

Same night, (*July 1st, 1858,*) and same Station.

**Observations for the latitude**—(Continued.)

2d.—*Altitudes of Polaris, North.*

Number for Reference.	True sidereal time of observation.	Meridian distances in sidereal time.	Observed true altitudes corrected for refraction and errors of sextant.	Latitude, deduced from each observation.
	<i>h. m. s.</i>	<i>h. m. s.</i>	° ' "	° ' "
1	20 05 37.4	18 58 28.4	43 23 34.8	43 02 36.3
2	20 22 37.3	19 15 28.3	43 29 57.5	43 02 46.1
3	20 24 54.5	19 17 45.5	43 30 40	43 02 39.1
4	20 29 30.1	19 22 21.1	43 32 12.5	43 02 34.0
5	20 32 07.0	19 24 58.0	43 33 07.6	43 02 31.6
6	20 33 48.2	19 26 39.2	43 34 02.6	43 02 50.6
7	20 38 38.0	19 31 29.0	43 35 37.7	43 02 43.1
8	20 40 37.4	19 33 28.4	43 35 57.7	43 02 21
9	20 44 25.7	19 37 16.7	43 37 27.7	43 02 31
10	20 46 58.5	19 39 49.5	43 38 27.8	43 02 38
11	20 49 50.8	19 42 41.8	43 39 22.8	43 02 33.3
12	20 52 03.2	19 44 54.2	43 40 12.8	43 02 37.6

LATITUDE deduced from a mean of 12 altitudes of the Star POLARIS, North..... 43 02 36.8

Latitude from 18 circum-meridian altitudes of Alpha AQUILÆ, South, as above given ..... 43 02 30.2

*Result:* Latitude of Station ..... 43 02 33.5

Reduction to the Steeple of the Roman Catholic church on Jackson Street ..... +0.29

Latitude of this Church Steeple, by the observations of this night..... 43 02 33.79N