

declination May 16th - 19° 2' N
 Cor for 1/2 time tab 5 96 - gives 12 not used
 Polar Dist 70 58
 109 2

true alt 14 49
 Lat 23 15 - Sicut 03678
 Polar Dist 109 2 Cor 02442
 Sicut 147 06
 half sum 73 33 Cor 45206
 true alt 14 49
 remainder 58 - 44 sine 9 93184

2) 19.8 510
 9.7 2255
 app time 4 14 56 at ship
 app time 0 20 5 at Greenwich +
 Long 3 54 51 in time
 11 44 33
 Long 58 42 25 in

July 15th 1824 in Latitude 18° 10' 58" and Longitude by account 72° 15'
 about 9 o'clock A.M. ship time the sun observed altitude 58° 58'
 at the same time the chronometer was 2nd 11 16 which on the 11th
 of June was 2nd 15 fast of mean time at Greenwich and losing
 1st 8 per day required the true Longitude of the place of
 observation

time by Chronometer 01 06 alt 58° 58' Declination 29° 31' 34"
 2nd 11 16 app alt 51° 10' Connection 58
 original error 2 15 refraction 1 Sun Cor. Dub 32 29
 2 8 55 true alt 51° 9'

Loss in 24 Days 86
 2 9 31

Latitude 18° 10' 58" Sicut 02221 02221
 Sun's Declina 21 52 1/2 08444 08144
 0 22 1/2 nat Cosine 99827
 nat sine 77879
 Sun's true alt 51° 9' Diff 21948 its log 4.54143
 time before noon 2 48 47 rises 4 39 508
 Sub tract from 24 0 0
 app time at ship July 14 21 14 56
 Equation of time 5 32
 mean time at ship 21 20 28
 mean time at green 26 9 31
 Longitude in time 4 49 3 72° 15' 45"