# <pre>

# @(#)solar88 8.2

# This file is in the public domain, so clarified as of

# 2009-05-17 by Arthur David Olson.

# Apparent noon times below are for Riyadh; they're a bit off for other places.

# Times were computed using formulas in the U.S. Naval Observatory's

# Almanac for Computers 1988; the formulas "will give EqT to an accuracy of

# [plus or minus two] seconds during the current year."

#

# Rounding to the nearest five seconds results in fewer than

# 256 different "time types"--a limit that's faced because time types are

# stored on disk as unsigned chars.

# Rule NAME FROM TO TYPE IN ON AT SAVE LETTER/S

Rule sol88 1988 only - Jan 1 12:03:15s -0:03:15 -

Rule sol88 1988 only - Jan 2 12:03:40s -0:03:40 -

Rule sol88 1988 only - Jan 3 12:04:10s -0:04:10 -

Rule sol88 1988 only - Jan 4 12:04:40s -0:04:40 -

Rule sol88 1988 only - Jan 5 12:05:05s -0:05:05 -

Rule sol88 1988 only - Jan 6 12:05:30s -0:05:30 -

Rule sol88 1988 only - Jan 7 12:06:00s -0:06:00 -

Rule sol88 1988 only - Jan 8 12:06:25s -0:06:25 -

Rule sol88 1988 only - Jan 9 12:06:50s -0:06:50 -

Rule sol88 1988 only - Jan 10 12:07:15s -0:07:15 -

Rule sol88 1988 only - Jan 11 12:07:40s -0:07:40 -

Rule sol88 1988 only - Jan 12 12:08:05s -0:08:05 -

Rule sol88 1988 only - Jan 13 12:08:25s -0:08:25 -

Rule sol88 1988 only - Jan 14 12:08:50s -0:08:50 -

Rule sol88 1988 only - Jan 15 12:09:10s -0:09:10 -

Rule sol88 1988 only - Jan 16 12:09:30s -0:09:30 -

Rule sol88 1988 only - Jan 17 12:09:50s -0:09:50 -

Rule sol88 1988 only - Jan 18 12:10:10s -0:10:10 -

Rule sol88 1988 only - Jan 19 12:10:30s -0:10:30 -

Rule sol88 1988 only - Jan 20 12:10:50s -0:10:50 -

Rule sol88 1988 only - Jan 21 12:11:05s -0:11:05 -

Rule sol88 1988 only - Jan 22 12:11:25s -0:11:25 -

Rule sol88 1988 only - Jan 23 12:11:40s -0:11:40 -

Rule sol88 1988 only - Jan 24 12:11:55s -0:11:55 -

Rule sol88 1988 only - Jan 25 12:12:10s -0:12:10 -

Rule sol88 1988 only - Jan 26 12:12:25s -0:12:25 -

Rule sol88 1988 only - Jan 27 12:12:40s -0:12:40 -

Rule sol88 1988 only - Jan 28 12:12:50s -0:12:50 -

Rule sol88 1988 only - Jan 29 12:13:00s -0:13:00 -

Rule sol88 1988 only - Jan 30 12:13:10s -0:13:10 -

Rule sol88 1988 only - Jan 31 12:13:20s -0:13:20 -

Rule sol88 1988 only - Feb 1 12:13:30s -0:13:30 -

Rule sol88 1988 only - Feb 2 12:13:40s -0:13:40 -

Rule sol88 1988 only - Feb 3 12:13:45s -0:13:45 -

Rule sol88 1988 only - Feb 4 12:13:55s -0:13:55 -

Rule sol88 1988 only - Feb 5 12:14:00s -0:14:00 -

Rule sol88 1988 only - Feb 6 12:14:05s -0:14:05 -

Rule sol88 1988 only - Feb 7 12:14:10s -0:14:10 -

Rule sol88 1988 only - Feb 8 12:14:10s -0:14:10 -

Rule sol88 1988 only - Feb 9 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 10 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 11 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 12 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 13 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 14 12:14:15s -0:14:15 -

Rule sol88 1988 only - Feb 15 12:14:10s -0:14:10 -

Rule sol88 1988 only - Feb 16 12:14:10s -0:14:10 -

Rule sol88 1988 only - Feb 17 12:14:05s -0:14:05 -

Rule sol88 1988 only - Feb 18 12:14:00s -0:14:00 -

Rule sol88 1988 only - Feb 19 12:13:55s -0:13:55 -

Rule sol88 1988 only - Feb 20 12:13:50s -0:13:50 -

Rule sol88 1988 only - Feb 21 12:13:45s -0:13:45 -

Rule sol88 1988 only - Feb 22 12:13:40s -0:13:40 -

Rule sol88 1988 only - Feb 23 12:13:30s -0:13:30 -

Rule sol88 1988 only - Feb 24 12:13:20s -0:13:20 -

Rule sol88 1988 only - Feb 25 12:13:15s -0:13:15 -

Rule sol88 1988 only - Feb 26 12:13:05s -0:13:05 -

Rule sol88 1988 only - Feb 27 12:12:55s -0:12:55 -

Rule sol88 1988 only - Feb 28 12:12:45s -0:12:45 -

Rule sol88 1988 only - Feb 29 12:12:30s -0:12:30 -

Rule sol88 1988 only - Mar 1 12:12:20s -0:12:20 -

Rule sol88 1988 only - Mar 2 12:12:10s -0:12:10 -

Rule sol88 1988 only - Mar 3 12:11:55s -0:11:55 -

Rule sol88 1988 only - Mar 4 12:11:45s -0:11:45 -

Rule sol88 1988 only - Mar 5 12:11:30s -0:11:30 -

Rule sol88 1988 only - Mar 6 12:11:15s -0:11:15 -

Rule sol88 1988 only - Mar 7 12:11:00s -0:11:00 -

Rule sol88 1988 only - Mar 8 12:10:45s -0:10:45 -

Rule sol88 1988 only - Mar 9 12:10:30s -0:10:30 -

Rule sol88 1988 only - Mar 10 12:10:15s -0:10:15 -

Rule sol88 1988 only - Mar 11 12:10:00s -0:10:00 -

Rule sol88 1988 only - Mar 12 12:09:45s -0:09:45 -

Rule sol88 1988 only - Mar 13 12:09:30s -0:09:30 -

Rule sol88 1988 only - Mar 14 12:09:10s -0:09:10 -

Rule sol88 1988 only - Mar 15 12:08:55s -0:08:55 -

Rule sol88 1988 only - Mar 16 12:08:40s -0:08:40 -

Rule sol88 1988 only - Mar 17 12:08:20s -0:08:20 -

Rule sol88 1988 only - Mar 18 12:08:05s -0:08:05 -

Rule sol88 1988 only - Mar 19 12:07:45s -0:07:45 -

Rule sol88 1988 only - Mar 20 12:07:30s -0:07:30 -

Rule sol88 1988 only - Mar 21 12:07:10s -0:07:10 -

Rule sol88 1988 only - Mar 22 12:06:50s -0:06:50 -

Rule sol88 1988 only - Mar 23 12:06:35s -0:06:35 -

Rule sol88 1988 only - Mar 24 12:06:15s -0:06:15 -

Rule sol88 1988 only - Mar 25 12:06:00s -0:06:00 -

Rule sol88 1988 only - Mar 26 12:05:40s -0:05:40 -

Rule sol88 1988 only - Mar 27 12:05:20s -0:05:20 -

Rule sol88 1988 only - Mar 28 12:05:05s -0:05:05 -

Rule sol88 1988 only - Mar 29 12:04:45s -0:04:45 -

Rule sol88 1988 only - Mar 30 12:04:25s -0:04:25 -

Rule sol88 1988 only - Mar 31 12:04:10s -0:04:10 -

Rule sol88 1988 only - Apr 1 12:03:50s -0:03:50 -

Rule sol88 1988 only - Apr 2 12:03:35s -0:03:35 -

Rule sol88 1988 only - Apr 3 12:03:15s -0:03:15 -

Rule sol88 1988 only - Apr 4 12:03:00s -0:03:00 -

Rule sol88 1988 only - Apr 5 12:02:40s -0:02:40 -

Rule sol88 1988 only - Apr 6 12:02:25s -0:02:25 -

Rule sol88 1988 only - Apr 7 12:02:05s -0:02:05 -

Rule sol88 1988 only - Apr 8 12:01:50s -0:01:50 -

Rule sol88 1988 only - Apr 9 12:01:35s -0:01:35 -

Rule sol88 1988 only - Apr 10 12:01:15s -0:01:15 -

Rule sol88 1988 only - Apr 11 12:01:00s -0:01:00 -

Rule sol88 1988 only - Apr 12 12:00:45s -0:00:45 -

Rule sol88 1988 only - Apr 13 12:00:30s -0:00:30 -

Rule sol88 1988 only - Apr 14 12:00:15s -0:00:15 -

Rule sol88 1988 only - Apr 15 12:00:00s 0:00:00 -

Rule sol88 1988 only - Apr 16 11:59:45s 0:00:15 -

Rule sol88 1988 only - Apr 17 11:59:30s 0:00:30 -

Rule sol88 1988 only - Apr 18 11:59:20s 0:00:40 -

Rule sol88 1988 only - Apr 19 11:59:05s 0:00:55 -

Rule sol88 1988 only - Apr 20 11:58:55s 0:01:05 -

Rule sol88 1988 only - Apr 21 11:58:40s 0:01:20 -

Rule sol88 1988 only - Apr 22 11:58:30s 0:01:30 -

Rule sol88 1988 only - Apr 23 11:58:15s 0:01:45 -

Rule sol88 1988 only - Apr 24 11:58:05s 0:01:55 -

Rule sol88 1988 only - Apr 25 11:57:55s 0:02:05 -

Rule sol88 1988 only - Apr 26 11:57:45s 0:02:15 -

Rule sol88 1988 only - Apr 27 11:57:35s 0:02:25 -

Rule sol88 1988 only - Apr 28 11:57:30s 0:02:30 -

Rule sol88 1988 only - Apr 29 11:57:20s 0:02:40 -

Rule sol88 1988 only - Apr 30 11:57:10s 0:02:50 -

Rule sol88 1988 only - May 1 11:57:05s 0:02:55 -

Rule sol88 1988 only - May 2 11:56:55s 0:03:05 -

Rule sol88 1988 only - May 3 11:56:50s 0:03:10 -

Rule sol88 1988 only - May 4 11:56:45s 0:03:15 -

Rule sol88 1988 only - May 5 11:56:40s 0:03:20 -

Rule sol88 1988 only - May 6 11:56:35s 0:03:25 -

Rule sol88 1988 only - May 7 11:56:30s 0:03:30 -

Rule sol88 1988 only - May 8 11:56:25s 0:03:35 -

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Rule sol88 1988 only - May 11 11:56:20s 0:03:40 -

Rule sol88 1988 only - May 12 11:56:20s 0:03:40 -

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Rule sol88 1988 only - May 14 11:56:20s 0:03:40 -

Rule sol88 1988 only - May 15 11:56:20s 0:03:40 -

Rule sol88 1988 only - May 16 11:56:20s 0:03:40 -

Rule sol88 1988 only - May 17 11:56:20s 0:03:40 -

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Rule sol88 1988 only - May 21 11:56:35s 0:03:25 -

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Rule sol88 1988 only - May 24 11:56:50s 0:03:10 -

Rule sol88 1988 only - May 25 11:56:55s 0:03:05 -

Rule sol88 1988 only - May 26 11:57:00s 0:03:00 -

Rule sol88 1988 only - May 27 11:57:05s 0:02:55 -

Rule sol88 1988 only - May 28 11:57:15s 0:02:45 -

Rule sol88 1988 only - May 29 11:57:20s 0:02:40 -

Rule sol88 1988 only - May 30 11:57:30s 0:02:30 -

Rule sol88 1988 only - May 31 11:57:40s 0:02:20 -

Rule sol88 1988 only - Jun 1 11:57:50s 0:02:10 -

Rule sol88 1988 only - Jun 2 11:57:55s 0:02:05 -

Rule sol88 1988 only - Jun 3 11:58:05s 0:01:55 -

Rule sol88 1988 only - Jun 4 11:58:15s 0:01:45 -

Rule sol88 1988 only - Jun 5 11:58:30s 0:01:30 -

Rule sol88 1988 only - Jun 6 11:58:40s 0:01:20 -

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Rule sol88 1988 only - Jun 9 11:59:15s 0:00:45 -

Rule sol88 1988 only - Jun 10 11:59:25s 0:00:35 -

Rule sol88 1988 only - Jun 11 11:59:35s 0:00:25 -

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Rule sol88 1988 only - Jun 13 12:00:00s 0:00:00 -

Rule sol88 1988 only - Jun 14 12:00:15s -0:00:15 -

Rule sol88 1988 only - Jun 15 12:00:25s -0:00:25 -

Rule sol88 1988 only - Jun 16 12:00:40s -0:00:40 -

Rule sol88 1988 only - Jun 17 12:00:55s -0:00:55 -

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Rule sol88 1988 only - Jun 19 12:01:20s -0:01:20 -

Rule sol88 1988 only - Jun 20 12:01:30s -0:01:30 -

Rule sol88 1988 only - Jun 21 12:01:45s -0:01:45 -

Rule sol88 1988 only - Jun 22 12:02:00s -0:02:00 -

Rule sol88 1988 only - Jun 23 12:02:10s -0:02:10 -

Rule sol88 1988 only - Jun 24 12:02:25s -0:02:25 -

Rule sol88 1988 only - Jun 25 12:02:35s -0:02:35 -

Rule sol88 1988 only - Jun 26 12:02:50s -0:02:50 -

Rule sol88 1988 only - Jun 27 12:03:00s -0:03:00 -

Rule sol88 1988 only - Jun 28 12:03:15s -0:03:15 -

Rule sol88 1988 only - Jun 29 12:03:25s -0:03:25 -

Rule sol88 1988 only - Jun 30 12:03:40s -0:03:40 -

Rule sol88 1988 only - Jul 1 12:03:50s -0:03:50 -

Rule sol88 1988 only - Jul 2 12:04:00s -0:04:00 -

Rule sol88 1988 only - Jul 3 12:04:10s -0:04:10 -

Rule sol88 1988 only - Jul 4 12:04:25s -0:04:25 -

Rule sol88 1988 only - Jul 5 12:04:35s -0:04:35 -

Rule sol88 1988 only - Jul 6 12:04:45s -0:04:45 -

Rule sol88 1988 only - Jul 7 12:04:55s -0:04:55 -

Rule sol88 1988 only - Jul 8 12:05:05s -0:05:05 -

Rule sol88 1988 only - Jul 9 12:05:10s -0:05:10 -

Rule sol88 1988 only - Jul 10 12:05:20s -0:05:20 -

Rule sol88 1988 only - Jul 11 12:05:30s -0:05:30 -

Rule sol88 1988 only - Jul 12 12:05:35s -0:05:35 -

Rule sol88 1988 only - Jul 13 12:05:45s -0:05:45 -

Rule sol88 1988 only - Jul 14 12:05:50s -0:05:50 -

Rule sol88 1988 only - Jul 15 12:05:55s -0:05:55 -

Rule sol88 1988 only - Jul 16 12:06:00s -0:06:00 -

Rule sol88 1988 only - Jul 17 12:06:05s -0:06:05 -

Rule sol88 1988 only - Jul 18 12:06:10s -0:06:10 -

Rule sol88 1988 only - Jul 19 12:06:15s -0:06:15 -

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Rule sol88 1988 only - Jul 23 12:06:25s -0:06:25 -

Rule sol88 1988 only - Jul 24 12:06:30s -0:06:30 -

Rule sol88 1988 only - Jul 25 12:06:30s -0:06:30 -

Rule sol88 1988 only - Jul 26 12:06:30s -0:06:30 -

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Rule sol88 1988 only - Jul 28 12:06:30s -0:06:30 -

Rule sol88 1988 only - Jul 29 12:06:25s -0:06:25 -

Rule sol88 1988 only - Jul 30 12:06:25s -0:06:25 -

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Rule sol88 1988 only - Aug 1 12:06:15s -0:06:15 -

Rule sol88 1988 only - Aug 2 12:06:15s -0:06:15 -

Rule sol88 1988 only - Aug 3 12:06:10s -0:06:10 -

Rule sol88 1988 only - Aug 4 12:06:05s -0:06:05 -

Rule sol88 1988 only - Aug 5 12:05:55s -0:05:55 -

Rule sol88 1988 only - Aug 6 12:05:50s -0:05:50 -

Rule sol88 1988 only - Aug 7 12:05:45s -0:05:45 -

Rule sol88 1988 only - Aug 8 12:05:35s -0:05:35 -

Rule sol88 1988 only - Aug 9 12:05:25s -0:05:25 -

Rule sol88 1988 only - Aug 10 12:05:20s -0:05:20 -

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Rule sol88 1988 only - Aug 13 12:04:50s -0:04:50 -

Rule sol88 1988 only - Aug 14 12:04:35s -0:04:35 -

Rule sol88 1988 only - Aug 15 12:04:25s -0:04:25 -

Rule sol88 1988 only - Aug 16 12:04:15s -0:04:15 -

Rule sol88 1988 only - Aug 17 12:04:00s -0:04:00 -

Rule sol88 1988 only - Aug 18 12:03:50s -0:03:50 -

Rule sol88 1988 only - Aug 19 12:03:35s -0:03:35 -

Rule sol88 1988 only - Aug 20 12:03:20s -0:03:20 -

Rule sol88 1988 only - Aug 21 12:03:05s -0:03:05 -

Rule sol88 1988 only - Aug 22 12:02:50s -0:02:50 -

Rule sol88 1988 only - Aug 23 12:02:35s -0:02:35 -

Rule sol88 1988 only - Aug 24 12:02:20s -0:02:20 -

Rule sol88 1988 only - Aug 25 12:02:00s -0:02:00 -

Rule sol88 1988 only - Aug 26 12:01:45s -0:01:45 -

Rule sol88 1988 only - Aug 27 12:01:30s -0:01:30 -

Rule sol88 1988 only - Aug 28 12:01:10s -0:01:10 -

Rule sol88 1988 only - Aug 29 12:00:50s -0:00:50 -

Rule sol88 1988 only - Aug 30 12:00:35s -0:00:35 -

Rule sol88 1988 only - Aug 31 12:00:15s -0:00:15 -

Rule sol88 1988 only - Sep 1 11:59:55s 0:00:05 -

Rule sol88 1988 only - Sep 2 11:59:35s 0:00:25 -

Rule sol88 1988 only - Sep 3 11:59:20s 0:00:40 -

Rule sol88 1988 only - Sep 4 11:59:00s 0:01:00 -

Rule sol88 1988 only - Sep 5 11:58:40s 0:01:20 -

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Rule sol88 1988 only - Sep 9 11:57:15s 0:02:45 -

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Rule sol88 1988 only - Sep 11 11:56:35s 0:03:25 -

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Rule sol88 1988 only - Sep 13 11:55:50s 0:04:10 -

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Rule sol88 1988 only - Sep 16 11:54:50s 0:05:10 -

Rule sol88 1988 only - Sep 17 11:54:25s 0:05:35 -

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Rule sol88 1988 only - Sep 19 11:53:45s 0:06:15 -

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Rule sol88 1988 only - Sep 22 11:52:40s 0:07:20 -

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Rule sol88 1988 only - Sep 25 11:51:40s 0:08:20 -

Rule sol88 1988 only - Sep 26 11:51:15s 0:08:45 -

Rule sol88 1988 only - Sep 27 11:50:55s 0:09:05 -

Rule sol88 1988 only - Sep 28 11:50:35s 0:09:25 -

Rule sol88 1988 only - Sep 29 11:50:15s 0:09:45 -

Rule sol88 1988 only - Sep 30 11:49:55s 0:10:05 -

Rule sol88 1988 only - Oct 1 11:49:35s 0:10:25 -

Rule sol88 1988 only - Oct 2 11:49:20s 0:10:40 -

Rule sol88 1988 only - Oct 3 11:49:00s 0:11:00 -

Rule sol88 1988 only - Oct 4 11:48:40s 0:11:20 -

Rule sol88 1988 only - Oct 5 11:48:25s 0:11:35 -

Rule sol88 1988 only - Oct 6 11:48:05s 0:11:55 -

Rule sol88 1988 only - Oct 7 11:47:50s 0:12:10 -

Rule sol88 1988 only - Oct 8 11:47:30s 0:12:30 -

Rule sol88 1988 only - Oct 9 11:47:15s 0:12:45 -

Rule sol88 1988 only - Oct 10 11:47:00s 0:13:00 -

Rule sol88 1988 only - Oct 11 11:46:45s 0:13:15 -

Rule sol88 1988 only - Oct 12 11:46:30s 0:13:30 -

Rule sol88 1988 only - Oct 13 11:46:15s 0:13:45 -

Rule sol88 1988 only - Oct 14 11:46:00s 0:14:00 -

Rule sol88 1988 only - Oct 15 11:45:45s 0:14:15 -

Rule sol88 1988 only - Oct 16 11:45:35s 0:14:25 -

Rule sol88 1988 only - Oct 17 11:45:20s 0:14:40 -

Rule sol88 1988 only - Oct 18 11:45:10s 0:14:50 -

Rule sol88 1988 only - Oct 19 11:45:00s 0:15:00 -

Rule sol88 1988 only - Oct 20 11:44:45s 0:15:15 -

Rule sol88 1988 only - Oct 21 11:44:40s 0:15:20 -

Rule sol88 1988 only - Oct 22 11:44:30s 0:15:30 -

Rule sol88 1988 only - Oct 23 11:44:20s 0:15:40 -

Rule sol88 1988 only - Oct 24 11:44:10s 0:15:50 -

Rule sol88 1988 only - Oct 25 11:44:05s 0:15:55 -

Rule sol88 1988 only - Oct 26 11:44:00s 0:16:00 -

Rule sol88 1988 only - Oct 27 11:43:55s 0:16:05 -

Rule sol88 1988 only - Oct 28 11:43:50s 0:16:10 -

Rule sol88 1988 only - Oct 29 11:43:45s 0:16:15 -

Rule sol88 1988 only - Oct 30 11:43:40s 0:16:20 -

Rule sol88 1988 only - Oct 31 11:43:40s 0:16:20 -

Rule sol88 1988 only - Nov 1 11:43:35s 0:16:25 -

Rule sol88 1988 only - Nov 2 11:43:35s 0:16:25 -

Rule sol88 1988 only - Nov 3 11:43:35s 0:16:25 -

Rule sol88 1988 only - Nov 4 11:43:35s 0:16:25 -

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Rule sol88 1988 only - Nov 9 11:43:50s 0:16:10 -

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Rule sol88 1988 only - Nov 14 11:44:30s 0:15:30 -

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Rule sol88 1988 only - Nov 16 11:44:50s 0:15:10 -

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Rule sol88 1988 only - Nov 18 11:45:15s 0:14:45 -

Rule sol88 1988 only - Nov 19 11:45:25s 0:14:35 -

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Rule sol88 1988 only - Nov 21 11:45:55s 0:14:05 -

Rule sol88 1988 only - Nov 22 11:46:10s 0:13:50 -

Rule sol88 1988 only - Nov 23 11:46:30s 0:13:30 -

Rule sol88 1988 only - Nov 24 11:46:45s 0:13:15 -

Rule sol88 1988 only - Nov 25 11:47:05s 0:12:55 -

Rule sol88 1988 only - Nov 26 11:47:20s 0:12:40 -

Rule sol88 1988 only - Nov 27 11:47:40s 0:12:20 -

Rule sol88 1988 only - Nov 28 11:48:00s 0:12:00 -

Rule sol88 1988 only - Nov 29 11:48:25s 0:11:35 -

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Rule sol88 1988 only - Dec 1 11:49:05s 0:10:55 -

Rule sol88 1988 only - Dec 2 11:49:30s 0:10:30 -

Rule sol88 1988 only - Dec 3 11:49:55s 0:10:05 -

Rule sol88 1988 only - Dec 4 11:50:15s 0:09:45 -

Rule sol88 1988 only - Dec 5 11:50:40s 0:09:20 -

Rule sol88 1988 only - Dec 6 11:51:05s 0:08:55 -

Rule sol88 1988 only - Dec 7 11:51:35s 0:08:25 -

Rule sol88 1988 only - Dec 8 11:52:00s 0:08:00 -

Rule sol88 1988 only - Dec 9 11:52:25s 0:07:35 -

Rule sol88 1988 only - Dec 10 11:52:55s 0:07:05 -

Rule sol88 1988 only - Dec 11 11:53:20s 0:06:40 -

Rule sol88 1988 only - Dec 12 11:53:50s 0:06:10 -

Rule sol88 1988 only - Dec 13 11:54:15s 0:05:45 -

Rule sol88 1988 only - Dec 14 11:54:45s 0:05:15 -

Rule sol88 1988 only - Dec 15 11:55:15s 0:04:45 -

Rule sol88 1988 only - Dec 16 11:55:45s 0:04:15 -

Rule sol88 1988 only - Dec 17 11:56:15s 0:03:45 -

Rule sol88 1988 only - Dec 18 11:56:40s 0:03:20 -

Rule sol88 1988 only - Dec 19 11:57:10s 0:02:50 -

Rule sol88 1988 only - Dec 20 11:57:40s 0:02:20 -

Rule sol88 1988 only - Dec 21 11:58:10s 0:01:50 -

Rule sol88 1988 only - Dec 22 11:58:40s 0:01:20 -

Rule sol88 1988 only - Dec 23 11:59:10s 0:00:50 -

Rule sol88 1988 only - Dec 24 11:59:40s 0:00:20 -

Rule sol88 1988 only - Dec 25 12:00:10s -0:00:10 -

Rule sol88 1988 only - Dec 26 12:00:40s -0:00:40 -

Rule sol88 1988 only - Dec 27 12:01:10s -0:01:10 -

Rule sol88 1988 only - Dec 28 12:01:40s -0:01:40 -

Rule sol88 1988 only - Dec 29 12:02:10s -0:02:10 -

Rule sol88 1988 only - Dec 30 12:02:35s -0:02:35 -

Rule sol88 1988 only - Dec 31 12:03:05s -0:03:05 -

# Riyadh is at about 46 degrees 46 minutes East: 3 hrs, 7 mins, 4 secs

# Before and after 1988, we'll operate on local mean solar time.

# Zone NAME GMTOFF RULES/SAVE FORMAT [UNTIL]

Zone Asia/Riyadh88 3:07:04 - zzz 1988

3:07:04 sol88 zzz 1989

3:07:04 - zzz

# For backward compatibility...

Link Asia/Riyadh88 Mideast/Riyadh88