

# Конфигурации Земли, Луны и планет с покрытиями звезд и планет Луной

(краткий астрономический календарь на 2018 год по Occult v4.0, время - UT)

# 2018

Январь					Июль						
d	h		d	h	d	h		d	h		
1	21	Moon at perigee	15	1	Saturn 2.6S of Moon	4	2	Neptune 2.4N of Moon	15	17	Regulus 1.6S of Moon
1	23	Moon furthest North (20.1)	15	2	Moon at apogee	6	7	LAST QUARTER	16	4	Venus 1.5S of Moon
2	2	FULL MOON	15	7	Mercury 3.3S of Moon	6	14	Earth at aphelion	19	19	FIRST QUARTER
2	2	Mercury greatest elong W(23)	15	15	Moon furthest South (-20.1)	7	16	Uranus 4.7N of Moon	21	2	Jupiter 4.2S of Moon
2	20	Uranus stationary	16	10	Pluto 1.8S of Moon	10	4	Venus 1.0N of Regulus	25	5	Saturn 1.9S of Moon
3	6	Earth at perihelion	17	2	NEW MOON	10	9	Aldebaran 1.2S of Moon Occn	25	6	Mercury stationary
5	8	Regulus 0.8S of Moon Occn	17	6	Venus 2.5S of Moon	11	3	Jupiter stationary	25	20	Moon furthest South (-20.8)
7	0	Mars 0.2S of Jupiter	20	20	Neptune 1.5N of Moon	12	3	Mercury greatest elong E(26)	26	13	Pluto 1.3S of Moon
8	22	LAST QUARTER	24	4	Uranus 4.4N of Moon	12	9	Pluto at opposition	27	5	Mars at opposition
9	7	Venus superior conjunction	24	20	Mercury 1.5S of Pluto	12	11	Moon furthest North (20.8)	27	6	Moon at apogee
9	9	Pluto at conjunction	24	22	FIRST QUARTER	13	2	NEW MOON Eclipse	27	20	FULL MOON Eclipse
9	9	Venus 1.2S of Pluto	27	10	Aldebaran 0.8S of Moon Occn	13	8	Moon at perigee	31	7	Neptune 2.4N of Moon
11	8	Jupiter 4.1S of Moon	29	11	Moon furthest North (20.1)	14	23	Mercury 2.1S of Moon	31	8	Mars nearest to Earth
11	12	Mars 4.4S of Moon	30	9	Moon at perigee						
13	6	Mercury 0.6S of Saturn	31	13	FULL MOON Eclipse						

  

Февраль					Август						
d	h		d	h	d	h		d	h		
1	19	Regulus 0.9S of Moon Occn	16	16	Venus 0.5N of Moon Occn	4	0	Uranus 4.7N of Moon	17	15	Venus greatest elong E(46)
7	15	LAST QUARTER	17	4	Neptune 1.6N of Moon	4	18	LAST QUARTER	18	7	FIRST QUARTER
7	21	Jupiter 4.1S of Moon	17	12	Mercury superior conjunction	6	18	Aldebaran 1.2S of Moon Occn	18	10	Mercury stationary
9	6	Mars 4.3S of Moon	20	11	Uranus 4.4N of Moon	7	20	Uranus stationary	21	9	Saturn 2.1S of Moon
11	14	Moon at apogee	21	18	Venus 0.5S of Neptune	8	22	Moon furthest North (20.8)	22	3	Moon furthest South (-20.8)
11	14	Saturn 2.4S of Moon	23	8	FIRST QUARTER	9	2	Mercury inferior conjunction	22	18	Pluto 1.3S of Moon
11	22	Mars 5.1N of Antares	23	17	Aldebaran 0.8S of Moon Occn	10	18	Moon at perigee	23	11	Moon at apogee
11	23	Moon furthest South (-20.1)	25	12	Mercury 0.4S of Neptune	11	4	Mercury 5.3S of Moon	26	11	FULL MOON
12	19	Pluto 1.8S of Moon	25	20	Moon furthest North (20.1)	11	9	NEW MOON Eclipse	26	21	Mercury greatest elong W(18)
15	18	Mercury 1.1S of Moon Occn	27	14	Moon at perigee	12	4	Regulus 1.6S of Moon	27	12	Neptune 2.3N of Moon
15	21	NEW MOON Eclipse				14	18	Venus 5.8S of Moon	27	10	Mars stationary
						17	13	Jupiter 4.3S of Moon	31	5	Uranus 4.6N of Moon

  

Март					Сентябрь						
d	h		d	h	d	h		d	h		
1	6	Regulus 0.9S of Moon Occn	17	13	NEW MOON	1	17	Venus 1.2S of Spica	17	16	Saturn 2.0S of Moon
2	0	FULL MOON	18	21	Venus 3.5N of Moon	3	1	Aldebaran 1.2S of Moon Occn	18	9	Moon furthest South (-21.0)
4	13	Neptune at conjunction	19	19	Uranus 4.4N of Moon	3	2	LAST QUARTER	19	1	Pluto 1.3S of Moon
4	20	Mercury 1.1N of Venus	19	20	Mercury 3.8N of Venus	5	6	Moon furthest North (20.9)	20	0	Moon at apogee
7	8	Jupiter 3.9S of Moon	20	16	Equinox	6	3	Mercury 1.0N of Regulus	20	4	Mars 4.7S of Moon
9	9	Jupiter stationary	22	18	Mercury stationary	6	10	Saturn stationary	21	2	Mercury superior conjunction
9	11	LAST QUARTER	22	22	Aldebaran 0.9S of Moon Occn	7	18	Neptune at opposition	23	1	Equinox
10	0	Mars 3.8S of Moon	24	15	FIRST QUARTER	8	1	Moon at perigee	23	17	Neptune 2.3N of Moon
11	2	Saturn 2.2S of Moon	25	2	Moon furthest North (20.2)	8	14	Regulus 1.7S of Moon	25	2	FULL MOON
11	6	Moon furthest South (-20.1)	26	16	Moon at perigee	8	22	Mercury 0.9S of Moon Occn	27	10	Uranus 4.5N of Moon
11	9	Moon at apogee	28	14	Regulus 1.0S of Moon Occn	9	18	NEW MOON	30	7	Aldebaran 1.4S of Moon
12	4	Pluto 1.7S of Moon	29	0	Venus 0.1S of Uranus	14	4	Jupiter 4.2S of Moon	30	15	Pluto stationary
15	13	Mercury greatest elong E(18)	31	12	FULL MOON	16	23	FIRST QUARTER			
16	13	Neptune 1.7N of Moon									

  

Апрель					Октябрь						
d	h		d	h	d	h		d	h		
1	17	Mercury inferior conjunction	17	22	Venus 5.2N of Moon	2	9	LAST QUARTER	17	18	Moon at apogee
2	15	Mars 1.3S of Saturn	18	1	Saturn stationary	2	13	Moon furthest North (21.1)	18	11	Mars 1.9S of Moon
3	16	Jupiter 3.7S of Moon	18	13	Uranus at conjunction	5	3	Venus stationary	21	0	Neptune 2.4N of Moon
7	12	Saturn 1.9S of Moon	19	4	Aldebaran 1.0S of Moon Occn	5	22	Moon at perigee	24	0	Uranus at opposition
7	14	Moon furthest South (-20.3)	20	14	Moon at perigee	5	23	Regulus 1.9S of Moon	24	15	Uranus 4.4N of Moon
7	17	Mars 3.1S of Moon	21	7	Moon furthest North (20.4)	6	7	Mercury 2.0N of Spica	24	16	FULL MOON
8	6	Moon at apogee	22	21	FIRST QUARTER	9	3	NEW MOON	26	14	Venus inferior conjunction
8	7	LAST QUARTER	23	1	Pluto stationary	10	4	Mercury 5.5S of Moon	27	13	Aldebaran 1.6S of Moon
8	13	Pluto 1.5S of Moon	24	20	Regulus 1.2S of Moon Occn	11	23	Jupiter 3.9S of Moon	29	12	Mercury 3.1S of Jupiter
13	0	Neptune 1.9N of Moon	26	11	Mars 1.4S of Pluto	15	2	Saturn 1.8S of Moon	29	18	Moon furthest North (21.3)
14	4	Mercury stationary	29	20	Mercury greatest elong W(27)	15	17	Moon furthest South (-21.2)	31	16	LAST QUARTER
14	12	Mercury 3.6N of Moon	30	0	FULL MOON	16	8	Pluto 1.1S of Moon Occn	31	20	Moon at perigee
16	1	NEW MOON	30	19	Jupiter 3.6S of Moon	16	18	FIRST QUARTER			
16	5	Uranus 4.3N of Moon									

  

Май					Ноябрь						
d	h		d	h	d	h		d	h		
4	20	Saturn 1.7S of Moon	13	18	Uranus 4.4N of Moon	2	5	Regulus 2.0S of Moon	17	8	Neptune 2.6N of Moon
4	22	Moon furthest South (-20.5)	15	11	NEW MOON	6	11	Mercury greatest elong E(23)	20	22	Uranus 4.5N of Moon
5	20	Pluto 1.4S of Moon	16	13	Aldebaran 1.2S of Moon Occn	7	16	NEW MOON	23	4	Mercury 4.1N of Antares
6	0	Moon at apogee	17	18	Venus 4.8N of Moon	8	19	Jupiter 3.6S of Moon	23	5	FULL MOON
6	6	Mars 2.8S of Moon	17	21	Moon at perigee	9	16	Mercury 1.8N of Antares	23	21	Aldebaran 1.7S of Moon
8	2	LAST QUARTER	18	14	Moon furthest North (20.6)	11	15	Saturn 1.5S of Moon	25	8	Neptune stationary
9	0	Jupiter at opposition	22	2	Regulus 1.4S of Moon	12	2	Moon furthest South (-21.4)	26	1	Moon furthest North (21.4)
10	10	Neptune 2.1N of Moon	22	3	FIRST QUARTER	12	17	Pluto 0.9S of Moon Occn	26	6	Jupiter at conjunction
13	10	Mercury 2.2S of Uranus	27	19	Jupiter 3.8S of Moon	14	3	Venus stationary	26	12	Moon at perigee
13	18	Mercury 2.3N of Moon	29	14	FULL MOON	14	15	Moon at apogee	27	9	Mercury inferior conjunction

  

Июнь					Декабрь						
d	h		d	h	d	h		d	h		
1	0	Saturn 1.7S of Moon	16	12	Venus 2.4N of Moon	3	21	Venus 3.4S of Moon	15	11	FIRST QUARTER
1	6	Moon furthest South (-20.7)	18	8	Regulus 1.5S of Moon	5	22	Mercury 1.8S of Moon	15	19	Mercury greatest elong W(21)
2	3	Pluto 1.2S of Moon	19	12	Neptune stationary	6	14	Jupiter 3.3S of Moon	18	7	Uranus 4.6N of Moon
2	16	Moon at apogee	20	10	FIRST QUARTER	7	0	Mercury stationary	21	7	Aldebaran 1.7S of Moon
3	10	Mars 3.2S of Moon	21	10	Solstice	7	7	NEW MOON	21	16	Mercury 0.8N of Jupiter
3	15	Mercury 5.8N of Aldebaran	23	21	Jupiter 4.0S of Moon	7	14	Mars 0.0N of Neptune	21	22	Solstice
6	2	Mercury superior conjunction	25	4	Mercury 4.9S of Pollux	9	5	Saturn 1.1S of Moon Occn	22	17	FULL MOON
6	18	LAST QUARTER	27	13	Saturn at opposition	9	10	Moon furthest South (-21.5)	23	11	Moon furthest North (21.5)
6	19	Neptune 2.3N of Moon	28	3	Saturn 1.8S of Moon	10	3	Pluto 0.8S of Moon Occn	23	19	Jupiter 5.2N of Antares
8	8	Venus 4.7S of Pollux	28	4	FULL MOON	12	12	Moon at apogee	24	10	Moon at perigee
10	6	Uranus 4.6N of Moon	28	13	Mars stationary	14	16	Neptune 2.8N of Moon	26	17	Regulus 2.3S of Moon
12	23	Aldebaran 1.2S of Moon Occn	28	13	Moon furthest South (-20.8)	15	2	Mars 3.3N of Moon	29	9	LAST QUARTER
13	19	NEW MOON	29	8	Pluto 1.2S of Moon						
14	12	Mercury 4.5N of Moon	30	2	Moon at apogee						
14	23	Moon at perigee	30	23	Mars 4.8S of Moon						
15	0	Moon furthest North (20.7)									

**Пояснения:** моменты явлений даны по всемирному времени, opposition – противостояние, conjunction – соединение, stationary – стояние, superior верхнее (соединение), inferior – нижнее (соединение), perigee – перигей, apogee – апогей, greatest elong – максимальная элонгация, furthest South – максимальное склонение к югу от небесного экватора, furthest North – максимальное склонению к северу от небесного экватора, Occn – покрытие Луной звезды или планеты для Земли, Eclipse – затмение, NEW MOON – новолуние, FIRST QUARTER – первая четверть Луны, FULL MOON – полнолуние, LAST QUARTER – последняя четверть Луны, 1.9N – градусы к северу от объекта, 1.9S – градусы к югу от объекта, Solstice – солнцестояние (летнее и зимнее), Equinox – равноденствие весеннее и осеннее, Earth at perihelion – Земля в перигелии, Earth at aphelion – Земля в афелии.

**Ясного неба и успешных наблюдений!**

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