

Lunar Weekend Calendar for 2010 (by DL7APV)

2400 Sat/ 0000 Sun	Decl. (deg)	Signals (dB)	Sun offset /°	Sky temp K, 432	Libra tion	Comments & contest dates
Jan 2/3	+14,9	+0,16 P	-147	15	-	Perigee, cold backgr.! 70cm SSB
Jan 9/10	-22,3	-1,3	-63	40	+	Moon in south
Jan 16/17	-14,2	-1,96 A	+21	30	-	Daytime PM, sun is close
Jan 23/24	+19,7	-1,04	+93	35	+	ATP sat20-22&sun12-14 ARRLVHF
Jan 30/31	+11,8	+0,29 P	-167	20	-	Night, perigee & cold sky !!
Feb 6/7	-24,1	-1,32	-80	45	+	Moon in south
Feb 13/14	-10,9	-1,95 A	+1	30	-	Sun noise
Feb 20/21	+22,0	-1,08	+75	35	+	ATP sat20-22&sun10-12
Feb 27/28	+8,6	+0,25 P	+173	20	-	23cm SSB fun contest
Mar 7/8	-25,1	-1,27	-98	70	+/-	EU T-contest
Mar 13/14	-7,3	-1,9	-18	25	-	Daytime AM, sun is close
Mar 20/21	+23,8	-1,02	+58	35	+	REF/DUBUS 3.4G AP sa19-21&su9-11
Mar 27/28	+4,9	+0,06 P	+153	20	+/-	REF/DUBUS 2m + 10 GHz
Apr 3/4	-25,3	-1,22	-117	120	+/-	Moon in south
Apr 10/11	-3,6	-1,82 A	-38	25	+/-	Day AM, Apogee
Apr 17/18	+24,8	-0,84	+42	40	+	REF/DUBUS 2.3 GHz
Apr 24/25	+0,7	-0,19 P	+134	20	+/-	REF/DUBUS 432 MHz + 5.7 GHz
May 1/2	-25,0	-1,26	-136	180	+/-	Moon in south EU T-contest
May 8/9	-0,0	-1,75 A	-58	25	+/-	Day, Apogee
May 15/16	+25,0	-0,59	+25	45	-	ATP sun7-9&17-19 DaytonHamvent.
May 22/23	-3,9	-0,40	+116	25	+/-	REF/DUBUS 23cm + ARI digital
May 29/30	-24,3	-1,37	-154	200	-	Moon in south
June 5/6	+3,5	-1,72 A	-79	25	+	Day, Apogee
June 12/13	+24,6	-0,33	+8	45	-	Sun noise ARRL June VHF
June 19/20	-8,5	-0,50	+98	30	+	Day AM
June 26/27	-23,0	-1,54	-173	120	-	Moon in south HAM Radio DL
July 3/4	+6,9	-1,73 A	-99	25	+	EU T-contest
July 10/11	+23,7	-0,14 P	-11	40	-	Day, Perigee, Sunday sun close
July 17/18	-12,6	-0,50	+81	30	+	Day PM
July 24/25	-21,2	-1,70 A	+169	50	-	Moon in south
Jul31/Aug1	+10,2	-1,75 A	-119	25	+	ATP Sat 22-0&sun 7-9
Aug 7/8	+22,2	-0,08 P	-30	30	-	REF/DUBUS Digi 2m ARRL UHF
Aug 14/15	-16,0	-0,42	+63	30	+	EME conference Dallas
Aug 21/22	-18,8	-1,80	+151	35	-	Moon in south
Aug 28/29	+13,4	-1,74	-138	25	+	ATP Sat 21-23 sun 6-8
Sept 4/5	+20,0	-0,14 P	-48	25	-	EU 2m contest
Sept 11/12	-18,6	-0,32 P	+44	35	+	M.i.south Weinheim? ARRL VHF
Sept 18/19	-15,9	-1,85 A	+132	30	-	Moon in south
Sept 25/26	+16,4	-1,65	-157	30	+/-	ARI CW
Oct 2/3	+17,3	-0,28 P	-67	20	-	EU UHF/SHF Contest ARRL ?
Oct 9/10	-20,6	-0,29 P	+25	35	+	Moon in south
Oct 16/17	-12,7	-1,84 A	+113	35	-	Day PM, Apogee
Oct 23/24	+19,0	-1,48	-175	35	+/-	Night ARRL ?
Oct 30/31	+13,7	-0,39 P	-84	15	+/-	ARRL ?
Nov 6/7	-22,1	-0,40	+6	40	+/-	Sun noise EU 2mCW contest
Nov 13/14	-9,4	-1,82 A	+93	30	-	Day PM, Apogee
Nov 20/21	+21,1	-1,28	+167	35	+/-	ARRL ?
Nov 27/28	+9,5	-0,40	-101	20	+/-	ARRL ?
Dec 4/5	-23,4	-0,62	-13	45	+/-	Moon in south, sun is close
Dec 11/12	-6,3	-1,82 A	+72	25	-	Day PM, Apogee
Dec 18/19	+22,7	-1,11	+148	35	+	Night
Dec 25/26	+5,2	-0,26 P	-119	20	+/-	ATP sat22:30-030 sun6:30-8:30

A= Apogee (loss=1.9dB), P=Perigee (loss=0dB), *ATP=ActivityTimePeriod for 432MHz

Sun Offset vs Time of Day for Visible Moon

-180° -120° -30° 0° +30° +120° +180°

Night N	Day (AM) DA	Sun noise S	Day (PM) DP	Night N
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