

Table 6. $M \geq 6.6$ earthquakes in Africa in 1900–2016 versus syzygies.

Date, time, magnitude	Pertinent events	ν
2006/2/22 M=7.0	2006/2/27 New Moon-2nd closest perigee	0
2005/12/5 12:20 M=6.8	2005/12/1 15:00 New Moon, 2005/1/20 X7.1 solar flare 14.5 hours short of $\nu = 3$	≥ 4
1995/11/22 M=7.2	1995/11/22-23 New Moon-perigee 1995/12/22 New Moon-closest perigee	0
1990/7/9 15:11 M=6.6	1990/7/8 1:24 Full Moon	2
1990/5/20 M=7.2	1990/5/24 New Moon-2nd closest perigee	0
1990/5/24 M=7.1	1990/5/24 New Moon-2nd closest perigee	0
1980/10/10 M=7.3	1980/10/23 Full Moon-closest perigee	0
1977/12/28 M=6.6	1977/12/25 Full Moon 1977/12/10 New Moon-closest perigee	0
1969/3/31 7:16 M=6.6	1969/4/2 18:47 Full Moon	2
1966/3/20 1:43 M=6.6	1966/3/22 4:48 New Moon	2
1964/3/15 22:30 M=6.6	1964/3/14 2:16 New Moon	2
1954/9/9 1:04 M=6.7	1954/9/12 20:21 Full Moon 7.5 hours short of $\nu = 3$	≥ 4
1954/3/29 6:17 M=7.8	1954/4/3 New Moon-2nd closest perigee	0
1928/1/6 19:32 M=7.0	1928/1/7 6:08 Full Moon	0
1919/7/8 M=7.2		≥ 4
1919/5/1 M=6.7	1919/4/30 New Moon-2nd closest perigee	0
1910/12/13 M=7.3	1910/11/17 Full Moon-closest perigee	0
<i>In addition NOAA lists the following as $M \geq 6.6$</i>		
1992/9/11 M=7.0	1992/8/28 New Moon-closest perigee	0
1960/9/22 9:05 M=6.6	1960/9/20 23:12 New Moon	2
1906/8/25 M=6.8		≥ 4

Note: The earthquake data is from <https://earthquake.usgs.gov/earthquakes/search/>, the lunar data is from <https://www.fourmilab.ch/earthview/pacalc.html>. Foreshocks and aftershocks are included. In bold are the earthquakes along the East African Rift.

