

# ALMANAC FOR THE YEAR 1840.

## EPOCHS, AND COMMON NOTES.

EPOCHS.	
Of the Julian Period . . . . .	6553
Of the Mundane <i>Æra</i> . . . . .	5843
Since the Birth of Christ, according to Chronology	1844
Of the Vulgar Christian <i>Æra</i> . . . . .	1840
Since the Discovery of America . . . . .	348
Since the treaty which confirmed the possession of Canada to the British Crown, } . . . . .	77
Since the British acknowledgement of the Inde- pendence of the United States of America, at the Peace of 1783, } . . . . .	57
Since the Division of the Province of Quebec into Lower and Upper Canada, } . . . . .	49
Of the Reign of Her Majesty Victoria I. . . . .	3

### CHRONOLOGICAL CYCLES,

The Dominical Letter, is *E.* until the 10th of March, afterward *D.*

### MOVEABLE FEASTS.

Septuages.	Febry. 16	Low Sunday,	April 26
Quinquages, or Shrove Sunday, } . . . . .	March 1	Rogation Sunday, Ascension Day, } . . . . .	May 24
Ash Wednesday or 1st day of Lent, } . . . . .	March 4	or Holy Thurs- day, } . . . . .	May 28
Mid Lent Sunday,	March 29	Whit Sunday,	June 7
Palm Sunday,	April 12	Trinity Sunday,	June 14
Easter Day,	April 19	Advent Sunday,	Nov. 29

### THUNDER AND LIGHTNING.

To determine the distance of *Lightning*, count the number of *Seconds* between the *flash* and the *clap of thunder*, and allow rather less than a quarter of a mile for each second.

The middle of the room is the safest situation in a *Thunder Storm*, and lower rooms are more safe than upper-chambers.

### THE FORCE OF LIGHTNING.

A person may be killed by lightning, although the explosion takes place at the distance of twenty miles, by what is called the backstroke. Suppose that the two extremities of a cloud, highly charged with electricity, hang down towards the earth, they will repel the electricity from the earth's surface, if it be of the same kind with their own, and will attract the other kind; and if a discharge should suddenly take place at one end of the cloud, the equilibrium will instantly be restored by a flash at that point of the earth which is under the other.

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