CLIMATOGRAPHY OF THE UNITED STATES

NUMBER 20-1

CLIMATIC GUIDE FOR SELMA, ALABAMA

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SELMA, ALABAMA

AVERAGES AND COMPARATIVE DATA

Latitude 32° 25' N., Longitude 87° 00' W. Elevation 147 Feet

MONTH	PRECIPITATION (Inches)												Snowfall	
	Normal	Record Mean	Greatest 24-hr. Amounts	Year	Greatest 48-hr. Amounts	Year	Greatest 72-hr. Amounts	Year	Greatest Monthly	Year	Least Monthly	Year	Average	Avg. No. Days T or More
January	4.68	4.76	4.77	1926	6.89	1926	7.44	1926	12.57	1926	0.38	1927	0.3	*
February	5.26	5.32	4.62	1903	5.15	1927	5.89	1927	13.94	1894	1.19	1930	0.1	*
March	5.42	5.89	8.06	1897	8.06	1897	8.08	1897	14.41	1929	0.51	1918	*	*
April	4.41	4.65	8.74	1938	12.69	1938	12.87	1938	20.51	1938	0.54	1906	*	*
May	2.73	3.83	3.24	1946	3.86	1950	4.33	1950	9.48	1893	0.07	1941	0	0
June	3.69	3.76	6.10	1938	7.46	1928	7.06	1928	10.12	1928	0.53	1931	0	0
July	5.12	5.08	4.87	1916	7.77	1916	10.21	1916	18.56	1916	0.90	1952	0	0
August	4.57	4.42	5.94	1888	10.45	1939	13.55	1939	21.26	1939	0.16	1945	0	0
September	2.73	2.62	4.30	1917	7.21	1917	7.74	1917	9.66	1917	0.08	1897	0	0
October	2.42	2.10	4.69	1937	4.88	1937	4.97	1937	9.23	1918	0.00	1924	0	0
November	2.94	3.09	4.07	1918	4.79	1948	5.07	1948	14.57	1948	0.09	1924	*	*
December	5.28	5.09	6.40	1919	9.90	1919	12.20	1919	11.22	1931	1.66	1928	*	*
Year	49.25	50.61	8.74	April 1938	12.69	April 1938	13.55	Aug. 1939	21.26	Aug. 1939	0.00	Oct. 1924	0.4	1

* Less than one

SELMA, ALABAMA

AVERAGES AND COMPARATIVE DATA

Latitude 32° 25' N., Longitude 87° 00' W. Elevation 147 feet

MONTH	TEMPERATURE (°F.)										ϕRELATIVE HUMIDITY (%)			
	Average Daily Maximum	Average Daily Minimum	Record Mean	Normal	Average Daily Range	Record Highest	Year	Record Lowest	Year	Heating Degree Days	12:30 a.m. C.S.T.	6:30 a.m. C.S.T.	12:30 p.m. C.S.T.	6:30 p.m. C.S.T.
January	60.6	39.2	49.9	49.4	21.4	85	1927	9	1940	470	84	83	61	67
February	62.6	40.2	51.4	51.1	22.4	85	1927	-5	1899	386	80	82	58	63
March	70.5	47.2	58.9	58.6	23.3	92	1907	19	1943	230	78	81	54	58
April	77.5	53.2	65.4	64.9	24.3	95	1925	29	1940	79	81	80	52	56
May	85.1	61.6	73.4	72.9	23.5	100	1953*	38	1909*	10	83	79	51	57
June	91.4	69.1	80.3	79.8	22.3	108	1954	49	1917	0	83	81	52	61
July	92.0	71.3	81.7	81.6	20.7	107	1952	59	1950*	0	87	85	58	68
August	92.0	71.0	81.5	81.2	21.0	105	1954*	57	1952*	0	87	87	57	69
September	88.7	66.2	77.5	77.2	22.5	105	1954	42	1909*	1	85	85	54	64
October	79.9	54.6	67.3	65.5	25.3	100	1954	27	1952	73	85	84	49	60
November	69.0	43.9	56.5	56.4	25.1	92	1922	13	1950	281	83	83	53	61
December	60.2	39.0	49.6	49.2	21.2	85	1951*	11	1909*	483	83	84	61	67
Year	77.5	54.7	66.1	65.6	22.8	108	June 1954	-5	Feb. 1899	2013	83	83	55	63

* Earlier years also

ϕ Montgomery, Alabama data

SELMA, ALABAMA

FREQUENCY OF DAYS WITH:-

Latitude 32° 25' N., Longitude 87° 00' W.

Elevation 147 Feet

MONTH	PRECIPITATION (Inches)							TEMPERATURE (°F.)											
								MAXIMUM				MINIMUM							
	.01 or More	.05 or More	.10 or More	.25 or More	.50 or More	1.00 or More	2.00 or More	90° or More	95° or More	100° or More	105° or More	32° or Below	30° or Below	25° or Below	20° or Below	15° or Below	10° or Below	5° or Below	0° or Below
January	9	8	7	5	3	1	*	0	0	0	0	10	7	3	1	*	*	0	0
February	9	8	7	6	4	2	*	0	0	0	0	7	5	2	1	*	*	*	*
March	9	8	7	5	4	2	1	*	0	0	0	3	2	*	*	*	0	0	0
April	8	7	6	4	3	1	*	1	*	0	0	*	*	0	0	0	0	0	0
May	8	7	6	4	3	1	*	8	2	*	0	0	0	0	0	0	0	0	0
June	8	7	6	4	3	1	*	21	9	2	*	0	0	0	0	0	0	0	0
July	11	9	9	6	4	1	*	23	10	1	*	0	0	0	0	0	0	0	0
August	9	8	7	5	3	1	*	22	10	2	*	0	0	0	0	0	0	0	0
September	6	5	4	3	2	1	*	15	5	1	*	0	0	0	0	0	0	0	0
October	5	4	3	3	2	1	*	3	*	*	0	*	*	0	0	0	0	0	0
November	6	5	5	3	2	1	*	0	0	0	0	4	3	1	*	*	0	0	0
December	10	8	8	6	3	1	*	0	0	0	0	9	7	2	1	*	0	0	0
Year	98	84	75	54	36	14	3	93	36	6	*	33	24	8	3	1	*	*	*

* Less than one

SELMA, ALABAMA

MONTHLY AND ANNUAL PRECIPITATION (inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1892	10.25	5.02	11.70	1.69	3.23	2.38	8.36	5.51	1.81	0.00	4.05	4.56	58.56
1893	3.16	4.90	3.89	3.17	9.48	7.29	5.36	4.21	3.05	2.71	3.10	2.20	52.52
1894	3.67	13.94	4.72	2.82	2.64	0.95	4.64	13.13	1.93	1.67	0.99	5.04	56.14
1895	6.30	2.66	8.02	3.22	3.62	9.66	4.45	1.59	0.30	1.84	1.30	3.67	46.63
1896	6.51	5.01	6.26	3.63	1.28	5.06	3.90	2.10	0.42	1.28	1.02	2.14	38.61
1897	3.27	6.61	13.43	4.03	0.73	2.31	5.52	3.96	0.08	0.52	1.56	4.13	46.15
1898	2.04	2.19	2.08	4.06	0.38	3.59	5.56	6.42	1.28	3.79	5.72	3.13	40.24
1899	5.24	5.41	3.45	1.32	2.90	1.82	6.95	3.45	0.38	3.16	1.50	5.59	41.17
1900	2.54	7.39	5.71	7.38	1.55	8.51	4.71	2.74	4.00	4.96	2.00	4.65	56.14
1901	2.74	4.39	5.01	4.27	5.32	1.70	2.11	6.44	3.95	0.21	2.17	6.57	44.88
1902	3.51	6.01	6.28	1.27	2.16	0.63	1.97	3.39	4.11	5.73	4.50	5.90	45.46
1903	2.42	12.54	4.58	2.50	5.60	7.78	3.32	2.95	1.06	1.08	0.17	3.21	47.21
1904	6.14	4.58	1.74	2.83	2.21	2.48	3.95	5.51	0.57	T	2.74	4.10	36.85
1905	6.93	6.94	5.83	1.28	4.23	3.55	6.48	5.72	1.60	4.20	1.71	5.24	53.71
1906	3.50	2.72	11.26	0.54	5.84	5.18	4.69	0.66	3.70	0.10	2.82	4.21	45.22
1907	1.13	5.18	3.58	5.73	8.80	2.17	6.28	3.54	1.88	1.98	7.86	5.90	54.13
1908	3.00	6.58	3.32	5.02	6.32	0.94	5.06	1.71	2.22	1.74	1.93	2.92	40.76
1909	1.32	7.85	13.12	5.55	5.01	5.93	3.64	2.95	3.22	0.30	1.34	5.34	55.57
1910	3.18	5.86	1.82	4.62	3.26	7.78	8.04	3.22	2.10	2.92	2.60	4.06	49.46
1911	4.80	2.10	1.64	5.75	2.00	1.24	5.81	3.47	3.10	2.60	4.31	6.57	43.39
1912	7.38	4.53	9.73	12.00	3.07	4.57	5.67	4.75	3.76	4.08	1.61	7.27	68.42
1913	6.00	6.39	7.47	2.60	3.00	1.51	2.62	2.17	7.24	1.30	0.49	3.18	43.97
1914	2.37	2.96	2.82	3.34	0.87	4.34	4.39	6.92	4.97	1.98	4.81	4.98	44.75
1915	6.74	5.41	3.71	0.54	6.34	5.79	4.42	2.12	2.75	3.66	3.22	8.90	53.60
1916	4.43	5.77	2.72	2.29	2.76	1.34	18.56	3.15	0.39	1.11	2.79	3.92	49.23
1917	7.20	4.34	7.07	4.78	2.48	2.26	5.35	6.04	9.66	0.85	1.20	2.25	53.48
1918	8.02	1.87	0.51	5.64	3.03	5.69	4.47	1.83	4.84	9.23	6.76	5.40	57.29
1919	5.69	8.32	6.91	4.27	5.88	2.19	5.32	11.50	0.79	3.00	6.39	12.86	73.12
1920	8.23	3.74	6.71	7.72	4.75	3.18	3.33	5.29	1.61	1.44	2.71	7.47	56.18
1921	3.33	6.62	6.06	5.52	1.37	1.24	3.82	4.31	1.51	0.83	3.57	3.54	41.72
1922	5.83	6.33	12.61	2.55	5.57	1.71	4.16	4.16	0.97	3.60	1.32	5.55	54.36
1923	3.07	4.58	5.51	6.03	8.28	5.33	5.06	5.33	1.39	1.85	5.21	4.95	56.59
1924	6.48	3.66	2.14	6.09	3.05	5.50	3.35	4.51	3.05	0.00	0.09	9.93	47.85
1925	11.04	5.18	3.99	1.09	4.11	2.66	3.90	1.80	5.37	3.49	5.16	2.47	50.26
1926	12.57	5.15	5.52	1.10	1.95	5.39	8.82	6.19	4.70	2.00	3.81	4.03	61.23
1927	0.38	7.85	4.06	1.64	3.04	3.89	2.40	2.97	3.00	0.35	2.74	4.73	37.05
1928	1.09	2.69	3.42	9.76	3.25	10.12	6.98	3.03	0.74	2.64	1.79	1.66	47.17
1929	3.88	10.06	14.41	4.03	3.73	4.97	4.70	3.19	6.50	4.22	7.32	3.97	70.98
1930	4.06	1.19	4.11	2.32	2.24	0.59	2.23	4.52	5.69	1.24	4.75	2.06	35.00

Extremes are underscored.

MONTHLY AND ANNUAL PRECIPITATION (Inches) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1931	2.62	2.68	3.46	2.85	2.93	0.53	3.51	2.02	1.85	0.62	2.01	11.22	36.30
1932	8.98	4.48	4.30	1.55	3.90	3.12	3.11	4.97	2.90	4.60	3.91	8.31	54.13
1933	2.71	4.98	5.83	7.70	1.44	5.45	5.36	1.40	0.76	2.28	0.29	4.59	42.79
1934	3.79	3.71	5.24	3.34	5.95	2.52	9.09	6.42	2.41	6.65	3.61	3.35	56.08
1935	1.98	4.87	8.39	4.18	4.90	2.60	4.66	5.79	1.76	0.14	1.40	4.15	44.82
1936	10.04	8.76	3.05	5.37	1.99	2.38	4.05	5.74	1.41	1.62	1.55	9.85	55.81
1937	6.64	5.37	5.22	6.59	7.36	1.78	6.16	2.89	1.61	7.48	4.02	3.14	58.26
1938	2.85	1.70	4.02	20.51	2.64	1.36	5.96	2.97	0.67	0.50	1.74	2.28	47.20
1939	3.96	9.43	3.95	4.49	5.63	4.55	3.63	21.26	2.37	0.11	0.99	3.02	63.39
1940	5.28	6.47	7.38	1.90	3.20	8.16	6.82	3.39	1.76	1.19	2.25	5.42	53.22
1941	2.37	3.18	4.98	3.01	0.07	2.00	5.65	7.35	1.05	1.54	1.97	8.93	42.10
1942	3.40	4.51	9.20	1.68	3.56	6.22	4.21	5.59	2.25	2.55	1.29	6.97	51.43
1943	4.24	1.51	9.95	4.42	4.60	2.59	3.83	3.48	3.66	0.98	4.14	2.87	46.27
1944	3.96	8.04	10.39	12.40	2.29	1.14	5.88	8.50	2.50	0.59	3.11	3.40	62.20
1945	3.74	7.46	5.23	8.98	3.59	2.83	5.84	0.16	6.70	3.83	4.09	6.40	58.85
1946	8.23	6.40	8.29	3.89	6.34	6.86	5.34	7.39	4.18	0.38	4.00	2.51	63.81
1947	11.53	2.19	6.06	7.90	7.48	2.47	4.82	3.70	0.75	1.14	8.93	4.69	61.66
1948	4.42	4.67	9.14	2.95	2.40	5.84	3.54	1.77	4.43	1.12	14.57	3.56	58.41
1949	4.51	8.46	5.72	5.73	4.81	4.41	5.78	7.51	2.65	1.40	0.54	3.28	54.80
1950	2.61	3.80	4.85	2.55	8.38	3.49	11.24	3.21	1.30	1.51	0.51	4.88	48.33
1951	3.76	2.77	9.91	5.03	0.39	3.17	3.77	2.00	5.68	1.15	2.21	7.14	46.98
1952	4.16	3.11	6.51	3.67	5.82	3.82	0.90	5.75	0.79	1.57	2.61	7.79	46.50
1953	3.38	8.24	2.86	9.64	2.35	3.95	4.58	1.22	3.83	0.45	2.59	11.12	54.21
1954	1.25	3.97	3.38	3.83	2.27	1.59	3.09	0.53	0.24	0.43	3.30	6.12	30.00
1955	5.02	5.06	3.03	9.56	5.80	4.33	4.12	1.60	0.56	3.05	2.90	2.27	47.30
MEANS	4.76	5.32	5.89	4.65	3.83	3.76	5.08	4.42	2.62	2.10	3.09	5.09	50.61

Extremes are underscored

SELMA, ALABAMA

GREATEST PRECIPITATION IN 24-HOURS BY MONTHS AND YEARS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1887	----	----	----	----	----	0.90	----	----	2.80	----	----	----	-----
1888	1.60	----	----	----	----	----	1.89	5.94	----	----	----	----	-----
1896	----	----	----	----	----	----	----	----	----	----	----	0.76	-----
1897	1.54	2.33	8.06	1.23	0.70	1.21	2.35	0.76	0.06	0.24	0.81	1.49	8.06
1898	0.48	0.68	1.63	2.14	0.33	1.75	1.34	1.95	0.38	1.20	1.58	0.92	2.14
1899	1.12	2.18	0.95	0.90	1.50	0.60	1.93	0.65	0.25	1.50	0.78	1.14	2.18
1900	2.03	1.47	1.62	1.81	0.98	1.90	1.55	0.76	2.89	1.20	1.00	1.40	2.89
1901	0.79	1.70	1.30	1.97	2.95	0.78	1.47	2.75	1.32	0.19	0.94	3.10	3.10
1902	0.98	2.17	1.05	0.98	0.74	0.36	1.11	1.55	2.17	4.09	1.84	3.10	4.09
1903	0.60	4.62	0.98	1.70	2.20	2.02	1.34	0.50	0.68	0.72	0.15	0.85	4.62
1904	1.80	1.36	0.44	1.67	0.94	1.18	0.45	1.52	0.42	T	1.33	1.12	1.80
1905	4.52	3.14	3.42	0.44	2.08	1.00	1.68	1.70	0.45	1.38	0.89	2.13	4.52
1906	1.42	0.70	5.62	0.30	1.96	1.60	1.24	0.20	2.22	0.06	0.07	0.10	5.62
1907	1.00	2.04	2.00	1.42	2.42	0.76	0.98	1.16	0.42	0.80	2.12	1.36	2.42
1908	0.90	2.10	1.50	1.42	2.08	0.36	0.90	0.50	1.74	0.70	1.72	1.04	2.10
1909	0.88	1.88	3.56	2.68	1.42	1.78	1.30	1.36	1.72	0.16	0.70	1.32	3.56
1910	1.26	1.78	0.86	2.14	1.58	1.96	1.52	1.46	0.86	1.30	0.90	0.84	2.14
1911	2.74	0.78	0.66	1.57	0.70	0.34	1.70	1.24	1.92	1.18	1.06	2.00	2.74
1912	2.98	1.75	2.62	3.82	1.32	1.75	1.23	0.96	2.00	3.50	1.33	1.40	3.82
1913	2.25	2.20	2.65	1.30	1.62	0.62	0.45	1.63	1.87	0.75	0.43	1.25	2.65
1914	0.77	1.34	1.40	1.12	0.55	1.30	1.94	1.91	1.41	1.20	2.10	1.35	2.10
1915	1.50	2.10	2.23	0.40	2.37	1.57	1.70	0.90	1.58	1.28	1.30	4.00	4.00
1916	2.27	1.95	2.10	1.00	0.80	0.54	4.87	2.04	0.18	0.94	1.26	1.04	4.87
1917	1.10	1.89	1.80	1.77	1.24	1.01	1.69	1.61	4.30	0.58	0.72	0.91	4.30
1918	2.10	0.53	0.26	1.50	1.32	1.60	1.29	0.83	2.06	1.96	4.07	1.85	4.07
1919	1.74	2.77	3.43	2.87	1.20	1.13	1.40	2.63	0.79	1.08	2.73	6.40	6.40
1920	2.30	0.80	1.33	2.70	1.37	1.22	1.06	1.15	1.40	1.29	1.08	1.95	2.70
1921	2.08	2.63	1.39	2.02	0.59	0.74	0.87	1.29	0.82	0.53	1.20	1.00	2.63
1922	1.47	2.61	4.30	1.58	1.67	0.48	1.40	1.69	0.76	2.00	1.30	1.07	4.30
1923	1.68	2.00	2.13	2.59	1.77	2.10	1.48	1.83	1.08	0.80	1.57	1.10	2.59
1924	2.05	0.98	1.22	1.87	1.07	1.58	0.98	2.90	0.80	0.00	0.09	4.58	4.58
1925	3.40	2.20	1.92	0.82	2.43	0.83	1.43	0.55	3.05	0.92	1.60	0.66	3.40
1926	4.77	1.55	2.10	0.43	1.00	2.29	4.10	1.84	2.10	0.91	1.23	1.22	4.77
1927	0.25	3.83	1.44	0.50	1.59	1.12	1.00	0.84	1.12	0.30	1.77	1.50	3.83
1928	0.67	0.85	1.02	2.45	1.97	6.10	2.95	0.68	0.27	1.10	1.46	1.00	6.10
1929	0.83	2.10	3.50	2.05	1.29	1.92	2.30	1.39	2.96	1.05	1.54	1.35	3.50
1930	1.48	0.45	1.25	1.89	1.00	0.32	0.97	2.06	2.10	0.69	2.38	0.60	2.38

SELMA, ALABAMA

GREATEST PRECIPITATION IN 24-HOURS BY MONTHS AND YEARS - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1931	0.80	0.70	1.12	0.99	0.96	0.50	0.58	0.55	1.73	0.62	1.47	3.87	3.87
1932	4.20	1.50	1.60	0.95	0.92	1.10	0.65	1.46	1.50	2.20	1.74	1.37	4.20
1933	1.83	1.52	3.79	2.40	0.66	2.99	1.23	0.69	0.43	1.48	0.25	3.06	3.79
1934	2.08	1.34	1.58	0.96	2.09	1.75	2.03	2.97	0.93	3.15	1.80	0.92	3.15
1935	1.50	2.02	2.08	1.95	1.60	0.90	1.66	1.13	1.26	0.11	0.77	2.00	2.08
1936	2.42	3.85	1.38	1.95	1.11	1.27	1.68	2.89	0.80	0.93	0.48	1.59	3.85
1937	1.32	1.47	1.60	2.75	3.21	0.74	1.70	0.93	0.65	4.69	1.83	1.25	4.69
1938	1.18	1.08	1.83	8.74	1.09	0.37	2.17	1.37	0.42	0.50	1.11	1.23	8.74
1939	0.98	2.09	2.09	2.89	1.65	1.24	0.74	5.35	1.37	0.11	0.47	1.14	5.35
1940	1.93	2.69	3.25	0.83	2.39	3.14	1.17	1.15	0.90	0.79	0.84	1.49	3.25
1941	0.48	1.20	2.21	0.88	0.07	0.65	1.32	1.49	0.60	0.52	0.80	2.88	2.88
1942	1.25	2.19	3.10	0.98	1.49	2.26	1.20	2.52	0.87	1.04	0.87	2.86	3.10
1943	2.42	0.53	3.85	2.17	2.71	1.95	1.18	1.56	1.62	0.92	3.53	1.40	3.85
1944	2.00	1.90	3.09	5.80	0.78	0.66	2.25	2.12	1.35	0.53	0.81	1.74	5.80
1945	1.48	1.65	2.85	3.98	2.65	1.66	1.50	0.06	2.30	1.29	2.84	1.78	3.98
1946	2.50	1.75	2.35	2.25	3.24	1.85	1.01	4.60	1.99	0.30	0.90	1.06	4.60
1947	3.20	1.93	1.75	2.19	2.27	0.95	1.27	1.36	0.24	0.55	2.41	1.73	3.20
1948	0.71	1.05	2.00	1.65	0.85	1.88	1.04	0.82	1.27	0.83	3.62	0.92	3.62
1949	2.12	2.70	1.27	1.85	3.02	1.17	2.02	1.89	2.13	0.70	0.07	1.13	3.02
1950	0.78	3.02	1.31	1.01	2.26	1.51	2.33	1.88	0.55	0.92	0.34	1.75	3.02
1951	1.04	0.88	6.24	1.67	0.36	0.99	1.47	1.27	1.56	1.15	0.32	2.10	6.24
1952	1.64	0.61	2.81	1.45	1.55	2.96	0.54	1.47	0.26	1.12	0.79	2.69	2.96
1953	0.75	1.68	0.70	2.38	0.55	1.10	1.65	0.86	1.80	0.37	0.90	2.28	2.38
1954	0.76	1.23	0.80	2.90	0.90	1.14	0.76	0.33	0.09	0.35	1.76	3.94	3.94
1955	1.74	2.24	1.65	2.80	1.59	1.20	1.16	0.45	0.45	1.00	1.34	1.14	2.80
Great-est	4.77	4.62	8.06	8.74	3.24	6.10	4.87	5.94	4.30	4.69	4.07	6.40	8.74
YEAR	1926	1903	1897	1938	1946	1928	1916	1888	1917	1937	1918	1919	April 1938

SELMA, ALABAMA

MONTHLY AND ANNUAL MEAN TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897	44.2	52.2	62.0	64.0	70.6	82.9	82.7	79.7	76.8	67.8	56.2	48.6	65.7
1898	50.8	47.9	61.6	60.3	75.8	82.8	82.2	81.3	77.6	64.4	50.6	46.6	65.2
1899	47.4	41.2	58.2	62.8	77.6	81.8	82.5	83.5	77.0	68.4	57.0	46.2	65.3
1900	46.2	45.4	54.0	65.0	72.8	77.0	80.6	82.0	78.8	70.5	58.4	48.2	65.0
1901	49.5#	44.0	55.1#	59.2	71.9	80.0	83.3	79.8	73.6	64.5	50.2	43.4	62.9
1902	44.2	42.5	57.2	63.4	77.4	83.4	84.8	84.2	74.9	64.0	59.7	45.2	65.1
1903	44.2	49.2	60.0	61.5	70.6	75.7	81.8	82.6	74.4	64.0	55.7	42.2	63.5
1904	46.4	55.0	63.0	62.8	73.4	81.0	81.5	80.7	80.5	68.2	55.6	48.3	66.4
1905	40.5	41.8	61.2	65.8	77.4	82.5	82.2	81.6	79.3	66.6	58.6	43.9	65.2
1906	48.3	46.4	52.9	67.0	72.0	81.6	82.2	83.3	80.3	62.1	58.3	52.0	65.6
1907	57.2	51.6	66.1	60.7	70.0	78.4	83.0	82.4	76.6	65.0	51.8	46.6	65.8
1908	44.8	44.3	64.2	68.3	73.4	77.1	81.8	80.6	75.8	59.9	57.4	51.6	65.0
1909	50.8	50.0	56.8	64.4	70.0	79.6	79.6	82.1	77.1	63.9	59.0	40.4	64.5
1910	45.4	45.8	61.0	62.2	70.4	76.8	78.6	79.9	76.4	65.6	52.2	43.2	63.1
1911	51.6	56.1	59.6	65.1	74.3	83.3	80.2	80.6	82.5	70.0	50.8	50.6	67.1
1912	42.0	44.8	54.0	66.0	74.0	77.8	82.6	81.6	79.2	67.7	56.5	48.3	64.1
1913	52.8	48.8	56.8	63.6	73.7	82.4	83.5	82.4	73.6	61.6	57.2	48.8	65.5
1914	48.4	46.6	51.8	64.7	73.5	85.0	81.8	81.7	73.6	65.1	53.0	44.4	64.2
1915	44.2	49.0	48.6	66.4	75.8	79.6	82.5	80.6	77.8	68.6	57.5	47.0	64.8
1916	53.7	47.8	55.4	62.9	74.8	78.9	77.0	78.6	73.0	64.2	54.0	45.8	63.9
1917	50.4	49.4#	57.3	65.3	66.2	80.0	79.5	78.6	75.0	59.6	52.3	41.6	63.0
1918	40.8#	55.5#	63.9	62.3	74.6	80.4	78.8	81.6	72.2	69.2	54.5#	52.0#	65.5
1919	46.8#	48.7#	58.6	65.0	71.2	80.8	81.6	80.4	76.8	77.6	59.8	50.2	66.5
1920	51.1	48.6	54.4	64.4	72.6	79.3	81.3	79.3	79.4	67.1	53.2	46.8	64.8
1921	52.9	52.8	66.5	64.8	72.4	82.0	84.0	83.8	83.7	67.8	62.3	56.4	69.1
1922	51.8	58.2	59.6	70.9	75.1	81.8	82.9	82.5	81.7	69.4	63.4	58.8	69.7
1923	56.4	52.2	59.2	67.0	72.5	79.3	78.8	81.7	80.0	67.8	56.6	58.0	67.5
1924	45.8	51.6	55.8	66.5	70.5	81.9	82.1	83.8	76.2	69.4	60.4	53.4	66.5
1925	51.8	56.4	62.6	71.2	73.4	82.2	82.8	82.0	83.0	68.2	57.3	49.6	68.4
1926	48.6	55.2	54.2	65.2	73.3	79.0	79.6	81.9	80.8	68.6	54.5	55.6	66.4
1927	53.6	62.6	60.0	70.3	74.6	79.4	82.4	80.5	79.8	70.4	65.0	52.7	69.3
1928	48.5	53.2	60.4	62.8	72.2	77.6	82.0	82.7	77.4	72.0	58.2	51.5	66.6
1929	54.0	51.0	63.0	70.2	74.2	79.0	81.2	81.8	77.0	66.6	58.0	49.1	67.6
1930	50.0	57.8	56.3	68.0	75.3	78.1	83.8	79.8	77.8	65.4	55.9	47.1	66.3
1931	48.2	53.4	54.0	63.6	70.0	80.4	81.8	80.0	81.6	71.1#	65.0	58.3	67.3
1932	57.2	61.8	55.8	67.4	71.9	80.2	84.4	83.0	77.2	66.2	54.2	53.4	67.8
1933	56.5	52.8	59.7	65.0	78.5	79.4	79.4	81.4	80.3	69.5	59.4	60.6	68.6
1934	53.8	49.0	58.4	66.5	74.2	81.2	81.9	80.6	75.8	68.9	58.4	47.8	66.4
1935	50.0	51.6	62.8	67.0	74.6	79.3	83.4	83.0	76.7	69.4	57.8	43.2	66.6

Partly interpolated
Extremes are underscored

MONTHLY AND ANNUAL MEAN TEMPERATURE (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1936	47.8	49.6	62.4	64.6	75.1	82.4	83.6	83.0	80.2	69.2	55.5	52.8	67.2
1937	60.8	50.8	55.8	65.2	74.5	81.8	81.5	82.8	75.4	64.6	53.0	49.2	66.3
1938	49.4	56.6	65.4	64.6	73.8	79.6	82.3	83.0	76.5	67.4	58.2	48.6	67.2
1939	53.0	55.8	61.5	64.4	72.3	80.2	81.9	79.3	77.8	67.2	54.2	51.6	66.6
1940	36.8	47.8	57.5	64.0	70.2	77.5	79.6	81.0	74.2	66.2	57.0	53.2	63.8
1941	49.8	46.2	53.1	67.2	74.4	80.7	81.5	81.2	79.4	73.4	55.4	52.4	66.2
1942	45.9	47.0	57.6	66.0	72.0	79.4	81.6	78.8	74.1	67.0	59.0	52.3	65.1
1943	52.2	53.2	56.6	65.9	75.0	82.7	82.8	82.6	73.3	63.8	53.2	48.8	65.9
1944	48.7	57.7	59.7	64.0	73.7	81.6	79.7	79.8	76.7	65.1	56.5	48.8	66.0
1945	49.1	56.0	66.9	67.9	70.2	80.4	81.0	81.4	78.9	64.4	59.2	44.3	66.7
1946	50.6	53.4	63.4	68.4	71.8	76.8	79.6	78.2	74.0	66.2	62.0	54.2	66.6
1947	52.9	45.2	53.6	67.0	71.6	78.0	77.6	80.3	77.4	71.2	54.7	50.6	65.0
1948	43.4	54.7	62.4	68.8	73.6	79.4	80.4	78.7	76.9#	63.0	57.9	52.4	66.0
1949	55.7	55.1	55.7	63.5	73.5	78.8	81.3	80.1	77.3	73.3	56.1	52.9	66.9
1950	63.9	58.9	56.8	62.9	76.4	80.5	80.5	80.8	75.8	70.0	53.8	46.2	67.2
1951	52.4	54.4	60.9	64.8	73.4	81.4	84.0	85.7	79.5	70.0	52.8	54.7	67.9
1952	58.1	56.1	58.0	64.3	74.5	84.0	84.7	81.6	75.6	61.0	55.8	49.7	66.9
1953	53.1	53.2	62.0	64.1	76.5	82.9	82.0	81.9	77.0	68.5	56.2	49.2	67.2
1954	51.8	56.0	58.5	69.9	69.3	82.3	84.6	86.8	81.5	69.1	54.8	48.8	67.8
1955	48.7	53.6	62.5	68.4	76.4	76.2	81.8	82.1	79.1	64.0	55.1	49.5	66.5
MEANS	49.9	51.4	58.9	65.4	73.4	80.3	81.7	81.5	77.5	67.3	56.5	49.6	66.1

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897	54.6	61.8	71.5	75.7	83.0	94.6	92.9	89.2	88.0	81.0	69.3	60.2	76.8
1898	61.1	60.1	71.7	72.4	90.6	95.5	94.1	92.1	89.4	76.7	62.6	58.8	77.1
1899	59.0	53.2	70.4	73.8	89.6	93.8	94.5	95.8	90.9	80.5	69.9	57.5	77.4
1900	58.1	56.7	65.4	79.2	85.9	86.5	92.8	94.2	89.7	79.9	68.5	59.6	76.4
1901	61.2	53.2	67.0#	69.8	84.8	93.2	95.4	89.9	84.3	78.3	64.0	55.7	74.7
1902	55.9	52.2	68.6	76.1	89.8	97.1	97.8	95.8	85.3	75.9	72.4	54.2	76.8
1903	54.2	60.0	67.1	73.7	80.3	87.2	92.0	92.3	87.2	77.0	66.0	55.3	74.4
1904	54.9	62.2	73.3	74.1	86.3	93.5	93.3	90.8	94.2	84.2	66.8	58.2	77.7
1905	50.3	51.5	73.2	77.2	87.9	94.5	93.0	91.5	91.0	76.5	71.1	52.5	75.9
1906	59.6	59.1	63.8	81.6	83.7	93.8	93.4	95.1	90.5	75.0	72.3	64.2	77.7
1907	69.7	64.1	79.5	72.8	80.6	90.6	94.2	93.8	88.3	79.0	63.8	56.6	77.8
1908	56.9	55.8	77.1	80.5	86.0	87.2	93.8	92.6	88.2	75.4	71.6	63.9	77.4
1909	62.7	64.8	70.1	78.1	82.9	91.2	91.4	94.5	89.8	81.2	75.1	51.3	77.8
1910	59.4	58.8	76.9	77.0	84.5	88.4	88.7	91.2	88.5	77.5	64.6	54.6	75.8

Partly interpolated
Extremes are underscored

SELMA, ALABAMA

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1911	62.4	66.5	73.0	76.2	87.5	95.8	90.5	90.4	94.6	81.3	61.8	60.7	78.4
1912	53.2	57.0	64.5	77.1	86.7	88.0	93.9	92.3	89.2	78.9	65.5	57.8	75.3
1913	63.3	60.6	68.5	76.8	87.2	96.4	95.4	94.5	83.8	75.5	72.0	57.9	77.7
1914	61.2	58.1	65.6	78.6	87.4	97.9	92.2	92.9	83.8	76.2	66.5	52.2	76.1
1915	55.9	60.0	61.8	81.2	87.1	90.8	94.0	90.5	89.7	80.1	72.2	59.5	76.9
1916	64.9	61.0	69.3	75.8	87.3	89.9	82.4	87.1	83.1	76.5	67.3	54.4	74.9
1917	59.5	62.5#	68.1	79.9	78.7	93.0	90.2	89.1	85.1	73.3	66.2	50.8	74.7
1918	52.2#	67.3#	75.2	72.6	86.2	90.9	89.0	91.7	83.3	76.2	65.5#	59.4#	75.8
1919	57.2#	59.6#	71.8	78.0	80.8	90.9	90.7	88.7	89.3	86.6	70.2	61.0	77.1
1920	59.2	57.7	65.5	74.7	81.7	90.1	90.6	87.1	89.0	81.6	65.5	55.8	74.9
1921	64.3	63.9	77.7	76.9	83.6	91.6	94.6	95.2	95.2	82.0	74.9	68.7	80.7
1922	60.7	68.3	69.5	82.4	85.7	93.0	94.1	94.1	95.1	81.3	76.4	68.8	80.8
1923	67.9	62.8	70.3	78.7	82.6	88.9	87.1	91.4	91.7	80.9	69.3	66.2	78.2
1924	56.9	62.6	67.0	77.9	81.5	92.5	93.3	95.4	86.5	86.1	76.0	64.2	78.3
1925	60.9	67.3	76.2	84.6	86.1	92.8	92.7	93.4	94.4	79.2	68.9	61.6	79.8
1926	57.8	67.0	64.1	78.5	85.6	88.9	89.1	89.9	89.3	78.6	66.2	66.9	76.8
1927	64.8	73.2	70.7	81.0	85.6	87.9	92.4	91.5	92.7	85.9	77.8	64.2	80.6
1928	59.8	64.9	71.5	74.7	83.8	86.1	91.7	92.6	89.1	84.1	71.3	64.7	77.9
1929	65.4	62.0	72.7	81.1	84.2	88.7	91.0	93.1	86.2	78.4	66.3	62.0	77.6
1930	61.5	71.0	66.9	81.7	86.8	89.7	94.8	89.6	86.5	75.9	64.4	55.6	77.0
1931	59.5	64.8	64.9	75.7	81.4	93.4	90.7	90.5	93.6	83.6#	79.7	67.6	78.8
1932	67.2	72.2	67.8	79.8	82.7	89.7	94.5	92.3	86.4	78.7	65.7	62.0	78.3
1933	65.5	62.0	71.5	75.0	89.2	91.2	87.1	90.1	90.1	80.7	73.6	72.2	79.0
1934	63.6	61.5	71.0	78.1	85.0	90.7	90.6	88.5	86.5	79.5	68.9	56.8	76.7
1935	59.7	62.2	73.1	78.3	86.0	91.3	94.5	93.6	88.8	83.7	69.8	54.4	78.0
1936	59.2	61.0	76.1	77.0	87.9	95.9	94.7	94.2	92.0	82.0	68.5	63.0	79.3
1937	68.9	61.3	68.6	79.0	86.5	93.2	92.7	94.0	86.9	76.1	64.3	59.5	77.6
1938	59.7	69.1	77.2	76.2	85.5	91.7	92.7	95.0	90.0	83.1	72.9	60.7	79.5
1939	64.2	66.6	73.8	76.8	82.8	89.2	92.0	88.3	87.7	79.7	66.4	63.2	77.6
1940	46.8	56.6	69.7	74.6	83.0	86.8	87.2	90.8	86.2	80.1	68.1	62.5	74.4
1941	61.2	55.9	63.8	79.0	87.2	91.1	90.1	90.5	89.5	84.6	67.9	62.5	76.9
1942	58.2	56.6	69.2	79.8	83.7	89.0	91.2	88.1	85.1	79.6	72.1	63.5	76.3
1943	63.1	65.5	67.9	78.5	85.9	93.5	92.5	93.6	84.0	78.1	67.6	59.2	77.5
1944	59.3	67.3	70.9	74.6	85.1	92.8	90.2	87.8	85.3	79.0	67.0	59.8	76.6
1945	59.5	66.9	78.9	79.0	81.3	91.0	89.9	91.6	89.0	76.5	71.2	54.3	77.4
1946	60.0	66.5	75.0	80.6	81.6	86.2	87.6	88.0	83.2	79.2	71.8	66.4	77.2
1947	61.2	57.3	65.7	77.4	82.0	87.6	88.0	90.2	88.7	81.9	63.9	62.3	75.5
1948	54.6	64.7	73.4	80.5	85.2	90.5	90.5	89.8	84.7	76.0	68.3	62.4	76.7
1949	65.8	64.8	67.3	73.4	84.4	87.9	89.6	89.1	89.9	83.9	71.2	64.3	77.6
1950	73.6	71.6	68.8	75.8	87.6	91.8	91.4	93.3	86.4	83.2	69.1	57.1	79.1

Extremes are underscored
#Partly interpolated

SELMA, ALABAMA

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1951	64.8	67.4	72.6	77.9	87.8	92.9	96.2	99.3	90.9	83.4	66.2	67.2	80.6
1952	68.4	66.3	70.2	77.8	87.2	96.3	97.6	92.8	88.5	76.5	69.5	59.6	79.2
1953	64.7	63.6	73.3	77.1	87.5	95.1	92.3	94.2	90.6	83.1	70.2	58.6	79.2
1954	63.4	69.5	70.6	82.6	81.4	95.6	96.4	100.6	96.5	84.4	67.7	60.4	80.8
1955	58.8	64.6	75.0	79.4	88.4	88.2	92.1	93.1	91.2	78.3	67.9	59.2	78.0
MEANS	60.6	62.6	70.5	77.5	85.1	91.4	92.0	92.0	88.7	79.9	69.0	60.2	77.5

MONTHLY AND ANNUAL MEAN MINIMUM TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897	33.9	42.7	52.6	52.3	58.3	71.2	72.5	70.2	65.6	54.7	43.0	37.0	54.5
1898	40.5	35.7	51.6	48.2	61.0	70.1	70.4	70.5	65.9	52.0	38.7	34.3	53.2
1899	35.9	29.2	46.1	51.8	65.6	69.8	70.5	71.2	63.1	56.2	44.0	35.0	53.2
1900	34.2	34.1	42.7	50.8	59.6	67.6	68.5	69.9	68.0	61.1	48.2	36.8#	53.5
1901	37.8#	34.8	43.1	48.7	59.0	66.7	71.2	69.8	63.0	50.7	36.3	31.0	51.0
1902	32.6	32.8	45.9	50.7	65.0	69.6	71.8	72.5	64.5	52.1	47.0	36.1	53.4
1903	34.2	38.5	53.0	49.3	60.8	64.2	71.5	72.9	61.5	51.1	45.4	29.1	52.6
1904	38.0	47.8	52.8	51.5	60.3	68.5	69.7	70.6	66.8	52.2	44.3	38.4	55.1
1905	30.7	32.0	49.3	54.3	67.0	70.5	71.5	71.6	67.6	56.7	46.1	35.3	54.4
1906	37.0	33.8	42.0	52.5	60.2	69.3	71.1	71.5	70.1	49.2	44.3	39.7	53.4
1907	44.8	39.0	52.7	48.6	59.4	66.3	71.9	70.9	64.9	51.0	39.8	36.7	53.8
1908	32.7	32.8	51.4	56.1	60.8	67.0	69.8	68.7	63.5	44.4	43.3	39.2	52.5
1909	38.9	35.3	43.5	50.6	57.2	68.1	67.9	69.7	64.4	46.6	43.0	29.5	51.2
1910	31.3	32.9	45.2	47.4	56.2	65.1	68.5	68.6	64.3	53.8	39.8	31.8	50.4
1911	40.7	45.7	46.2	54.0	61.1	70.8	69.8	70.9	70.4	58.7	39.7	40.5	55.7
1912	30.8	32.6	43.5	54.9	61.4	67.5	71.3	70.8	69.2	56.5	37.5	38.8	52.9
1913	42.4	37.1	45.1	50.4	60.2	68.4	71.6	70.2	63.4	47.8	42.4	39.6	53.2
1914	35.5	35.0	38.0	50.8	59.6	72.0	71.3	70.5	63.3	54.0	39.4	36.7	52.2
1915	32.5	38.0	35.3	51.5	64.4	68.4	71.0	70.7	65.8	57.0	42.8	34.5	52.7
1916	42.5	34.6	41.4	50.0	62.3	67.9	71.5	70.2	62.9	52.0	40.8	37.3	52.8
1917	41.2	36.3	46.5	50.7	53.6	67.0	68.8	70.0	64.9	46.0	38.4	32.3	51.3
1918	29.3	43.7	52.6	52.0	62.9	69.8	68.6	71.5	61.1	62.3	43.4	44.6#	55.2
1919	36.3#	37.7	45.4	51.9	61.5	70.7	72.4	72.1	64.4	68.5	49.4	39.4	55.8
1920	43.0	39.6	43.3	54.2	63.4	68.5	72.0	71.5	69.8	52.6	40.8	37.9	54.7
1921	41.5	41.8	55.3	52.7	61.2	72.5	73.3	72.4	72.2	53.7	49.7	44.2	57.5
1922	43.3	48.0	49.7	59.4	64.5	70.5	71.7	70.9	68.3	57.6	50.3	48.8	58.6
1923	45.0	41.5	48.1	55.4	62.4	69.7	70.6	72.0	68.4	54.6	43.8	49.8	56.8
1924	34.6	40.7	44.5	55.1	59.5	71.3	70.9	72.3	65.8	52.7	44.8	42.5	54.6
1925	42.7	45.6	48.9	57.8	60.7	71.6	73.0	70.5	71.5	57.9	45.7	37.5	57.0

Extremes are underscored

#Partly interpolated

SELMA, ALABAMA

MONTHLY AND ANNUAL MEAN MINIMUM TEMPERATURE (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1926	39.4	43.5	44.4	51.8	61.0	69.0	70.2	73.9	72.2	58.6	42.8	44.3	55.9
1927	42.5	52.0	49.4	59.6	63.6	71.0	72.3	69.5	66.8	54.9	52.1	41.2	57.9
1928	37.2	41.5	49.4	50.8	60.5	69.1	72.4	72.8	65.7	59.8	45.1	38.3	55.2
1929	42.7	39.9	53.2	59.3	64.1	69.2	71.5	70.5	67.7	66.6	49.8	36.2	57.6
1930	38.6	44.5	45.7	54.2	63.8	66.5	72.8	69.9	69.2	54.8	47.4	38.6	55.5
1931	37.0	41.9	43.1	51.6	58.7	67.3	72.9	69.4	69.6	58.6	50.4	49.0	55.8
1932	47.3	51.3	43.7	54.9	61.1	70.7	74.4	73.6	68.0	53.6	42.7	44.9	57.2
1933	47.5	43.6	47.9	55.1	67.8	67.7	71.8	72.6	70.5	58.3	45.3	49.1	58.1
1934	44.1	36.5	45.9	54.9	63.4	71.8	73.2	72.8	65.1	58.3	47.8	38.8	56.1
1935	40.3	40.9	52.5	55.8	63.3	67.3	72.2	72.5	64.6	55.0	45.7	32.0	55.2
1936	36.3	38.3	48.8	52.2	62.3	68.8	72.5	71.7	68.4	56.4	42.5	42.5	55.1
1937	52.7	40.4	43.1	51.4	62.5	70.5	70.3	71.6	63.8	53.2	41.7	38.8	55.0
1938	39.2	44.1	53.5	53.0	62.2	67.6	71.9	71.0	63.0	51.7	43.4	36.5	54.8
1939	41.8	44.9	49.2	52.0	61.8	71.2	71.8	70.3	68.0	54.6	41.9	40.1	55.6
1940	26.8	38.9	45.3	53.3	57.3	68.2	72.1	71.3	62.3	52.4	46.0	44.0	53.2
1941	38.4	36.5	42.4	55.5	61.7	70.3	72.9	71.9	69.3	62.2	43.0	42.4	55.5
1942	33.6	37.4	46.0	52.1	60.4	69.9	72.0	69.6	63.1	54.4	46.0	41.1	53.8
1943	41.3	41.0	45.4	53.3	64.2	71.9	73.1	71.6	62.6	49.4	38.9	38.5	54.3
1944	38.1	48.1	48.5	53.5	62.3	70.5	69.2	71.7	68.1	51.2	46.0	37.7	55.4
1945	38.7	45.1	54.9	56.8	59.1	69.8	72.1	71.2	68.8	52.4	47.2	34.3	55.9
1946	41.2	40.4	51.8	56.3	62.1	67.5	71.7	68.5	64.7	53.2	52.2	41.9	56.0
1947	44.6	33.1	41.6	56.7	61.3	68.3	67.3	70.4	66.2	60.4	45.5	38.9	54.5
1948	32.1	44.7	51.4	57.1	61.9	68.2	70.8	67.6	69.0#	50.1	47.4	42.4	55.2
1949	45.6	45.4	44.0	53.6	62.6	69.6	72.9	71.0	64.6	62.6	41.0	41.5	56.2
1950	54.1	46.1	44.8	49.9	65.2	69.2	69.5	68.2	65.1	56.7	38.5	35.3	55.2
1951	40.0	41.3	49.1	51.7	59.0	69.9	71.8	72.1	68.0	56.6	39.3	42.2	55.1
1952	47.8	45.8	45.7	50.8	61.7	71.6	71.8	70.4	62.6	45.5	42.0	39.7	54.6
1953	41.4	42.8	50.7	51.1	65.5	70.7	71.6	69.5	63.4	53.9	42.1	39.8	55.2
1954	40.2	42.4	46.4	57.2	57.1	68.9	72.8	73.0	66.5	53.7	41.8	37.2	54.8
1955	38.5	42.5	50.0	57.3	66.4	64.2	71.5	71.0	66.9	49.6	42.2	39.8	55.0
MEANS	39.2	40.2	47.2	53.2	61.6	69.1	71.3	71.0	66.2	54.6	43.9	39.0	54.7

Extremes are underscored

#Partly interpolated

SELMA, ALABAMA

ABSOLUTE HIGHEST TEMPERATURE BY MONTHS AND YEARS (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897	74	80	83	88	92	102	102	104	94	89	80	79	104
1898	80	79	86	83	98	100	100	97	95	93	79	75	100
1899	69	77	86	93	95	105	102	101	99	92	81	74	105
1900	69	73	84	88	90	93	99	101	96	94	84	68	101
1901	74	72	--	86	92	101	105	97	92	87	81	75	105
1902	70	66	81	86	98	101	104	104	93	89	83	70	104
1903	75	73	80	83	91	97	99	97	98	92	82	64	99
1904	68	82	86	86	95	101	101	98	102	98	76	74	101
1905	71	71	82	87	95	101	101	99	98	90	88	65	101
1906	79	75	80	94	96	101	99	100	98	82	86	76	101
1907	81	77	92	87	90	98	102	101	101	91	80	69	102
1908	73	74	90	91	97	102	103	100	100	87	85	80	103
1909	81	84	80	91	91	99	100	102	98	94	88	73	102
1910	73	73	89	88	94	98	95	96	97	89	78	75	98
1911	80	80	86	88	100	104	98	98	100	97	81	78	104
1912	76	76	84	87	97	95	102	98	101	93	79	77	102
1913	81	75	85	90	97	102	104	100	98	90	88	77	104
1914	79	74	85	90	100	104	97	102	94	90	84	74	104
1915	81	73	79	92	97	101	104	101	97	93	85	77	104
1916	79	78	90	89	100	97	95	93	94	90	81	72	100
1917	77	--	85	90	95	103	97	95	95	88	78	75	103
1918	--	--	87	85	96	97	96	100	95	90	--	--	100
1919	--	73	82	90	91	97	96	95	96	92	80	75	97
1920	80	75	85	88	94	99	97	96	95	90	82	71	99
1921	76	80	88	88	95	--	100	100	100	90	86	82	100
1922	79	82	83	91	97	102	97	98	99	88	92	84	102
1923	80	83	82	90	94	98	96	98	96	97	80	79	98
1924	71	81	87	90	91	98	98	99	96	93	90	82	99
1925	72	77	86	95	95	97	99	101	105	91	82	80	105
1926	74	79	83	87	95	98	97	96	95	90	83	79	98
1927	85	85	85	88	94	95	96	96	102	96	88	82	102
1928	80	76	89	89	94	94	96	98	98	97	83	78	98
1929	84	76	90	88	96	97	97	97	95	88	85	80	97
1930	78	83	77	89	95	102	104	98	98	85	81	68	104
1931	76	73	76	85	90	101	99	98	102	--	89	83	101
1932	83	82	85	90	90	97	102	98	96	86	78	75	102
1933	78	81	83	85	96	101	98	98	99	90	91	85	101
1934	75	78	82	89	96	100	99	96	91	88	81	71	100
1935	80	77	85	89	92	97	98	104	95	91	90	68	104

ABSOLUTE HIGHEST TEMPERATURE BY MONTHS AND YEARS (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1936	78	80	90	90	95	101	106	101	98	91	87	76	106
1937	82	81	81	91	98	103	98	99	93	93	80	75	103
1938	78	80	85	89	93	97	100	105	98	96	89	76	105
1939	77	84	86	85	89	94	99	96	93	89	79	78	99
1940	67	76	81	87	92	93	97	97	95	86	80	73	97
1941	74	65	75	86	96	98	96	95	95	92	80	76	98
1942	73	75	82	91	91	93	100	93	94	87	82	80	100
1943	82	77	86	91	92	100	98	102	93	87	83	80	102
1944	79	83	82	86	94	101	98	95	94	88	81	76	101
1945	71	83	88	87	93	96	96	96	98	88	83	69	98
1946	76	76	87	88	88	92	92	92	90	89	84	81	92
1947	80	77	87	89	89	93	95	100	97	88	75	77	100
1948	75	84	87	88	95	97	97	97	96	83	84	78	97
1949	82	82	85	85	90	95	95	94	93	92	81	78	95
1950	83	84	84	87	94	99	98	98	95	90	89	79	99
1951	77	82	86	89	98	98	101	105	103	95	81	85	105
1952	81	81	87	89	95	103	107	100	96	94	85	77	107
1953	77	77	83	88	100	100	98	100	101	91	83	71	101
1954	79	79	89	90	95	108	102	105	105	100	81	78	108
1955	77	78	85	88	95	96	96	99	98	92	85	79	99
HIGHEST	85	85	92	95	100	108	107	105	105	100	92	85	108
YEAR	1927	1927	1907	1925	1953*	1954	1952	1954*	1954	1954	1922	1951*	1954

*Also on earlier dates

ABSOLUTE LOWEST TEMPERATURE BY MONTHS AND YEARS (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897	15	27	28	41	45	60	62	62	57	42	30	26	15
1898	17	22	30	32	43	62	62	65	62	33	26	19	17
1899	25	- 5	24	35	55	58	61	65	42	41	30	22	- 5
1900	17	14	29	33	50	60	61	67	56	51	31	--	14
1901	--	21	24	40	48	56	69	65	49	39	25	11	11
1902	21	21	30	39	56	59	65	67	47	36	29	16	16
1903	10	16	38	38	48	52	63	70	49	35	21	22	10
1904	22	32	38	36	50	59	61	64	55	33	31	24	22
1905	14	9	37	36	55	60	67	65	60	40	33	25	9

SELMA, ALABAMA

ABSOLUTE LOWEST TEMPERATURE BY MONTHS AND YEARS (°F.) -Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1906	20	25	27	37	41	62	65	68	66	32	24	20	20
1907	25	28	39	32	47	53	67	68	52	35	25	23	23
1908	20	18	34	37	38	60	65	60	42	36	24	27	18
1909	15	16	29	34	38	60	62	63	42	30	26	11	11
1910	16	20	24	32	42	51	59	64	49	29	29	21	16
1911	14	26	30	42	46	63	59	67	63	37	21	20	14
1912	16	19	30	41	47	60	67	66	60	40	26	25	16
1913	30	25	29	40	50	55	66	61	45	30	25	25	25
1914	24	23	26	30	48	67	66	68	50	29	18	17	17
1915	24	24	27	29	55	58	63	59	53	36	25	24	24
1916	20	19	26	36	50	54	67	60	43	31	23	19	19
1917	18	9	23	35	40	49	—	58	50	30	27	15	9
1918	10	27	40	32	44	61	61	60	45	47	35	24	10
1919	11	25	35	33	50	61	62	65	55	59	31	22	11
1920	20	21	21	34	52	61	66	64	45	34	26	24	20
1921	28	30	36	37	44	66	66	64	69	40	34	31	28
1922	27	29	29	44	56	64	63	64	59	43	31	33	27
1923	32	22	27	33	45	58	62	66	62	38	33	34	22
1924	11	28	30	37	48	64	61	66	49	39	27	25	11
1925	31	28	27	44	45	66	68	60	65	36	30	13	13
1926	28	30	25	31	50	58	60	71	65	39	29	26	25
1927	16	35	29	41	50	67	67	56	49	40	33	21	16
1928	13	22	33	38	48	61	69	70	49	44	29	25	13
1929	24	27	35	47	47	60	68	62	56	41	23	20	20
1930	17	29	30	44	53	53	64	63	58	36	28	27	17
1931	23	28	32	39	50	53	69	60	52	44	31	39	23
1932	32	34	21	42	50	64	70	71	58	40	31	29	21
1933	27	14	34	44	56	57	64	68	52	45	33	30	14
1934	19	23	27	42	55	65	68	68	56	42	32	18	18
1935	18	24	28	37	51	58	65	61	51	42	25	17	17
1936	17	20	33	35	54	54	64	60	56	37	22	28	17
1937	37	26	28	37	50	66	60	66	51	30	22	14	14
1938	20	25	31	34	49	61	66	65	47	36	20	24	20
1939	31	24	33	36	46	67	69	63	59	37	29	25	24
1940	9	25	31	29	44	51	62	63	46	43	20	28	9
1941	26	25	25	42	47	62	70	66	58	44	30	28	25
1942	14	24	30	35	48	63	68	60	44	33	30	27	14
1943	20	18	19	35	50	69	70	59	48	34	28	18	18
1944	21	23	30	33	40	58	62	66	59	38	32	21	21
1945	25	24	36	42	45	61	69	65	55	41	26	16	16

SELMA, ALABAMA

ABSOLUTE LOWEST TEMPERATURE BY MONTHS AND YEARS (°F.) - Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1946	24	27	34	43	49	56	69	57	55	39	34	30	24
1947	26	18	23	41	45	59	60	68	47	46	30	27	18
1948	12	29	29	43	49	60	67	58	—	34	33	25	12
1949	26	28	31	37	55	62	70	65	44	49	27	26	26
1950	30	30	31	32	59	57	59	60	55	45	13	22	13
1951	22	9	32	37	48	63	67	64	54	39	24	18	9
1952	25	31	34	35	44	63	66	57	53	27	27	22	22
1953	26	27	37	34	54	61	61	60	54	37	31	18	18
1954	27	26	28	40	42	53	69	64	58	30	23	24	24
1955	23	21	21	42	53	55	66	66	62	32	20	20	20
Lowest	9	- 5	19	29	38	49	59	57	42	27	13	11	- 5
Year	1940	1899	1943	1940	1909*	1917	1950*	1952*	1909*	1952	1950	1909*	1899

* Also on earlier dates

MONTHLY AND ANNUAL HEATING DEGREE DAYS
(Based on outdoor daily mean temperature of 65°)

Season	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1896-97	---	---	---	---	637	375	130	102	18	0	----
1897-98	0	25	254	490	439	472	182	159	11	0	2032
1898-99	0	166	428	571	536	657	241	150	0	0	2749
1899-00	8	38	244	551	578	537	334	88	2	0	2372
1900-01	0	22	229	---	---	555	---	---	16	0	----
1901-02	0	70	442	661	638	624	251	119	0	0	2805
1902-03	0	75	211	567	640	439	165	132	12	0	2241
1903-04	0	119	312	673	565	306	144	103	0	0	2222
1904-05	0	70	278	516	756	633	117	76	0	0	2446
1905-06	0	88	219	646	518	513	370	45	23	0	2422
1906-07	0	147	237	398	233	371	75	159	3	0	1623
1907-08	0	108	388	563	609	598	106	41	31	0	2444
1908-09	0	162	239	408	434	434	239	98	29	0	2043
1909-10	0	96	199	754	598	532	155	141	3	0	2478
1910-11	0	112	382	655	412	249	211	71	6	0	2728
1911-12	0	50	413	438	701	583	343	54	3	0	2585
1912-13	0	52	389	514	376	442	294	93	0	0	2160
1913-14	0	171	239	502	510	508	420	83	3	0	2436
1914-15	0	83	346	629	625	430	503	90	0	0	2706
1915-16	0	40	246	551	362	484	315	106	6	0	2110
1916-17	0	109	331	585	449	---	260	---	73	0	----
1917-18	0	192	367	719	---	---	99	140	19	0	----
1918-19	0	13	334	464	620	---	241	117	20	0	----
1919-20	0	0	261	542	570	587	433	134	7	0	2534

MONTHLY AND ANNUAL HEATING DEGREE DAYS - Continued
(Based on outdoor daily mean temperature of 65°)

Season	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
1920-21	0	92	439	639	465	440	124	131	58	0	2388
1921-22	0	120	239	446	---	322	335	65	1	0	----
1922-23	0	56	267	386	448	487	---	37	16	0	----
1923-24	0	116	436	---	---	---	477	110	51	0	----
1924-25	0	96	292	508	391	232	115	13	0	0	1647
1925-26	0	89	236	477	502	264	332	46	0	0	1946
1926-27	0	48	312	294	365	113	189	22	1	0	1344
1927-28	0	156	95	392	501	337	181	99	5	0	1766
1928-29	0	35	226	410	366	390	158	9	6	0	1600
1929-30	0	47	154	495	453	218	273	18	0	0	1658
1930-31	0	78	296	548	506	326	336	84	4	0	2178
1931-32	0	---	73	222	284	130	284	30	0	0	----
1932-33	0	44	306	354	301	335	192	58	0	0	1590
1933-34	0	11	193	166	309	444	221	69	0	0	1413
1934-35	0	14	186	327	607	368	131	53	0	0	1686
1935-36	0	21	277	654	488	446	141	91	0	0	2118
1936-37	0	41	260	389	178	400	294	84	3	0	1648
1937-38	0	112	362	487	436	215	95	102	1	0	1810
1938-39	2	69	289	371	364	272	131	94	7	0	1599
1939-40	0	56	298	402	865	494	262	91	23	0	2491
1940-41	9	35	254	321	455	521	368	20	5	0	1988
1941-42	0	12	293	390	592	507	260	31	2	0	2087
1942-43	22	30	197	432	---	135	92	65	0	0	----
1943-44	3	108	363	504	412	251	181	89	21	0	1932
1944-45	0	85	268	507	493	271	77	39	28	0	1768
1945-46	0	73	215	643	440	311	105	31	2	0	1820
1946-47	0	44	136	341	388	454	352	28	9	0	1752
1947-48	4	4	313	448	671	268	154	25	3	0	1890
1948-49	0	102	217	391	296	277	325	89	0	0	1697
1949-50	4	4	275	370	107	196	283	138	0	0	1377
1950-51	0	8	354	576	389	320	188	93	2	0	1930
1951-52	0	38	371	344	246	269	235	86	5	0	1594
1952-53	0	152	276	469	367	325	136	98	0	0	1823
1953-54	0	44	270	481	409	254	268	26	29	0	1781
1954-55	0	85	302	493	501	322	185	19	0	0	1907
MEAN	1	73	28	483	470	386	230	79	10	0	2013

SELMA, ALABAMA

FREEZE DATES AND LENGTH OF GROWING SEASON

YEAR	Last Spring Minimum of		First Fall Minimum of		Number of Days Between Dates	
	32° F. or Below	28° F. or Below	32° F. or Below	28° F. or Below	32°F. or Below	28° F. or Below
1897	28°-3-2	28°-3-2	32°-11-24	28°-12-6	267	---
1898	32°-4-6	23°-2-4	29°-11-23	27°-11-24	231	293
1899	31°-3-29	24°-3-8	32°-11-3	24°-12-6	219	273
1900	29°-3-17	27°-2-25	31°-11-10	---------	238	---
1901	32°-3-16	27°-3-8	29°-11-16	25°-11-17	245	254
1902	30°-3-19	26°-2-19	29°-11-28	26°-12-18	254	302
1903	30°-2-22	16°-2-18	23°-11-19	23°-11-19	270	274
1904	32°-2-12	28°-1-27	28°-11-28	28°-12-13	290	321
1905	20°-2-17	20°-2-17	32°-12-1	28°-12-4	287	290
1906	30°-3-22	27°-3-21	32°-10-30	24°-11-13	223	237
1907	32°-4-14	28°-2-6	29°-12-13	25°-12-14	243	311
1908	30°-2-29	28°-2-28	32°-11-7	24°-11-15	252	261
1909	31°-3-17	28°-2-26	30°-10-25	26°-11-19	222	266
1910	32°-4-26	26°-3-17	29°-10-29	27°-12-1	186	259
1911	32°-3-4	28°-2-26	26°-11-13	26°-11-13	254	260
1912	32°-3-11	28°-2-22	28°-11-3	28°-11-3	237	255
1913	30°-3-28	27°-2-16	30°-10-21	27°-11-10	207	267
1914	30°-4-10	27°-3-23	29°-10-28	26°-11-17	201	239
1915	29°-4-4	27°-3-24	28°-11-16	28°-11-16	226	237
1916	28°-3-17	28°-3-17	31°-10-22	26°-11-15	219	243
1917	31°-3-19	24°-3-6	30°-10-31	27°-11-25	226	264
1918	32°-4-12	27°-2-5	29°-12-2	28°-12-27	234	325
1919	29°-2-18	26°-2-11	31°-11-14	22°-12-15	269	307
1920	25°-3-9	25°-3-9	29°-11-13	26°-11-17	249	253
1921	32°-2-28	28°-1-10	31°-12-26	None	301	355
1922	32°-3-5	27°-1-2	31°-11-29	None	289	363
1923	27°-3-20	27°-3-20	None	None	296	286
1924	31°-3-15	28°-2-9	32°-11-25	27°-11-26	255	291
1925	27°-3-3	27°-3-3	30°-11-24	26°-12-24	266	296
1926	31°-4-1	25°-3-14	30°-11-11	26°-12-16	224	277
1927	31°-3-4	16°-1-16	26°-12-8	26°-12-8	279	326
1928	31°-2-27	22°-2-19	26°-11-26	25°-12-9	273	294
1929	27°-2-12	27°-2-12	23°-11-30	23°-11-30	291	291
1930	32°-3-4	28°-1-31	28°-11-27	28°-11-27	268	300
1931	32°-3-10	28°-2-11	31°-11-7	None	242	323
1932	29°-3-15	26°-3-13	31°-11-13	None	243	293
1933	26°-2-12	26°-2-12	32°-12-10	None	301	322
1934	31°-3-15	27°-3-11	32°-11-13	28°-12-9	243	273
1935	28°-3-1	28°-3-1	32°-11-21	26°-11-23	265	267

FREEZE DATES AND LENGTH OF GROWING SEASON - Continued

YEAR	Last Spring Minimum of		First Fall Minimum of		Number of Days Between Dates	
	32° F. or Below	28° F. or Below	32° F. or Below	28° F. or Below	32° F. or Below	28° F. or Below
1936	32°-2-22	24°-2-19	32°-11-16	26°-11-17	268	272
1937	32°-3-29	28°-3-2	30°-10-24	26°-11-18	209	261
1938	31°-3-1	25°-2-1	30°-11-9	26°-11-25	253	297
1939	29°-3-24	24°-3-23	30°-11-1	None	222	283
1940	29°-4-13	25°-2-3	32°-11-14	23°-11-15	215	286
1941	29°-3-18	25°-3-1	30°-11-9	28°-12-15	236	289
1942	30°-3-3	24°-2-19	30°-11-28	27°-12-17	270	301
1943	28°-3-8	28°-3-8	31°-11-10	28°-11-17	247	254
1944	30°-3-9	23°-2-13	32°-11-30	26°-12-2	266	292
1945	24°-2-1	24°-2-1	26°-11-24	26°-11-24	296	296
1946	32°-2-21	27°-2-1	32°-12-2	None	284	333
1947	23°-3-3	23°-3-3	32°-11-27	27°-12-1	269	273
1948	29°-3-13	22°-1-25	27°-12-26	27°-12-26	288	336
1949	31°-3-19	28°-2-1	32°-11-4	27°-11-19	230	291
1950	32°-4-7	None	26°-11-12	26°-11-12	219	316
1951	32°-3-16	22°-2-8	28°-11-3	28°-11-3	232	268
1952	31°-2-18	25°-1-30	32°-10-29	27°-10-30	254	274
1953	27°-2-18	27°-2-18	31°-11-10	27°-12-17	265	302
1954	31°-3-16	28°-3-4	30°-10-31	22°-11-3	229	244
1955	30°-3-29	21°-3-27	32°-10-26	20°-11-29	211	247
AVERAGE	March 12	Feb. 20	Nov. 17	Dec. 4	250	287
Latest in Spring	April 26 1910	Mar. 27 1955	- - - - -	- - - - -	---	---
Earliest in Fall	- - - - -	- - - - -	Oct. 21 1913	Oct. 30 1952		

SELMA, ALABAMA

HOT AND COLD PERIODS

Coldest winter of record, 1901-1902, mean temperature (December, January, February) 43.4°.

Warmest winter of record, 1931 - 1932, mean temperature (December, January, February), 59.1°.

Cold period of January 18 - 29, 1940:

Date	18	19	20	21	22	23	24	25	26	27	28	29
Max. Temp.	55	44	31	42	43	40	31	28	25	30	39	48
Min. Temp.	30	14	13	19	21	29	20	19	10	9	13	26

Cold period of February 7 - 16, 1899:

Date	7	8	9	10	11	12	13	14	15	16
Max. Temp.	52	29	31	40	39	47	19	18	35	40
Min. Temp.	28	17	22	25	22	10	- 5	- 3	7	28

Greatest Number of Consecutive Days with Temperature:

32° or below, 20, January 15 - February 3, 1940; 30° or below, 20, January 15 - February 3, 1940; 25° or below, 8, February 8 - 15, 1899; 20° or below, 7, December 15 - 21, 1901; 15° or below, 7, December 15 - 21, 1901.

Warmest summer of record, 1954, mean temperature (June, July, August), 84.6°.

Coolest summer of record, 1916, mean temperature (June, July, August), 78.2°. Also 78.2° in 1946.

Greatest Number of Days with Temperature:

90° or above, 72, July 3 - September 12, 1951; 95° or above, 30, June 25 - July 24 1902, and August 11 - September 9, 1951; 100° or above, 9, July 1-9, 1902, and August 11- 19, 1954.

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WET AND DRY PERIODS

Greatest number of consecutive days without measurable rainfall, 54 days, September 29 - November 22, 1924.

Greatest number of consecutive days with measurable rairfall, 12 days, January 13 - 24, 1917.

Greatest 24-hour snowfall, 5.0 inches in January, 1899 and 5.0 inches in February, 1901.

SELMA, ALABAMA

DROUGHTS

Percentage of Years With Periods of Less Than 0.10 Inch of Rain

PERIOD	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEAR
7 Days or Longer	81	67	74	95	95	88	72	84	97	97	91	84	100
10 Days or Longer	52	38	43	62	74	60	48	60	84	90	79	45	100
14 Days or Longer	17	16	17	26	43	33	21	29	62	74	47	12	100
21 Days or Longer	1	0	1	1	1	1	#	1	2	4	2	0	9

Less than 1%

The table above gives the percentage of years in which any month will have a period of 7, 10, 14, or 21 days or longer, in which not more than a tenth of an inch of rain falls in the period. For instance, 48% of the Julys will have periods of 10 days or longer in which not more than 0.10 inch will occur, and 74% of Octobers will have periods up to 14 days or longer. Under the "Year" column, notice that every year will get at least one period as long as 2 weeks without a tenth of an inch, while 9 of the years will get periods of 3 weeks or longer. This table shows October to be the driest month, followed in order by September, November, and May.

FREQUENCY OF STAGES (%)
(1890 - 1949)

Stage (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
-3.0 to 0.0	0	0	0	0	1	3	2	3	11	20	16	3	5
0.1 to 5.0	15	8	5	6	23	40	46	51	67	63	59	43	36
5.1 to 10.0	31	23	19	28	44	40	35	34	19	12	18	28	28
10.1 to 15.0	19	19	21	26	16	10	10	7	2	2	3	11	12
15.1 to 20.0	9	13	15	12	7	4	2	3	1	1	2	6	6
20.1 to 25.0	8	12	10	9	4	1	2	2	*	1	1	3	4
25.1 to 30.0	5	8	7	6	2	1	1	*	0	1	*	2	3
30.1 to 35.0	4	7	7	4	2	1	1	*	0	*	*	1	2
35.1 to 40.0	3	6	5	4	*	*	*	*	0	0	1	1	2
40.1 to 45.0	3	3	5	2	1	*	*	*	0	0	*	1	1
45.1 to 50.0	2	1	4	2	*	*	*	*	0	0	*	1	1
50.1 to 55.0	1	*	2	1	*	0	1	*	0	0	*	*	*
55.1 to 60.0	0	0	*	*	0	0	0	*	0	0	0	*	*
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100

* Less than one

Zero of river gage at Selma, Alabama, is 61.80 feet above mean sea level.

1890 - 1949

Dates of Crest Stages 45 ft. (flood stage) or Over

MONTH	DAY	YEAR	FEET
March	14	1891	48.0
January	19	1892	54.0
March	30	1892	48.5
February	17	1900	48.0
January	3	1902	46.6
April	2	1902	50.7
February	15	1903	50.6
March	24	1906	50.2
March	18	1909	52.9
March	20	1912	46.4
April	24,25	1912	48.6
March	19	1913	49.4
July	14,15	1916	53.9
March	8, 9	1917	50.1
December	26,27	1918	46.4
March	1	1919	48.0
March	13	1919	49.0
December	14	1919	55.9
January	30	1920	45.1
April	7	1920	48.8
March	14	1922	49.6
January	22,23	1925	53.6
April	27	1928	48.0
June	8	1928	45.4
March	19	1929	56.0
January	2	1933	50.7
January	12	1936	46.9
February	10	1936	53.3
April	14	1936	52.2
April	12	1938	55.3
August	19	1939	53.9
March	25	1943	52.6
April	3	1944	49.4
April	30	1944	50.5
January	11	1946	47.6
January	24	1947	50.4
December	3	1948	56.2
January	11	1949	45.8
April	3	1951	48.2

Highest water of record from high water marks was 57.0 feet on April 8, 1886.

Lowest stage of record was -3.0 feet on August 28-29, 1918.

TIME OF SUNRISE AT SELMA, ALABAMA (a.m., CST)

Latitude 32° 25' N. Longitude 87° 00' W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6:50	6:43	6:16	5:37	5:01	4:42	4:44	5:02	5:23	5:42	6:04	6:32
2	6:50	6:42	6:15	5:36	5:00	4:41	4:45	5:03	5:24	5:42	6:06	6:32
3	6:50	6:42	6:13	5:34	5:00	4:41	4:45	5:03	5:24	5:43	6:07	6:33
4	6:50	6:41	6:12	5:33	4:59	4:41	4:46	5:04	5:25	5:44	6:08	6:34
5	6:50	6:39	6:11	5:32	4:58	4:41	4:46	5:05	5:26	5:44	6:08	6:35
6	6:51	6:38	6:10	5:31	4:57	4:41	4:47	5:05	5:26	5:45	6:09	6:36
7	6:51	6:38	6:09	5:29	4:56	4:41	4:47	5:06	5:27	5:46	6:11	6:36
8	6:51	6:37	6:07	5:28	4:55	4:40	4:48	5:07	5:27	5:46	6:11	6:37
9	6:51	6:36	6:06	5:27	4:54	4:40	4:48	5:07	5:28	5:47	6:12	6:38
10	6:51	6:35	6:05	5:26	4:54	4:40	4:49	5:08	5:29	5:48	6:13	6:39
11	6:51	6:35	6:04	5:24	4:53	4:40	4:49	5:09	5:29	5:48	6:14	6:39
12	6:50	6:34	6:02	5:23	4:52	4:40	4:50	5:09	5:30	5:49	6:15	6:40
13	6:50	6:33	6:01	5:22	4:51	4:40	4:50	5:10	5:30	5:50	6:16	6:41
14	6:50	6:32	6:00	5:21	4:51	4:40	4:51	5:11	5:31	5:51	6:17	6:41
15	6:50	6:31	5:59	5:20	4:50	4:40	4:51	5:11	5:32	5:51	6:18	6:42
16	6:50	6:30	5:57	5:18	4:49	4:41	4:52	5:12	5:32	5:52	6:18	6:43
17	6:50	6:29	5:56	5:17	4:49	4:41	4:52	5:13	5:33	5:53	6:18	6:43
18	6:49	6:28	5:55	5:16	4:48	4:41	4:53	5:14	5:34	5:53	6:20	6:44
19	6:49	6:27	5:54	5:15	4:47	4:41	4:54	5:15	5:34	5:54	6:21	6:44
20	6:49	6:26	5:52	5:14	4:47	4:41	4:54	5:15	5:35	5:55	6:22	6:44
21	6:48	6:25	5:51	5:13	4:46	4:41	4:55	5:16	5:35	5:56	6:23	6:45
22	6:48	6:24	5:50	5:12	4:46	4:41	4:55	5:17	5:36	5:57	6:24	6:45
23	6:48	6:23	5:48	5:11	4:45	4:42	4:56	5:17	5:37	5:57	6:25	6:46
24	6:47	6:21	5:47	5:09	4:45	4:42	4:57	5:18	5:37	5:58	6:25	6:46
25	6:47	6:20	5:46	5:08	4:44	4:42	4:57	5:19	5:38	5:59	6:26	6:47
26	6:46	6:19	5:45	5:07	4:44	4:43	4:58	5:19	5:39	6:00	6:27	6:47
27	6:47	6:18	5:43	5:05	4:43	4:43	4:59	5:20	5:39	6:00	6:28	6:48
28	6:45	6:17	5:42	5:04	4:43	4:43	4:59	5:21	5:40	6:01	6:29	6:48
29	6:45		5:41	5:04	4:43	4:44	5:00	5:21	5:40	6:02	6:30	6:49
30	6:44		5:39	5:03	4:42	4:44	5:01	5:22	5:41	6:03	6:31	6:49
31	6:44		5:38		4:42		5:01	5:22		6:04		6:49

Sunrise and sunset are considered to occur when the upper edge of the disk of the sun appears to be exactly on the horizon, with normal atmospheric conditions, and at zero elevation above the earth's surface in a level region. Times of sunrise and sunset shown in the tables are valid for the remainder of the 20th century.

TIME OF SUNSET AT SELMA, ALABAMA (p.m., CST)

Latitude 32° 25' N. Longitude 87° 00' W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4:54	5:21	5:46	6:08	6:29	6:50	6:59	6:46	6:13	5:33	4:58	4:42
2	4:54	5:22	5:47	6:08	6:30	6:51	6:59	6:45	6:11	5:32	4:57	4:42
3	4:55	5:23	5:47	6:09	6:30	6:51	6:59	6:44	6:10	5:31	4:56	4:42
4	4:56	5:24	5:48	6:10	6:31	6:52	6:59	6:44	6:09	5:29	4:55	4:42
5	4:57	5:25	5:49	6:10	6:32	6:52	6:59	6:43	6:07	5:28	4:55	4:42
6	4:58	5:26	5:49	6:11	6:33	6:53	6:59	6:42	6:06	5:27	4:54	4:42
7	4:58	5:27	5:50	6:12	6:33	6:53	6:58	6:41	6:05	5:26	4:53	4:43
8	4:59	5:28	5:51	6:12	6:34	6:54	6:58	6:40	6:04	5:24	4:52	4:43
9	5:00	5:29	5:52	6:13	6:35	6:54	6:58	6:39	6:02	5:23	4:52	4:43
10	5:01	5:30	5:52	6:14	6:36	6:54	6:58	6:38	6:01	5:22	4:51	4:43
11	5:02	5:30	5:53	6:14	6:36	6:55	6:58	6:37	6:00	5:21	4:50	4:43
12	5:03	5:31	5:54	6:15	6:37	6:55	6:57	6:36	5:58	5:20	4:49	4:43
13	5:03	5:32	5:54	6:16	6:38	6:56	6:57	6:35	5:57	5:18	4:49	4:44
14	5:04	5:33	5:55	6:16	6:39	6:56	6:57	6:34	5:56	5:17	4:48	4:44
15	5:05	5:34	5:56	6:17	6:39	6:56	6:56	6:33	5:54	5:16	4:48	4:44
16	5:06	5:35	5:57	6:18	6:40	6:57	6:56	6:32	5:53	5:15	4:47	4:45
17	5:07	5:36	5:57	6:19	6:41	6:57	6:55	6:31	5:52	5:14	4:47	4:45
18	5:08	5:37	5:58	6:19	6:41	6:57	6:55	6:29	5:50	5:13	4:46	4:46
19	5:09	5:38	5:59	6:20	6:42	6:58	6:54	6:28	5:49	5:12	4:46	4:46
20	5:10	5:38	5:59	6:21	6:43	6:58	6:54	6:27	5:48	5:10	4:45	4:46
21	5:11	5:39	6:00	6:22	6:43	6:58	6:53	6:26	5:46	5:09	4:45	4:47
22	5:12	5:40	6:01	6:22	6:44	6:58	6:53	6:25	5:45	5:08	4:44	4:47
23	5:13	5:41	6:01	6:23	6:45	6:58	6:52	6:24	5:44	5:07	4:44	4:48
24	5:13	5:42	6:02	6:24	6:45	6:58	6:52	6:22	5:43	5:06	4:44	4:48
25	5:14	5:43	6:03	6:24	6:46	6:58	6:51	6:21	5:41	5:05	4:44	4:49
26	5:15	5:43	6:04	6:25	6:46	6:59	6:50	6:20	5:40	5:04	4:43	4:49
27	5:16	5:44	6:04	6:26	6:47	6:59	6:50	6:19	5:39	5:03	4:43	4:50
28	5:17	5:45	6:05	6:27	6:48	6:59	6:49	6:17	5:37	5:02	4:43	4:51
29	5:18		6:06	6:27	6:48	6:59	6:48	6:16	5:36	5:01	4:43	4:52
30	5:19		6:06	6:28	6:49	6:59	6:48	6:15	5:35	5:00	4:43	4:52
31	5:20		6:07		6:49	6:59	6:47	6:14		4:59	4:43	4:53

Sunrise and sunset are considered to occur when the upper edge of the disk of the sun appears to be exactly on the horizon, with normal atmospheric conditions, and at zero elevation above the earth's surface in a level region. Times of sunrise and sunset shown in the tables are valid for the remainder of the 20th century.

SELMA, ALABAMA

Latitude 32° 25' N. Longitude 87° 00' W.

TWILIGHT AND DAYLIGHT DURATIONS (Hours and Minutes)

DATE		Twilight			Daylight	DATE		Twilight			Daylight
		Civil	Nautical	Astro-nomical				Civil	Nautical	Astro-nomical	
January	1	0:27	0:57	1:27	10:04	July	1	0:28	1:03	1:41	14:15
January	15	0:27	0:57	1:26	10:15	July	15	0:28	1:01	1:38	14:05
February	1	0:26	0:55	1:24	10:38	August	1	0:27	0:59	1:33	13:44
February	15	0:25	0:54	1:22	11:02	August	15	0:26	0:57	1:29	13:21
March	1	0:25	0:53	1:21	11:29	September	1	0:25	0:54	1:25	12:50
March	15	0:24	0:53	1:21	11:57	September	15	0:25	0:53	1:22	12:23
April	1	0:25	0:54	1:23	12:31	October	1	0:24	0:53	1:21	11:51
April	15	0:25	0:55	1:26	12:58	October	15	0:25	0:53	1:21	11:24
May	1	0:26	0:57	1:30	13:27	November	1	0:25	0:54	1:23	10:53
May	15	0:27	0:59	1:34	13:49	November	15	0:26	0:55	1:24	10:31
June	1	0:28	1:02	1:39	14:08	December	1	0:27	0:57	1:26	10:10
June	15	0:28	1:03	1:40	14:16	December	15	0:27	0:58	1:27	10:02

Duration of daylight is the interval from sunrise to sunset.

Duration of Civil twilight is the interval in the evening from sunset until the time when the center of the Sun is 6° below the horizon; or the corresponding interval in the morning between sunrise and the time at which the Sun was still 6° below the horizon. Civil twilight is intended to cover the somewhat indefinite periods after sunset and before sunrise during which the natural illumination usually remains sufficient for ordinary out-door operations to be carried on; but actually the illumination during the interval when the Sun is less than 6° below the horizon varies greatly aacording to weather conditions, especially cloudiness and haze, and local surroundings.

Durations of nautical and astronomical twilight are, respectively, the intervals between sunrise or sunset and the times at which the center of the Sun is 12° and 18° below the horizon. The limits of astronomical twilight are the times at which complete darkness (aside from moonlight or starlight) begins in the evening and ends in the morning. Nautical twilight represents an intermediate stage of illumination.

The time at which evening twilight ends is given by adding the duration of twilight to the time of sunset; and the time at which morning twilight begins is obtained by subtracting the duration from the time of sunrise.

Prepared under the Direction of
Arthur R. Long, State Climatologist
Weather Bureau Office
Montgomery, Alabama

THE CLIMATE OF SELMA, ALABAMA

Situated approximately 140 air line miles north of the Gulf of Mexico, Selma has a climate bordering on the sub-tropical.

During the period June-September, temperature and humidity conditions are very steady with generally little change from day to day. In the coldest months (December, January and February) there are frequent shifts between mild air, which has been moistened and warmed by the sea, and dry, cool continental air. Hard freezes are infrequent and usually of short duration. Normally there is some growth of wild pasture grasses and weeds throughout the winter. The lower temperatures that occur here are more keenly felt than similar temperatures in the north, because of the physiological effects of the mild weather which usually prevails before the moving in of each little cold snap.

From late June through the first half of August, nearly all precipitation is from local, mostly afternoon, thundershowers, and there are apt to be considerable differences in day-to-day amounts of rainfall in different parts of the Selma area. In late August and in September, summer conditions of temperature and humidity persist as air continues to drift in from the gulf, but local thundershowers become less frequent because of the shortening of the days and the decrease in heat received from the sun. As this late summer period progresses, these local heat thundershowers give way to thundershowers which occur ahead of slight pre-autumn drops in temperature, and to occasional general rain associated with storms on the gulf.

Rains during October are nearly always showers or thundershowers occurring ahead of temperature drops, which become more frequent and more pronounced as winter approaches. The same is largely true of November.

All types and intensities of rain, excepting the heat thundershowers of summer, may occur at any time from December through March or early April. Floods in the rivers are most frequent during this period.

Most rain from late April through early June is in the form of thundershowers or showers occurring in advance of approaching cool waves, which become weaker, less pronounced, and less frequent as summer approaches. It is during this spring season, and during late summer and early autumn, that droughts sometimes occur.

Snow rarely falls in Selma.

Wind movement is normally light; strong winds seldom last long at a time, and dangerous winds are very rare.

Topography

The country is gently rolling, and there are no local topographic features that appreciably influence the general weather and climate.

Temperature

Average temperature for the entire year is 66.1. Seasonal averages are: Spring, 65.9°; Summer, 81.2°; Fall, 67.1°; and Winter, 50.3°. Lowest temperature on record is - 5° on February 13, 1899. Highest temperature of record is 108° on June 28, 1954.

The weather is mild during much of the year, and the winters are not severe. Summers are rather long and hot, but afternoon and evening warmth, from late June through the first half of August, is often relieved by thundershowers occurring in or near Selma. Cool air spreading out of a local thundershower is usually felt over a considerably larger area than that over which the rain falls.

On June 21st, the sun is vertically overhead at noon at the tropic of Cancer, (23° 27' N. Lat.) and has its greatest noon elevation at all latitudes north of the tropic and its least elevation in the Southern Hemisphere. On December 21st, the positions are reversed, and the angle which the sun's rays make with the horizon is least in northern latitudes and greatest from the tropic of Capricorn, (23° 27' S. Lat.), southward. These dates are the summer solstice and winter solstice, respectively, in the Northern Hemisphere. On account of Leap Year, these dates may occur on June 22d and December 22d in some years.

Since the sun's rays are more nearly perpendicular to the earth's surface in June, and the days are longer, in the Northern Hemisphere, more heat is received per unit area of the earth's surface on June 21st. Similarly, the sun's rays are more oblique, and the days are shorter in December, in the Northern Hemisphere, so less heat is received on December 21st per unit area of the earth's surface. However, owing to the retardation of absorption and radiation of heat by the earth's surface, the warmest month is normally July and the coldest is January.

Diurnal Temperature Fluctuations

The highest daily temperature normally occurs about the middle of the afternoon, usually about 3 p.m., for the year as a whole. Lowest daily temperature normally occurs about sunrise, or about 6 a.m. for the year as a whole. Heat transfer from the earth's surface to the immediately adjacent air layer is accomplished partly by conduction. This air layer then conducts heat to the next air layer above and so on. The first air layer exchanges heat with air layers by convection or turbulence. Vertical and horizontal transport of various quantities of air promotes the constant exchange of air near the earth's surface with air from different levels. The maximum radiation intensity is usually reached at noon when the sun's rays are most nearly perpendicular to the earth's surface, but the maximum air temperature lags behind for a few hours because heat is stored in the superficial layers of the ground from which it is slowly being released into the air. As the sun sets, the air temperature falls slowly, then more rapidly immediately after sunset. During the night, the cooling process slackens

but continues until shortly before sunrise. The temperature rises very rapidly during the first few hours after sunrise then the rise slackens considerably until the maximum is reached about the middle of the afternoon. The slowing down of the rise in temperature is due to the exchange of parcels of air between the earth's surface and the higher levels. The relatively cool descending air has to be heated anew.

Exposure of Thermometers

Weather Bureau thermometers are placed in a wooden shelter, with louvered sides to permit proper ventilation, with the thermometers some four or five feet above the ground (or roof). Temperatures thus measured are air temperatures which are the same in sunlight and shade. One feels cooler in the shade, not because the air is cooler, but because his body is no longer receiving and absorbing the powerful rays of the sun. A thermometer will absorb heat if exposed to the sun or radiation from any other surface, and it will record the temperature of its radiation-warmed bulb rather than the temperature of the air, unless it is properly exposed.

Heating Degree Days

Heating degree days are used in computing fuel requirements. The "base" for computing heating degree days is a mean daily temperature of 65°. These data are obtained by subtracting the mean daily temperature from the base, e.g., a mean daily temperature of 64° is one degree day. If the mean daily temperature is equal to or greater than 65°, there are no heating degree days. If the daily mean temperature continues below 65° for any length of time, heating will be necessary for human comfort.

Precipitation

Precipitation is rainfall and the water equivalent of hail, sleet, and snow. The climate of Selma is humid, having an average annual precipitation of 49.25 inches.

Of the total annual precipitation, 26% falls in the Spring, to insure ample moisture for the good growth of vegetation; 27% falls in Summer, to aid in the proper maturity of crops; 16% falls in Autumn, the lesser amount being very beneficial in the harvesting of crops; and 31% falls in Winter, to replenish the supply of subsoil moisture.

Experiments have proved that irrigation is profitable, even though the climate is humid and rainfall abundant. Experiments have shown that optimum growth of crops occurs with approximately 1 inch of rainfall per week during the growing season. Although the rainfall averages slightly more than 1" per week, an inch of rainfall does not occur each week. On an average records show that one period of 4 weeks with a total of 1" rainfall or less is likely to occur each year during the main growing season of March through August with another period occurring during the autumn. Periods of two weeks with a total of 1" or less of rainfall will occur on an average of 6 or 7 times from March through August. Drought periods occur regularly in the autumn and prevent many crops from being grown even though temperatures are mild and the growing season extends well into the autumn. Irrigation makes it possible to have profitable fall crops.

Hail and Sleet

Hail is caused by the freezing of raindrops as they are carried upward, by vertical currents, to an altitude where the temperature is below freezing. Hail storms are rather infrequent in the Selma area, averaging about 1 per year.

Sleet is caused by raindrops falling through air with temperatures below freezing on their way earthward. Sleet usually lasts for only a short period of time and is light. It occurs on an average of about once a year, during the colder months, and never reaches hazardous proportions in the Selma area.

Snowfall

Snow is caused by the sublimation of water vapor at temperatures below 32° F. only. Snowfall in the Selma area is important as a curiosity, averaging only 0.2 inch per year. Snow usually remains on the ground for only very brief periods.

Humidity

Relative humidity is the quantity of water vapor present expressed as a per cent of the quantity required for saturation at that temperature. Cold is more penetrating on a damp day than on a dry day because the moisture in the air makes the clothing a better heat conductor and this increases the loss of heat from the body. A humid, hot summer day is more oppressive than a dry, hot summer day, because the high relative humidity (greater percentage of moisture already in the air) reduces the evaporation of perspiration from the body thus retarding this cooling effect.

Average relative humidities are: Spring, 67%; Summer, 74%; Autumn, 71%; Winter, 73%; and Annual, 71%. The highest daily humidity usually occurs about the time of the lowest daily temperature, or about 6 a.m. for the entire year. The lowest daily humidity usually occurs about the time of the highest daily temperature, about the middle of the afternoon or about 3 p.m. for the year as a whole. The lowest monthly humidity occurs in May, 67%, and the highest in August, 76%.

Sunshine

May is the sunniest month, with approximately 75% of the possible sunshine; and January is the least sunny, with only about 50%.

Wind

Wind is the horizontal movement of the air. The average hourly velocity at Montgomery is 6.5 miles per hour and is approximately the same at Selma. The windiest month is March with an average velocity at Montgomery of 8.3 miles per hour.

Frosts and Growing Seasons

Frost is caused by the sublimation of water vapor at temperatures below 32° F. Dew is formed on the earth's surface, and objects near the ground, by the condensation of moisture upon the radiation-cooled objects. Since frost and dew do not fall from the clouds, but are formed at or very near the earth's surface, they are

not considered as precipitation. Although it is common practice to consider 32°F, as the freezing point of water, it would be more correct to consider it as the melting point of ice. Ice will melt at 32° F. regardless of the temperature at which the liquid froze. On the other hand, water has been known to remain in the liquid state at temperatures several degrees below 32° F.

Growing seasons, for certain types of vegetation, are determined by the number of days between the last day with a 32° temperature in Spring and the first day in Autumn. Hardier vegetation will grow at temperatures above 28°, and still other vegetation will grow at temperatures above 24°, and some at temperatures above 16°. It is generally considered that clovers in Alabama will be killed by temperatures at 16° or below.

FCP

The people of Selma and Dallas County are greatly indebted to the following public spirited citizens who contributed their time through the years to record the data which have been tabulated herein:

OBSERVER	PERIOD SERVED
W. C. Rosser	1887 - June, 1900
R. D. Bayne	June,1900 - Dec. 31, 1902
Mrs. Lillian M. Bayne	Jan. 1, 1903 - Oct. 31, 1903
Victor B. Atkins	Nov. 1, 1903 - Oct., 1904
A. J. Atkins	Nov.,1904 - March, 1905
Victor B. Atkins	April, 1905 - October, 1905
A. J. Atkins	Nov., 1905 - December, 1905
C. F. Brislin	January, 1906 - Sept. 30, 1939
E. H. Goldsmith	October 1, 1939 - Sept. 9, 1942
Wilmer C. Robinson	Sept, 10, 1942 - Sept. 27, 1948
John O. Rhodes	Sept. 28, 1948 - To date