

III. *A new and exact Table collected from several Observations taken from the Year 1721 to 1729, in nine Voyages to Hudson's Bay in North-America, by Captain C. Middleton; shewing the Variation of the Compass according to the Latitudes and Longitudes under-mentioned, accounting the Longitude from the Meridian of London. Communicated by Mr. Benj. Robins, F. R. S.*

Lat.		Long.		Variat.		
D.	M.	D.	M.	D.	M.	
50	00	2	East	12	00	
49	30	0	00	12	00	
50	00	2	West	13	00	Obf.
50	00	4	00	13	00	ditto
50	00	6	00	13	00	ditto
51	00	8	00	14	00	ditto
51	00	14	00	14	00	ditto
52	00	12	00	15	00	Ac.
53	00	12	00	ditto.		ditto
54	00	12	00	ditto.		ditto
55	00	12	00	16	00	ditto
56	00	12	00	16	00	Obf.
57	00	12	00	17	00	ditto
58	00	12	00	17	00	ditto
59	00	12	00	18	00	ditto
50	00	14	00	14	00	Obf.
51	00	ditto		14		
52		ditto		15		
53		ditto		15		Ac.
54		ditto		16		Obf.
55		ditto		16		Obf.
56		ditto		17		Obf.
57		ditto		17		Obf.
58		ditto		18		Obf.
59		ditto		18		Ac.

K

Lat.

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
50 00	20 00	18 00	Ac.	50 00	26 00	21 00	Obf.
51	ditto	18		51	ditto	21	
52	ditto	18	Obf.	52	ditto	21	Ac.
53	ditto	19		53	ditto	21	
54	ditto	19		54	ditto	22	Obf.
55	ditto	19		55	ditto	22	
56	ditto	19	Ac.	56	ditto	22	Ac.
57	ditto	19		57	ditto	23	Obf.
58	ditto	20		58	ditto	23	
59	ditto	21	Obf.	59	ditto	23	
50 00	22 00	19 00	Obf.	50 00	28 00	22 00	Ac.
51	ditto	19	Ac.	51	ditto	22	
52	ditto	19		52	ditto	22	
53	ditto	20	Obf.	53	ditto	23	Obf.
54	ditto	20	Ac.	54	ditto	23	
55	ditto	20		55	ditto	23	Ac.
56	ditto	20		56	ditto	23	
57	ditto	20		57	ditto	24	Obf.
58	ditto	21	Obf.	58	ditto	24	
59	ditto	21		59	ditto	24	
50 00	24 00	20 00	Ac.	50 00	30 00	23 00	Ac.
51	ditto	20		51	ditto	23	
52	ditto	20		52	ditto	23	
53	ditto	21	Obf.	53	ditto	24	Obf.
54	ditto	21		54	ditto	24	Ac.
55	ditto	21	Ac.	55	ditto	24	
56	ditto	21		56	ditto	24	
57	ditto	21	Obf.	57	ditto	25	Obf.
58	ditto	22		58	ditto	25	
59	ditto	22		59	ditto	25	Ac.

Lat.

Lat.	Long.	Variat.		Lat.	Long.	Variat.	
D. M.	D. M.	D. M.		D. M.	D. M.	D. M.	
50 00	32 00	24 00	Ac.	50 00	40 00	28 00	Ac.
51	ditto	24		51	ditto	28	Obf.
52	ditto	24	Obf.	52	ditto	28	
53	ditto	24		53	ditto	29	
54	ditto	25		54	ditto	29	Ac.
55	ditto	25	Ac.	55	ditto	29	
56	ditto	25		56	ditto	29	
57	ditto	26	Obf.	57	ditto	30	Obf.
58	ditto	26	Ac.	58	ditto	30	
59	ditto	26	Obf.	59	ditto	30	
50 00	34 00	25 00	Obf.	51 00	42 00	29 00	Obf.
51	ditto	25	Ac.	52	ditto	29	
52	ditto	25		53	ditto	30	
53	ditto	25		54	ditto	30	
54	ditto	26	Obf.	55	ditto	30	Ac.
55	ditto	26	Obf.	56	ditto	30	Obf.
57	ditto	26		57	ditto	31	
58	ditto	27	Ac.	58	ditto	31	
59	ditto	27		59	ditto	31	
50 00	38 00	27 00		52 00	44 00	30 00	Obf.
51	ditto	27	Obf.	53	ditto	31	
52	ditto	27	Ac.	54	ditto	31	Ac.
53	ditto	28	Obf.	55	ditto	31	
54	ditto	28		56	ditto	31	
55	ditto	28	Ac.	57	ditto	32	Obf.
56	ditto	28		58	ditto	32	
57	ditto	29	Obf.	59	ditto	32	Ac.
58	ditto	29					
59	ditto	30	Obf.				

Lat.		Long.		Variat.			Lat.		Long.		Variat.		
D.	M.	D.	M.	D.	M.		D.	M.	D.	M.	D.	M.	
53	00	46	00	31	00	Ac.	58	00	58	00	36	00	Obf.
54		ditto		32		Obf.	59		ditto		37		
55		ditto		32			60		ditto		37		
56		ditto		32		Ac.	61		ditto		37		
57		ditto		33		Obf.	62		ditto		38		
58		ditto		33			63		ditto		38		
59		ditto		33			<hr/>						
56	00	48	00	32	00	Obf.	58	00	60	00	37	00	Obf.
57		ditto		32			59		ditto		38		
58		ditto		32			60		ditto		38		
59		ditto		34			62		ditto		38		
60		ditto		34			63		ditto		39		
61		ditto		34			<hr/>						
57	00	50	00	33	00	Obf.	58	00	62	00	38	00	Obf.
58		ditto		33			59		ditto		39		
59		ditto		33			60		ditto		39		
60		ditto		34			61		ditto		39		
61		ditto		35			62		ditto		40		
<hr/>							59	00	64	00	39	00	Obf.
58	00	52	00	34	00	Obf.	60		ditto		39		
59		ditto		34			61		ditto		39		
60		ditto		34			62		ditto		40		
61		ditto		35			<hr/>						
62		ditto		35			60	00	66	00	40	00	Obf.
<hr/>							61		ditto		41		
58	00	54	00	34	00	Obf.	62		ditto		43		
59		ditto		35			<hr/>						
60		ditto		36			59	00	68	00	40	00	
61		ditto		36			60		ditto		43		
62		ditto		36			61		ditto		44		
<hr/>							62		ditto		47		
58	00	56	00	36	00	Obf.	<hr/>						
59		ditto		36			60	00	70	00	43	00	
60		ditto		36			61		ditto		44		
61		ditto		37			62		ditto		47		
62		ditto		37			<hr/>						

Hudson's Straights.

Lat.	Long.	Variat.
D. M.	D. M.	D. M.
61 00	72 00	42 00
62	ditto	43
63	ditto	48

Obf.

62 00	74 00	41 00
63	ditto	48

Hudson's Straights.

62 00	76 00	41 00
63	ditto	47
64	ditto	49

62 00	78 00	40 00
63	ditto	42
64	ditto	49

63 00	80 00	40 00
64	ditto	49

60 00	82 00	38 00
61	ditto	39
62	ditto	40
63	ditto	42
64	ditto	44

Obf.

50 00	84 00	19 00
51	ditto	20
51	ditto	21
52	ditto	22
53	ditto	23
54	ditto	24
55	ditto	25
56	ditto	26
57	ditto	27
58	ditto	27
59	ditto	28
60	ditto	29
61	ditto	30
62	ditto	40

In Hudson's Bay.

Lat.	Long.	Variat.
D. M.	D. M.	D. M.
55 00	86 00	22 00
56	ditto	23
57	ditto	24
58	ditto	25
59	ditto	26
60	ditto	27

Obf.

56 00	88 00	12 00
57	ditto	23
58	ditto	24
59	ditto	25
60	ditto	26

In Hudson's Bay.

57 00	90 00	21 00
58	ditto	22
59	ditto	23
60	ditto	24

Note, The Letters Obf. are the Observations, and the Letters Ac. are by Estimation.