 21 02:16 23 14:10 25 23:36 28 05:58 30 09:53	March -468j H 14 16:58 I 16 20:11 II 18 22:22 III 21 00:21 IV 23 03:13 V 25 08:18 VI 27 16:32 VII 30 03:49	Sept. -468j O 24 05:17 P 26 07:52 Q 28 09:14 R 30 10:34	Apr. -467j S 1 08:31 T 3 14:38 U 5 18:24 V 7 20:04 VI 9 20:38 VII 11 21:40 VIII 14 01:03 IX 16 08:13 X 18 19:11 XI 21 08:07 XII 23 20:27 I 26 06:32 II 28 14:14 III 30 20:01	Oct. -467j IV 11 21:53 V 14 03:15 VI 16 05:38 VII 18 05:52 VIII 20 05:36 IX 22 06:59 X 24 11:56 XI 26 21:08 XII 29 09:23 I 31 22:16	Apr. -466j II 23 11:43 III 25 15:35 IV 27 16:26 V 30 19:19 VI 3 00:27 VII 6 11:28 VIII 9 13:06 IX 11 15:43 X 13 18:25 XI 15 21:07 XII 17 24:31 I 20 02:58 II 22 14:27 III 24 00:09 IV 26 07:09	Nov. -466j V 2 23:55 VI 5 01:51 VII 7 01:19 VIII 9 00:27 IX 11 01:28 X 13 06:01 XI 15 14:31 XII 18 01:55 I 20 14:31 II 23 02:58 III 25 14:27 IV 28 00:09 V 30 07:09	May -465j VI 15 10:57 VII 17 11:32 VIII 19 10:47 IX 21 10:45 X 23 13:15 XI 25 19:17 XII 28 04:43 I 30 16:30	Nov. -465j II 24 20:55 III 26 20:46 IV 28 20:16 V 30 21:20	June -464j VI 1 00:53 VII 3 05:17 VIII 5 06:39 IX 7 06:33 X 9 06:50 XI 11 09:06 XII 13 14:23 I 15 23:27 II 17 19:42 III 19 09:54 IV 21 22:31 V 23 11:29 VI 25 23:27 VII 28 08:54 VIII 30 14:50	Dec. -464j IX 11 12:43 X 13 15:59 XI 15 16:46 XII 17 16:51 I 19 18:01 II 21 21:41 III 24 04:22 IV 26 13:47 V 29 01:09 VI 31 13:38	June -463j VII 22 23:32 VIII 25 01:58 IX 27 02:42 X 29 03:32																								
Oct. -469j 2 12:31 4 14:58 6 18:03 8 22:16 11 04:03 13 11:54 15 22:10 18 10:24 20 22:52 23 09:07 25 15:44 27 18:55 29 20:06 31 21:05	Apr. -468j I 1 16:29 II 4 04:04 III 6 12:55 IV 8 18:51 V 10 22:42 VI 13 01:34 VII 15 04:19 VIII 17 07:30 IX 19 11:34 X 21 17:11 XI 24 01:11 XII 26 11:56 I 29 00:31	Oct. -468j II 2 13:25 III 4 19:20 IV 7 05:00 V 9 17:25 VI 12 06:08 VII 14 16:52 VIII 17 00:49 IX 19 06:29 X 21 10:41	May -467j III 3 00:18 IV 5 03:16 V 7 05:16 VI 9 07:15 VII 11 10:41 VIII 13 17:07 IX 16 03:12 X 18 15:46 XI 21 04:12 XII 23 14:16 I 25 21:21 II 28 02:10 III 30 05:44	Nov. -467j IV 3 09:51 V 5 19:30 VI 8 03:19 VII 10 09:17 VIII 12 13:12 IX 14 15:10 X 16 16:06 XI 18 17:40 XII 20 21:45 I 23 05:38 II 25 17:02 III 28 05:51 IV 30 17:32	Dec. -467j V 3 02:45 VI 5 09:36 VII 7 14:45 VIII 9 18:42 IX 11 21:43 X 14 00:13 XI 16 03:04 XII 18 07:33 I 20 14:54 II 23 01:29 III 25 14:03 IV 28 02:08 V 30 11:38	June -467j VI 1 08:46 VII 3 11:41 VIII 5 14:53 IX 7 19:14 X 10 01:51 XI 12 11:30 XII 14 23:42 I 17 12:22 II 19 22:57 III 22 06:06 IV 24 10:13 V 26 12:34 VI 28 14:31 VII 30 17:03	Jan. -466j VIII 1 18:01 IX 3 21:58 X 6 00:38 XI 8 03:04 XII 10 06:01 I 12 10:02 II 14 15:41 III 16 23:31 IV 19 09:51 V 21 22:09 VI 24 10:38 VII 26 21:04 VIII 29 04:00 IX 31 07:35	July -467j IX 2 20:46 X 5 02:05 XI 7 09:28 XII 9 19:19 I 12 07:22 II 14 20:14 III 17 07:36 IV 19 15:38 V 21 19:59 VI 23 21:38 VII 25 22:13 VIII 27 23:20 IX 29 02:15 X 31 02:15	Aug. -467j X 1 07:41 XI 3 15:45 XII 6 02:09 I 8 14:19 II 11 03:14 III 13 15:16 IV 16 00:37 V 18 06:13 VI 20 08:19 VII 22 08:17 VIII 24 07:57 IX 26 09:12 X 28 13:31 XI 30 21:23	Feb. -466j XI 2 08:58 XII 4 09:48 I 6 11:36 II 8 15:28 III 10 21:49 IV 13 06:32 V 15 17:16 VI 18 05:29 VII 20 18:10 VIII 23 05:33 IX 25 13:50 X 27 18:14	March -466j XII 1 19:25 I 3 19:03 II 5 19:08 III 7 21:32 IV 10 03:16 V 12 12:16 VI 14 23:32 VII 17 11:57 VIII 20 00:37 IX 22 12:29 X 24 22:03 XI 27 04:01 XII 29 06:15 I 31 05:55	Apr. -466j II 2 04:59 III 4 05:44 IV 6 09:53 V 8 18:03 VI 11 05:17 VII 13 17:55 VIII 16 06:32 IX 18 18:18 X 21 04:23	Sept. -466j III 2 07:33 IV 4 17:53 V 7 00:29 VI 9 03:23 VII 11 01:56 VIII 13 04:06 IX 15 05:46 X 17 10:04 XI 19 17:13 XII 22 02:38 I 24 13:44 II 27 02:03 III 29 14:45	Oct. -466j IV 2 02:09 V 4 10:16 VI 6 14:12 VII 8 14:46 VIII 10 13:53 IX 12 13:50 X 14 16:31 XI 16 22:50 XII 19 08:22 I 21 19:53 II 24 08:19 III 26 20:56 IV 29 08:44 V 31 18:11	Nov. -466j V 2 23:55 VI 5 01:51 VII 7 01:19 VIII 9 00:27 IX 11 01:28 X 13 06:01 XI 15 14:31 XII 18 01:55 I 20 14:31 II 23 02:58 III 25 14:27 IV 28 00:09 V 30 07:09	May -465j VI 15 10:57 VII 17 11:32 VIII 19 10:47 IX 21 10:45 X 23 13:15 XI 25 19:17 XII 28 04:43 I 30 16:30	June -465j II 2 05:19 III 4 17:59 IV 6 14:04 V 8 11:24 VI 10 05:19 VII 12 22:21 VIII 15 08:49 IX 17 21:19 X 19 22:44 XI 22 03:03 XII 24 11:19 I 26 22:44 II 29 11:34	July -465j III 2 00:03 IV 4 10:57 V 6 19:39 VI 9 01:47 VII 11 05:23 VIII 13 06:58 IX 15 07:38 X 17 08:54 XI 19 12:24 XII 21 19:22 I 24 05:54 II 26 18:35 III 29 07:01 IV 31 17:28	Aug. -465j IV 3 01:25 V 5 07:11 VI 7 11:16 VII 9 14:09 VIII 11 16:20 IX 13 18:35 X 15 22:10 XI 18 04:24 XII 20 14:03 I 23 02:21 II 25 14:59 III 28 01:27 IV 30 08:45	Sept. -465j V 1 13:27 VI 3 16:44 VII 5 19:38 VIII 7 22:45 IX 10 02:20 X 12 06:54 XI 14 13:20 XII 16 22:32 I 19 10:27 II 21 23:21 III 24 10:57 IV 26 17:26 V 28 21:56 VI 30 23:53	Oct. -465j VI 3 01:32 VII 5 04:05 VIII 7 08:08 IX 9 13:43 X 11 21:02 XI 14 06:29 XII 16 18:14 I 19 07:16 II 21 19:16 III 24 03:51 IV 26 08:18 V 28 09:41 VI 30 09:53	Nov. -465j VII 1 10:46 VIII 3 13:42 IX 5 19:13 X 8 03:11 XI 10 13:18 XII 13 01:13 I 15 14:14 II 18 02:47 III 20 12:45 IV 22 18:44	Dec. -464j VIII 1 18:15 IX 3 06:43 X 6 19:16 XI 9 05:46	Jan. -463j IX 3 02:17 X 5 13:41 XI 7 22:11 XII 10 02:50 I 12 04:04 II 14 03:24 III 16 02:57 IV 18 04:46 V 20 10:15 VI 22 19:28 VII 25 07:11 VIII 27 19:52 IX 30 08:24	Feb. -463j X 1 19:57 XI 4 05:28 XII 6 11:51 I 8 14:39 II 10 14:43 III 12 13:51 IV 14 14:16 V 16 17:59 VI 19 01:55 VII 21 13:16 VIII 24 02:03 IX 26 14:28	March -463j XI 1 01:39 XII 3 11:11 I 5 18:27 II 7 22:52 III 10 00:33 IV 12 00:36 V 14 00:55 VI 16 03:32 VII 18 09:59 VIII 20 18:18 IX 23 08:48 X 25 21:13 XI 28 08:03 XII 30 16:56	April -463j XII 1 23:52 I 4 04:50 II 6 07:51 III 8 09:26 IV 10 10:47 V 12 13:31 VI 14 19:11 VII 17 04:25 VIII 19 16:21 IX 22 04:48 X 24 15:39 XI 27 00:00 XII 29 06:01	May -463j I 1 10:17 II 3 13:25 III 5 15:57 IV 7 18:36 V 9 22:21 VI 12 04:14 VII 14 12:59 VIII 17 00:23 IX 19 12:52 X 22 00:09 XI 24 08:36 XII 26 13:58 I 28 17:04 II 30 19:08	June -463j II 1 21:19 III 4 00:31 IV 6 05:18 V 8 12:03 VI 10 21:38 VII 12 10:38 VIII 14 23:59 IX 16 18:54 X 19 01:35 XI 21 10:38 XII 23 22:07 I 25 10:44 II 27 22:47 III 29 10:38 IV 31 06:24	July -463j III 1 05:58 IV 3 10:53 V 5 18:21 VI 8 03:58 VII 10 15:20 VIII 13 03:51 IX 15 16:18 X 18 02:43 XI 20 09:29 XII 22 12:21 I 24 12:30 II 26 11:57 III 28 12:47 IV 30 16:35	Aug. -463j IV 1 23:50 V 4 09:52 VI 6 21:36 VII 9 10:10 VIII 11 22:45 IX 14 10:02 X 16 18:20 XI 18 22:38 XII 20 23:26 I 22 21:59 II 24 21:05 III 26 15:37 IV 28 07:01 V 30 15:37	Sept. -463j V 3 03:31 VI 5 16:09 VII 8 04:33 VIII 10 15:56 IX 13 10:11 X 15 07:08 XI 17 09:37 XII 19 39:37 I 21 08:56 II 23 09:51 III 25 14:07 IV 27 22:25 V 29 09:51	Oct. -463j VI 2 22:32 VII 5 10:45 VIII 7 21:38 IX 10 06:40 X 12 13:22 XI 14 17:26 XII 16 19:09 I 18 19:41 II 20 20:44 III 23 00:03 IV 25 06:55 V 27 17:20 VI 29 05:47	Nov. -463j VII 1 18:04 VIII 4 04:32 IX 6 12:43 X 8 18:47 XI 10 23:05 XII 13 02:03 I 15 10:46 II 17 06:37 III 19 10:17 IV 21 16:29 V 23 01:53 VI 25 13:51 VII 27 13:51 VIII 29 02:21	Dec. -463j VIII 1 13:03 IX 3 20:44 X 6 01:39 XI 8 04:49 XII 10 07:25 I 12 10:18 II 14 13:59 III 16 18:54 IV 19 01:35 V 21 10:38 VI 23 22:07 VII 25 10:44 VIII 27 15:20 IX 29 17:55

with clock times in UT/GMT. The year -462 astronomical counting style corresponds to year 463 B.C.E historical counting style.

Table with 15 columns representing months from Jan. to Oct. and 15 rows representing years from -462j to -401j. Each cell contains moon sign change times in UT/GMT.

with clock times in UT/GMT. The year -456 astronomical counting style corresponds to year 457 B.C.E historical counting style.

May -456j 1 13:16 3 21:15 6 01:03 8 01:39 10 00:58 12 01:08 14 03:49 16 09:51 18 18:59 21 06:22 23 18:59 26 07:53 28 19:43 31 04:51	Nov. -456j 11 02:19 13 08:20 15 10:36 17 10:41 19 10:36 21 12:07 23 16:22 25 23:37 28 09:27 30 21:12	May -455j 14 21:13 16 21:31 18 21:28 20 23:50 22 03:54 24 15:16 26 15:16 28 03:18 30 16:18	Dec. -455j 3 01:52 5 05:34 7 07:01 9 07:53 11 09:39 13 13:24 15 19:36 18 04:10 20 14:47 22 02:58 25 15:42 28 03:15 30 11:47	June -454j 14 13:05 16 16:17 18 17:53 20 19:23 22 22:01 25 02:32 27 09:10 29 17:56	Dec. -454j 25 00:45 27 03:37 29 05:35 31 07:59	July -453j 1 23:39 4 07:10 6 11:54 8 15:01 10 17:41 12 20:39 15 00:17 17 05:00 19 11:30 21 20:35 24 08:19 26 21:10 28 09:28 31 16:17	Jan. -452j 11 12:48 13 19:38 16 00:23 18 04:04 20 07:18 22 10:20 24 13:34 26 17:52 29 00:32 31 10:23	July -452j 23 01:00 25 07:48 27 12:57 29 16:48 31 19:30	Feb. -451j 1 14:47 3 21:49 6 03:01 8 06:22 10 08:12 12 09:35 14 12:05 16 17:21 19 02:14 21 14:04 24 02:39 26 13:42 28 22:10	Aug. -451j 14 04:16 16 11:03 18 15:18 20 17:14 22 17:55 24 18:59 26 22:13 29 04:55 31 15:10	Feb. -450j 23 18:57 26 00:54 28 04:01	March -450j 2 05:02 4 05:20 6 06:39 8 10:39 10 18:18 13 05:19 15 18:01 18 06:15 20 16:35 23 00:35 25 06:22 27 10:16 29 12:44 31 14:31	Apr. -450j 2 16:40 4 20:30 7 03:14 9 13:17 12 01:39 14 14:02 17 00:15 19 07:31 21 12:19 23 15:39 25 18:26 27 21:19 30 00:45	May -450j 2 05:23 4 12:07 6 21:38 9 09:38 11 22:15 14 08:55 16 16:06 18 20:03 20 22:10 22 00:00 25 02:44 27 06:51 29 12:30 31 19:54	June -450j 3 05:30 5 17:19 8 06:10 10 17:38 13 01:33 15 05:32 17 06:48 19 07:16 21 08:42 23 12:14 25 18:10 28 02:17 30 12:23	July -450j 3 00:18 5 13:15 8 01:27 10 10:37 12 15:38 14 17:05 16 16:47 18 16:45 20 18:46 22 23:48 24 07:53 27 18:25 30 06:35	Aug. -450j 1 19:32 4 07:58 6 18:12 9 00:46 11 19:32 13 03:41 15 03:01 17 03:34 19 06:57 21 13:59 24 10:18 26 12:39 29 01:34 31 13:47
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with clock times in UT/GMT. The year -450 astronomical counting style corresponds to year 451 B.C.E historical counting style.

Table with columns for month/year and time of moon sign changes. Includes months like Sept., March, Apr., Oct., May, Nov., June, Dec., Jan., Feb., Aug., and July. Each entry shows a time value (e.g., 3 00:13) and a corresponding moon sign symbol (e.g., ♄, ♃, ♀).

with clock times in UT/GMT. The year -443 astronomical counting style corresponds to year 444 B.C.E historical counting style.

Table with 12 columns representing months from Jan. to Oct. and 12 rows representing years from -443j to -438j. Each cell contains moon sign change times in UT/GMT format.

with clock times in UT/GMT. The year -437 astronomical counting style corresponds to year 438 B.C.E historical counting style.

Table with 12 columns representing months from May to Feb. Each cell contains moon sign change data for a specific year, including the date and time in UT/GMT. The table is organized by month and year, with some years appearing in multiple columns.

with clock times in UT/GMT. The year -431 astronomical counting style corresponds to year 432 B.C.E historical counting style.

Table with 12 columns representing months from Sept. -431j to June -425j. Each cell contains a moon sign symbol and a time value. The table is organized into 12 vertical sections, one for each month, with entries for each day of the month.

with clock times in UT/GMT. The year -424 astronomical counting style corresponds to year 425 B.C.E historical counting style.

Table with 15 columns representing months from Jan. to Oct. and 15 rows representing years from -424j to -401j. Each cell contains moon sign change times in UT/GMT format.

with clock times in UT/GMT. The year -418 astronomical counting style corresponds to year 419 B.C.E historical counting style.

May -418j 1 00:09 3 12:15 6 00:46 8 11:56 10 21:05 13 04:12 15 09:22 17 12:43 19 14:40 21 16:14 23 18:51 25 23:59 28 08:31 30 19:58	Nov. -418j 10 13:32 13 02:06 15 14:33 18 01:38 20 10:50 22 17:52 24 22:33 27 01:02 29 02:10	May -417j 23 04:02 25 16:48 28 05:13 30 16:09	Dec. -417j 2 18:37 5 07:42 7 19:59 10 06:34 12 14:45 14 20:03 16 22:31 18 22:59 20 22:58 22 00:19 25 04:48 27 13:22 30 01:19	June -416j 13 09:46 15 22:37 18 10:27 20 20:20 23 03:26 25 07:20 27 08:27 29 08:05	Dec. -416j 24 00:55 26 13:32 29 01:09 31 10:36	July -415j 3 02:50 5 15:19 8 03:49 10 14:58 12 23:03 15 03:12 17 03:57 19 03:04 21 02:46 23 05:06 25 11:14 27 20:55 30 08:45	Jan. -414j 12 17:37 15 06:21 17 18:58 20 05:24 22 11:56 24 14:21 26 14:03 28 13:13 30 13:58	July -414j 25 07:38 27 20:39 30 08:33	Feb. -413j 1 10:15 3 22:49 6 11:43 8 22:31 11 05:30 13 08:42 15 09:29 17 09:41 19 10:59 21 14:34 23 20:54 26 05:50 28 16:59	Aug. -413j 13 23:52 16 12:38 19 00:40 21 09:49 23 15:18 25 17:52 27 18:59 29 20:12 31 22:46	Feb. -412j 23 14:36 26 03:11 28 14:26	March -412j 1 22:36 4 03:24 6 05:43 8 07:00 10 08:43 12 11:58 14 17:19 17 00:53 19 10:36 21 22:11 24 10:48 26 22:46 29 08:04 31 13:37	Sept. -413j 3 03:25 5 10:27 7 19:48 10 07:13 12 19:57 15 08:28 17 18:49 20 01:31 22 19:10 24 20:27 26 04:46 28 05:38 30 09:09	Apr. -412j 2 15:44 4 15:53 6 16:00 8 17:54 10 22:44 12 06:38 15 16:58 18 04:50 20 17:28 23 05:48 25 16:14 27 23:13 30 02:17	May -412j 2 02:25 4 01:32 6 01:50 8 05:09 10 12:16 12 22:38 15 10:48 17 23:28 20 11:47 22 22:44 25 07:01 27 11:41 29 12:57 31 12:15	June -412j 2 11:44 4 13:32 6 19:10 9 04:42 11 16:46 14 05:28 16 17:33 19 04:18 21 13:02 23 18:59 25 21:52 27 22:25 29 22:17	July -412j 1 13:28 4 03:47 6 12:02 8 23:28 11 12:06 13 23:28 15 10:48 17 18:29 19 04:31 21 13:28	Aug. -412j 2 20:39 5 07:11 7 19:36 10 07:36 12 17:34 15 00:59 17 06:15 19 09:58 21 12:46 23 15:17 25 18:19 27 22:49 30 05:45
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with clock times in UT/GMT. The year -412 astronomical counting style corresponds to year 413 B.C.E historical counting style.

Table with columns for months and years (e.g., Sept. -412j, March -411j, Sept. -411j, Apr. -410j, Oct. -410j, Apr. -409j, Nov. -409j, May -408j, Nov. -408j, June -407j, Dec. -407j, June -406j) and rows of time values in UT/GMT format.

with clock times in UT/GMT. The year -405 astronomical counting style corresponds to year 406 B.C.E historical counting style.

Jan. -405j 1 20:00 4 07:06 6 19:39 9 08:21 11 18:56 14 01:33 16 04:05 18 04:02 20 03:33 22 04:41 24 08:48 26 16:08 28 02:00 31 13:33	July -405j 14 09:14 16 20:47 19 09:41 21 21:43 24 06:29 26 11:11 28 12:44 30 13:01 Aug. -405j 1 13:56 3 16:50 5 22:14 8 06:02 10 15:55 13 03:39 15 16:36 18 05:11 20 15:13 22 21:13 24 23:23 26 23:15 28 22:51 31 00:04 Sept. -405j 2 04:12 4 11:37 6 21:49 9 09:53 11 22:49 14 11:27 16 22:17 19 05:50 21 09:38 23 10:26 25 09:50 27 09:49 29 12:12 Oct. -405j 1 18:11 4 03:51 6 16:01 9 04:59 11 17:20 14 04:02 16 12:20 18 17:45 20 20:20 22 20:56 24 20:59 26 22:21 28 02:43 31 11:04 Nov. -405j 2 22:47 5 11:47 7 23:55 10 09:58 12 17:48 14 23:37 17 03:36 19 05:58 21 07:23 23 09:05 25 12:44 27 19:47 30 06:33 Dec. -405j 2 19:27 5 07:42 7 17:24 10 00:17 12 05:11 14 09:00 16 12:15 18 15:11 20 18:14 22 22:26 24 22:26 25 05:06 27 15:04 30 03:37 Jan. -404j 1 16:15 4 02:19 6 08:52 8 12:39 10 15:08 12 17:37 14 20:47 16 22:26 17 00:54 19 06:17 21 13:33	Jan. -404j 23 23:24 26 11:39 29 00:35 31 11:33 Feb. -404j 2 18:47 4 22:22 6 23:43 9 00:37 11 02:31 13 06:16 15 12:12 17 20:21 20 06:41 22 18:57 25 07:59 27 19:49 March -404j 1 04:21 3 08:56 5 10:19 7 10:11 9 10:24 11 12:35 13 17:43 16 01:59 18 12:52 21 01:23 23 14:25 26 02:35 28 12:17 30 18:27 Apr. -404j 1 21:02 3 21:08 5 20:31 7 21:06 10 00:35 12 07:54 14 18:40 17 07:23 19 20:24 22 08:24 24 18:30 27 01:53 29 06:08 May -404j 1 07:34 3 07:23 5 07:20 7 09:25 9 15:12 12 01:04 14 13:37 17 02:36 19 14:18 22 00:01 24 07:37 26 12:57 28 15:59 30 17:09 June -404j 1 17:41 3 19:21 6 00:00 8 08:40 10 20:38 13 09:33 15 21:05 18 06:13 20 13:09 22 18:23 24 22:12 27 00:46 29 02:37 July -404j 1 04:58 3 09:24 5 17:13 8 04:27 10 17:16 13 04:58 15 13:53 17 20:01 20 00:16 22 03:33 24 06:29 26 09:26 28 12:59 30 18:07 Feb. -403j 2 19:34 4 22:13 7 01:44 9 07:19	Aug. -404j 2 01:53 4 12:38 7 01:18 9 13:27 11 22:51 14 04:50 16 08:07 18 10:06 20 12:03 22 14:52 24 19:09 27 01:18 29 09:42 31 20:28 Sept. -404j 3 08:59 5 21:36 8 08:02 10 14:52 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12:54 7 00:38 9 13:12 12 01:44 14 13:01 16 21:30 18 02:07 21 03:15 23 02:26 25 01:52 27 03:40 29 09:15 31 18:37 June -403j 3 06:27 5 19:08 8 07:32 10 18:52 13 04:08 15 10:16 17 12:57 19 13:04 21 12:25 23 13:12 25 17:15 28 01:21 30 12:42 July -403j 3 01:21 5 13:36 8 00:31 10 09:38 12 16:26 14 20:32 16 22:13 18 22:38 20 23:33 23 02:46 25 09:35 27 19:59 30 08:22 Aug. -403j 1 20:37 4 07:09 6 15:32 8 21:49 11 02:15 13 05:07 15 07:03 17 09:07 21 18:48	Aug. -403j 24 04:15 26 16:12 29 04:36 31 15:15 Sept. -403j 2 23:06 5 04:21 7 07:50 10 10:32 11 13:16 13 16:38 15 21:15 18 03:48 20 12:52 23 00:22 25 12:57 28 00:17 30 08:27 Oct. -403j 2 13:08 4 15:19 6 16:39 8 18:39 10 22:17 13 03:53 15 11:24 17 20:49 20 08:09 22 20:48 25 08:57 27 18:19 29 23:36 Nov. -403j 1 01:22 3 01:20 5 01:38 7 04:00 9 09:19 11 17:24 14 03:30 16 15:05 19 03:41 21 16:17 24 02:57 26 09:49 28 12:33 30 12:22 Dec. -403j 2 11:26 4 11:59 6 15:40 8 23:02 11 09:19 13 21:16 16 09:54 18 22:25 21 09:37 23 17:59 25 22:31 27 23:38 29 22:54 31 22:29 Jan. -402j 3 00:26 5 06:05 7 15:30 10 03:25 12 16:09 15 04:23 17 15:17 20 00:01 22 05:54 24 08:50 26 09:36 28 09:42 30 11:01 Feb. -402j 1 15:11 3 23:07 6 10:20 8 23:02 11 11:11 13 21:31 16 05:35 18 11:28 20 15:22 22 17:44 24 19:20 26 21:21 March -402j 1 01:11 3 08:02 5 18:16 8 06:42 10 19:00 13 05:09 15 12:26 17 17:19 19 20:45 21 23:35 24 02:25 26 05:46 28 10:20 30 17:04 Apr. -402j 2 02:40 4 14:44 7 03:19 9 13:52 11 20:59 14 00:57 16 03:09 18 05:05 20 07:53 22 12:01 24 17:38 27 01:02 29 10:39 May -402j 1 22:30 4 11:20 6 22:42 9 06:30 11 10:23 13 11:39 15 12:10 17 13:43 19 17:22 21 23:22 24 07:30 26 17:36 29 05:31 31 18:30 June -402j 3 06:38 5 15:40 7 20:30 9 21:50 11 21:29 13 21:33 15 23:43 18 04:54 20 13:04 22 23:37 25 11:48 28 00:47 30 13:16 July -402j 2 23:24 5 05:46 7 08:17 9 08:14 11 07:33 13 08:13 15 11:48 17 19:00 20 05:24 22 17:46 25 06:44 27 19:03 30 05:33 Aug. -402j 1 13:08 3 17:20 5 18:40 7 18:29 9 18:34 11 20:45 14 02:25 16 11:54 19 00:06 21 13:03 24 01:02 26 11:05 28 18:51 31 00:10 Sept. -402j 2 03:11 4 04:30 6 05:16 8 07:04 10 11:32 12 19:44 15 07:19 17 20:16 20 08:07 22 17:32 25 00:29 27 05:34 29 09:20 Oct. -402j 1 12:08 3 14:25 5 17:03 7 21:21 10 04:40 12 15:25 15 04:15 17 16:24 20 01:43 22 07:49 24 11:43 26 14:43 28 17:42 30 21:05 Nov. -402j 2 01:04 4 06:15 6 13:36 8 23:51 11 12:27 14 01:06 16 11:07 18 17:17 20 20:18 22 21:49 24 23:30 27 02:25 29 06:57 Dec. -402j 1 13:12 3 21:21 6 07:44 8 20:09 11 09:09 13 20:16 16 03:33 18 06:55 20 07:42 22 07:48 24 09:00 26 12:30 28 18:45 31 03:34 Jan. -401j 2 14:31 5 03:02 7 16:03 10 03:54 12 12:42 14 17:33 16 18:59 18 18:36 20 18:18 22 19:56 25 00:49 27 09:15 29 20:31 Feb. -401j 1 09:17 3 22:13 6 10:05 8 19:45 11 02:14 13 05:21 15 05:54 17 05:24 19 05:46 21 08:52 23 15:55 26 02:40 28 15:31 March -401j 3 04:23 5 15:54 8 01:25 10 08:37 12 13:16 14 15:29 16 16:04 18 16:29 20 18:38 April -401j 1 22:25 4 07:17 6 14:03 8 19:04 10 22:31 13 00:37 15 02:10 17 04:34 19 09:30 22 05:56 24 18:48 26 06:03 May -401j 1 14:28 3 20:20 6 00:34 8 03:58 10 06:54 12 09:43 14 13:11 16 18:27 19 02:40 21 13:59 23 02:48 26 14:28 28 23:04 31 04:25 June -401j 2 07:34 4 09:50 6 12:15 8 15:27 10 19:53 13 02:05 15 10:39 17 21:48 20 10:35 22 22:50 25 08:16 27 14:00 29 16:39 July -401j 1 17:41 3 18:41 5 20:58 8 01:22 10 08:13 12 17:29 15 04:53 17 17:40 20 06:19 22 16:53 24 23:51 27 03:06 29 03:44 31 03:26 Aug. -401j 2 04:06 4 07:15 6 13:44 8 23:21 11 11:10 14 00:01 16 12:44 19 00:01 21 08:27 23 13:16 25 14:44 27 14:12 29 13:38 31 15:04 Sept. -401j 2 20:08 5 05:10 7 17:06 10 06:04 12 18:36 15 05:50 17 15:04 19 21:30 22 00:42 24 01:16 26 00:42 28 01:06 30 04:31 Oct. -401j 2 12:09 4 23:31 7 12:28 10 00:52 12 11:37 14 20:32 17 03:30 19 08:11 21 10:33 23 11:17 25 11:59 27 14:36 29 20:51 Nov. -401j 1 07:05 3 19:45 6 08:11 8 18:38 11 02:43 13 08:56 15 13:41 17 17:07 19 19:29 21 21:34 24 00:44 26 06:31 28 15:46 Dec. -401j 1 03:48 3 16:25 6 03:09 8 10:54 10 16:03 12 19:36 14 22:27 17 01:17 19 04:38 21 09:07 23 15:32 26 00:34 28 12:06 31 00:46
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