

First Month.

JANUARY, 1889.

31 Days.



MOON'S PHASES.

New Moon, 1 d. 4 h., eve. First Quarter, 8 d. 8 h., eve.
 Full Moon, 17 d. 1 h., morn. Last Quarter, 24 d. 7 h., morn.
 New Moon, 31 d. 4 h., morn.

DATE.	DAY.	SUN RISES.		SUN SETS.	MOON'S SOUTH-ING.	MOON SETS.		MISCELLANEOUS.
		H. M.	H. M.			H. M.	H. M.	
1	Tue	7 19	4 49		11 56	sets.		Abolition of slavery proclaimed by Lincoln, 1863.
2	W'd	7 19	4 49	ev	0 56	5 55		Battle of Trenton, 1777.
3	Thr	7 19	4 50		1 56	7 4		Glass re-discovered, 653 A. D.
4	Fr'd	7 19	4 51		2 53	8 14		Magnetic needle invented, 1302.
5	Sat.	7 19	4 52		3 44	9 21		Paris bombarded, 1871. [ied, 1883.
6	S.	7 19	4 53		4 32	10 25		Telegraphy first utilized, 1844. Gambetta bur-
7	M'n	7 19	4 54		5 17	11 27		Taking of Lima by Chilians, 1881.
8	Tue	7 19	4 55		6 1	morn.		Battle of New Orleans, 1815.
9	W'd	7 19	4 56		6 43	0 26		Napoleon III. died, 1873.
10	Thr	7 19	4 57		7 26	1 25		Battle Middle Creek, Ky., 1862.
11	Fr'd	7 19	4 58		8 9	2 22		Arkansas Post surrendered, 1863.
12	Sat.	7 18	4 59		8 54	3 19		Florida seceded, 1861.
13	S.	7 18	5 0		9 41	4 15		Gen. Taylor ordered to Mexico, 1846.
14	M'n	7 18	5 1		10 30	5 10		Peace ratified by Congress, 1784.
15	Tue	7 17	5 2		11 20	6 3		Charleston burned, 1778.
16	W'd	7 17	5 3	morn.		ises.		Daniel Webster born, 1782.
17	Thr	7 17	5 4		0 10	5 38		Benj. Franklin born, 1706.
18	Fr'd	7 16	5 5		1 1	6 38		Georgia seceded, 1861.
19	Sat.	7 16	5 6		1 50	7 40		Gold discovered in California, 1848.
20	S.	7 15	5 7		2 39	8 44		England acknowledges U. S., 1783.
21	M'n	7 15	5 8		3 27	9 48		Louis XVI. beheaded, 1793.
22	Tue	7 14	5 9		4 14	10 53		Obelisk erected in New York, 1881.
23	W'd	7 13	5 11		5 2	11 59		Gustav Doré died, 1883.
24	Thr	7 13	5 12		5 51	morn.		Virginia re-admitted to Congress, 1870. [1882.
25	Fr'd	7 12	5 13		6 42	1 7		Louisiana seceded, 1861. Guiteau sentenced,
26	Sat.	7 12	5 14		7 37	2 17		Michigan admitted, 1837.
27	S.	7 11	5 15		8 34	3 28		Peter the Great died, 1725.
28	M'n	7 10	5 16		9 35	4 37		Gas first used in London streets, 1807.
29	Tue	7 9	5 18		10 36	5 42		Kansas admitted, 1861.
30	W'd	7 8	5 19		11 37	sets.		Charles I. executed, 1649.
31	Thr	7 8	5 20	ev	0 36	5 49		First National Bank, Philadelphia, 1781.