

1856

9. SEPTEMBER. Begins on Monday, has 30 days. 1856.

Moon's Phases.

	D.	H.	M.
First Quarter,	7	11	1 M.
Full Moon,	14	9	13 M.
Last Quarter,	21	0	53 M.
New Moon,	28	10	52 E.

years ending Dec. 31st, 1853, according to the Gregorian Calendar?

PROB. 22.—With what velocity per-second must a ball be projected vertically that it may never return to the earth, the radius of the latter being 7912 miles?

PROB. 23.—Required the diameter of three, of four, and of five, the largest circles that can be inscribed in a circle six feet in diameter.

in the 1853

● Moon High
uth. water.
M. H. M.

52 9 46
36 10 23
18 10 57
58 11 29
37 11 59
16 morn.
56 0 32
40 1 5
27 1 39
18 2 20
14 3 11
12 4 26
13 5 48
12 7 8
rn. 8 7
8 8 57
2 9 40
53 10 23
43 11 3
33 11 45
25 ev. 27
18 1 10
14 1 55
12 2 50
10 4 7
6 5 38
59 7 6
48 8 4
33 8 51
16 9 29
6 10 2

Day of Mon.	Day of Week.	Phenomena, Chronology, etc.	☉ Sun rises. H. M.	☉ Sun sets. H. M.	☉ Sun's dec. N. °	☾ Moon's place.	● Moon rises. H. M.	● Moon south. H. M.	High water. H. M.
1	Mon	Dayb'k 3 49. <i>Fair</i>	5 32	6 28	8 3	☾	7 40	1 35	10 32
2	Tue	☉ in apogee. <i>and</i>	5 33	6 27	7 41	☾	7 58	2 14	10 59
3	Wed	Treaty Peace 1783.	5 34	6 26	7 19	☾	8 22	2 53	11 28
4	Thu	♀ so. 0 47. <i>very</i>	5 36	6 24	6 57	☾	8 43	3 35	11 55
5	Fri	Moon near Mars.	5 37	6 23	6 35	☾	9 10	4 20	morn.
6	Sat	Reindeer exp. 1852.	5 38	6 22	6 12	☾	9 43	5 9	0 25
7	E	16th Sun. aft. Trin.	5 40	6 20	5 50	☾	10 26	6 1	0 56
8	Mon	Dayb'k. 3 56. <i>warm.</i>	5 41	6 19	5 27	☾	11 19	6 57	1 34
9	Tue	☉ lowest. <i>Cloudy</i>	5 42	6 18	5 5	☾	morn.	7 56	2 24
10	Wed	Dog Days End. <i>and</i>	5 44	6 16	4 42	☾	0 24	8 54	3 45
11	Thu	♀ in Aphelion. <i>cool</i>	5 45	6 15	4 19	☾	1 36	9 51	5 19
12	Fri	Baltimore bom. 1814	5 46	6 14	3 57	☾	2 54	10 46	6 48
13	Sat	Dayb'k 4 3. <i>sultry</i>	5 48	6 12	3 33	☾	rises.	11 39	7 47
14	E	☉ ne'r Nep. <i>weather.</i>	5 49	6 11	3 10	☾	6 26	morn.	8 37
15	Mon	☉ in perigee. <i>Look</i>	5 50	6 10	2 47	☾	6 51	0 31	9 18
16	Tue	Venus south 0 54.	5 52	6 8	2 24	☾	7 19	1 22	9 58
17	Wed	Cornwallis sur. 1781.	5 53	6 7	2 0	☾	7 49	2 15	10 38
18	Thu	☉ & ♀. <i>out for a</i>	5 54	6 6	1 37	☾	8 25	3 9	11 19
19	Fri	Daybreak 4 10.	5 56	6 4	1 14	☾	9 9	4 6	11 57
20	Sat	☉ highest. <i>thunder</i>	5 57	6 3	0 51	☾	10 0	5 5	ev. 4
21	E	St. Matthew. <i>storm.</i>	5 58	6 2	0 27	☾	10 59	6 4	1 25
22	Mon	Moon & Saturn.	6 0	6 0	0 4	☾	morn.	7 2	2 25
23	Tue	Arnold's trea. 1780.	6 1	5 59	S. 20	☾	0 2	7 56	3 52
24	Wed	Moon near Regulus.	6 2	5 58	0 43	☾	1 3	8 46	5 30
25	Thu	Daybreak 4 18.	6 4	5 56	1 6	☾	2 11	9 32	6 56
26	Fri	☉ brightest. <i>Cloudy</i>	6 5	5 55	1 30	☾	3 14	10 15	7 50
27	Sat	Venus south 1 1.	6 6	5 54	1 53	☾	4 14	10 55	8 28
28	E	☉ eclipsed. <i>and</i>	6 8	5 52	2 17	☾	sets.	11 34	9 1
29	Mon	☉ in apogee.	6 9	5 51	2 40	☾	6 6	ev. 13	9 32
30	Tue	☉ near ♀. <i>rainy.</i>	6 10	5 50	3 3	☾	6 22	0 52	9 58

PROB. 24.—Required the largest cube that can be cut from a cone of six feet base and height.