

470th mile.July 16th 1873.

E. E.

h. m. s. P.M.
11. 32. 15 P.M.

$$\text{Log Cos } D \ 88^{\circ} . 37' . 43'' = 8.37899$$

$$\text{" " L } 36. 25. 30 = \underline{9.90560}$$

$$\text{" Sin } A. = \underline{8.47339}$$

$$A. i. 42. 16$$

$$\text{Obs by N. } 13. 41. 00$$

$$E. E. + A \quad \underline{1. 42. 16}$$

$$\underline{15. 23. 16} = \text{Var}$$

478th mile.July 17th 1873.

E. E.

h. m. s. P.M.
11. 38. 16 P.M.

$$\text{Log Cos } D \ 88^{\circ} . 37' . 43.2'' = 8.37897$$

$$\text{" " L } 36. 20. 50 = \underline{9.90603}$$

$$\text{" Sin } A. = \underline{8.47294}$$

$$A = i. 42. 09. 6$$

$$\text{Obs by N. } 13. 40. 00$$

$$E. E. + A \quad \underline{1. 42. 09. 2}$$

$$\underline{15. 22. 09. 2} = \text{Var}$$

498th Mile.July 19th 1873.

E. E.

11. 20. 45 P.M.

$$\text{Log Cos } D \ 88^{\circ} . 37' . 43.4'' = 8.37895$$

$$\text{" " L } 36. 09. 00. = \underline{9.90713}$$

$$\text{" Sin } A. = \underline{8.47182}$$

$$A = i. 41. 53. 8$$

$$\text{Obs by N } 13. 52. 00$$

$$E. E. + A \quad \underline{1. 43. 53. 8}$$

$$\underline{15. 33. 53. 8} = \text{Var}$$