

OBSERVATIONS for LATITUDE made by Dr. HECTOR when detached from the Expedition.

Date.	Place.	Obs. Mer. Alt. corrected for I.E.	Longitude by Account.	Latitude.
			W.	N.
		° ' "	° ' "	° ' "
1857 :				
December 14	Four miles E. of Redberry Lake -	* Polaris 108 20 0	106 56 0	52 42 0
" 19	English Creek - - -	☉ 26 13 0	108 56 0	53 16 0
" 19	E. angle of Red Deer Hill - -	* Polaris 110 53 0	109 3 0	53 28 0
" 20	Fort Pitt - - - - -	* " 110 4 30	109 18 0	53 35 0
" 20	" - - - - -	* Jupiter 97 46 0	- - -	53 34 0
" 22	" - - - - -	☉ 26 32 0	- - -	53 34 0
1858 :				
March 29	" - - - - -	☉ 79 20 30	- - -	53 34 0
January 5	Fort Edmonton - - - - -	☉ 28 26 0	113 49 0	53 29 0
" 5	" - - - - -	* Polaris 109 50 0	- - -	53 30 0
" 8	" - - - - -	☉ 28 0 0	- - -	53 32 0
February 10	" - - - - -	☉ 44 2 0	- - -	53 30 0
" 11	" - - - - -	☉ 44 42 0	- - -	53 30 0
" 20	" - - - - -	☉ 50 51 30	- - -	53 31 0
March 4	" - - - - -	☉ 59 51 0	- - -	53 31 0
" 6	" - - - - -	☉ 61 26 30	- - -	53 30 0
" 7	" - - - - -	☉ 62 9 30	- - -	53 31 0
January 11	Crossing Place, Battle River, on Moun- tain Ho. Track. - - - - -	* Jupiter 99 34 0	114 6 0	52 41 0
" 14	Rocky Mountain Fort - - - - -	* Polaris 107 53 0	115 30 0	52 29 0
July 9	Elbow of Battle River - - - - -	☉ 119 37 0	111 5 0	52 19 0
August 12	Rocky Mountains, Bow River, First Lakes - - - - -	☉ 107 19 30	115 16 0	51 1 44
" 14	Rocky Mountains, Bow River, The Nick Rocky Mountains, Bow River, Cascade Mount - - - - -	☉ 105 59 0	115 30 0	51 2 26
" 15	" - - - - -	☉ 105 10 0	115 40 0	51 9 18
" 18	Rocky Mountains, Bow River, Castle Mount - - - - -	☉ 103 10 0	116 0 0	51 10 42
" 21	Rocky Mountains, Vermillion River, The angle - - - - -	☉ 101 20 0	116 26 0	51 6 0
" 22	Rocky Mountains, Vermillion River, Snow Creek, S. from Mount Ball -	☉ 100 49 0	116 19 0	51 2 45
" 24	Rocky Mountains, Kootanie River, N. of Forks - - - - -	☉ 99 48 0	116 26 0	50 52 0
" 26	Rocky Mountains, Kootanie River, its source - - - - -	☉ 98 11 0	116 40 0	51 0 37
" 28	Rocky Mountains, Bearerfort River -	☉ 96 28 30	116 52 0	51 9 30
" 30	Rocky Mountains, Kicking Horse River Falls - - - - -	☉ 95 0 0	116 55 0	51 10 0
September 1	Rocky Mountains, Kicking Horse River Falls - - - - -	☉ 93 18 0	116 57 0	51 16 30
" 3	Rocky Mountains, Bow River, Noore's Creek - - - - -	☉ 91 38 0	116 38 0	51 22 40
" 8	Rocky Mountains, Bow River, Noore's Creek - - - - -	☉ 87 44 0	116 43 0	51 28 0
" 9	Rocky Mountains, Bow River, its source	☉ 86 34 0	117 0 0	51 40 0
" 11	Rocky Mountains, N.B. Saskatchewan, E. end of Glacier Lake - - -	☉ 86 36 0	117 30 0	51 54 0
" 12	Rocky Mountains, N.B. Saskatchewan, W. end of Glacier Lake - - -	☉ 83 54 0	117 39 0	51 52 16
" 14	Rocky Mountains, N.B. Saskatchewan, 4 miles above mouth of Little Fork -	☉ 82 16 0	117 22 0	51 56 30
" 18	Rocky Mountains, N.B. Saskatchewan, 4 miles below Wapattuk River -	☉ 78 45 30	116 46 0	52 18 0
" 20	Rocky Mountains, N.B. Saskatchewan, Sheep River - - - - -	☉ 76 41 0	116 40 0	52 24 0
" 23	Rocky Mountains, N.B. Saskatchewan, Sheep River - - - - -	☉ 74 21 0	- - -	52 23 30
" 28	Saskatchewan River, N.B. Miry Creek	☉ 70 14 0	116 10 0	52 30 0
" 29	N. branch Saskatchewan - - - - -	☉ 69 35 30	116 0 0	52 26 0
October 1	S.E. of Mountain, in woods - - -	☉ 67 20 30	115 25 0	52 23 30
" 5	Bad Bearer Dam - - - - -	☉ 42 50 30	113 58 0	53 5 0
November 29	Battle River, Bear Hill - - - - -	☉ 30 55 0	113 55 0	52 46 26
December 1	Red Deer River, mouth of Blind River	☉ 31 10 0	114 0 0	52 18 13
" 2	" 10 miles above last - - - - -	☉ 31 6 0	114 10 0	52 12 36
" 4	Red Deer River, 5 miles above Medi- cine River - - - - -	☉ 30 55 0	114 20 0	52 1 26
" 6	Red Deer River, 20 miles above last -	☉ 30 47 0	114 40 0	51 50 28
" 9	Little Red Deer River - - - - -	☉ 30 52 0	114 45 0	51 29 28
" 10	" " source of - - - - -	☉ 30 55 0	114 50 0	51 21 40
" 15	Edge of Plain, Stoney Camp - - -	☉ 30 7 0	114 45 0	51 25 24