Astronomical Station N° 2
near 38° of North Latitude.

Obs N° 1
for Lat:

June 9th 1873.

Obs of Sun by Zenith Sector
Lower Limb.

Zenith Sector =	15°. 13'. 20"
	90. 00. 00
Obs Appt Alt Lower L.	74. 46. 40
Semi Diam	15. 47. 31
	75. 02. 27. 31
Refract	15
	75. 02. 12. 31
Par	02.
True Alt Sun's center	75. 02. 14. 31
	90. 00. 00. 00
Zenith Dist	14. 57. 45.69
Decl	22. 59. 53.643
Latitude	37°. 57'. 39".333

Semi Diam	Declination
15'. 47". 34	22°. 58'. 17". 50
Dif 03	Dif of Lon 1. 36. 143
15'. 47". 31	True 22°. 59'. 53". 643

Hour Dif = 12.17
× 7.90
109530
8519
÷ 60) 96.1430
= 1'. 36". 14