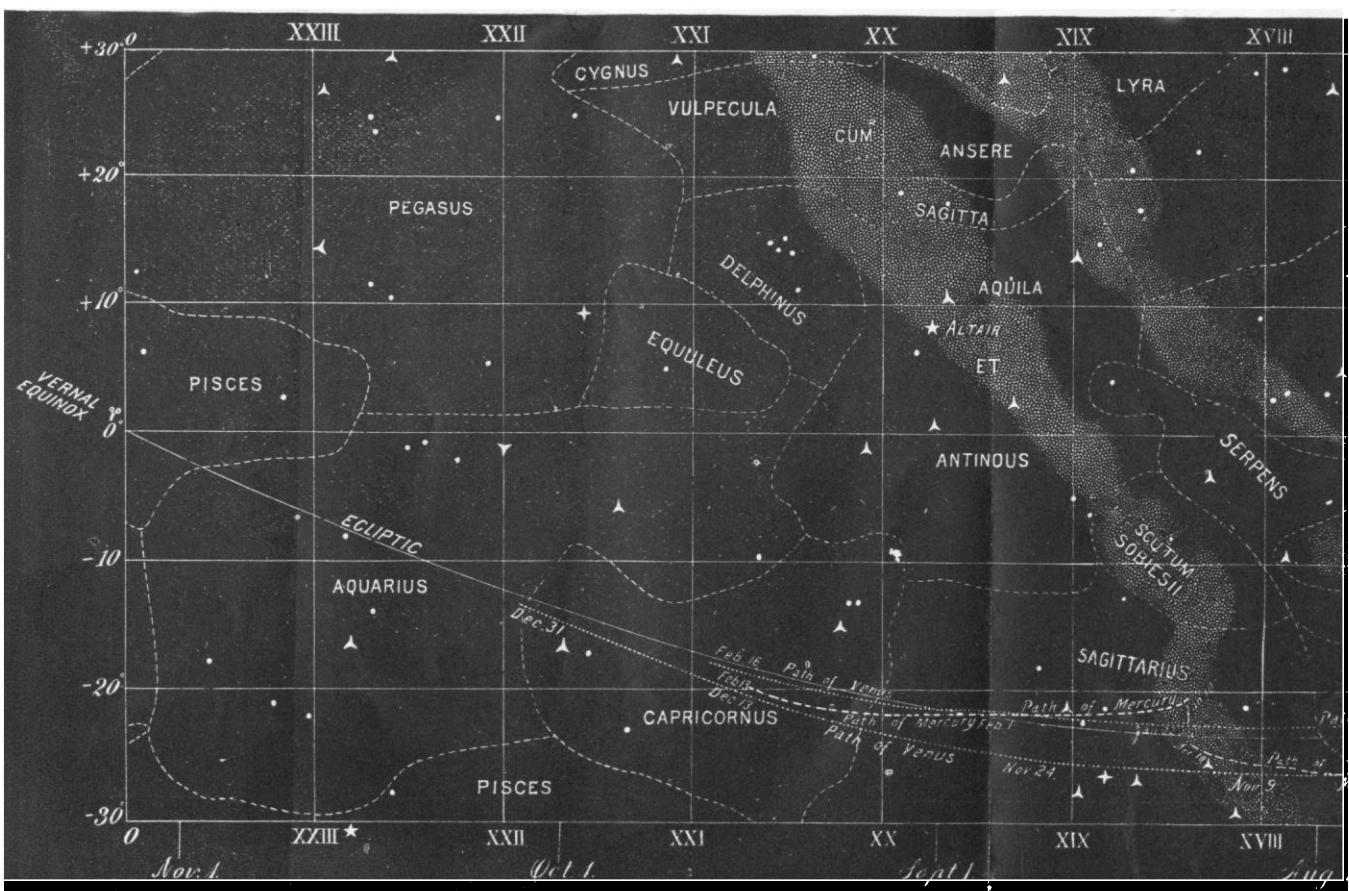
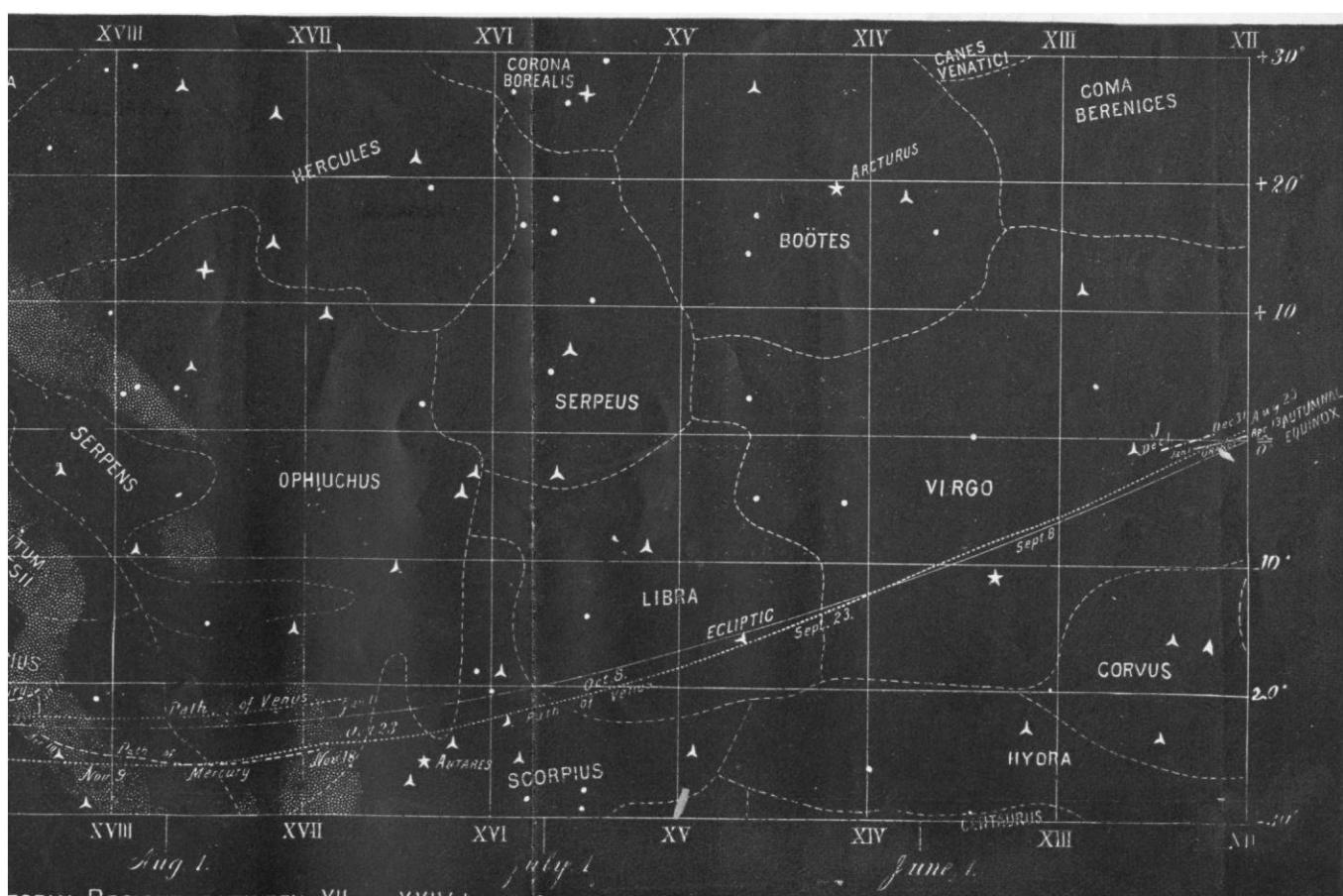
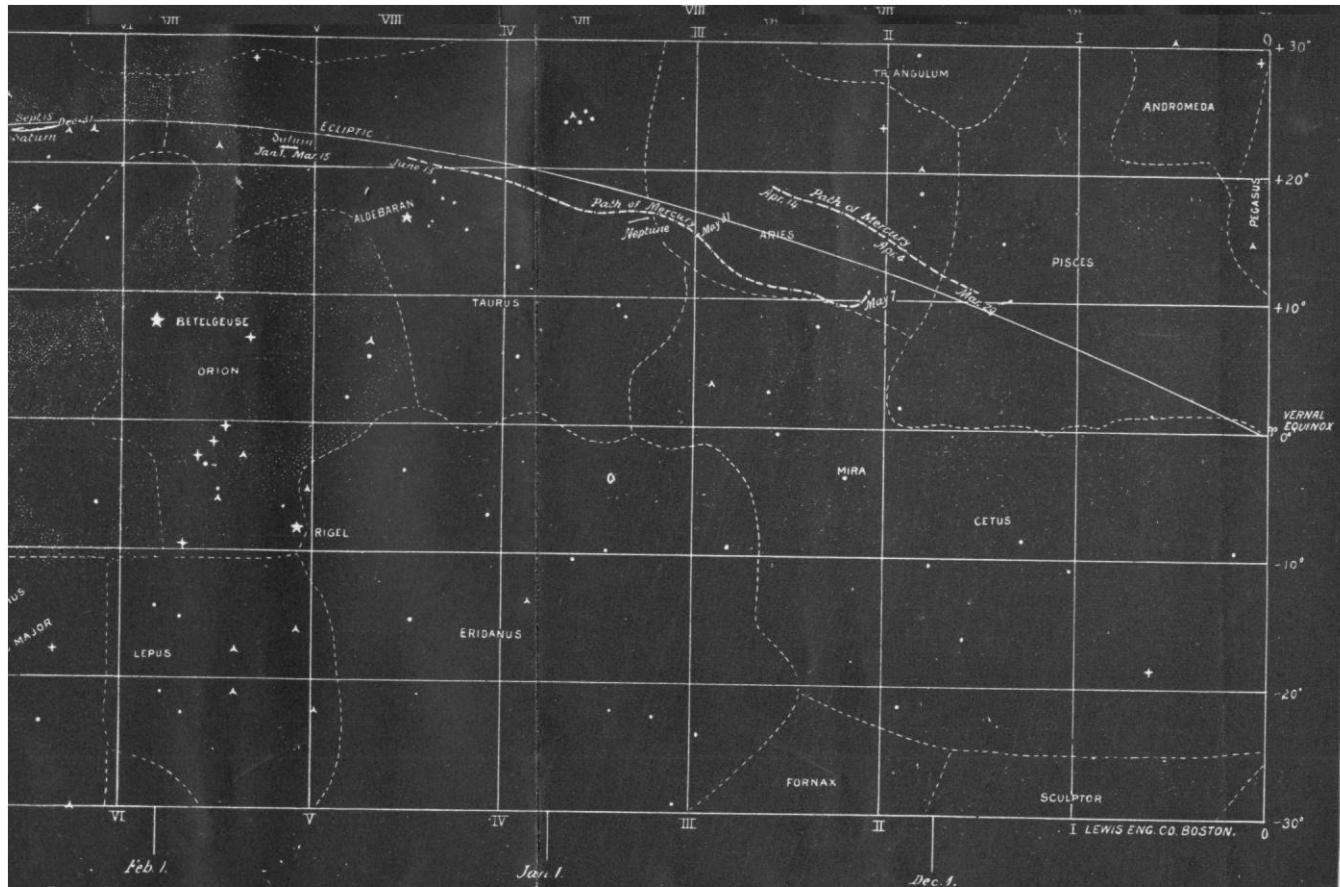


MAP II. THE EQUATORIAL REGIONS BETWEEN THE TROPICS OF CANCER AND CAPRICORN.



MAP III. THE EQUATORIAL REGIONS BETWEEN THE TROPICS OF CANCER AND CAPRICORN.



## STANDARD TIME.

FOR the convenience of the travelling public, there have been adopted by the railroads of the United States and the Dominion of Canada, and to a certain extent by the municipalities of the two countries, five different standards of time, extending from Nova Scotia to the Pacific coast, being as follows:—

| NAME.                   | Central meridian.                         |
|-------------------------|---|
| Intercolonial . . . . . | 60° = 4 <sup>h</sup> west from Greenwich. |
| Eastern . . . . .       | 75° = 5 <sup>h</sup> " " "                |
| Central . . . . .       | 90° = 6 <sup>h</sup> " " "                |
| Mountain . . . . .      | 105° = 7 <sup>h</sup> " " "               |
| Pacific . . . . .       | 120° = 8 <sup>h</sup> " " "               |

The calculations of this almanac are given in *local mean time*, except where otherwise stated. To change to 'standard time,' apply a *plus* or *minus* correction, to be found by subtracting the central longitude of the adopted standard from the longitude of the place, reduced to time.

For example: the standard of Boston is the 'Eastern' one, carrying (as per schedule above) the longitude of 75°, or 5 hours, which, subtracted from Boston's longitude, 71° 4' = 4<sup>h</sup> 44<sup>m</sup>, gives a *minus* result of 3° 56', or 16 minutes, to be *subtracted* from the printed mean-time values for Boston.

Again: the standard for St. Paul—the 'Central' one—is 6 hours, which, subtracted from St. Paul's longitude of 6° 12<sup>m</sup>, leaves a correction of 12 minutes to be *added*, in order to change to St. Paul's standard.

The following table gives the correction for a number of the principal cities of the continent:—

## STANDARD TIME-TABLE.

Correction to be applied to local mean time to obtain standard time.

|                             | Standard.      | Correc- |                             | Standard. | Correc- |                                | Standard. | Correc- |
|-----------------------------|----------------|---------|-----------------------------|-----------|---------|--------------------------------|-----------|---------|
|                             | M.             | tion.   |                             | M.        | tion.   |                                | M.        | tion.   |
| Eastport, Me. . . . .       | Intercolonial. | + 28    | Erie, Penn. . . . .         | Central.  | - 40    | Jacksonville, Fla. . . . .     | Central.  | - 33    |
| Bangor, Me. . . . .         | Eastern.       | - 25    | Cleveland, O. . . . .       | "         | - 33    | Pensacola, Fla. . . . .        | "         | - 11    |
| Augusta, Me. . . . .        | "              | - 21    | Columbus, O. . . . .        | "         | - 28    | Lexington, Ky. . . . .         | "         | - 23    |
| Portland, Me. . . . .       | "              | - 19    | Toledo, O. . . . .          | "         | - 26    | Louisville, Ky. . . . .        | "         | - 18    |
| Concord, N.H. . . . .       | "              | - 14    | Cincinnati, O. . . . .      | "         | - 22    | Knoxville, Tenn. . . . .       | "         | - 24    |
| Manchester, N.H. . . . .    | "              | - 14    | Detroit, Mich. . . . .      | "         | - 28    | Nashville, Tenn. . . . .       | "         | - 13    |
| Montpelier, Vt. . . . .     | "              | - 10    | Lansing, Mich. . . . .      | "         | - 22    | Memphis, Tenn. . . . .         | "         | -       |
| Burlington, Vt. . . . .     | "              | - 7     | Grand Haven, Mich. . . . .  | "         | - 15    | Montgomery, Ala. . . . .       | "         | - 15    |
| Boston, Mass. . . . .       | "              | - 16    | Fort Wayne, Ind. . . . .    | "         | - 19    | Huntsville, Ala. . . . .       | "         | - 13    |
| Springfield, Mass. . . . .  | "              | - 10    | Indianapolis, Ind. . . . .  | "         | - 10    | Mobile, Ala. . . . .           | "         | - 8     |
| Northampton, Mass. . . . .  | "              | - 9     | Chicago, Ill. . . . .       | "         | - 10    | Holly Springs, Miss. . . . .   | "         | - 2     |
| Newport, R.I. . . . .       | "              | - 15    | Cairo, Ill. . . . .         | "         | - 3     | Jackson, Miss. . . . .         | "         | + 1     |
| Providence, R.I. . . . .    | "              | - 14    | Springfield, Ill. . . . .   | "         | - 2     | New Orleans, La. . . . .       | "         | -       |
| Hartford, Conn. . . . .     | "              | - 9     | Galena, Ill. . . . .        | "         | + 2     | Shreveport, La. . . . .        | "         | + 15    |
| New Haven, Conn. . . . .    | "              | - 8     | Quincy, Ill. . . . .        | "         | + 6     | Little Rock, Ark. . . . .      | "         | + 9     |
| Albany, N.Y. . . . .        | "              | - 5     | Milwaukee, Wis. . . . .     | "         | - 8     | Fort Gibson, Ind. Ter. . . . . | "         | + 21    |
| New York, N.Y. . . . .      | "              | - 4     | Janesville, Wis. . . . .    | "         | - 4     | Galveston, Tex. . . . .        | "         | + 19    |
| Utica, N.Y. . . . .         | "              | + 1     | Madison, Wis. . . . .       | "         | - 3     | Houston, Tex. . . . .          | "         | + 21    |
| Syracuse, N.Y. . . . .      | "              | + 5     | Superior City, Wis. . . . . | "         | + 8     | Dallas, Tex. . . . .           | "         | + 27    |
| Rochester, N.Y. . . . .     | "              | + 11    | Dubuque, Io. . . . .        | "         | + 3     | Austin, Tex. . . . .           | "         | + 31    |
| Buffalo, N.Y. . . . .       | "              | + 16    | Davenport, Io. . . . .      | "         | + 3     | Des Antonio, Tex. . . . .      | "         | + 34    |
| Newark, N.J. . . . .        | "              | - 3     | Des Moines, Io. . . . .     | "         | + 14    | Cheyenne, Wyoming. . . . .     |           |         |
| Trenton, N.J. . . . .       | "              | - 1     | Duluth, Minn. . . . .       | "         | + 9     | Denver, Col. . . . .           | "         | -       |
| Philadelphia, Penn. . . . . | "              | + 1     | St. Paul, Minn. . . . .     | "         | + 12    | Santa Fé, N. Mex. . . . .      | "         | + 4     |
| Harrisburg, Penn. . . . .   | "              | + 7     | Minneapolis, Minn. . . . .  | "         | + 13    | Helena, Montana. . . . .       | "         | + 28    |
| Pittsburg, Penn. . . . .    | "              | + 20    | St. Louis, Mo. . . . .      | "         | + 1     | Salt Lake City, Utah. . . . .  | "         | + 28    |
| Wilmington, Del. . . . .    | "              | + 2     | Jefferson City, Mo. . . . . | "         | + 9     | Virginia City, Nev. . . . .    | Pacific.  | - 2     |
| Baltimore, Md. . . . .      | "              | + 6     | Kansas City, Mo. . . . .    | "         | + 18    | San Diego, Cal. . . . .        | "         | - 11    |
| Washington, D.C. . . . .    | "              | + 8     | St. Joseph, Mo. . . . .     | "         | + 19    | Sacramento, Cal. . . . .       | "         | + 6     |
| Norfolk, Va. . . . .        | "              | + 5     | Lawrence, Kan. . . . .      | "         | + 21    | San Francisco, Cal. . . . .    | "         | + 10    |
| Richmond, Va. . . . .       | "              | + 10    | Topeka, Kan. . . . .        | "         | + 23    | Olympia, Wash. Ter. . . . .    | "         | + 11    |
| Lynchburg, Va. . . . .      | "              | + 17    | Omaha, Neb. . . . .         | "         | + 24    | Portland, Ore. . . . .         | "         | -       |
| Wheeling, W. Va. . . . .    | "              | + 23    | Lincoln, Neb. . . . .       | "         | + 27    | Quebec, Quebec. . . . .        | Eastern.  | - 15    |
| Wilmington, N.C. . . . .    | "              | + 12    | Yankton, Dakota. . . . .    | "         | + 29    | Montreal, Quebec. . . . .      | "         | - 6     |
| Raleigh, N.C. . . . .       | "              | + 15    | Bismarck, Dakota. . . . .   | "         | + 43    | Ottawa, Ontario. . . . .       | "         | + 3     |
| Charleston, S.C. . . . .    | "              | + 20    | Savannah, Ga. . . . .       | "         | - 36    | Toronto, Ontario. . . . .      | "         | + 18    |
| Columbia, S.C. . . . .      | "              | + 24    | Milledgeville, Ga. . . . .  | "         | - 27    |                                |           |         |