

PAPERS RELATIVE TO THE

	°	'	''		
	76	42	24	sin. =	9°988205
	27	30	54	sin. =	9°664624
					<u>19°652829</u>
	42	6	27	sin.	<u>9°826414</u>
			2		
	84	12	54		
		+	12		
	84	13	6		
N. A. Dist. 12H.	84	33	4	P. L.	3306
		19	58	P. L.	9550
		42	45		
					<u>6944</u>
T. G. M. T.	11	17	15		
T. M. T. P.	3	36	43		
Longitude	7	40	32	W.	
			60		
	4	460	32	0	
Longitude	115	8	0	W.	

OLD BOW FORT, SITE OF THE.—Lat. 51° 9' 0'' N.
BASE OF ROCKY MOUNTAINS.

1858. August 16th, at 4H. 39M. P.M. (M. T. at Place) nearly, the following Distances were observed (Sun and Moon), Index Error + 5' 25''; Error of Chronometer on M. T. at Place, 7H. 29M. 21s. fast; Approximate Error on G. M. T. 10m. slow.
(Mean of 9 sights).

			D.	H.	M.	S.		°	'	''
Mean Chronometer Times	-	16	12	8	33	0	Mean of Distances	95	33	31
Error	-	-	-	-	7	29	I. Error	-	-	+ 5 25
T. M. T. at Place	-	-	16	4	39	12		95	58	56

To compute True and Apparent Altitude of ☉
s' and s.

☉'s N. P. D.	Cor.	Cor.	Eq. of T.	½ M. Dist.	In Arc.	½ (l' + p).
N.						
° ' ''	''	S.	M. S.	H. M. S.	H. M. S.	° ' ''
13 46 22.2	47.67	.513	4 5.25	4 39 11.7	2 17 36.4	76 23 24
9 46.3	12.3	13.3	6.3	3 58.9	60	38 51 0
13 36 35.9	14.301	1539	3 58.95	4 35 12.8	137 36 24	115 14 24
	572.04	6156				
76 23 24.1				2 17 36.4	34 24 6	57 37 12
	586.34	6.309	- M. T.			
	9.46					