

8th Month.

**AUGUST, 31 Days.**

Begins on Thursday

| Moon's Phases.      |    | Quebec.  | Montreal. | Kingston. | Toronto. | London.  |
|---------------------|----|----------|-----------|-----------|----------|----------|
|                     | D. | h. m.    | h. m.     | h. m.     | h. m.    | h. m.    |
| First Quarter ..... | 7  | 2 20 mo. | 2 14 mo.  | 2 2 mo.   | 1 50 mo. | 1 40 mo. |
| Full Moon.....      | 15 | 5 49 mo. | 5 43 mo.  | 5 31 mo.  | 5 19 mo. | 5 11 mo. |
| Third Quarter.....  | 22 | 4 34 ev. | 4 28 ev.  | 4 16 ev.  | 4 4 ev.  | 3 56 ev. |
| New Moon.....       | 29 | 8 17 mo. | 8 11 mo.  | 7 59 mo.  | 7 47 mo. | 7 39 mo. |

| DAY.                   |       | Montreal.  |           | Toronto.   |           | Sun's Declinat. | The Moon. | Sun on Meridian.            |    |    |    |
|------------------------|-------|------------|-----------|------------|-----------|-----------------|-----------|-----------------------------|----|----|----|
|                        |       |            |           |            |           |                 |           | D.                          | h. | m. | s. |
| M.                     | Week. | Sun Rises. | Sun Sets. | Sun Rises. | Sun Sets. | North.          | R. & S.   | 1                           | 12 | 6  | 4  |
|                        |       | h. m.      | h. m.     | h. m.      | h. m.     | Deg. Min.       | h. m.     | 9                           | 12 | 6  | 17 |
|                        |       |            |           |            |           |                 |           | 17                          | 12 | 3  | 53 |
|                        |       |            |           |            |           |                 |           | 25                          | 12 | 1  | 57 |
| Calendar, Aspects, &c. |       |            |           |            |           |                 |           |                             |    |    |    |
| 1                      | Thur. | 4 48       | 7 24      | 4 54       | 7 18      | 18 2            | 8 14      | Harvesting progressing.     |    |    |    |
| 2                      | Fri.  | 50         | 22        | 55         | 17        | 17 47           | 8 53      | Haying mostly over.         |    |    |    |
| 3                      | Sat.  | 51         | 21        | 56         | 16        | 17 31           | 9 28      | Last year's wet has taught  |    |    |    |
| 4                      | F.    | 4 52       | 7 20      | 4 57       | 7 15      | 17 15           | 10 1      | 7th Sunday after Trinity.   |    |    |    |
| 5                      | Mon.  | 53         | 19        | 58         | 14        | 16 59           | 10 34     | Farmers promptitude.        |    |    |    |
| 6                      | Tues. | 55         | 17        | 59         | 13        | 16 43           | 11 9      | They this year have made    |    |    |    |
| 7                      | Wed.  | 56         | 16        | 5 0        | 12        | 16 28           | 11 44     | hay while the sun shone.    |    |    |    |
| 8                      | Thur. | 57         | 14        | 1          | 10        | 16 9            | Morn.     | Pleasant and warm.          |    |    |    |
| 9                      | Fri.  | 58         | 12        | 2          | 8         | 15 52           | 0 22      | Heavy thunder in the west.  |    |    |    |
| 10                     | Sat.  | 59         | 11        | 3          | 7         | 15 35           | 1 3       | Rather dull day.            |    |    |    |
| 11                     | F.    | 5 1        | 7 9       | 5 5        | 7 6       | 15 17           | 1 48      | 8th Sunday after Trinity.   |    |    |    |
| 12                     | Mon.  | 2          | 8         | 6          | 4         | 14 59           | 2 38      | Aspects are for rain.       |    |    |    |
| 13                     | Tues. | 3          | 7         | 7          | 3         | 14 41           | 3 29      | Some rain falls.            |    |    |    |
| 14                     | Wed.  | 4          | 5         | 8          | 1         | 14 21           | 4 24      | Changeable weather.         |    |    |    |
| 15                     | Thur. | 5          | 3         | 9          | 6 59      | 14 4            | Rises.    | The week on the whole not   |    |    |    |
| 16                     | Fri.  | 6          | 2         | 10         | 58        | 13 45           | 7 35      | very favorable for harvest  |    |    |    |
| 17                     | Sat.  | 7          | 1         | 11         | 57        | 13 38           | 8 8       | More pleasant and calm.     |    |    |    |
| 18                     | F.    | 6 8        | 6 59      | 5 12       | 6 56      | 13 7            | 8 38      | 9th Sunday after Trinity.   |    |    |    |
| 19                     | Mon.  | 9          | 57        | 13         | 54        | 12 47           | 9 12      | Somewhat warm now.          |    |    |    |
| 20                     | Tues. | 11         | 55        | 14         | 52        | 12 27           | 9 48      | There is thunder and storm. |    |    |    |
| 21                     | Wed.  | 12         | 54        | 16         | 50        | 12 7            | 10 27     | Storm abated—not much       |    |    |    |
| 22                     | Thur. | 13         | 52        | 17         | 49        | 11 47           | 11 11     | damage done.                |    |    |    |
| 23                     | Fri.  | 14         | 50        | 18         | 47        | 11 37           | Morn.     | Changeable aspects.         |    |    |    |
| 24                     | Sat.  | 16         | 48        | 19         | 46        | 11 7            | 0 2       | St. Bartholomew.            |    |    |    |
| 25                     | F.    | 5 18       | 6 46      | 5 20       | 6 44      | 10 46           | 0 58      | 10th Sunday after Trinity.  |    |    |    |
| 26                     | Mon.  | 19         | 45        | 21         | 43        | 10 25           | 2 1       | Harvesting progressing and  |    |    |    |
| 27                     | Tues. | 20         | 43        | 22         | 40        | 10 4            | 3 7       | prospects are quite good.   |    |    |    |
| 28                     | Wed.  | 21         | 41        | 24         | 38        | 9 43            | 4 16      | No good reason for com-     |    |    |    |
| 29                     | Thur. | 22         | 40        | 25         | 37        | 9 22            | Sets.     | plaining. The crops are     |    |    |    |
| 30                     | Fri.  | 23         | 38        | 26         | 36        | 9 0             | 7 23      | good and most of them       |    |    |    |
| 31                     | Sat.  | 24         | 36        | 27         | 34        | 8 39            | 7 56      | well harvested.             |    |    |    |

**AUGUST.**—By tracing the process of fermentation and transformation of vegetable substances from crude carbonates to carbonic acid, we can understand how it is that soils become more and more friable, and, therefore, more and more easily worked, as they undergo a course of judicious tillage and cropping through several years. And we may further understand why tenacious clay, sand, and gravel are poor; for, just in proportion to the amount of carbonates that have been deposited and transformed in clay, will it be friable and productive of the crops for which it is suitable; and just in proportion to the capacity, natural or artificial, of sand or gravel to hold in their more porous conformation the same kind of deposit, will they, with due moisture, be productive of the plants for which they are suitable. These are subjects worthy of consideration.

**ROBERTSON'S PHILOSOPHY OF GRAMMAR.**