

# Lunar Weekend Calendar for 2009 (by DL7APV)

2400 Sat/ 0000 Sun	Decl. (deg)	Signals (dB)	Sun offset/°	Sky temp (K, 432)	Comments & contest dates
Jan 03/04	7,12	-0,83	82 DP	25	Daytime ATP sat 20-22 & sun 11-13
Jan 10/11	23,96	-0,13P	180 N	30	Perigee, night
Jan 17/18	-15,08	-1,33	-95 DA	35	Daytime, moon in south
Jan 24/25	-23,54	-1,83A	-12 sun	50	Sun close, moon in south, apogee
Feb 00/01	11,47	-0,73	63 DP	25	Daytime ATP sat 19-21 & sun9:30-11:30
Feb 07/08	21,82	-0,13P	161 N	35	Perigee night 23cm SSB Contest
Feb 14/15	-18,05	-1,33	-114 DA	35	Daytime moon in south GHZ Dorsten
Feb 21/22	-21,3	-1,73A	-31 DA	35	Sun close, moon in south, apogee
Mar 00/01	15,55	-0,63	45 DP	35	ATP sat 18-20 & sun 9-11
Mar 07/08	18,88	-0,23P	143 N	35	VHF V/UHF Terrestrial Contest
Mar 14/15	-20,49	-1,43	-134 N	35	moon in south
Mar 21/22	-18,68	-1,73A	-50 DA	30	moon in south, apogee
<b>Mar 28/29</b>	<b>19,01</b>	<b>-0,53</b>	<b>27 sun</b>	<b>35</b>	<b>EU EME Contest 2m + 10 GHz+up CW/SSB</b>
<b>Apr 04/05</b>	<b>15,03</b>	<b>-0,23</b>	<b>126 DP</b>	<b>35</b>	<b>EU EME Contest 432 + 5760 MHz CW/SSB</b>
Apr 11/12	-22,57	-1,53	-153 N	35	moon in south, near apogee
Apr 18/19	-15,7	-1,73	-70 DA	30	moon in south, apogee
Apr 25/26	21,71	-0,43	9 sun	Sun	Sun close Italian EME Meeting
<b>May 02/03</b>	<b>10,5</b>	<b>-0,33</b>	<b>108 DP</b>	<b>35</b>	<b>EU EME Contest 2,3 + 3.4 GHz CW/SSB</b> <b>ATP sat 12:30-14:30 &amp; 22-24</b>
May 09/10	-24,34	-1,63	-172 N	35	Moon in south, Night, close apogee
May 16/17	-12,34	-1,63	-90 DA	30	Moon in S, day, nr apogee Dayton Hamv.
May 23/24	23,74	-0,33	-9 sun	Sun	Sun close
<b>May 30/31</b>	<b>2,74</b>	<b>-0,43</b>	<b>-84 DA</b>	<b>35</b>	<b>EU EME Contest 23 cm CW/SSB</b>
Jun 06/07	-25,67	-1,63A	170 N	>35	Moon in south, Night, apogee
Jun 13/14	-8,61	-1,53	-110 DA	35	Daytime
Jun 20/21	25,23	-0,33	-28 sun	35	Sun close
Jun 27/28	1,24	-0,43	71 DP	20	ATP Sat 11-13&19:30-21:30 Ham Radio
Jul 04/05	-26,39	-1,73A	152 N	>35	EU/V/UHF Terr. Contest
Jul 11/12	-4,6	-1,53	-130 N	35	Night, near apogee
Jul 18/19	26,19	-0,23P	-46 DA	35	Perigee, daytime high dec
Jul 25/26	-2,78	-0,53	-152 N	25	ATP Sat 10-12 & 17-19
Aug 01/02	-26,35	-1,73A	135 N	200	Moon in south apogee
Aug 08/09	-0,46	-1,43	-149 N	35	ATP Sun4-6 & 20:30-22:30
Aug 15/16	26,43	-0,13P	-64 DA	35	Perigee, Daytime
Aug 22/23	-6,36	-0,63	31 DP	25	Sun close
Aug 29/30	-25,25	-1,83A	117 DP	180	Moon in south, Night, apogee
Sep 05/06	3,61	-1,33	-70 DA	35	EU 144 MHz Terr. Contest
Sep 12/13	25,74	-0,13P	-80 DA	35	ARI Contest CW/SSB - Weinheim Meeting
Sep 19/20	-9,72	-0,73	11 sun	30	Sun close
Sep 26/27	-24,11	1,83A	98 DP	100	Moon in south, day, apogee
Oct 03/04	7,46	-1,23	172 N	35	EU 432 MHz+ up Terrestrial Contest
Oct 10/11	23,98	-0,13P	-96 DA	35	Perigee, daytime,
Oct 17/18	-13,07	-0,83	-8 sun	SUN	Sun close
Oct 24/25	-22,19	-1,83A	79 DP	50	Moon in south, day, apogee
Nov 00/01	10,97	-1,13	153 N	35	Night
Nov 07/08	21,32	-0,03P	-112 DA	25	EU 2m CW Terr. Contest
Nov 14/15	-16,46	-0,93	-27 sun	30	Sun close
Nov 21/22	-19,91	-1,83A	59 DP	40	Moon in south, apogee
Nov 28/29	14,12	-1,13	132 N	25	Night cold sky
Dec 05/06	18,16	-0,03P	-129 N	20	Perigee night cold
Dec 12/13	-19,68	-1,03	-45 DA	35	Moon in south
Dec 19/20	-17,26	-1,83A	40 DP	30	Moon in south, near apogee
Dec 26/27	17,00	-1,03	112 DP	30	Christmas ATP sun 12-14 & 21-23

A= Apogee (loss=1.9dB), P=Perigee (loss=0dB), ATP= DUBUS 70cm ActivityTimePeriod, see also <http://www.sm2cew.com/dubus-aw-70.html> for info and updates

## 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		