

| | <i>h. m. s.</i> |
|--|-----------------|
| Brought forward..... | +0 07 01.65 |
| Reduction to dome of the State Capitol, as before | - 0.23 |
| <hr/> | |
| The dome of the State Capitol is West, in longitude, of Chi- cago Station No. 3 | +0 07 01.42 |
| Longitude of Chicago Station No. 3..... | +5 50 31.20 |
| <hr/> | |

2d Determination.

| | |
|---|------------|
| Longitude of the dome of the State Capitol at Madison.... | 5 57 32.62 |
| <hr/> | |

SUMMARY.—LONGITUDE OF THIS STATE CAPITOL.

| | |
|---|------------|
| By Determination 1st, of June 4th, 1859 | 5 57 33.34 |
| By Determination 2d, of June 5th, 1859 | 5 57 32.62 |
| <hr/> | |

Result adopted, giving the determination of June 4th

a weight of 3, and that of June 5th a weight of 2:

| | |
|--|-------------------|
| Longitude of the dome of the State Capitol, at Madison, Wisconsin, West of the meridian of Greenwich..... | 5h 57m. 33.05s. |
| Equal, in arc, to..... | 89° 23' 15.75" W. |
| Latitude, as before given..... | 43 04 30.8 N. |

J. D. GRAHAM,

Corresponding Member of the Society.