

☿ This is the first month of the year; its Zodiacal sign is CAPRICORNUS, or the Goat; it derives its name from *Janus*, a deity represented by the Romans with two faces, because he was acquainted with past and future events.

Mean Results of Meteorological Observations at Hamilton, by Dr. CRAIGIE.
1846.

MONTH.	THERMOMETER.			Highest.	Lowest.	BAROMETER.			Rainy days.	Slight Showers.	Dry Days.	
	Mean at Nine A. M.	Mean at Nine P. M.	Mean of both. ●			Mean.	Highest.	Lowest.				
January.....	29.2	30.4	29.8	51	4	29.657	30.30	29.22	3	9	19	
February ...	24.54	24.4	24.47	48	-4	655	21	28.97	5	7	16	
March	38.16	35.32	36.74	53	10	66	14	29.00	4	9	18	
April	47.16	44.93	46.05	85	26	774	22	17	5	7	18	
May	62.645	57.323	59.984	85	35	603	29.92	25	4	7	20	
June	70.43	64.13	67.28	90	45	704	30.10	40	2	8	20	
July	77.87	67.0	72.435	98	49	70	08	37	2	7	22	
August	74.74	70.52	72.63	93	53	73	29.90	44	4	2	25	
September...	68.24	66.00	67.12	90	41	716	95	40	4	8	18	
October	48.065	48.645	48.355	76	25	753	30.17	30	7	8	16	
November ...	44.1	45.4	44.75	60	20	7255	22	02	4	7	19	
December ...	31.74	34.2	32.97	58	16	669	22	05	4	4	23	
Mean	50.215					29.6955				48	83	234

Day of Week.	Remarkable Events.	ASTRONOMICAL NOTES.	Polar Distance of Pole Star.	Eclipses of Jupiter's Satellites.
1 Mond.	Circumcision.	Jupiter near Mars.	1 27 32	The Satellites of Jupiter will not be visible this month, Jupiter being too near the Sun.
2 Tuesd.	(1) Ed. Burke born 1730.	Moon farthest north.	1 27 32	
3 Wed.	Battle of Princeton 1777.	Moon near Pollux.	1 27 31	
4 Thur.	Earthquake in Canada, 1663.	Mercury in Aphelion.	1 27 31	
5 Friday	Treaty bet'n Britain & U.S. 1784.	Moon in apogee.	1 27 31	Example 1.—The height of a triangle is 39, and base 21, required the side of the largest inscribed square.
6 Satur.	Epiphany.	Mercury farthest south.	1 27 31	
7 SUND.	(6) St'r <i>Peerless</i> launched 1853.	Saturn in ♄ this month	1 27 31	
8 Mond.	Galileo died 1612.	Jupiter in ♊ this month	1 27 31	
9 Tuesd.	Pontenelle died 1757.	Moon on equator.	1 27 31	Ex. 2.—Required the sides of a right angled triangle, when their sum is 40, and the radius of the inscribed circle is 3.
10 Wed.	London Exchange burnt 1838.	Mars in ♊ this month.	1 27 31	
11 Thur.	Linnaeus died 1778.	Uranus in ♍ this mo.	1 27 31	
12 Friday	Sir C. Bagot, Gov. Gen. 1842.	Venus in Aphelion.	1 27 31	
13 Satur.	C. J. Fox born 1749	Moon at Desc. node.	1 27 31	Ex. 3.—Given the chords of two arcs, 4 and 8, and the radius of the circle 12, to find the chord of their sum.
14 SUND.	Halley died, 1742.	Venus in ♊ this month.	1 27 31	
15 Mond.	Gen. Wolfe born, 1726.	Venus north 0 44 even.	1 27 31	
16 Tuesd.	Battle of Corunna, 1809.	Moon farthest south.	1 27 31	
17 Wed.	Benjamin Franklin born, 1706	Moon near Mercury	1 27 31	Ex. 4.—The sides of a triangle are 13, 20, and 21. Required the perpendicular let fall on the longest side.
18 Thur.	Daniel Webster born 1782.	Jupiter near Venus	1 27 31	
19 Friday	James Watt born, 1736.	Moon east of Mars.	1 27 31	
20 Satur.	Howard died, 1790.	Sun ent. ♊. ♄ sup. ☿ ☾	1 27 31	
21 SUND.	Louis XVI. guillotined 1793.	Mars south 1.23 eve.	1 27 31	Ex. 5.—The sides of a triangle are, a, b, and c; what is its area?
22 Mond.	Byron born 1788.	Moon on equator.	1 27 31	
23 Tuesd.	W. Pitt died, 1806.	Jupiter south 0.33 eve.	1 27 31	
24 Wed.	(25) Burns born, 1759.	Saturn south 8.16 eve.	1 27 31	
25 Thur.	Sir F. B. Head, Lt. Gov. 1836.	Jup. near ♄. ♄ in peri.	1 27 31	Ex. 6.—The sides of a triangle are 13, 20, and 21. Required the perpendicular let fall on the longest side.
26 Friday	Tom Moore died, 1852.	Moon at Ascen. node.	1 27 31	
27 Satur.	Temp. at Quebec, 34° b. zero '53.	Moon near Saturn.	1 27 31	
28 SUND.	Gibbon died, 1794.	Venus in Capricorn.	1 27 31	
29 Mond.	George III. died, 1820.	Jupiter ☿ Sun.	1 27 31	Ex. 7.—The sides of a triangle are 13, 20, and 21. Required the perpendicular let fall on the longest side.
30 Tuesd.	Charles I. beheaded, 1643.	Mars south 1 16 eve.	1 27 31	
31 Wed.	Earl of Elgin, Gov. Gen. 1847.	Uranus South 5 59 eve.	1 27 32	

○ Full
☾ Last
☼ New
☿ First
☾ Apoc
☼ Peri

Day Mo.

1 ...
7 ...
13 ...
19 ...
25 ...
31 ...

Day of Month
Day
Week

1 Mond.
2 Tuesd.
3 Wed.
4 Thur.
5 Frid.
6 Satu.
7 un
8 Jon
9 Tues
10 Wed.
11 Thur.
12 Frid.
13 Satu.
14 un
15 Mond.
16 Tues
17 Wed.
18 Thur.
19 Frid.
20 Satu.
21 Sun
22 Mond.
23 Tues
24 Wed.
25 Thur.
26 Fri
27 Satu
28 Su
29 Mond
30 Tues
31 Wed.

Prob
and 13
which
placed
amount
of age.