

Secular change of the magnetic declination

County Place	Ala- mance Graham	Alex- ander Taylors- ville	Alle- ghany Sparta	Anson Wades- boro	Ashe Jefferson	Avery New- land	Beau- fort Washing- ton	Bertie Windsor
1750	0 15 W.			1 52 E.			0 23 W.	2 05 W.
1760	0 22 E.			2 28			0 13 E.	1 29
1770	0 56			3 02			0 45	0 57
1780	1 25	2 57 E.		3 31			1 12	0 31
1790	1 46	3 19	3 11 E.	3 52			1 30	0 13
1800	1 58	3 33	3 26	4 05	3 27 E.	3 48 E.	1 39	0 04
1810	2 02	3 38	3 32	4 03	3 34	3 54	1 39	0 04
1820	1 56	3 34	3 29	4 02	3 31	3 51	1 30	0 13
1830	1 41	3 21	3 18	3 47	3 21	3 40	1 11	0 32
1840	1 18	2 59	2 58	3 23	3 00	3 19	0 45	0 53
1850	0 49	2 31	2 31	2 53	2 34	2 52	0 12 E.	1 30
1860	0 15 E.	1 59	1 58	2 19	2 01	2 20	0 24 W.	2 05
1870	0 24 W.	1 21	1 20	1 41	1 23	1 42	1 05	2 46
1880	1 04	0 41	0 40	1 01	0 43	1 02	1 45	3 25
1890	1 41	0 03 E.	0 01 E.	0 24 E.	0 05 E.	0 24 E.	2 21	4 01
1900	2 15	0 30 W.	0 32 W.	0 10 W.	0 28 W.	0 03 W.	2 57	4 37
1905	2 29	0 42	0 44	0 23	0 40	0 19	3 13	4 53
1910	2 45	0 55	0 57	0 37	0 53	0 31	3 31	5 11
1915	3 01	1 05	1 09	0 51	1 03	0 40	3 49	5 29
1920	3 12	1 14	1 19	1 00	1 12	0 49	4 01	5 42
1925	3 24	1 24	1 30	1 10	1 22	0 58	4 15	5 57
1930	3 34 W.	1 33 W.	1 40 W.	1 18 W.	1 31 W.	1 07 W.	4 26 W.	6 03 W.
Annual change in 1930.	2'.0 incr.	1'.8 incr.	2'.0 incr.	1'.6 incr.	1'.9 incr.	1'.7 incr.	2'.2 incr.	2'.3 incr.

County Place	Bladen Eliza- beth- town	Brun- swick South- port	Bun- combe Ashe- ville	Burke Morgan- ton	Cabarrus Concord	Cald- well Lenoir	Camden Camden	Carteret Beaufort
1750	0 15 E.	0 13 E.					1 52 W.	0 11 W.
1760	0 52	0 49			1 04 W.		1 16	0 25 E.
1770	1 25	1 21			0 30		0 45	0 57
1780	1 53	1 48			0 01 W.		0 20	1 23
1790	2 13	2 07		3 22 E.	0 21 E.	3 17 E.	0 04 W.	1 41
1800	2 23	2 17	4 11 E.	3 36	0 34	3 30	0 03 E.	1 49
1810	2 26	2 19	4 17	3 41	0 38	3 35	0 01 E.	1 48
1820	2 18	2 10	4 14	3 37	0 33	3 31	0 10 W.	1 38
1830	2 02	1 54	4 02	3 25	0 18 E.	3 19	0 30	1 19
1840	1 38	1 30	3 40	3 03	0 05 W.	2 57	0 57	0 53
1850	1 06	0 58	3 12	2 34	0 35	2 29	1 31	0 19 E.
1860	0 31 E.	0 22 E.	2 40	2 02	1 08	1 57	2 03	0 18 W.
1870	0 09 W.	0 18 W.	2 02	1 24	1 46	1 19	2 48	0 58
1880	0 48	0 57	1 22	0 44	2 26	0 39	3 26	1 37
1890	1 26	1 35	0 46	0 07 E.	3 03	0 02 E.	4 02	2 13
1900	2 02	2 11	0 14	0 26 W.	3 36	0 30 W.	4 38	2 49
1905	2 17	2 26	0 04 E.	0 38	3 48	0 41	4 56	3 06
1910	2 31	2 39	0 06 W.	0 50	4 02	0 53	5 16	3 23
1915	2 45	2 52	0 11	0 58	4 14	1 03	5 36	3 40
1920	2 55	3 01	0 19	1 06	4 23	1 12	5 50	3 52
1925	3 06	3 12	0 27	1 15	4 33	1 21	6 06	4 06
1930	3 15 W.	3 20 W.	0 35 W.	1 23 W.	4 41 W.	1 30 W.	6 18 W.	4 16 W.
Annual change in 1930.	1'.8 incr.	1'.7 incr.	1'.5 incr.	1'.6 incr.	1'.7 incr.	1'.7 incr.	2'.5 incr.	2'.0 incr.

Secular change of the magnetic declination—Continued

County Place	Caswell Yancey- ville	Catawba Newton	Chatham Pitts- boro	Cherokee Murphy	Chowan Eden- ton	Clay Hayes- ville	Cleval- and Shelby	Colum- bus White- ville
1750	0 03 E.		0 28 W.		1 02 W.			0 28 E.
1760	0 40		0 08 E.		0 26 W.			1 05
1770	1 14		0 42		0 05 E.			1 38
1780	1 43	3 00 E.	1 11		0 31		3 11 E.	2 06
1790	2 04	3 22	1 32	5 13 E.	0 48	4 23 E.	3 33	2 26
1800	2 17	3 36	1 44	5 31	0 56	4 40	3 47	2 36
1810	2 21	3 41	1 47	5 41	0 55	4 49	3 52	2 40
1820	2 15	3 37	1 41	5 41	0 45	4 50	3 48	2 32
1830	2 01	3 24	1 26	5 32	0 26 E.	4 41	3 35	2 17
1840	1 38	3 02	1 02	5 14	0 01 W.	4 23	3 13	1 53
1850	1 10	2 33	0 32 E.	4 50	0 34	3 59	2 44	1 21
1860	0 35 E.	2 00	0 02 W.	4 19	1 11	3 29	2 11	0 46
1870	0 04 W.	1 22	0 40	3 45	1 51	2 54	1 33	0 06 E.
1880	0 44	0 42	1 20	3 05	2 30	2 14	0 53	0 33 W.
1890	1 21	0 05 E.	1 57	2 29	3 06	1 37	0 17 E.	1 11
1900	1 55	0 28 W.	2 31	1 58	3 42	1 06	0 16 W.	1 47
1905	2 10	0 40	2 45	1 50	3 59	0 57	0 27	2 02
1910	2 26	0 53	3 01	1 42	4 18	0 49	0 39	2 15
1915	2 42	1 03	3 16	1 39	4 37	0 46	0 48	2 28
1920	2 53	1 12	3 27	1 35	4 51	0 42	0 57	2 37
1925	3 05	1 22	3 39	1 30	5 07	0 36	1 06	2 47
1930	3 16 W.	1 30 W.	3 49 W.	1 24 E.	5 19 W.	0 30 E.	1 14 W.	2 55 W.
Annual change in 1930.	2'.1 incr.	1'.7 incr.	2'.0 incr.	1'.2 decr.	2'.4 incr.	1'.2 decr.	1'.6 incr.	1'.7 incr.

County Place	Craven New Bern	Cumber- land Fayette- ville	Curri- tuck Curri- tuck	Dare Manteo	David- son Lexing- ton	Davie Mocks- ville	Duplin Kenans- ville	Durham Durham
1750	0 05 W.	0 35 E.	2 02 W.	1 48 W.			0 42 E.	0 43 E.
1760	0 31 E.	1 11	1 26	1 12	2 10 E.		1 18	1 20
1770	1 03	1 44	0 55	0 41	2 45	1 51 E.	1 50	1 53
1780	1 30	2 12	0 31	0 16 W.	3 15	2 21	2 17	2 21
1790	1 48	2 32	0 15	0 00	3 37	2 43	2 36	2 42
1800	1 57	2 43	0 08	0 06 E.	3 50	2 57	2 46	2 54
1810	1 57	2 45	0 10	0 03 E.	3 54	3 02	2 47	2 57
1820	1 48	2 37	0 21	0 08 W.	3 49	2 57	2 38	2 51
1830	1 29	2 20	0 41	0 28	3 35	2 44	2 20	2 35
1840	1 03	1 55	1 08	0 56	3 12	2 22	1 55	2 11
1850	0 30 E.	1 23	1 41	1 30	2 43	1 53	1 23	1 41
1860	0 06 W.	0 48	2 18	2 07	2 09	1 19	0 48	1 06
1870	0 47	0 09 E.	2 57	2 47	1 31	0 41	0 08 E.	0 27 E.
1880	1 27	0 30 W.	3 35	3 26	0 51	0 01 E.	0 31 W.	0 13 W.
1890	2 03	1 07	4 11	4 01	0 13 E.	0 37 W.	1 08	0 50
1900	2 39	1 42	4 47	4 37	0 21 W.	1 11	1 44	1 25
1905	2 55	1 56	5 05	4 54	0 34	1 24	1 59	1 40
1910	3 12	2 11	5 25	5 14	0 49	1 38	2 15	1 56
1915	3 29	2 26	5 45	5 34	1 03	1 51	2 31	2 12
1920	3 41	2 36	6 00	5 49	1 13	2 01	2 42	2 23
1925	3 55	2 48	6 17	6 06	1 24	2 12	2 55	2 36
1930	4 05 W.	2 57 W.	6 30 W.	6 18 W.	1 33 W.	2 21 W.	3 04 W.	2 46 W.
Annual change in 1930.	2'.1 incr.	1'.8 incr.	2'.6 incr.	2'.5 incr.	1'.8 incr.	1'.8 incr.	1'.9 incr.	2'.1 incr.

Observations have not been made are subject to considerable uncertainty. Some idea of the amount of this uncertainty may be obtained from a comparison of the observed values of declination with values taken from the charts. For 55 per cent of the stations in the State the difference between chart and observations is less than 15 minutes.

Secular change of the magnetic declination—Continued

County	Edgecombe	Forsyth	Franklin	Gaston	Gates	Graham	Granville	Greene
Place	Tarboro	Winston-Salem	Louisburg	Dallas	Gatesville	Robbinsville	Oxford	Snow Hill
1750	1 22 W.		0 12 W.		1 12 W.		0 50 W.	1 08 W.
1760	0 46		0 25 E.		0 36		0 13 W.	0 32 W.
1770	0 14 W.	1 21 E.	0 58	3 04 E.	0 04 W.		0 20 E.	0 00
1780	0 13 E.	1 51	1 26	3 33	0 21 E.		0 48	0 28 E.
1790	0 32	2 13	1 46	3 55	0 38	5 02 E.	1 08	0 47
1800	0 42	2 26	1 57	4 09	0 46	5 19	1 19	0 57
1810	0 43	2 30	2 00	4 13	0 45	5 28	1 22	0 58
1820	0 35	2 25	1 53	4 08	0 35	5 27	1 15	0 50
1830	0 17 E.	2 12	1 37	3 54	0 16 E.	5 17	0 59	0 32
1840	0 08 W.	1 50	1 13	3 31	0 10 W.	4 58	0 35	0 07 E.
1850	0 40	1 21	0 43	3 02	0 43	4 34	0 06 E.	0 25 W.
1860	1 16	0 47	0 07 E.	2 29	1 19	4 03	0 29 W.	1 01
1870	1 57	0 09 E.	0 33 W.	1 51	1 59	3 28	1 09	1 42
1880	2 37	0 31 W.	1 13	1 11	2 38	2 48	1 49	2 22
1890	3 13	1 09	1 49	0 34	3 14	2 11	2 25	2 58
1900	3 49	1 43	2 24	0 01 E.	3 49	1 40	3 00	3 33
1905	4 05	1 56	2 39	0 10 W.	4 06	1 31	3 15	3 49
1910	4 22	2 11	2 56	0 22	4 26	1 23	3 31	4 06
1915	4 39	2 25	3 13	0 32	4 45	1 20	3 47	4 23
1920	4 51	2 35	3 25	0 41	4 59	1 16	3 58	4 35
1925	5 05	2 46	3 38	0 50	5 15	1 10	4 11	4 49
1930	5 16 W.	2 55 W.	3 49 W.	0 58 W.	5 27 W.	1 03 E.	4 22 W.	4 59 W.
Annual change in 1930.	2'. 2 incr.	1'. 9 incr.	2'. 2 incr.	1'. 6 incr.	2'. 5 incr.	1'. 4 decr.	2'. 2 incr.	2'. 1 incr.

County	Guilford	Halifax	Harnett	Haywood	Henderson	Hertford	Hoke	Hyde
Place	Greensboro	Halifax	Lillington	Waynesville	Hendersonville	Winton	Rae ford	Swanquarter
1750		0 18 W.	0 21 E.			0 32 W.	1 01 E.	0 36 W.
1760	1 54 E.	0 19 E.	0 57			0 04 E.	1 37	0 00
1770	2 28	0 52	1 30			0 36	2 11	0 31 E.
1780	2 57	1 19	1 58			1 02	2 40	0 57
1790	3 19	1 38	2 18			3 52 E.	1 19	1 14
1800	3 31	1 48	2 29	4 55 E.	4 07	1 27	3 12	1 22
1810	3 35	1 49	2 31	5 02	4 13	1 26	3 15	1 21
1820	3 29	1 41	2 24	5 00	4 10	1 16	3 08	1 11
1830	3 15	1 24	2 07	4 49	3 58	0 58	2 52	0 51
1840	2 52	0 59	1 42	4 28	3 36	0 32 E.	2 28	0 24 E.
1850	2 23	0 28 E.	1 10	4 01	3 08	0 01 W.	1 57	0 10 W.
1860	1 49	0 08 W.	0 35 E.	3 29	2 36	0 37	1 23	0 47
1870	1 11	0 48	0 04 W.	2 52	1 58	1 17	0 44	1 27
1880	0 31 E.	1 27	0 44	2 12	1 18	1 56	0 04 E.	2 06
1890	0 06 W.	2 03	1 21	1 36	0 42	2 33	0 33 W.	2 42
1900	0 40	2 38	1 56	1 04	0 10 E.	3 08	1 08	3 18
1905	0 54	2 54	2 10	0 54	0 00	3 25	1 22	3 35
1910	1 10	3 12	2 26	0 45	0 10 W.	3 44	1 37	3 53
1915	1 25	3 30	2 42	0 41	0 15	4 03	1 52	4 11
1920	1 35	3 43	2 53	0 34	0 23	4 16	2 02	4 24
1925	1 47	3 58	3 05	0 27	0 31	4 31	2 13	4 39
1930	1 57 W.	4 10 W.	3 15 W.	0 20 E.	0 39 W.	4 43 W.	2 22 W.	4 50 W.
Annual change in 1930.	2'. 0 incr.	2'. 3 incr.	1'. 9 incr.	1'. 5 decr.	1'. 5 incr.	2'. 4 incr.	1'. 8 incr.	2'. 3 incr.

Secular change of the magnetic declination—Continued

County	Iredell	Jackson	Johnston	Jones	Lee	Lenoir	Lincoln	Macon
Place	Statesville	Webster	Smithfield	Trenton	Sanford	Kinston	Lincolnton	Franklin
1750			0 03 W.	0 07 E.	0 25 E.	0 19 E.		
1760			0 33 E.	0 43	1 01	0 55		
1770	1 58 E.		1 06	1 15	1 35	1 27		
1780	2 28		1 34	1 42	2 04	1 54	2 49 E.	
1790	2 50	4 35 E.	1 53	2 00	2 24	2 13	3 11	5 04 E.
1800	3 03	4 51	2 03	2 09	2 35	2 23	3 24	5 21
1810	3 08	4 58	2 05	2 09	2 37	2 24	3 29	5 29
1820	3 03	4 56	1 57	2 00	2 30	2 15	3 25	5 28
1830	2 50	4 45	1 40	1 41	2 13	1 56	3 11	5 18
1840	2 27	4 25	1 15	1 15	1 49	1 30	2 48	4 59
1850	1 58	3 59	0 44	0 42	1 18	0 57	2 18	4 33
1860	1 25	3 28	0 09 E.	0 06 E.	0 44	0 21 E.	1 45	4 02
1870	0 47	2 52	0 31 W.	0 35 W.	0 05 E.	0 20 W.	1 07	3 26
1880	0 07 E.	2 12	1 11	1 15	0 35 W.	1 00	0 27 E.	2 47
1890	0 30 W.	1 36	1 47	1 51	1 12	1 36	0 09 W.	2 10
1900	1 03	1 05	2 22	2 27	1 46	2 12	0 42	1 39
1905	1 15	0 56	2 37	2 43	2 00	2 28	0 53	1 30
1910	1 29	0 47	2 53	3 00	2 15	2 45	1 06	1 22
1915	1 40	0 43	3 09	3 17	2 30	3 02	1 16	1 19
1920	1 50	0 37	3 20	3 29	2 40	3 14	1 25	1 13
1925	2 00	0 30	3 33	3 43	2 52	3 28	1 35	1 07
1930	2 09 W.	0 23 E.	3 42 W.	3 52 W.	3 01 W.	3 38 W.	1 43 W.	1 00 E.
Annual change in 1930.	1'. 8 incr.	1'. 4 decr.	2'. 0 incr.	2'. 0 incr.	1'. 9 incr.	2'. 0 incr.	1'. 6 incr.	1'. 4 decr.

County	Madison	Martin	McDowell	Mecklenburg	Mitchell	Montgomery	Moore	Nash
Place	Marshall	Williamston	Marion	Charlotte	Bakersville	Troy	Carthage	Nashville
1750		0 44 W.				0 06 W.	0 59 E.	0 10 W.
1760		0 08 W.			1 55 E.	0 30 E.	1 35	0 27 E.
1770		0 24 E.			2 30	1 04	2 09	1 00
1780		0 50			2 59	1 33	2 38	1 28
1790		1 08	3 09 E.	3 21		1 54	2 58	1 47
1800	4 08 E.	1 17	3 24	3 35	3 13 E.	2 06	3 09	1 57
1810	4 15	1 17	3 30	3 40	3 19	2 09	3 11	1 59
1820	4 12	1 08	3 27	3 35	3 16	2 03	3 04	1 51
1830	4 00	0 49	3 14	3 21	3 05	1 47	2 47	1 34
1840	3 39	0 23 E.	2 52	2 57	2 44	1 23	2 23	1 09
1850	3 12	0 09 W.	2 23	2 28	2 17	0 52	1 52	0 39
1860	2 40	0 45	1 51	1 54	1 45	0 18 E.	1 18	0 03 E.
1870	2 02	1 25	1 13	1 16	1 07	0 20 W.	0 39 E.	0 37 W.
1880	1 22	2 04	0 33 E.	0 36 E.	0 27 E.	1 00	0 01 W.	1 17
1890	0 45	2 40	0 03 W.	0 01 W.	0 10 W.	1 37	0 38	1 53
1900	0 13	3 16	0 35	0 34	0 43	2 11	1 12	2 28
1905	0 03 E.	3 32	0 46	0 46	0 54	2 24	1 26	2 44
1910	0 07 W.	3 50	0 57	0 59	1 05	2 39	1 41	3 01
1915	0 13	4 08	1 05	1 11	1 12	2 54	1 56	3 18
1920	0 20	4 21	1 13	1 20	1 21	3 04	2 05	3 30
1925	0 28	4 36	1 22	1 30	1 30	3 15	2 18	3 44
1930	0 36 W.	4 47 W.	1 30 W.	1 38 W.	1 38 W.	3 24 W.	2 27 W.	3 55 W.
Annual change in 1930.	1'. 6 incr.	2'. 3 incr.	1'. 6 incr.	1'. 6 incr.	1'. 7 incr.	1'. 8 incr.	1'. 8 incr.	2'. 2 incr.

