Table 7. $M \geqslant 7.4$ earthquakes below 400 km in 1900–2017 versus syzygies.

Date, time, magnitude, depth	Pertinent lunar events	ν	Source
2015/11/24 22:46 M=7.6 d=606	2015/11/25 22:45 Full Moon	1	u, n
2015/5/30 11:23 M=7.8 d=664	2015/6/2 16:22 Full Moon	3	n
2013/5/24 5:45 M=8.3 d=598	2013/5/25 4:27 Full Moon	1	u, n
2012/8/14 3:00 M=7.7 d=583	2012/8/17 15:55 New Moon	3	u, n
2010/7/23 22:08 M=7.6 d=578	2010/7/22 2:35 syzygy-perigee	2	u, n
2008/7/5 2:12 M=7.7 d=633	2008/7/3 2:20 New Moon	2	u, n
2002/8/19 11:01 M=7.7 d=580	2002/8/22 22:30 Full Moon	3	u, n
1996/8/5 22:38 M=7.4 d=550	1996/7/30 syzygy-perigee	0	u
1996/6/17 11:22 M=7.9 d=587	1996/6/16 1:38 New Moon	1	u
1994/6/9 10:33 M=8.2 d=631	1994/6/9 8:28 New Moon	0	u, n
1994/3/9 23:28 M=7.6 d=563	1994/3/12 7:07 New Moon	2	u, n
1984/3/6 2:17 M=7.4 d=457	1984/3/2 18:32 New Moon	0	u
1970/7/31 17:08 M=8 d=645	1970/8/2 5:59 New Moon	2	u
1968/10/7 19:20 M=7.5 d=516	1968/10/6 11:46 New Moon	1	n
1963/11/9 22:16 M=7.6 d=591	1963/11/2 and 1963/11/30 syzygy-perigees	0	u, n
1963/8/15 17:25 M=7.7 d=550	1963/8/19 7:35 New Moon, 2 hours short of $\nu = 3$	$\geqslant 4$	u, n
1961/8/19 5:10 M=7.6 d=612	1961/8/25 syzygy-perigee	0	u
1961/8/31 1:57 M=7.5 d=629	1961/8/25 syzygy-perigee	0	n
1958/7/26 17:37 M=7.5 d=612	1958/7/30 16:46 Full Moon, 12 hours short of $\nu = 3$	$\geqslant 4$	u, n
1957/9/28 14:20 M=7.4 d=587	1957/8/25 18:11 syzygy-perigee, 12 hours short of $\nu = 3$	$\geqslant 4$	u, n
1957/4/16 4:4 M=7.5 d=600	1957/4/14 12:09 Full Moon	2	n
1956/5/23 20:49 M=7.6 d=419	1956/5/24 15:26 Full Moon	1	u, n
1954/3/29 6:17 M=7.8 d=626	1954/4/4 syzygy-perigee	0	u
1937/4/16 3:02 M=8.1 d=400	1937/5/10 syzygy-perigee	0	n
1932/5/26 16:10 M=7.6 d=570	1932/4/20 20:14 syzygy-perigee, 2.5 days short of $\nu = 3$	$\geqslant 4$	u, n
1922/1/17 3:50 M=7.9 d=475	1922/2/12 syzygy-perigee	0	u, n
1921/12/18 15:29 M=7.6 d=650	1921/12/15 2:50 Full Moon, 0.7 hours short of $\nu = 3$	$\geqslant 4$	n
1919/1/1 3:01 M=7.8 d=485	1919/1/2 8:24 New Moon	1	u
1917/7/31 3:23 M=7.5 d=460	1917/8/3 5:11 Full Moon	3	n
1916/6/21 21:32 M=7.5 d=600	1916/7/15 syzygy-perigee	0	n
1912/12/7 22:47 M=7.5 d=620	1912/12/8 17:07 New Moon	1	n
1909/2/22 9:22 M=7.8 d-550	1909/2/20 10:52 New Moon, 1909/3/21 syzygy-perigee	0	n
1907/5/25 14:02 M=7.9 d=600	1907/5/27 14:19 Full Moon	2	n
1903/1/4 5:07 M=8.0 d=400	1903/1/13 syzygy-perigee	0	n
1902/6/11 ≈5 am M=8 d=600	1902/6/6 syzygy-perigee	0	n

Note: The table was compiled by combining earthquakes listed as magnitude $\geqslant 8.2$ either in USGS' data base `https://earthquake.usgs.gov/earthquakes/search/` or in NOAA's data base `https://www.ngdc.noaa.gov/nndc/struts/form?t=101650&s=1&d=1`; the former are indicated by letter "u" in the last column, the latter by letter "n". Only the main shocks are listed, foreshocks and aftershocks are not. Lunar phases and perigees are due to `https://www.fourmilab.ch/earthview/pacalc.html`.