

Solar Observation

A solar observation taken at sea January 14th 1844
 at 10:55^{am} full sea account long 81° 8' W By me
 ascertaining the distance of the moon from the Sun.
 App. Dist 68° 51' 56" Sun 74° 56' Moon 87° 7' apparent Dist

Sun	Moon	Dist	Chro
74° 56'	87° 07'	68° 51' 56"	1° 51' 48"
<u>15° 08'</u>	<u>20</u>	<u>16° 16'</u>	<u>30° 32'</u>
24° 32'	36° 47'	16° 20'	1° 07' 14"
68° 57'		69° 04' 32"	11° 05' 54"
<u>2) 168° 17'</u>		3° 58' 32"	<u>2° 02' 22"</u>
84° 08'		3° 13' 36"	
75° 08'		<u>1° 27'</u>	
<u>9° 00'</u>		68° 17' 07"	
		68° 55' 53"	6664
		<u>00° 38' 48"</u>	<u>2595</u>
			<u>4071</u>

04102	4816	4816	10° 56' 42"	35° 10' 30"
03087	0148	2214	9° 09'	23° 05' 54"
1° 00' 31"	9° 9' 05"	1° 41' 43"	<u>11° 05' 58"</u>	<u>2° 04' 43"</u>
<u>9° 19' 43"</u>	<u>0° 46' 17"</u>	<u>1° 12' 16"</u>		
<u>18° 27' 50"</u>				
<u>9° 18' 75"</u>				

Long By Solar 81° 08' W
 Long By Chron 80° 35' W
 Diff 33' Dist
 Solar