

2d. — Milwaukee Signals recorded at both Stations.

Times of signals given at Milwaukee by sidereal Chronometer No. 2,557.	Chronometer No. 2,557, fast of Milwaukee sidereal time.	Times of Milwaukee signals as noted at Chicago by mean solar Chronometer, No. 141.	Chronometer No. 141, slow of Chicago mean solar time.	Chicago correct mean solar time of Milwaukee signals.	Chicago correct sidereal time of Milwaukee signals.	Milwaukee correct sidereal time of Milwaukee signals.	Difference of Longitude by each signal. — Milwaukee, West of the meridian of Chicago. Station No. 3.
<i>h. m. s.</i>	<i>h. m. s.</i>	<i>h. m. s.</i>	<i>m. s.</i>	<i>h. m. s.</i>	<i>h. m. s.</i>	<i>h. m. s.</i>	<i>h. m. s.</i>
18 23 15	1 02 00.85	10 18 09	4 49.09	10 22 58.09	17 22 20.34	17 21 14.15	0 01 06.19
18 26 15	1 02 00.86	10 21 08.5	4 49.09	10 25 57.59	17 25 20.33	17 24 14.14	0 01 06.19
18 29 16	1 02 00.87	10 24 09	4 49.09	10 28 58.09	17 28 21.32	17 27 15.13	0 01 06.19
18 32 16.5	1 02 00.88	10 27 09	4 49.09	10 31 58.09	17 31 21.82	17 30 15.62	0 01 06.20
18 35 17	1 02 00.89	10 30 09	4 49.09	10 34 58.09	17 34 22.31	17 33 16.11	0 01 06.20

2d Mean.— Electric Signals transmitted from Milwaukee to Chicago ..... 0 01 06.194

1st Mean.— Electric Signals transmitted from Chicago to Milwaukee, as above..... 0 01 06.202

*Result.*— Milwaukee Station No. 3, West, in longitude, of Chicago observing station No. 3, by a mean of two sets of signals ..... +0 01 06.2