

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	46.8	46.2	45.0	58.2	65.1	79.4	83.0	76.8	78.0	66.9	57.9	50.6	62.2
1932	46.4	47.7	47.0	58.2	66.9	79.2	80.8	80.8	72.3	60.3	47.0	39.2	61.5
1933	47.1	47.6	49.2	59.5	71.4	80.6	79.5	77.8	77.8	59.1	51.1	47.2	61.7
1934	47.1	47.4	51.6	61.8	70.4	80.6	81.1	81.1	81.7	61.7	51.0	40.2	61.2
1935	43.3	42.0	57.0	58.2	67.4	73.3	81.9	80.9	72.0	63.0	49.4	34.7	60.1
1936	33.4	34.4	55.6	57.6	71.7	80.6	82.4*	82.7*	75.9*	60.9	46.0	42.6	60.3
1937	38.1	39.7	45.5	58.8	70.6	78.8	79.0	82.4	71.8	59.2	46.5	38.2	59.3
1938	41.8	41.4	56.6	63.0*	69.3*	74.4	81.4	82.3	73.8	66.4	49.6*	42.2	62.1
1939	42.2*	39.9	51.6	56.2	68.1	76.0	78.4*	78.6*	70.7	63.8	46.6	42.4	60.2
1940	22.7	37.4	46.8	57.1	65.5	75.6	77.0	78.0	70.7	63.8	47.7	43.1*	57.2
1941	39.3	37.6	44.4	63.0	72.0	78.4	80.5	80.5	76.2*	66.8	48.2	43.7	61.0
1942	35.2	38.2	45.8	61.8	68.7	77.0	81.6	77.0	68.3	53.6	53.6	40.4	59.8
1943	40.6	45.2	51.8	60.2	80.4	82.1	81.8	81.8	68.3	59.1	48.0	38.1	60.0
1944	40.5	46.0	49.6	58.7	79.8	79.8	79.2	79.2	73.8	50.2	50.2	35.4	60.5
1945	37.2	41.9	50.8	62.1	65.2	74.4	78.6	78.8	74.0	59.5	51.2	35.2	59.7
1946	40.3	45.5	58.8	64.0	65.6	76.3	79.2	75.4	71.2	62.6	46.0	46.6	61.6
1947	42.2	41.5	58.8	60.9	67.2	76.6	76.0	84.2	74.4	68.0	46.8	42.6	59.6
1948	31.6	40.8	52.0	65.0*	69.0	77.5	82.0	78.7	72.6	59.4	51.6	44.2	60.3
1949	44.6	45.1*	50.2	59.6	71.4	77.7	81.4	78.9	68.5	61.1	50.6	45.2	61.4
1950	47.0	45.4	48.8	57.2	71.7	77.2	77.2	75.1	70.0	66.6	44.9	36.6	59.8
1951	40.9	42.9	50.5	57.2	70.1	76.8	80.6	80.5	71.0	63.6	44.7	43.8	60.2
1952	45.0	47.0*	49.6	58.7	70.2	85.0	82.2	79.6	70.5	59.2	49.5	42.7	61.3
1953	44.1	45.7	51.3	57.1	71.0	83.2	80.8	79.8	64.6	50.5	50.5	40.5*	62.1
1954	40.8	42.9	49.5	66.2*	75.0	79.5	83.6	83.6	76.7	61.6	48.2	39.6	-
1955	40.0	42.9	51.3*	-	-	-	81.0	80.1	76.1	61.0	48.2	39.6	-
1956	36.6	46.2	50.6	59.3	71.2	76.1	80.7	79.9	71.7	65.5	49.9	47.7	61.3
1957	37.0	47.6	49.9	60.6	70.1	76.8	79.1	77.7	71.1	59.1	49.9	46.6	60.7
1958	36.5	38.1	44.3	63.0	69.2	76.6	80.2	78.4	72.0	60.9	52.6	37.4	58.4
1959	36.0	42.3	50.1	61.1	72.4	75.6	79.1	77.6	73.1	62.6	49.4	35.3	59.8
1960	40.6	38.2	37.3	63.4	67.0	76.2	78.9	79.9	74.5	62.6	49.4	40.8	59.6
1961	36.1	46.8	53.1	56.2	65.8	75.1	78.6	77.2	73.6	62.4*	49.8*	40.8	59.6
1962	35.0	46.9	55.9	58.1	76.6	-	78.2	77.3	69.6	63.9	47.7	36.7	-
1963	37.7	38.8	45.3	68.6	76.6	-	78.2	78.3	70.2	65.2	49.6	29.6	58.4
1964	38.4	38.4	50.2	62.6	69.8	-	76.5	76.5	70.0	57.0	51.4	51.0	59.3
1965	40.8	40.3*	41.5	63.7	72.1	75.7	78.3*	77.3	71.3	57.7*	53.1*	44.4	59.7

* Days Missing
* Interpolated or partly interpolated.

STATION HISTORY

A climatological station was established at Newbern in April 1924. No major breaks have occurred in either the temperature or rainfall record.

The station has been located continuously within the city limits. Observers, dates of service, and direction and distance from the local post office, if known, have been: C. R. H. Mullins, 4/1/24 to 8/30/27, 0.3 mile northeast; Mrs. J. A. Bryant, 7/1/27 to 3/31/36, W. H. Jones, 4/1/36 to 8/31/41; A. J. Seberry, 9/20/41 to 6/22/55; Charles B. Hicks, 6/23/55 to 9/1/65; 0.2 mile east (6/23/55 to 6/12/62, 1.1 mile northwest 6/13/62 to 9/1/65) to 9/2/65 to present, 1.1 mile northwest. All instruments exposures have been over level ground and considered good.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	1.26	2.72	3.69	3.63	2.51	3.54	4.11	5.02	2.23	2.05	5.35	8.18	44.29
1932	1.93	4.57	6.25	4.04	.93	1.94	3.23	4.92	10.28	3.63	3.00	5.72	56.14
1933	7.63	4.17	5.94	3.52	5.21	1.85	6.50	3.20	3.77	2.13	1.20	5.61	50.73
1934	1.81	3.02	6.92	5.94	.96	3.20	.62	8.21	3.12	1.14	6.55	4.63	47.97
1935	7.02	2.91	7.54	3.56	6.18	7.99	2.20	1.56	2.21	2.80	2.11	.81	46.92
1936	.90	.93	4.04	2.72	1.44	1.03	6.70	.31	4.55	3.91	4.31	5.87	36.69
1937	16.68	1.19	1.98	5.66	2.94	5.52	4.50	2.72	3.13	4.97	2.49	3.58	56.12
1938	4.25	4.81	5.66	4.01	5.27	6.92	3.07	3.13	1.26	1.26	2.03	1.96	56.12
1939	7.70	9.14	8.81	6.01	5.04	5.75	2.09	2.14	1.35	.52	2.20	2.49	50.24
1940	3.82	5.58	4.27	5.09	3.61	4.66	3.86	4.73	2.66	.90	4.10	3.49	49.16
1941	2.60	.57	1.75	2.96	1.18	1.09	4.73	5.95	1.10	6.26	1.67	2.70	38.56
1942	4.94	3.59	4.65	4.65	5.89	3.41	2.73	4.23	1.80	3.62	4.44	4.17	41.40
1943	.96	1.38	7.65	3.66	5.89	1.81	2.69	2.53	4.61	.81	2.53	3.33	38.35
1944	1.48	7.25	5.64	6.91	3.46	1.09	2.98	1.90	4.10	1.68	3.24	8.61	47.97
1945	3.06	6.37	8.00	7.07	5.96	9.23	1.98	3.97	5.31	5.02	6.43	3.21	65.61
1946	6.25	6.88	6.06	2.84	4.62	3.78	5.47	3.75	3.76	3.63	5.93	4.39	57.36
1947	4.69	4.69	4.70	6.05	6.02	2.97	2.18	.56	2.24	7.29	5.07	2.44	42.05
1948	2.84	6.25	7.20	2.24	2.68	3.23	2.58	1.37	4.44	3.13	7.55	5.92	42.05
1949	8.50	3.98	6.81	3.88	5.81	8.98	5.45	2.05	2.38	8.11	1.23	7.02	62.00
1950	13.32	7.40	4.88	3.88	6.84	5.02	11.15	8.21	3.05	2.96	6.50	3.08	75.87
1951	8.87	4.19	3.61	3.34	.37	7.82	5.54	.93	3.21	3.24	5.92	4.39	54.32
1952	3.89	4.32	10.79	3.18	1.87	1.24	3.59	4.39	2.89	3.24	3.69	2.50	43.63
1953	2.60	3.00	11.80	5.65	7.88	3.12	2.66	.94	1.19	1.77	2.21	5.88*	44.38
1954	5.63	3.75	2.76	2.13	3.30	4.10	1.37	1.67	1.82	1.82	1.36	5.61*	37.45
1955	1.67	5.74	6.10	6.03*	5.18*	2.70*	5.05	.35	2.75	2.29	3.82	1.68	43.36
1956	6.61	10.52	3.15	6.01	1.53	4.69	1.85	1.65	.55	3.94	3.67	2.63	46.80
1957	10.29	5.24	4.26	13.60	4.09	4.26	3.17	2.24	3.06	3.06	12.39	6.39	76.71
1958	3.58	2.56	6.11	4.06	4.58	2.04	5.81	1.47	4.12	.95	2.80	1.71	45.11
1959	6.04	7.06	1.59	1.89	3.04	4.04	6.98	2.76	3.31	1.78	2.80	4.42	45.11
1960	3.69*	2.52	3.90	3.71	4.30	4.63	2.95	1.94	4.15	2.06	5.44	3.67	42.36
1961	1.26	5.17	7.38	4.57	5.40	6.05	4.66	2.40	2.38	2.19	8.24	7.56	57.36
1962	4.93*	8.21	6.82	1.83	3.90	7.32	1.36	2.95	9.52	1.73	2.65	1.56	54.50
1963	.70	1.13	6.82	4.33	4.11	4.51	3.13	2.64	.59	.03	2.57	2.10	29.48
1964	2.63	2.43	10.34	8.51	2.88	4.51	6.03	5.45	5.45	.19	4.87	5.93	59.48
1965	4.11	5.01	7.63	4.35	3.59	2.46	3.78	3.54	8.26	.57	3.62	1.35	48.57

PROBABILITY OF LOW TEMPERATURES IN SPRING AND FALL

Minimum Temp. (°F)	Percent of occurrence after the date in spring					Percent of occurrence before the date in fall				
	90%	75%	50%	25%	10%	90%	75%	50%	25%	10%
22	3/11	3/18	3/27	4/5	4/12	10/15	10/22	10/31	11/9	11/16
28	3/1	3/10	3/20	3/30	4/8	10/24	11/3	11/23	12/3	12/13
24	2/22	2/28	3/7	3/17	3/20	11/8	11/16	11/26	12/5	12/15
20	2/8	2/8	2/22	3/6	3/16	11/16	11/26	12/6	12/6	12/15
16	-	1/23	2/9	2/22	3/5	11/28	12/9	12/25	-	-

This table summarizes for a 30-year period, the dates when low temperatures last occurred in the spring and first occurred in the fall at Newbern. The average date is given in the 50% column. In the spring the table shows that for a temperature 32° or lower, there is a 90% chance (9 chances out of 10) after March 11, a 10% chance (1 chance out of 10) after April 12. In the fall, there is a 10% chance of a freeze, 32° or lower before October 15, a 90% chance, before November 16. It should be noted that all freeze data are based on temperatures in a standard U. S. Weather Bureau thermometer shelter at a height of approximately 5 feet above ground and in a representative exposure. Lower temperatures will exist at times nearer the ground and/or in local areas subject to extreme air drainage.