

1. JANUARY. Begins on Tuesday, has 31 days. 1856.

Moon's Phases.

	D.	H.	M.	
New Moon,	7	6	21	E.
First Quarter,	14	10	47	M.
Full Moon,	21	10	33	E.
Last Quarter,	30	3	39	M.

PROB. 1.—Required the largest number of hills of corn that can be planted upon a *square* acre, the centres of the hills not being nearer each other than $3\frac{1}{2}$ feet.

PROB. 2.—A father wills \$16,000, \$12,000, and \$8,000, to his three children. But it is found his estate is worth only \$20,000. How much must each share be?

Day of Mon.	Day of Week.	Phenomena, Chronology, etc.	☉		☽		☿	Moon's place.	☾		High water.
			Sun rises.	H. M.	Sun sets.	H. M.	Sun's dec. S.		Moon rises.	H. M.	
1	Tue	Circumcision. <i>Cold.</i>	7	26 4	34	23	2	☾	0 49	6 38	2 45
2	Wed	$\frac{1}{2}$ south 10 52.	7	26 4	34	22	57	☾	1 50	7 20	3 49
3	Thu	♀ so. 8 52. <i>Snow.</i>	7	25 4	35	22	52	☾	2 54	8 6	4 50
4	Fri	♀ near ☉. <i>Pre-</i>	7	25 4	35	22	46	☾	4 3	8 56	5 53
5	Sat	En. & U.S. Trea. '84.	7	24 4	36	22	39	☾	5 15	9 51	6 57
6	F	☉ lowest. <i>paring to</i>	7	24 4	36	22	31	☾	6 24	10 51	7 50
7	Mon	Dayb'k. 5 46. <i>thaw.</i>	7	23 4	37	22	25	☾	sets.	11 54	8 40
8	Tue	B. N. Orleans 1815.	7	23 4	37	22	17	☾	5 37	ev. 56	9 26
9	Wed	Saturn south 10 22.	7	22 4	38	22	9	☾	6 55	1 57	10 13
10	Thu	☉ perigee. <i>Colder.</i>	7	21 4	39	22	1	☾	8 14	2 53	10 58
11	Fri	Dr Dwight d. 1817.	7	21 4	39	21	51	☾	9 30	3 45	11 46
12	Sat	Maximi. I. di. 1519.	7	20 4	40	21	42	☾	10 45	4 35	morn.
13	F	Daybreak 5 46.	7	19 4	41	21	32	☾	11 55	5 22	0 31
14	Mon	Bruce d. 1611. <i>Snow</i>	7	19 4	41	21	22	☾	morn.	6 10	1 18
15	Tue	♀ south 9 57. <i>or</i>	7	18 4	42	21	11	☾	1 7	6 59	2 7
16	Wed	☿ ☉. <i>rain.</i>	7	17 4	43	20	59	☾	2 17	7 50	3 0
17	Thu	B. Franklin b. 1706.	7	16 4	44	20	48	☾	3 27	8 43	4 4
18	Fri	$\frac{1}{2}$ near ☉. <i>Cloudy.</i>	7	16 4	44	20	36	☾	4 35	9 38	5 15
19	Sat	Daybreak 5 45.	7	15 4	45	20	24	☾	5 38	10 34	6 33
20	F	☉ enters ♊. <i>Snow,</i>	7	14 4	46	20	11	☾	6 35	11 29	7 39
21	Mon	<i>wind and rain.</i>	7	13 4	47	19	58	☾	rises.	morn.	8 33
22	Tue	$\frac{1}{2}$ south 9 27 $\frac{1}{2}$.	7	13 4	48	19	45	☾	5 35	0 21	9 20
23	Wed	Wm. Pitt di. 1806.	7	11 4	49	19	31	☾	6 37	1 9	10 2
24	Thu	Daybreak 5 42.	7	10 4	50	19	17	☾	7 37	1 54	10 38
25	Fri	Conver. St. Paul.	7	9 4	51	19	2	☾	8 37	2 36	11 11
26	Sat	Moon in apogee.	7	8 4	52	18	47	☾	9 36	3 16	11 42
27	F	Sexagesima. <i>High</i>	7	7 4	53	18	32	☾	10 29	3 55	ev. 13
28	Mon	♂ near ☉. <i>winds.</i>	7	6 4	54	18	16	☾	11 34	4 34	0 45
29	Tue	♀ so. 8 58. <i>Snow.</i>	7	5 4	55	18	0	☾	morn.	5 14	1 19
30	Wed	Venus south 9 17.	7	4 4	56	17	44	☾	0 37	5 57	1 56
31	Thu	♀ in ♋. <i>Thaws.</i>	7	3 4	57	17	28	☾	1 44	6 44	2 36