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CLIMATOGRAPHY OF THE UNITED STATES

NUMBER 20-1

CLIMATOLOGICAL SUMMARY FOR CLANTON, ALABAMA [1896-1956]

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
U.S. WASHINGTON, D. C.
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Clanton
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CLANTON, ALABAMA — Elevation 580 Feet

AVERAGES AND COMPARATIVE DATA
(1896 - 1956)

Longitude 86° 38' W. — Latitude 32° 51' N.

MONTH	PRECIPITATION (Inches)												Snowfall (inches)		
														Avg. No. of Days With	
	Normal	Record Mean	Greatest 24-Hour Amounts	Year	Greatest 48-Hour Amounts	Year	Greatest 72-Hour Amounts	Year	Greatest Monthly	Year	Least Monthly	Year	Average	T or More	0.1 or More
January	5.38	5.07	4.95	1946	5.49	1947	5.70	1947	13.95	1936	0.64	1927	0.5	*	*
February	5.21	5.64	6.20	1899	6.20	1899	6.20	1899	12.27	1903	.39	1898	0.3	*	*
March	6.87	6.19	6.66	1951	7.82	1951	8.28	1929	18.38	1929	.57	1918	0.1	*	*
April	5.65	4.94	9.00	1938	11.79	1938	11.82	1938	16.61	1938	.53	1915	T	*	0
May	4.08	3.94	3.75	1946	3.75	1946	4.97	1946	8.44	1907	.10	1898	0	0	0
June	4.43	4.00	4.83	1928	5.23	1942	5.25	1942	11.87	1928	.27	1902	0	0	0
July	6.23	5.42	11.23	1916	16.88	1916	17.81	1916	27.08	1916	.56	1897	0	0	0
August	5.43	4.42	5.36	1939	9.46	1939	11.82	1939	18.22	1939	.52	1945	0	0	0
September	2.88	2.86	5.18	1917	6.81	1917	7.46	1917	10.33	1906	.00	1904	0	0	0
October	2.05	2.36	4.30	1902	5.11	1934	5.11	1934	7.16	1918	.00	1924	0	0	0
November	3.50	3.40	5.50	1929	6.08	1929	6.78	1929	16.49	1948	.30	1903	0.1	*	*
December	5.41	5.14	4.30	1919	7.62	1919	9.24	1919	10.54	1924	.84	1917	0.2	*	*
YEAR	57.12	53.38	11.23	July 1916	16.88	July 1916	17.81	July 1916	27.08	July 1916	.00	Oct 1924#	1.2	1	1

* Less than one day
\# Earlier years also

98420

CLANTON, ALABAMA — Elevation 580 Feet

AVERAGES AND COMPARATIVE DATA

Longitude 86° 38' W. — (1896 - 1956) — Latitude 32° 51' N.

MONTH	TEMPERATURE (°F.)													Average Hourly ø Relative Humidity (%)
	Average Daily Maximum	Average Daily Minimum	Average Daily Range	Record Mean	Normal	Record Highest	Year	Record Lowest	Year	Heating Degree Days	Average Hrly ø Dry Bulb	Average Hrly ø Wet Bulb	Average Hrly ø Dew Point	
January	57.3	36.3	21.0	46.8	48.1	84	1949	7	1928	563	51	47	44	77
February	59.2	37.3	21.9	48.3	49.3	82	1930#	- 9	1899	472	51	47	42	73
March	67.1	43.8	23.3	55.5	55.6	93	1929#	15	1943	318	58	52	48	69
April	75.0	50.7	24.3	62.9	63.3	94	1925	26	1940	121	65	58	54	70
May	83.2	58.9	24.3	71.1	72.1	100	1914	35	1908	17	73	65	60	68
June	90.3	66.6	23.7	78.5	79.7	106	1936	42	1956	*	79	71	68	70
July	91.2	69.2	22.0	80.2	81.0	108	1930	53	1926	0	80	72	70	75
August	90.9	68.7	22.2	79.8	80.2	105	1935#	53	1946#	0	80	73	70	74
September	87.2	63.4	23.8	75.3	75.4	110	1925	38	1908#	5	75	69	66	75
October	77.2	51.5	25.7	64.4	65.1	100	1904	24	1953	108	67	60	56	72
November	65.4	41.0	24.4	53.2	53.5	88	1935	8	1950	355	54	50	45	73
December	56.7	36.3	20.4	46.5	47.8	80	1951#	8	1925	580	48	45	41	76
YEAR	75.1	52.0	23.1	63.6	64.3	110	Sept. 1925	- 9	Feb. 1899	2539	65	59	55	73

* Less than one
\# Also in earlier years
ø Montgomery Data

CLANTON, ALABAMA

Elevation 580 Feet

FREQUENCY OF DAYS WITH:--
(1896 - 1956)

Longitude 86° 38' W.

Latitude 32° 51' N.

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 above	95° or above	100° or above	105° or above	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	10	8	7	5	3	2	*	0	0	0	0	13	10	5	2	1	*	*	0
February	9	8	7	6	4	2	*	0	0	0	0	10	8	3	1	*	*	*	*
March	9	8	7	6	4	2	1	*	0	0	0	5	3	1	*	*	0	0	0
April	8	7	6	5	3	2	*	*	0	0	0	1	*	0	0	0	0	0	0
May	8	7	6	5	3	1	*	6	1	*	0	0	0	0	0	0	0	0	0
June	9	8	7	5	3	1	*	18	7	1	*	0	0	0	0	0	0	0	0
July	12	10	8	6	4	1	*	20	8	1	*	0	0	0	0	0	0	0	0
August	10	8	7	4	3	1	*	20	7	1	*	0	0	0	0	0	0	0	0
September	7	6	4	3	2	1	*	12	4	*	*	0	0	0	0	0	0	0	0
October	5	5	4	3	2	1	*	1	*	*	0	1	*	*	0	0	0	0	0
November	7	6	5	3	2	1	*	0	0	0	0	7	5	2	*	*	*	0	0
December	10	8	7	5	3	2	*	0	0	0	0	13	10	4	1	*	*	0	0
YEAR	104	89	75	56	36	17	4	77	27	4	*	50	36	15	5	1	*	*	*

*Less than one

CLANTON, ALABAMA

MONTHLY AND ANNUAL PRECIPITATION (inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1893	3.18*	5.56	2.33	2.21	6.93*	3.68*	6.19*	5.72*	2.66	1.21*	2.65*	2.29*	44.61
1894	2.58*	6.98*	4.88*	4.81	2.16	2.65	1.89	8.19	.85*	2.96*	.73*	4.73*	43.41
1895	6.69*	3.56*	9.14*	3.99*	3.25	2.26	5.09	2.63	1.00	2.09	1.85	3.87	45.42
1896	6.42	4.53	6.11	4.92	5.87	6.67	4.01	1.60	.62	1.76	3.22	2.32	48.05
1897	3.58	7.42	7.57	1.39	.40	.37	.56	1.05	.70	.05	1.78	1.05	25.92
1898	.82	.39	2.15	2.98	.10	2.05	4.04	3.24	.66	2.54*	7.09*	3.69*	29.75
1899	1.75	9.39	1.79	3.98	1.73	1.69	6.59	2.82	1.47	1.71	1.22	6.13	40.27
1900	3.81	8.85	5.59	6.70	1.20	8.37	2.53	4.02*	4.88	6.30	5.16	3.44	60.85
1901	7.32	5.02	7.23	4.12	5.86	.86	4.55	5.18	2.95	.79	2.26	4.15	50.29
1902	7.60	7.24	9.80*	2.20*	4.89	.27	1.87	3.09	2.08	5.13	5.53	7.67	57.37
1903	3.23*	12.27*	5.37	2.56	5.72	5.54	5.04	1.67	2.00	1.50	.30	3.43	48.63
1904	5.08	6.39	1.05	2.19	1.54	1.90	6.15	11.11	.00	.02	1.30	2.75	39.48
1905	6.23*	6.72*	4.28*	3.89	5.99	1.45	3.08	5.34	.78	4.40	1.18	7.38	50.72
1906	4.41	2.85	15.07	.89	5.33	2.17	12.48	2.13	10.33	5.01	1.92	5.23	67.82
1907	2.06	5.08	3.76	5.14	8.44	4.14	3.90	3.82	3.16	1.17	8.06	7.85	56.58
1908	3.41	9.98	3.75	3.79	7.33	3.86	3.48	2.14	.56	1.55	2.75	4.08	46.68
1909	1.99	10.17	8.69	7.80	6.56	7.83	6.51	1.67	4.49	.72	1.65	4.97	63.05
1910	3.25	5.60	.65	3.59	4.07	5.95	8.54	2.38	2.54	4.00	2.09	4.63	47.29
1911	5.05	3.10	2.67	6.56	2.36	5.09	2.66	2.28	3.39	2.59	4.68	6.80	47.23
1912	7.90	6.40	9.90*	9.90	2.74	5.93	5.05	4.46	4.31	3.93	1.59	7.11	69.22
1913	8.36	4.54	7.55	2.47	2.62	4.67	7.10	3.13	4.90	2.57	.64	3.39	51.94
1914	1.48	4.30	7.10	4.58	.59	2.56	3.93	10.25	2.88	3.28	3.47	4.46	48.88
1915	5.47	4.82	3.68	.53	7.15	3.15	5.06	4.14	2.94	5.05	2.95	8.05	52.99
1916	3.03	5.83	4.18	2.06	4.66	2.27	27.08	2.21	1.36	1.23	2.89	4.20	61.00
1917	7.40	4.15	7.13	3.01	.61	3.26	5.34	8.63	8.65	1.36	1.52	.84	51.90
1918	8.72	1.82	.57	5.73	2.45	4.59	4.28	3.45	5.60	7.16	5.01	6.28	55.66
1919	5.08	6.02	9.18	5.06	6.67	2.27	7.70	6.06	.20	2.31	4.35	10.50	65.40
1920	8.73	5.15	8.26	7.66	3.66	4.22	3.58	4.55	1.23	.88	2.68	10.32	60.92
1921	2.95	6.10	5.34	7.38	.40	1.99	3.35	1.76	5.38	1.98	3.44	3.73	43.80
1922	7.79	6.78	8.09	5.30	5.92	4.17	5.65	1.91	2.43	2.14	3.16	5.02	58.36
1923	3.58	4.96	4.05	6.30	7.49	2.95	4.42	5.42	1.57	1.66	4.19	5.45	52.04
1924	8.05	3.13	2.47	6.21	3.76	5.01	3.33	1.29	1.92	.00	.32	10.54	46.03
1925	10.97	4.45	4.91	1.63	2.95	3.65	3.51	1.42	3.20	3.17	4.57	3.78	48.21
1926	10.24	6.20	5.01	2.87	2.75	6.10	5.34	6.88	4.41	3.31	4.54	5.36	63.01
1927	.64	7.83	4.67	1.19	2.37	3.78	4.99	4.16	2.24	1.12	4.89	5.74	43.62
1928	1.59	3.10	5.91	10.78	2.19	11.87	2.66	2.52	1.43	2.63	3.34	1.63	49.65
1929	6.68	9.90	18.38	4.76	5.52	3.97	2.75	2.89	6.23	5.79	13.95	3.03	83.85
1930	4.32	1.58	4.43	1.69	4.64	1.61	2.79	6.38	4.87	1.29	5.15	3.07	41.82

* Partly interpolated
Extremes are underscored

CLANTON, ALABAMA

MONTHLY AND ANNUAL PRECIPITATION (inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1931	3.30	3.01	3.20	2.68	6.11	1.99	4.06	3.47	3.35	.94	2.26	9.58	43.95
1932	9.85	3.99	3.65	2.52	3.26	5.34	5.47	5.96	3.26	5.09	3.90	10.05	62.34
1933	2.43	6.77	5.62	6.09	1.88	2.81	5.65	3.22	3.19	.83	1.13	2.38	42.00
1934	4.31	5.18	6.09	5.28	2.85	3.51	8.35	7.09	2.30	6.60	3.55	4.79	59.90
1935	3.51	4.00	6.11	4.08	3.45	3.56	4.08	5.49	1.87	1.43	3.09	4.80	45.47
1936	13.95	8.81	4.15	6.76	1.74	1.37	6.01	7.36	0.57	1.60	1.26	10.32	63.90
1937	9.05	5.88	4.95	7.99	6.48	3.41	3.53	3.94	2.77	6.29	3.85	2.35	60.49
1938	2.88	2.06	7.00	16.61	3.77	5.84	5.79	3.63	1.06	1.23	3.07	2.02	54.96
1939	3.97	8.74	6.88	1.92	5.32	5.28	5.96	18.22	3.19	0.16	.83	3.58	64.05
1940	6.42	6.69	6.26	2.58	5.33	7.31	15.04	3.60	1.11	2.22	2.59	6.08	65.23
1941	1.68	2.89	6.72	3.15	.19	5.82	11.86	3.82	2.53	.87	2.63	8.23	50.39
1942	3.49	4.15	9.31	1.71	2.04	8.83	5.98	5.96	3.76	2.29	1.93	6.97	56.42
1943	3.36	1.40	8.86	6.17	3.57	3.18	5.73	4.29	2.21	.95	3.60	3.35	46.67
1944	3.65	7.99	8.31	9.24	3.87	3.69	2.35	3.93	3.20	.39	4.04	2.96	53.62
1945	3.55	9.98	5.36	15.05	3.82	2.79	4.33	.52	4.98	3.81	3.08	6.75	64.02
1946	8.84	5.84	8.88	2.01	8.78	5.75	5.74	6.20	6.56	.96	3.54	2.24	65.34
1947	13.20	2.86	5.16	7.23	7.57	9.04	4.88	3.15	.77	1.69	9.80	3.82	69.17
1948	4.69	5.81	13.39	3.06	1.78	4.26	6.14	6.66	3.07	1.36	16.49	4.28	70.99
1949	5.48	6.99	5.64	7.80	4.34	6.42	7.54	5.31	1.76	1.64	.60	4.84	58.36
1950	2.36	5.21	5.76	3.38	5.18	2.78	12.10	7.26	3.91	1.74	.84	4.37	54.89
1951	3.75	2.29	11.26	5.99	1.76	4.02	4.09	6.64	5.65	1.40	2.19	8.77	57.81
1952	4.60	4.02	8.64	2.92	6.60	.46	2.37	3.78	2.31	1.65	2.81	6.57	46.73
1953	6.32	8.63	3.64	9.70	3.53	3.31	3.44	1.45	4.60	.39	2.82	8.79	56.62
1954	2.40	3.75	4.43	3.65	1.31	2.62	2.54	2.10	.38	1.79	3.40	4.90	33.27
1955	4.38	6.20	4.20	10.61	6.24	4.93	5.33	6.34	1.52	2.04	3.73	2.26	57.78
1956	1.58	9.42	10.13	4.86	2.65	2.59	1.71	1.90	2.19	5.21	2.24	4.72	49.20
MEANS	5.07	5.64	6.19	4.94	3.94	4.00	5.42	4.42	2.86	2.36	3.40	5.14	53.38

* Partly Interpolated

Extremes are underscored

CLANTON, ALABAMA

GREATEST PRECIPITATION IN 24-HOURS BY MONTHS AND YEARS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	2.00	1.48	2.28	1.76	1.86	2.27	1.49	.60	.52	.82	1.90	1.08	2.28
1897	1.70	2.36	2.10	.40	.38	.32	.32	.31	.50	.05	1.64	.30	2.36
1898	.20	.10	1.48	1.50	.10	1.05	1.08	1.30	.40	----	----	----	----
1899	.40	6.20	.50	1.60	----	.80	1.60	1.45	1.47	.92	.76	3.00	6.20
1900	1.16	1.84	1.97	1.94	.40	2.06	.85	----	2.30	2.00	1.72	1.30	2.30
1901	2.00	2.85	4.02	1.92	2.36	.51	2.68	1.65	1.05	.64	1.51	2.00	4.02
1902	2.10	4.43	----	----	1.80	.10	.85	1.07	.53	4.30	1.55	3.20	----
1903	----	----	----	1.37	1.60	2.03	1.90	.72	1.50	.72	.25	1.17	----
1904	1.50	1.60	.70	1.10	.60	.81	2.40	4.30	.00	.02	.75	1.00	4.30
1905	----	----	----	.95	3.40	.42	1.65	.99	.37	1.50	.36	2.85	----
1906	1.28	.80	6.28	.48	1.83	.60	2.55	1.00	4.30	1.42	1.10	1.93	6.28
1907	.95	1.28	1.96	1.10	2.65	1.70	1.60	1.10	1.40	.45	2.35	2.63	2.65
1908	1.00	2.34	2.30	1.75	2.30	1.48	1.27	1.10	.25	.85	1.33	1.45	2.34
1909	.60	2.45	2.70	2.44	1.47	2.10	2.60	.75	1.22	.35	.90	1.36	2.70
1910	1.18	1.40	.36	2.54	1.30	1.94	1.70	1.30	1.28	1.35	.95	1.42	2.54
1911	3.10	.82	1.24	1.54	1.10	1.36	.42	.82	1.40	.76	1.23	2.05	3.10
1912	3.51	1.90	----	3.10	1.10	3.50	.80	.85	2.10	2.82	.90	1.74	3.51
1913	2.29	1.53	1.88	.99	1.47	1.57	1.57	2.00	1.05	1.55	.50	1.06	2.29
1914	.51	1.09	3.81	1.87	.27	1.29	1.51	2.65	.76	1.85	1.40	1.25	3.81
1915	1.42	2.26	2.21	.47	2.60	1.21	1.63	1.08	2.02	1.37	1.09	3.73	3.73
1916	1.10	2.10	2.85	.86	1.19	.99	11.23	1.00	.61	.98	1.20	.99	11.23
1917	1.20	1.05	1.78	1.34	.56	1.49	1.34	2.30	5.18	.97	.66	.48	5.18
1918	2.00	.62	.29	1.98	1.62	1.90	.88	1.25	2.96	2.80	2.15	2.00	2.96
1919	1.58	3.10	2.67	4.07	2.43	.55	1.66	1.78	.20	.81	2.07	4.30	4.30
1920	2.55	2.40	1.50	2.63	.63	1.11	.93	1.72	.50	.76	1.25	3.29	3.29
1921	1.41	1.41	1.40	2.78	.16	.78	.82	.60	1.45	1.14	1.51	1.40	2.78
1922	1.66	2.05	1.93	2.50	1.68	1.66	1.90	1.05	2.10	.94	2.40	1.50	2.50
1923	1.10	2.20	1.47	2.16	1.60	1.30	1.28	1.51	.64	1.10	2.20	1.88	2.20
1924	2.42	1.17	1.08	1.38	1.15	2.06	1.12	.69	.46	.00	.21	3.74	3.74
1925	3.49	1.26	3.40	.90	1.15	2.03	1.27	.52	2.28	.82	1.27	1.72	3.49
1926	2.87	1.87	2.37	1.00	1.13	3.39	1.52	1.40	1.15	1.12	1.34	1.15	3.39
1927	.39	4.20	1.05	.40	1.31	.88	2.13	1.17	1.03	.64	2.33	1.30	4.20
1928	1.29	1.13	1.97	2.03	.60	4.83	1.09	.62	.96	.68	2.81	.49	4.83
1929	1.66	1.95	3.91	1.68	1.71	1.00	.57	1.47	1.87	2.17	5.50	.88	5.50
1930	.96	.78	1.40	.98	2.75	.72	.74	2.35	1.38	.68	1.84	.85	2.75
1931	1.09	.75	.92	1.16	1.80	1.01	1.15	1.40	3.02	.92	1.53	1.79	3.02
1932	3.80	1.58	1.91	1.30	1.67	1.60	1.02	1.80	1.00	2.92	1.81	1.67	3.80
1933	1.40	1.95	3.40	1.81	.79	.57	2.02	.85	2.25	.25	.86	.77	3.40
1934	1.90	1.94	2.12	1.51	1.21	1.38	1.76	1.73	1.39	4.13	1.76	2.25	4.13
1935	1.52	1.19	1.33	1.24	2.57	1.19	2.20	2.35	1.60	.90	1.32	2.16	2.57

CLANTON, 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
1936	4.64	4.87	1.29	1.68	.73	.77	1.63	4.14	.14	.95	.36	2.51	4.87
1937	1.47	2.20	1.71	3.22	1.80	1.57	1.10	1.04	2.31	2.14	1.80	.86	3.22
1938	1.36	1.29	2.99	9.00	1.12	1.77	1.28	1.10	.69	.85	1.40	.71	9.00
1939	.92	2.10	2.77	.58	1.15	1.57	2.05	5.36	1.28	.12	.31	1.55	5.36
1940	3.28	2.18	2.01	1.32	1.58	1.54	7.14	1.56	.75	.97	.75	1.41	7.14
1941	.35	.80	2.33	.80	.09	1.40	2.87	1.37	.73	.27	1.30	2.82	2.87
1942	1.15	1.72	4.33	.95	1.16	4.61	1.92	1.23	1.16	.71	1.22	3.41	4.61
1943	.83	.79	3.22	2.95	1.45	1.07	1.75	1.08	.80	.63	3.10	1.91	3.22
1944	2.29	1.36	2.32	3.04	1.80	1.62	.72	1.83	1.65	.39	1.54	1.75	3.04
1945	1.43	3.24	2.38	7.07	2.28	1.10	1.20	.26	2.01	1.30	.98	2.97	7.07
1946	4.95	1.62	2.90	1.02	3.75	2.50	2.35	2.33	2.77	.73	1.01	1.08	4.95
1947	3.55	2.29	1.51	2.30	2.11	1.47	2.54	1.00	.25	.76	3.21	1.18	3.55
1948	1.07	2.28	4.63	1.30	.49	2.31	2.19	2.18	1.41	.79	3.97	.87	4.63
1949	2.08	1.92	1.37	3.17	2.19	2.61	2.20	1.46	.69	.97	.34	.90	3.17
1950	.85	2.00	.98	1.85	1.53	1.17	3.33	2.57	1.77	.76	.47	1.53	3.33
1951	.88	.57	6.66	1.81	.74	1.24	1.25	2.61	1.17	.44	1.17	2.67	6.66
1952	1.42	.82	3.03	1.41	2.09	.27	.86	1.71	.92	1.62	1.20	2.21	3.03
1953	1.48	1.69	1.04	2.81	1.14	.96	.78	.68	2.40	.24	1.00	2.50	2.81
1954	1.03	.95	1.37	1.70	.38	1.50	1.02	.92	.27	.81	1.68	2.10	2.10
1955	1.00	1.90	3.15	2.50	2.00	1.73	1.55	1.92	1.30	.86	1.30	1.10	3.15
1956	1.01	2.07	4.70	2.42	.76	.75	.41	.85	1.60	2.25	1.13	1.53	4.70
Greatest	4.95	6.20	6.66	9.00	3.75	4.83	11.23	5.36	5.18	4.30	5.50	4.30	11.23
YEAR	1946	1899	1951	1938	1946	1928	1916	1939	1917	1902	1929	1919	July 1916

CLANTON, ALABAMA

DRY PERIODS

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	66	78	90	95	92	81	89	95	98	94	85	100
10 DAYS OR LONGER	51	37	44	66	73	61	40	58	82	84	74	46	100
14 DAYS OR LONGER	24	10	15	27	54	27	15	24	55	68	45	15	100
21 DAYS OR LONGER	3	0	3	3	19	2	0	6	16	29	18	2	67

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, 40% of the Julys will have periods of 10 days or longer in which not more than 0.10 inch will occur, and 68% 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 67% of the years will get periods of 3 weeks or longer. This table shows the **driest** month to be October, followed in order by September and May.

CLANTON, ALABAMA

MONTHLY AND ANNUAL MEAN TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	44.0	48.5	53.5	68.0	75.0	76.2	80.3	81.8	76.0	63.2	56.7	47.0	64.2
1897	44.4	52.4	60.7	61.4	67.8	80.8	80.8	78.2	64.1	65.6	54.0	48.8	64.2
1898	48.7	46.0	59.2	58.2	72.9	79.9	79.4	77.1	74.1	60.8	50.1	43.2	62.4
1899	44.0	41.6	56.1	----	----	80.1	79.4	79.7	71.6	65.2	55.1	45.7	----
1900	42.9	43.4	52.0	63.4	69.6	74.2	77.5	----	75.0	67.3	54.0	45.7	----
1901	46.4	44.0	53.8	57.5	69.2	76.9	80.2	77.2	70.6	61.1	47.7	40.2	60.4
1902	43.3	41.3	53.8	61.4	73.7	80.7	81.9	81.4	72.4	60.4	55.4	43.6	62.4
1903	----	----	----	58.2	67.5	72.0	78.2	81.2	73.8	63.3	52.2	40.6	----
1904	44.0	49.8	59.4	61.4	70.0	78.0	78.0	76.9	76.1	65.4	54.8	45.9	63.3
1905	----	----	----	62.7	74.2	79.2	79.5	78.2	75.8	63.2	55.8	43.2	----
1906	46.8	45.4	50.8	64.4	68.2	78.2	78.6	79.8	78.0	60.9	55.8	50.8	63.2
1907	54.2	49.0	65.0	58.4	68.0	75.4	80.7	80.0	74.8	63.0	51.4	45.8	63.8
1908	44.3	43.3	63.0	66.9	71.0	77.1	80.1	80.0	75.0	60.1	57.8	51.2	64.2
1909	50.2	50.0	56.3	63.0	67.8	78.0	80.1	81.0	75.6	63.2	58.9	41.6	63.8
1910	46.0	46.6	61.1	61.4	69.0	75.4	78.4	79.6	77.4	66.2	51.8	42.7	63.0
1911	50.9	55.2	58.0	63.4	71.8	80.0	77.6	78.6	79.6	68.8	49.6	48.4	65.2
1912	41.3	43.6	----	63.9	71.7	75.6	79.7	79.2	76.7	65.4	49.6	46.7	----
1913	50.5	46.4	54.2	60.5	70.6	77.2	80.4	79.8	72.5	60.0	55.5	47.5	63.0
1914	46.1	43.9	49.8	62.9	70.8	83.0	81.4	78.8	72.5	63.4	51.6	43.4	62.3
1915	42.6	47.2	46.0	64.2	74.0	78.2	80.2	79.1	76.2	66.5	55.8	45.1	63.0
1916	51.0	45.4	52.8	61.0	72.6	77.8	78.5	80.4	74.4	64.6	53.3	46.3	63.3
1917	49.4	47.2	56.0	63.3	65.5	78.0	79.8	78.2	73.0	57.2	50.6	39.5	61.5
1918	37.8	52.6	61.4	60.5	73.1	79.4	77.5	80.3	70.2	68.6	53.6	50.0	63.8
1919	44.8	47.4	56.8	62.8	69.2	78.6	79.8	79.4	75.7	75.5	56.6	46.9	64.5
1920	47.3	44.6	50.4	62.8	70.0	76.8	79.9	78.2	77.5	64.0	50.0	44.2	62.2
1921	49.7	49.1	63.4	62.3	70.4	80.6	81.9	81.2	81.6	62.0	57.8	50.0	65.8
1922	46.4	53.3	54.6	67.4	72.2	79.0	80.2	79.5	78.1	65.8	56.9	52.5	65.5
1923	50.4	46.6	52.6	63.4	69.2	77.3	78.6	79.1	75.9	63.2	50.2	----	----
1924	----	45.0	49.4	62.0	66.7	80.0	79.7	81.6	71.8	62.8	54.8	50.0	----
1925	47.0	51.4	56.8	67.2	69.0	80.8	82.0	79.6	82.4	64.0	51.3	43.8	64.6
1926	43.6	49.1	48.2	59.8	69.8	77.8	78.6	81.0	79.2	65.1	49.4	49.4	62.6
1927	47.8	57.4	55.4	67.0	72.3	78.8	81.6	78.6	77.0	65.4	58.3	45.2	65.4
1928	43.6	46.3	54.0	58.5	68.6	76.2	80.8	81.6	73.0	66.4	51.5	44.8	62.1
1929	47.7	44.3	57.9	66.0	70.6	76.5	79.4	80.1	73.4	61.0	53.0	43.4	62.8
1930	43.6	51.7	50.3	63.8	71.4	75.6	83.5	78.5	75.6	60.0	51.0	41.6	62.3
1931	42.1	46.3	47.4	59.2	66.4	78.5	81.0	76.9	77.4	64.6	57.0	53.6	62.6
1932	51.4	56.6	50.6	64.3	69.7	80.0	83.6	79.6	75.0	61.2	48.8	49.3	64.2
1933	50.6	46.8	54.4	61.9	77.2	79.6	79.4	80.4	79.6	66.4	54.4	56.4	65.6
1934	49.4	44.6	54.8	64.9	71.6	80.8	82.2	81.1	75.2	66.4	56.4	46.0	64.5
1935	47.9	49.6	62.1	64.8	73.6	78.4	81.6	81.9	74.8	67.4	56.0	40.0	64.9

CLANTON, ALABAMA

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

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1936	44.4	45.8	59.4	61.5	73.4	83.5	82.2	81.2	78.8	67.5	53.8	50.3	65.2
1937	58.6	48.6	53.8	63.8	73.2	81.6	80.8	82.0	74.6	62.7	51.2	47.0	64.9
1938	47.4	55.0	63.3	63.5	73.9	78.4	81.1	82.1	75.4	66.2	55.4	46.6	65.7
1939	50.0	52.6	59.2	62.8	71.4	80.1	81.8	78.7	77.5	66.6	52.4	49.4	65.2
1940	34.0	45.0	54.8	61.8	69.0	77.6	79.2	81.0	73.6	65.8	54.4	50.6	62.3
1941	47.8	43.6	50.1	65.7	74.6	79.4	81.4	81.4	78.6	71.8	53.4	49.9	64.9
1942	44.4	44.4	54.6	64.6	71.7	78.8	81.6	78.4	73.3	65.0	56.6	48.4	63.5
1943	49.6	50.2	53.7	63.8	74.1	81.4	81.6	82.2	72.1	61.4	51.6	46.4	64.0
1944	46.6	54.6	57.2	62.5	73.6	81.3	80.8	80.2	76.6	64.2	54.5	46.1	64.9
1945	46.7	52.2	64.8	66.7	70.2	80.6	81.2	80.8	78.2	63.2	56.8	42.0	65.3
1946	48.1	51.0	60.6	67.2	71.1	76.5	79.4	77.6	72.2	64.0	59.8	51.1	64.9
1947	50.0	42.2	50.0	64.7	70.4	77.1	77.4	80.7	77.8	69.5	52.0	48.1	63.4
1948	39.6	51.2	58.6	66.5	71.6	79.5	80.8	78.3	----	60.2	54.8	49.4	----
1949	53.1	52.3	52.8	61.6	73.1	79.1	81.0	79.5	73.0	69.4	50.7	46.8	64.4
1950	59.3	53.0	52.1	58.9	74.5	78.7	79.0	77.6	72.0	65.5	47.5	40.2	63.2
1951	45.6	48.2	56.2	61.1	70.6	79.9	81.6	81.5	76.1	65.1	47.9	48.4	63.5
1952	52.1	49.9	52.7	60.9	72.2	83.6	84.1	80.4	72.2	57.9	51.0	44.6	63.4
1953	48.1	47.5	57.5	60.0	74.1	81.1	80.2	80.1	74.6	63.8	50.9	43.0	63.4
1954	45.2	49.9	52.3	66.6	65.0	77.6	81.9	82.1	75.9	63.8	48.7	42.6	62.6
1955	42.5	46.1	56.7	63.9	71.7	71.1	78.6	79.3	75.5	60.9	50.7	44.4	61.8
1956	41.0	52.0	53.1	59.9	71.9	75.2	79.7	79.9	71.4	63.4	48.8	52.3	62.4
MEANS	46.8	48.3	55.5	62.9	71.1	78.5	80.2	79.8	75.3	64.4	53.2	46.5	63.6

Extremes are underscored.

MONTHLY AND ANNUAL MEAN MAXIMUM TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	52.4	58.5	63.1	78.5	84.7	84.3	88.8	91.4	87.5	74.3	67.2	56.2	73.9
1897	53.1	61.4	69.0	72.0	79.4	92.7	90.1	87.0	85.7	78.3	65.4	55.8	74.2
1898	57.3	56.3	68.6	69.4	85.7	90.4	87.8	84.5	82.4	69.9	59.3	52.6	72.0
1899	53.0	51.3	66.8	----	----	91.8	88.4	88.8	82.9	75.1	65.3	55.0	----
1900	52.6	54.9	62.7	74.3	81.5	80.7	84.7	----	84.0	74.5	63.1	55.2	----
1901	55.9	52.5	63.8	68.0	80.4	85.7	88.9	85.0	79.7	72.7	58.7	50.3	70.1

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1902	53.7	50.9	63.4	73.5	82.9	91.1	92.0	91.2	81.9	70.5	65.1	52.5	72.4
1903	----	----	----	69.7	76.5	81.1	86.5	92.4	87.2	77.4	64.8	54.4	----
1904	56.9	62.0	74.6	75.4	83.9	91.8	91.5	88.2	91.9	81.8	68.0	56.4	76.9
1905	----	----	----	73.7	85.0	92.0	91.2	88.0	88.5	73.1	67.9	52.2	----
1906	56.8	57.7	60.7	78.3	79.3	89.9	89.0	90.9	88.3	72.5	69.2	60.2	74.4
1907	64.6	60.1	77.5	69.8	78.8	88.1	92.6	92.4	86.4	77.4	63.1	55.0	75.5
1908	54.8	53.0	74.5	77.7	83.5	90.8	92.7	93.5	88.3	75.5	69.4	60.6	76.2
1909	59.3	60.9	66.2	74.3	78.9	88.4	90.5	92.5	87.1	78.2	73.2	50.8	75.0
1910	56.3	56.6	75.6	74.2	81.5	85.7	87.5	90.8	89.8	78.6	63.3	52.8	74.4
1911	60.8	64.7	70.2	73.1	85.2	92.7	87.8	89.3	91.9	79.9	59.8	57.4	76.1
1912	50.9	54.2	----	75.6	85.0	86.3	89.9	90.3	87.0	77.5	64.2	56.4	----
1913	61.3	58.3	66.5	73.2	83.5	90.1	91.0	92.0	82.6	73.0	69.3	56.3	74.8
1914	57.4	55.1	61.5	75.0	84.4	95.6	92.7	88.1	82.8	73.6	65.0	50.7	73.5
1915	52.9	57.1	57.6	79.1	85.2	90.0	91.6	89.6	88.5	77.7	68.9	56.4	74.6
1916	61.8	57.5	65.3	73.0	85.5	89.6	86.4	91.5	86.6	77.8	67.0	57.4	75.0
1917	59.2	58.8	68.0	76.7	79.1	91.0	90.2	88.7	83.8	71.2	64.3	49.7	73.4
1918	48.3	64.6	73.1	71.5	86.0	91.6	89.3	92.3	82.4	77.2	65.3	59.1	75.1
1919	56.6	57.7	69.6	76.3	79.2	89.1	89.9	89.3	89.0	85.9	68.5	57.8	75.7
1920	56.5	54.0	62.5	73.5	80.3	88.5	90.2	88.0	88.9	79.7	63.4	54.5	73.3
1921	61.0	60.9	75.6	74.6	82.4	93.2	93.2	92.8	93.8	76.1	69.7	61.9	77.9
1922	55.3	63.5	65.3	78.3	81.9	90.4	91.1	91.0	91.6	77.5	68.9	62.0	76.4
1923	62.2	57.1	64.7	74.5	78.6	87.7	89.0	88.1	87.4	75.7	62.1	----	----
1924	----	54.9	60.4	73.1	77.9	91.8	92.7	95.5	82.8	79.0	69.4	56.9	----
1925	56.0	63.0	70.2	81.1	82.5	93.7	95.1	92.9	96.3	75.5	62.9	55.1	77.0
1926	53.7	60.8	59.3	74.6	83.4	89.8	90.4	91.5	89.9	77.7	61.6	60.6	74.4
1927	60.1	68.4	66.5	79.3	85.1	89.7	93.9	91.5	91.3	81.4	70.8	55.9	77.8
1928	55.7	58.1	65.6	70.2	81.5	86.1	91.9	93.1	85.6	79.1	63.7	57.5	74.0
1929	59.4	54.5	69.6	77.9	81.0	87.6	90.8	93.5	83.3	72.5	60.2	56.0	73.9
1930	53.5	65.0	61.7	78.1	83.4	89.8	97.8	91.3	85.7	71.5	60.8	51.2	74.2
1931	54.5	59.5	59.7	72.4	79.3	93.4	92.7	89.2	90.8	78.6	71.0	61.7	75.2
1932	61.7	67.3	63.2	78.1	81.7	91.7	94.9	88.7	85.5	73.8	59.6	57.9	75.3
1933	60.7	56.0	67.3	73.3	89.8	93.4	89.4	91.2	93.2	79.0	66.5	67.2	77.3
1934	58.2	56.3	67.4	77.5	82.0	92.4	93.0	91.3	88.1	78.4	68.3	55.5	75.7
1935	58.1	60.9	73.8	75.7	86.3	91.5	93.6	92.9	86.8	81.8	66.8	49.3	76.5
1936	54.7	55.9	71.1	72.6	86.5	99.7	93.8	92.4	90.9	79.9	66.4	59.5	77.0
1937	65.9	59.1	66.3	77.8	86.0	94.2	93.2	93.8	86.4	73.4	61.8	57.4	76.3
1938	57.8	66.4	74.9	75.4	86.4	90.6	91.6	94.5	88.9	81.6	68.9	57.5	77.9
1939	61.0	63.7	71.7	76.3	83.6	90.7	93.5	88.7	89.1	80.7	65.7	61.5	77.2
1940	44.3	54.1	66.7	72.6	83.3	89.0	89.0	92.1	88.0	81.9	65.6	59.7	73.9
1941	59.2	53.4	61.1	77.8	89.3	90.4	91.7	92.5	90.4	84.3	66.9	60.5	76.5

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1942	56.9	54.3	65.9	78.8	85.3	89.9	92.5	88.7	85.1	78.3	69.7	58.7	75.3
1943	60.6	62.9	64.4	76.5	86.9	94.2	93.1	94.9	84.3	76.1	66.5	56.3	76.4
1944	57.3	64.0	68.9	73.9	87.4	94.6	94.1	90.8	87.5	80.7	66.1	56.7	76.8
1945	57.5	62.1	76.9	79.8	83.5	93.6	92.3	93.0	90.2	76.4	68.6	51.5	77.1
1946	57.3	64.6	72.1	80.6	82.7	87.9	88.7	88.7	81.8	77.5	69.5	63.4	76.2
1947	58.1	55.0	62.0	74.7	82.2	88.0	89.8	91.4	90.0	81.0	60.9	59.3	74.4
1948	49.8	60.0	68.4	77.7	84.5	92.1	90.9	88.5	----	75.2	65.7	60.0	----
1949	63.6	62.4	64.8	73.0	85.9	90.4	90.6	89.7	84.2	79.8	65.3	58.5	75.7
1950	67.8	65.1	64.0	71.5	85.5	90.0	89.4	88.8	81.3	76.4	60.6	50.4	74.2
1951	57.6	60.1	67.0	73.3	84.5	91.9	93.0	92.7	86.5	77.0	59.4	59.8	75.2
1952	63.1	60.3	65.2	73.9	84.8	96.7	98.1	91.2	83.8	72.5	65.0	55.5	75.8
1953	60.1	58.4	69.1	72.3	84.9	92.6	90.3	92.0	88.0	79.7	66.8	54.4	75.7
1954	58.0	65.3	64.7	79.8	77.3	91.7	94.7	96.7	92.6	80.7	63.3	56.7	76.8
1955	54.5	58.4	70.4	76.9	84.4	82.9	89.2	90.7	87.3	76.8	65.1	56.1	74.4
1956	53.0	63.3	66.6	73.1	84.5	87.9	92.4	93.7	86.2	75.5	63.2	65.7	75.4
MEANS	57.3	59.2	67.1	75.0	83.2	90.3	91.2	90.9	87.2	77.2	65.4	56.7	75.1

MONTHLY AND ANNUAL MEAN MINIMUM TEMPERATURE (°F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	35.5	38.5	43.9	57.5	65.2	68.0	71.8	72.1	64.6	52.0	46.2	37.7	54.4
1897	35.7	43.3	52.4	50.9	56.2	68.8	71.6	69.5	64.1	52.9	42.6	41.7	54.1
1898	40.1	35.8	49.9	47.1	60.1	69.4	70.9	69.7	65.8	51.6	40.9	33.7	52.9
1899	35.0	32.0	45.4	51.7	----	68.4	70.5	70.6	60.4	55.2	44.9	36.4	----
1900	33.2	32.0	41.4	52.6	57.7	67.7	70.3	----	66.1	60.1	44.9	36.2	----
1901	37.0	35.6	43.7	47.0	57.9	68.1	71.6	69.5	61.5	49.5	36.7	30.0	50.7
1902	32.9	31.7	44.2	49.3	64.5	70.3	71.8	71.7	62.8	50.3	45.6	34.6	52.5
1903	----	----	----	46.8	58.5	62.9	70.0	70.0	60.5	49.2	39.5	26.8	----
1904	31.0	37.5	44.2	47.3	56.2	64.1	64.4	65.6	60.3	48.9	41.5	35.3	49.7
1905	----	----	----	51.7	63.5	66.5	67.8	68.5	63.2	53.3	43.8	34.3	----
1906	36.8	33.0	41.0	50.6	57.0	66.4	68.2	68.7	67.7	49.3	42.4	41.4	51.9
1907	43.7	37.9	52.5	47.1	57.1	62.6	68.8	67.7	63.3	48.6	39.7	36.6	52.1
1908	33.8	33.6	51.5	56.1	58.5	63.4	67.5	66.4	61.8	44.7	46.1	41.9	52.1
1909	41.2	39.2	46.4	51.8	56.8	67.6	69.7	69.5	64.0	48.3	44.6	32.5	52.6
1910	35.8	36.7	46.6	48.6	56.6	65.1	69.2	68.3	64.9	53.9	40.3	32.6	51.6
1911	41.0	45.8	45.7	53.8	58.5	67.4	67.5	68.0	67.3	57.7	39.3	39.4	54.3

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1912	31.7	33.1	----	52.2	58.4	64.8	69.5	68.0	66.4	53.3	35.1	37.0	----
1913	39.7	34.6	42.0	47.8	57.7	64.2	69.7	67.5	62.4	47.0	41.7	38.7	51.1
1914	34.8	32.7	38.1	50.8	57.2	70.3	70.0	69.5	62.2	53.3	38.3	36.1	51.1
1915	32.2	37.4	34.5	49.2	62.8	66.4	68.9	68.6	63.9	55.3	42.7	33.8	51.3
1916	41.2	33.2	40.2	49.1	59.8	66.1	70.6	69.3	62.1	51.3	39.6	35.2	51.5
1917	39.5	35.6	44.1	49.9	51.9	65.0	69.5	67.7	62.1	43.2	37.0	29.3	49.6
1918	27.2	40.6	49.8	49.5	60.2	67.2	65.7	68.3	58.1	60.1	41.8	40.8	52.4
1919	33.0	37.0	44.1	49.4	59.1	68.0	69.8	69.6	62.4	65.1	44.6	36.0	53.2
1920	38.1	35.3	38.4	52.0	59.7	65.1	59.6	68.4	66.1	48.4	36.7	33.8	51.0
1921	38.4	37.3	51.2	50.0	58.4	67.9	70.6	69.5	69.3	47.8	45.8	38.0	53.7
1922	37.4	43.1	43.8	56.4	62.6	67.5	69.4	68.0	64.6	54.0	44.9	43.0	54.6
1923	38.5	36.2	40.6	52.2	59.7	66.9	68.2	70.1	64.4	50.8	38.3	46.9	52.7
1924	29.8	35.2	38.5	51.0	55.5	68.1	66.7	67.8	60.8	46.5	40.3	43.0	50.3
1925	37.9	39.7	43.5	53.3	55.6	67.9	69.0	66.4	68.6	52.4	39.7	32.4	52.2
1926	33.6	37.4	37.0	45.1	56.2	65.9	66.9	70.6	68.5	52.5	37.3	38.1	50.8
1927	35.6	46.3	44.3	54.7	59.5	68.0	69.2	65.6	62.7	49.4	45.8	34.5	53.0
1928	31.4	34.5	42.4	46.8	55.7	66.3	69.7	70.0	60.5	53.7	39.3	32.1	50.2
1929	36.0	34.1	46.2	54.2	60.3	65.4	67.9	66.7	63.4	49.6	45.8	30.7	51.7
1930	33.8	38.4	38.9	49.4	59.4	61.5	69.2	65.7	65.4	48.4	41.1	31.9	50.3
1931	29.7	33.1	35.0	46.1	53.6	63.6	69.4	64.6	63.9	50.7	43.0	45.6	49.9
1932	41.1	45.8	37.9	50.5	57.7	68.2	72.2	70.6	64.4	48.7	37.9	40.7	53.0
1933	40.6	37.6	41.6	50.5	64.5	65.8	69.5	69.6	66.0	53.7	42.2	45.5	53.9
1934	40.7	33.0	42.3	52.3	61.1	69.2	71.5	70.9	62.4	54.4	44.4	36.4	53.2
1935	37.7	38.2	50.4	54.0	61.0	65.2	69.6	70.9	62.9	53.1	45.3	30.7	53.3
1936	34.0	35.8	47.8	50.4	60.4	67.3	70.6	69.9	66.6	55.1	41.1	41.1	53.3
1937	51.4	38.0	41.4	49.7	60.4	68.9	68.5	70.2	62.9	52.0	40.7	36.6	53.4
1938	37.1	43.5	51.7	51.6	61.4	66.1	70.6	69.7	62.0	50.9	42.0	35.7	53.5
1939	38.9	41.6	46.7	49.3	59.2	69.5	70.0	68.7	65.9	52.4	39.2	37.3	53.2
1940	23.6	35.8	42.9	51.0	54.7	66.3	69.5	69.9	59.2	49.7	43.2	41.6	50.6
1941	36.5	33.9	39.1	53.6	59.9	68.3	71.1	70.3	66.9	59.4	39.8	39.3	53.2
1942	31.9	34.4	43.3	50.3	58.1	67.6	70.7	68.0	61.5	51.8	43.5	38.2	51.6
1943	38.5	37.4	43.0	51.0	61.3	68.7	70.2	69.6	59.9	46.6	36.6	36.6	51.6
1944	36.0	45.3	45.5	51.1	59.7	68.0	67.4	69.7	65.6	47.7	42.9	35.5	52.9
1945	35.9	42.4	52.7	53.6	56.9	67.5	70.1	68.5	66.2	50.1	45.1	32.5	53.5
1946	38.9	37.4	49.0	53.7	59.5	65.1	70.2	66.4	62.6	50.6	50.1	38.8	53.5
1947	42.0	29.3	38.0	54.7	58.5	66.2	64.9	70.0	65.6	58.0	43.2	36.9	52.3
1948	29.3	42.4	48.9	55.3	58.7	66.9	70.6	68.1	61.1	45.2	43.9	38.8	52.4
1949	42.5	42.2	40.7	50.1	60.2	67.7	71.4	69.2	61.7	58.9	36.1	35.1	53.0
1950	50.7	40.9	40.1	46.2	63.5	67.3	68.5	66.3	62.6	54.5	34.3	30.0	52.1
1951	33.5	36.3	45.4	48.8	56.7	67.8	70.1	70.2	65.6	53.2	36.3	37.0	51.7

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1952	41.1	39.4	40.1	47.9	59.6	70.4	70.1	69.6	60.6	43.2	37.0	33.6	51.1
1953	36.0	36.6	45.8	47.7	63.3	69.5	70.1	68.2	61.2	47.9	35.0	31.5	51.1
1954	32.4	34.4	39.9	53.4	52.6	63.5	69.0	67.5	59.2	46.8	34.0	28.5	48.4
1955	30.4	33.8	42.9	50.8	59.0	59.2	67.9	67.8	63.7	45.0	36.3	32.6	49.1
1956	29.0	40.7	39.6	46.6	59.3	62.5	66.9	66.0	56.5	51.3	34.3	38.8	49.3
MEANS	36.3	37.3	43.8	50.7	58.9	66.6	69.2	68.7	63.4	51.5	41.0	36.3	52.0

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	67	70	84	86	92	93	97	97	96	83	80	73	97
1897	69	78	80	83	89	100	95	100	92	88	75	69	100
1898	74	70	82	81	95	90	98	91	88	84	72	70	98
1899	66	73	83	—	—	97	95	95	92	83	73	67	97
1900	63	72	79	85	87	87	89	89	—	84	75	63	89
1901	69	69	76	84	87	96	100	90	87	82	76	67	100
1902	67	63	75	80	91	96	99	99	88	83	76	69	99
1903	—	—	78	80	91	91	93	99	100	92	82	69	100
1904	64	75	89	85	95	98	98	100	100	100	80	80	100
1905	—	—	—	85	94	97	95	98	95	89	79	68	98
1906	73	70	75	92	90	98	98	95	95	82	81	74	98
1907	79	73	93	83	87	95	100	98	99	88	78	68	100
1908	69	70	88	88	94	97	99	102	98	87	80	75	102
1909	76	78	78	86	87	95	96	101	96	92	84	71	101
1910	72	71	88	85	94	94	92	95	95	93	77	72	95
1911	77	78	85	84	97	102	95	97	96	96	78	75	102
1912	75	72	—	85	95	98	95	98	98	93	79	74	98
1913	76	72	83	88	94	99	101	96	97	90	79	75	101
1914	75	74	81	88	100	104	98	94	95	85	80	74	104
1915	65	68	75	90	96	99	99	101	98	88	81	74	101
1916	76	74	82	86	96	95	94	97	96	93	80	73	97
1917	76	82	81	88	92	99	97	93	94	85	75	72	99
1918	74	82	84	87	96	99	99	100	92	88	76	74	100
1919	70	69	78	87	88	97	96	99	96	92	84	74	99
1920	78	70	79	85	93	97	95	95	95	90	79	69	97
1921	74	75	85	85	96	98	101	103	100	86	87	74	103

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1922	76	80	80	88	91	98	97	98	100	89	82	79	100
1923	75	80	79	86	89	96	96	93	93	91	73	--	96
1924	--	75	80	84	89	97	100	103	96	86	83	79	103
1925	67	75	86	94	95	99	101	105	110	96	77	77	110
1926	71	77	81	84	97	99	100	98	96	92	80	79	100
1927	82	82	83	88	96	99	99	99	102	94	86	75	102
1928	78	70	86	81	90	94	97	98	96	90	82	72	98
1929	80	74	93	88	92	96	97	101	94	86	80	76	101
1930	74	82	74	86	91	104	108	103	98	84	80	63	108
1931	69	71	73	86	91	105	99	98	99	89	79	79	105
1932	78	81	85	90	89	98	100	100	95	82	77	72	100
1933	74	78	83	83	99	105	98	97	99	92	85	79	105
1934	73	76	80	90	94	100	101	97	96	87	83	73	101
1935	76	75	87	88	95	100	101	105	97	89	88	67	105
1936	76	76	83	87	94	106	104	98	98	89	84	72	106
1937	81	81	79	91	98	103	101	102	94	92	80	72	103
1938	77	80	85	90	99	98	101	104	97	97	85	73	104
1939	75	80	84	85	92	96	101	96	97	91	79	78	101
1940	64	74	79	86	95	95	100	99	97	89	79	73	100
1941	72	62	74	86	99	98	99	100	100	96	79	77	100
1942	73	72	79	93	96	96	101	94	96	87	82	76	101
1943	80	76	83	93	93	100	98	104	93	88	84	79	104
1944	78	79	80	86	97	102	105	99	97	92	81	71	105
1945	68	77	89	88	99	101	99	98	101	86	82	66	101
1946	74	73	87	90	90	97	95	95	92	85	82	78	97
1947	75	75	82	87	91	95	97	102	98	90	73	74	102
1948	73	81	84	85	94	99	102	99	98	84	82	74	102
1949	84	78	83	88	92	94	98	95	92	88	78	71	98
1950	80	80	82	85	93	99	96	93	89	82	83	73	99
1951	73	79	82	84	94	98	98	98	98	92	81	80	98
1952	78	76	82	85	94	104	108	99	97	90	80	75	108
1953	75	71	81	82	95	99	99	98	99	89	80	70	99
1954	75	78	85	87	93	102	100	102	101	98	77	75	102
1955	75	75	85	88	91	91	95	96	95	92	83	75	96
1956	72	79	83	85	94	96	99	100	95	85	79	76	100
HIGHEST	84	82	93	94	100	106	108	105	110	100	88	80	110
YEAR	1949	1930*	1929*	1925	1914	1936	1930*	1935	1925	1904	1935	1951*	Sept. 1925

Extremes are underscored

* Also in earlier years

CLANTON, ALABAMA

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1896	17	20	29	38	57	58	65	66	43	35	27	22	17
1897	12	25	34	38	42	55	58	62	46	37	29	27	12
1898	16	20	30	31	42	69	62	62	56	33	24	18	16
1899	23	- 9	19	34	--	58	59	64	38	39	29	23	- 9
1900	14	15	23	30	45	58	61	55	--	51	29	28	14
1901	25	21	23	38	48	51	62	60	48	37	24	10	10
1902	19	19	23	36	55	56	63	64	47	30	26	14	14
1903	--	--	40	30	40	51	60	64	45	32	18	20	--
1904	19	28	30	35	45	52	57	60	49	38	29	20	19
1905	--	--	--	33	50	54	61	60	53	34	27	21	--
1906	20	22	24	34	38	58	62	65	63	29	25	17	17
1907	20	22	37	30	44	52	65	64	50	32	21	22	20
1908	18	18	31	37	35	56	63	55	38	34	24	26	18
1909	13	17	31	34	37	58	60	60	42	29	26	13	13
1910	16	20	25	31	40	50	62	63	49	27	29	20	16
1911	11	22	29	41	43	57	55	63	59	35	21	19	11
1912	12	15	--	38	45	57	66	62	56	40	22	24	12
1913	28	23	28	38	48	50	64	57	43	29	26	25	23
1914	24	20	22	31	47	62	64	67	49	32	16	17	16
1915	25	27	26	29	53	55	62	57	52	36	28	24	24
1916	18	19	25	32	46	53	66	57	44	31	21	21	18
1917	22	8	22	35	38	49	63	56	47	29	26	12	8
1918	9	27	38	32	43	56	56	55	42	47	34	22	9
1919	8	24	31	31	46	60	57	60	49	55	30	20	8
1920	17	20	20	31	49	59	62	58	43	30	26	23	17
1921	30	28	31	35	44	59	64	60	66	36	32	29	28
1922	22	24	28	40	56	62	59	58	54	37	28	30	22
1923	29	16	23	30	39	54	57	61	57	35	28	--	--
1924	--	23	26	32	43	58	56	58	45	32	26	26	--
1925	24	24	21	36	38	62	59	53	59	31	23	8	8
1926	22	25	16	29	46	52	53	68	62	34	25	22	16
1927	12	27	26	32	42	63	63	53	42	36	28	15	12
1928	7	17	29	35	43	56	63	67	41	36	24	21	7
1929	19	22	31	41	41	53	61	56	51	34	16	15	15
1930	13	25	25	37	48	45	58	56	50	30	22	21	13
1931	17	21	25	32	43	47	66	54	43	34	25	33	17
1932	26	29	17	40	46	59	68	66	53	34	25	27	17
1933	23	9	29	38	52	53	61	65	46	40	25	25	9
1934	12	18	22	36	52	63	68	66	52	37	27	17	12
1935	16	18	24	37	47	54	61	60	50	41	24	17	16

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1936	9	9	31	31	50	51	62	57	54	33	20	28	9
1937	33	24	26	35	48	63	57	65	48	27	21	12	12
1938	18	25	29	32	48	58	65	64	43	35	17	22	17
1939	27	20	31	34	41	65	65	61	56	35	27	22	20
1940	2	23	27	26	40	56	59	60	42	40	18	25	2
1941	25	22	23	42	43	58	69	62	54	40	27	26	22
1942	11	21	28	32	42	59	67	56	43	30	25	23	11
1943	18	14	15	31	46	66	66	55	43	31	24	17	14
1944	21	19	26	29	36	54	59	63	56	36	30	18	18
1945	21	21	32	40	42	57	63	59	52	39	22	14	14
1946	21	24	30	37	45	51	66	53	55	35	31	27	21
1947	22	15	19	39	43	54	55	68	47	45	27	26	15
1948	11	27	29	41	45	56	67	58	52	30	30	22	11
1949	23	27	27	34	51	59	68	63	41	44	25	23	23
1950	28	27	27	29	56	54	55	58	52	43	8	17	8
1951	19	8	29	33	43	60	63	63	50	37	22	15	8
1952	21	28	29	31	43	60	61	55	50	24	25	19	19
1953	22	23	34	31	51	58	61	60	51	30	25	13	13
1954	21	23	24	36	39	46	62	60	46	26	17	18	17
1955	17	14	18	31	45	47	58	62	56	27	19	17	14
1956	16	25	22	33	40	42	56	54	42	38	17	20	16
LOWEST	7	- 9	15	26	35	42	53	53	38	24	8	8	- 9
YEAR	1928	1899	1943	1940	1908	1956	1926	1946*	1908*	1953	1950	1925	Feb. 1899

Extremes are underscored

* Also in earlier years

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
1895-1896	6	178	338	627	653	478	384	55	0	0	2719
1896-1897	5	87	260	560	573	370	157	138	41	0	2191
1897-1898	4	66	329	502	506	531	234	---	4	0	----
1898-1899	0	247	446	677	650	643	303	---	--	0	----
1899-1900	45	67	310	598	685	603	397	132	7	0	2844
1900-1901	0	32	350	598	---	586	346	231	16	1	----
1901-1902	22	155	519	---	673	663	312	---	0	0	----

CLANTON, ALABAMA

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
1902-1903	0	164	285	665	---	---	189	226	47	0	----
1903-1904	9	157	414	756	653	441	235	145	11	0	2821
1904-1905	0	71	378	594	---	---	---	114	0	0	----
1905-1906	0	141	286	674	564	550	438	93	38	0	2784
1906-1907	0	170	295	441	344	462	112	215	14	7	2060
1907-1908	0	135	409	594	642	629	131	67	44	0	2651
1908-1909	12	157	227	430	457	425	276	131	42	0	2157
1909-1910	17	117	197	720	587	518	156	151	20	0	2483
1910-1911	0	125	399	691	439	279	242	101	18	0	2294
1911-1912	0	57	464	581	634	---	---	84	12	0	----
1912-1913	0	78	460	567	449	520	---	153	0	0	----
1913-1914	17	230	284	543	586	591	483	118	5	0	2857
1914-1915	12	113	400	669	695	497	587	108	0	0	3081
1915-1916	0	56	297	616	422	565	390	154	13	0	2513
1916-1917	11	108	357	590	488	513	287	124	83	0	2561
1917-1918	0	255	430	791	845	416	141	164	20	0	3062
1918-1919	24	11	345	466	626	386	252	122	15	0	2247
1919-1920	0	0	268	562	558	590	451	144	8	0	2581
1920-1921	6	98	448	645	477	446	128	134	59	0	2441
1921-1922	0	132	245	465	577	397	340	64	1	0	2221
1922-1923	0	75	277	393	504	518	388	108	16	0	2279
1923-1924	0	121	444	---	---	---	483	127	53	0	----
1924-1925	11	108	308	---	560	383	266	57	31	0	----
1925-1926	0	176	413	660	662	446	527	164	15	0	3063
1926-1927	0	116	469	485	538	222	315	63	20	0	2228
1927-1928	13	96	217	614	664	542	477	204	18	0	2845
1928-1929	12	90	416	626	542	578	282	53	12	0	2611
1929-1930	4	143	384	671	662	382	456	85	1	1	2789
1930-1931	2	190	436	726	709	523	547	181	53	0	3367
1931-1932	15	96	252	362	431	259	441	84	8	0	1948
1932-1933	0	141	490	486	445	512	344	129	0	0	2547
1933-1934	0	55	342	287	483	570	314	91	0	0	2142
1934-1935	0	50	263	591	529	433	160	91	1	0	2118
1935-1936	0	41	317	774	640	557	205	160	0	0	2694
1936-1937	0	63	350	456	226	485	350	110	9	0	2049
1937-1938	2	154	417	558	544	301	123	109	1	0	2209
1938-1939	4	63	314	570	464	358	217	122	9	0	2121
1939-1940	0	86	376	483	963	581	321	129	30	0	2969
1940-1941	17	40	331	444	531	598	462	33	3	0	2459
1941-1942	0	25	347	467	639	578	336	88	8	0	2488
1942-1943	28	55	253	514	508	415	368	117	0	0	2258
1943-1944	7	--	413	575	571	322	244	129	26	0	----
1944-1945	0	104	316	586	568	358	107	58	29	0	2126
1945-1946	0	100	275	713	524	382	173	53	4	0	2224
1946-1947	0	70	181	434	469	640	468	68	16	0	2346
1947-1948	5	8	388	523	790	407	240	48	6	0	2415
1948-1949	-	165	314	486	375	357	399	138	0	0	----

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
1949-1950	8	20	433	564	206	347	420	221	0	0	2219
1950-1951	0	45	543	769	601	484	291	164	17	0	2914
1951-1952	0	85	526	523	410	437	390	152	15	0	2538
1952-1953	0	231	420	635	521	489	245	178	6	0	2725
1953-1954	0	102	425	684	613	424	425	56	89	5	2823
1954-1955	0	178	490	695	700	530	306	94	2	0	2995
1955-1956	0	203	447	640	735	377	378	187	7	7	2981
MEAN	5	108	355	580	563	472	318	121	17	*	2539

* Less than one.

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
1896	29°-3-21	29°-3-21	27°-11-9	27°-11-9	233	233
1897	25°-3-28	25°-3-28	29°-11-30	28°-12-5	247	252
1898	31°-4-6	30°-3-1	27°-11-23	27°-11-23	231	267
1899	30°-3-29	23°-3-8	32°-11-3	27°-12-5	219	272
1900	30°-4-1	20°-3-23	29°-11-9	28°-12-12	222	264
1901	29°-3-17	23°-3-7	32°-11-6	24°-11-17	234	255
1902	23°-3-19	23°-3-19	30°-11-30	26°-11-28	256	254
1903	30°-4-5	--------	32°-10-25	24°-11-19	228	---
1904	32°-3-8	28°-2-5	30°-11-24	25°-12-9	261	308
1905	--------	--------	31°-11-12	27°-11-30	---	---
1906	32°-3-22	24°-3-21	32°-10-11	25°-11-13	203	237
1907	32°-4-15	27°-2-16	32°-10-15	27°-11-13	183	270
1908	31°-3-21	25°-2-28	30°-11-6	25°-11-15	235	261
1909	31°-3-16	28°-2-26	29°-10-25	26°-11-19	223	266
1910	31°-4-26	25°-3-16	28°-10-29	28°-10-29	186	227
1911	30°-3-3	26°-2-25	23°-11-13	23°-11-13	255	261
1912	--------	--------	30°-11-3	27°-11-16	---	---

CLANTON, ALABAMA

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
1913	30°-3-18	28°-3-3	29°-10-21	26°-11-11	217	253
1914	31°-4-10	28°-3-23	32°-10-28	27°-11-18	201	240
1915	29°-4-4	26°-3-24	31°-11-16	28°-11-30	226	251
1916	32°-4-10	26°-3-17	31°-10-22	24°-11-15	195	243
1917	31°-3-19	26°-3-7	30°-10-24	26°-11-25	219	263
1918	32°-4-13	27°-2-6	28°-12-2	28°-12-2	233	299
1919	31°-4-2	28°-2-11	32°-11-14	26°-12-14	226	306
1920	31°-4-6	20°-3-9	30°-10-30	27°-11-13	207	249
1921	31°-3-1	28°-2-23	32°-11-11	None	255	---
1922	32°-3-23	28°-3-5	32°-11-26	28°-11-29	248	259
1923	30°-4-1	24°-3-21	30°-11-9	28°-11-10	222	234
1924	32°-4-2	28°-3-16	32°-10-24	26°-11-26	205	255
1925	26°-3-4	26°-3-4	32°-10-20	27°-11-23	230	264
1926	32°-4-2	26°-3-16	32°-11-4	25°-11-11	216	240
1927	32°-4-23	28°-3-4	30°-11-19	28°-11-20	210	261
1928	32°-3-22	25°-2-27	32°-11-11	24°-11-26	234	273
1929	32°-3-10	28°-2-24	16°-11-30	16°-11-30	265	279
1930	31°-3-31	25°-3-3	32°-10-30	25°-11-1	213	243
1931	32°-4-2	28°-3-18	31°-11-1	27°-11-2	213	229
1932	29°-3-16	25°-3-15	29°-11-12	27°-11-13	241	243
1933	32°-3-21	22°-2-13	28°-11-9	28°-11-9	233	269
1934	29°-3-20	25°-3-12	30°-11-12	27°-11-13	237	246
1935	24°-3-1	24°-3-1	31°-11-21	26°-11-23	265	267
1936	31°-4-3	20°-2-19	30°-11-16	25°-11-17	227	272
1937	30°-3-29	28°-3-28	27°-10-24	27°-10-24	209	209
1938	32°-4-10	25°-2-1	24°-11-25	24°-11-25	229	297
1939	32°-3-19	28°-2-24	27°-11-1	27°-11-1	227	250
1940	26°-4-13	26°-4-13	31°-11-9	21°-11-15	210	216
1941	31°-3-30	27°-3-18	31°-11-8	28°-11-9	223	236
1942	32°-4-2	28°-3-4	30°-10-27	25°-11-28	208	269
1943	31°-4-15	23°-3-8	31°-10-18	25°-11-12	186	249
1944	29°-4-6	26°-3-9	32°-11-21	27°-12-1	229	267
1945	32°-3-10	26°-2-9	32°-11-5	22°-11-24	240	288
1946	30°-3-1	28°-2-17	31°-11-14	28°-12-3	258	289
1947	32°-3-29	19°-3-3	32°-11-9	27°-11-29	225	271
1948	30°-3-14	28°-2-3	30°-10-18	22°-12-26	218	327
1949	31°-3-20	28°-3-17	29°-11-4	25°-11-19	229	247
1950	32°-4-15	27°-3-9	32°-11-5	27°-11-12	204	248
1951	32°-3-20	19°-2-9	25°-11-3	25°-11-3	228	267
1952	31°-4-7	28°-2-18	24°-10-29	24°-10-29	205	254

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
1953	31°-4-21	23°-2-19	30°-10-31	28°-11-7	193	261
1954	32°-3-19	25°-3-8	30°-10-17	26°-10-31	212	237
1955	31°-4-1	28°-3-31	32°-10-20	27°-10-26	202	209
1956	28°-3-25	28°-3-25	29°-11-9	23°-11-10	229	231
AVERAGE	March 28	March 5	Nov. 6	Nov. 19	224	258
Latest in Spring	April 26 1910	April 13 1940	--------	--------	---	---
Earliest in Fall	--------	--------	Oct. 11 1906	Oct. 24 1937	---	---

YEAR	Last Spring Minimum of		First Fall Minimum of		Number of Days Between Dates	
	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below
1896	20°-2-21	20°-2-21	23°-12-24	None	305	---
1897	16°-1-30	16°-1-30	None	None	---	---
1898	20°-2-3	20°-2-3	24°-11-27	18°-12-13	297	313
1899	23°-3-8	19°-3-7	23°-12-6	None	273	---
1900	20°-3-23	20°-3-23	None	None	---	---
1901	23°-3-7	None	24°-11-17	13°-12-15	255	---
1902	23°-3-19	19°-2-11	22°-12-26	14°-12-27	282	319
1903	--------	--------	24°-11-19	19°-11-27	---	---
1904	20°-1-31	20°-1-31	20°-12-22	20°-12-22	326	326
1905	--------	--------	24°-12-4	None	---	---
1906	24°-3-21	None	24°-12-23	17°-12-24	277	---
1907	24°-2-9	20°-1-28	21°-11-14	None	278	---
1908	23°-2-21	18°-2-3	24°-11-16	None	269	---
1909	24°-2-3	17°-2-1	24°-12-9	13°-12-30	309	332
1910	22°-2-19	20°-2-18	24°-12-2	20°-12-3	286	288

Extremes are underscored.

CLANTON, ALABAMA

FREEZE DATES AND LENGTH OF GROWING SEASON - Continued

YEAR	Last Spring Minimum of		First Fall Minimum of		Number of Days Between Dates	
	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below
1911	22°-2-22	15°-1-5	23°-11-13	19°-12-1	294	330
1912	23°-2-8	20°-2-7	24°-11-25	None	291	---
1913	23°-2-14	None	None	None	---	---
1914	22°-3-3	20°-2-26	16°-11-20	16°-11-20	262	267
1915	None	None	24°-12-21	None	---	---
1916	24°-2-15	19°-2-4	24°-11-15	None	274	---
1917	23°-3-6	19°-7	12°-12-9	12°-12-9	278	305
1918	22°-1-24	9°-1-14	22°-12-29	None	339	---
1919	24°-2-10	13°-1-5	20°-12-15	20°-12-15	308	344
1920	20°-3-9	20°-3-9	24°-12-25	None	291	---
1921	None	None	None	None	---	---
1922	24°-2-8	None	None	None	---	---
1923	24°-3-21	17°-2-20	None	None	---	---
1924	24°-2-10	18°-1-22	None	None	---	---
1925	21°-3-3	None	23°-11-24	17°-12-23	266	---
1926	16°-3-14	16°-3-14	22°-12-16	None	277	--
1927	13°-1-17	13°-1-17	22°-12-8	15°-12-9	325	326
1928	22°-2-20	17°-2-19	24°-11-26	None	280	---
1929	24°-2-13	20°-1-4	16°-11-30	16°-11-30	290	330
1930	23°-1-31	18°-1-24	22°-11-27	None	300	---
1931	21°-2-12	17°-1-15	None	None	---	---
1932	24°-3-14	18°-3-11	None	None	---	---
1933	22°-2-13	9°-2-9	None	None	---	---
1934	22°-3-11	18°-2-27	21°-12-11	17°-12-12	275	288
1935	24°-3-1	18°-2-28	24°-11-24	20°-12-5	268	280
1936	20°-2-19	20°-2-19	20°-11-28	20°-11-28	283	283
1937	24°-2-11	None	24°-11-20	20°-12-10	282	---
1938	18°-1-28	18°-1-28	24°-11-25	17°-11-28	301	304
1939	20°-2-23	20°-2-23	22°-11-30	None	280	---
1940	24°-2-3	20°-1-31	21°-11-15	18°-11-16	286	290
1941	23°-3-1	None	None	None	---	---
1942	28°-3-4	11°-1-11	24°-12-14	None	285	---
1943	23°-3-8	15°-3-4	24°-11-18	17°-12-16	255	287
1944	19°-2-13	19°-2-13	22°-12-2	18°-12-15	293	306
1945	21°-2-1	None	22°-11-24	16°-12-17	296	---
1946	24°-2-1	None	None	None	---	---
1947	19°-3-3	19°-3-3	None	None	---	---
1948	19°-1-25	19°-1-25	22°-12-26	None	336	---
1949	24°-1-2	None	23°-12-24	None	356	---

Extremes are underscored

FREEZE DATES AND LENGTH OF GROWING SEASON - Continued

YEAR	Last Spring Minimum of		First Fall Minimum of		Number of Days Between Dates	
	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below	24° F. or Below	20° F. or Below
1950	None	None	8°-11-25	8°-11-25	---	---
1951	19°-2-9	19°-2-9	23°-11-18	15°-12-16	282	310
1952	21°-1-31	None	24°-10-29	19°-12-15	272	---
1953	23°-2-19	None	22°-12-17	16°-12-18	301	---
1954	24°-3-7	None	17°-11-3	17°-11-3	241	---
1955	21°-3-28	18°-3-27	19°-11-29	19°-11-29	246	247
1956	22°-3-21	17°-1-2	23°-11-10	17°-11-23	234	326
AVERAGE	Feb. 19	Feb. 9	Dec. 2	Dec. 8	286	305
Latest in Spring	March 28, 1955	March 27 1955	--------	--------	---	---
Earliest in Fall	--------	--------	Oct. 29 1952	Nov. 3 1954	---	---

HOT AND COLD PERIODS

Greatest number of consecutive days with maximum temperature:

90° or above, 41, July 6 - August 15, 1932
95° or above, 22, July 21 - August 11, 1930
100° or above, 9, July 6 - 14, 1930
105° or above, 5, September 4 - 8, 1925

Greatest number of consecutive days with minimum temperature:

32° or below, 35, January 4 - February 7, 1905
30° or below, 35, January 4 - February 7, 1905
25° or below, 31, January 6 - February 5, 1905
20° or below, 14, January 8 - 21, 1905
15° or below, 5, January 11-15, 1905 and Feb. 1-5, 1905.
10° or below, 3, Feb. 12-14, 1899+ Feb. 2-4, 1905; Jan. 26-28, 1940
5° or below, 3, January 26 - 28, 1940
0° or below, 2, February 13 -14, 1899

HOT AND COLD PERIODS - Continued

Warmest summer of record, 1952, mean temperature (June, July, August), 82.7°.

Coolest summer of record, 1955, mean temperature 76.3°.

Coldest winter of record, 1901-1902, mean temperature (December, January, February), 41.6°.

Warmest Winter of record, 1931-1932, mean temperature 53.9°.

Cold period of February 7-18, 1899:

DATE	7	8	9	10	11	12	13	14	15	16	17	18
Max. Temp.	44	28	37	39	40	21	17	32	37	45	41	53
Min. Temp.	24	14	21	20	27	8	- 9	- 1	26	35	33	36

Cold period of January 19-30, 1940:

DATE	19	20	21	22	23	24	25	26	27	28	29	30
Max. Temp.	35	31	43	45	39	33	29	24	30	39	46	48
Min. Temp.	8	10	15	19	31	16	13	4	2	4	22	26

Warm period of September 1-12, 1925:

DATE	1	2	3	4	5	6	7	8	9	10	11	12
Max. Temp.	95	100	105	106	110	110	105	103	104	98	97	84
Min. Temp.	59	61	65	70	69	69	74	70	73	69	69	70

Warm period of July 3-14, 1930:

DATE	3	4	5	6	7	8	9	10	11	12	13	14
Max. Temp.	93	96	100	101	101	102	102	108	103	106	103	99
Min. Temp.	58	58	61	68	71	70	72	72	75	70	70	71

WET AND DRY PERIODS

Greatest number of consecutive days without measurable rainfall, 53 days, September 30 - November 21, 1924.

Greatest number of consecutive days with measurable rainfall, 14 days, July 3-16, 1940, total rainfall for the period 13.76 inches.

SOME HEAVY 24-HOUR SNOWFALLS

4.0 inches on January 28, 1899
10.0 inches on February 12, 1899
4.0 inches on January 28, 1904
4.0 inches on January 27, 1906
5.0inches on February 26, 1914
4.0 inches on March 14, 1924
8.8 inches on December 22, 1929
4.0 inches on January 23, 1940, with some snow on the ground for 8 days.

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

Longitude 86° 38' W. Latitude 32° 51' N.

Date	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	6:49	6:42	6:15	5:34	4:59	4:38	4:41	4:59	5:20	5:40	6:04	6:31
2	6:49	6:41	6:13	5:33	4:58	4:38	4:41	5:00	5:21	5:41	6:05	6:32
3	6:49	6:40	6:12	5:32	4:57	4:38	4:42	5:00	5:22	5:41	6:06	6:32
4	6:50	6:39	6:11	5:30	4:56	4:38	4:42	5:01	5:22	5:42	6:06	6:33
5	6:50	6:39	6:10	5:29	4:55	4:37	4:43	5:02	5:23	5:43	6:07	6:34
6	6:50	6:38	6:08	5:28	4:54	4:37	4:43	5:03	5:24	5:43	6:08	6:35
7	6:50	6:37	6:07	5:27	4:53	4:37	4:43	5:03	5:24	5:44	6:09	6:36
8	6:50	6:36	6:06	5:25	4:52	4:37	4:44	5:04	5:25	5:45	6:10	6:36
9	6:50	6:35	6:05	5:24	4:52	4:37	4:44	5:05	5:25	5:46	6:11	6:37
10	6:50	6:35	6:03	5:23	4:51	4:37	4:45	5:05	5:26	5:46	6:12	6:38
11	6:50	6:34	6:02	5:22	4:50	4:37	4:46	5:06	5:27	5:47	6:13	6:39
12	6:50	6:33	6:01	5:20	4:49	4:37	4:46	5:07	5:27	5:48	6:14	6:39
13	6:50	6:32	5:59	5:19	4:48	4:37	4:47	5:07	5:28	5:49	6:15	6:40
14	6:49	6:31	5:58	5:18	4:48	4:37	4:47	5:08	5:29	5:49	6:15	6:41
15	6:49	6:30	5:57	5:17	4:47	4:37	4:48	5:09	5:29	5:50	6:16	6:41
16	6:49	6:29	5:56	5:15	4:46	4:37	4:49	5:09	5:30	5:51	6:17	6:42
17	6:49	6:28	5:54	5:14	4:45	4:37	4:49	5:10	5:31	5:52	6:18	6:43
18	6:48	6:27	5:53	5:13	4:45	4:37	4:50	5:11	5:31	5:52	6:19	6:43
19	6:48	6:26	5:52	5:12	4:44	4:37	4:50	5:11	5:32	5:53	6:20	6:44
20	6:48	6:25	5:50	5:11	4:44	4:37	4:51	5:12	5:33	5:54	6:21	6:44
21	6:47	6:24	5:49	5:10	4:43	4:38	4:52	5:13	5:33	5:55	6:22	6:45
22	6:47	6:23	5:48	5:08	4:42	4:38	4:52	5:14	5:34	5:56	6:23	6:45
23	6:47	6:21	5:46	5:07	4:42	4:38	4:53	5:14	5:35	5:56	6:24	6:46
24	6:46	6:20	5:45	5:06	4:41	4:38	4:54	5:15	5:35	5:57	6:25	6:46
25	6:46	6:19	5:44	5:05	4:41	4:39	4:54	5:16	5:36	5:58	6:25	6:47
26	6:45	6:18	5:42	5:04	4:41	4:39	4:55	5:16	5:37	5:59	6:26	6:47
27	6:45	6:17	5:41	5:03	4:40	4:39	4:56	5:17	5:37	6:00	6:27	6:48
28	6:44	6:16	5:40	5:02	4:40	4:40	4:56	5:18	5:38	6:01	6:28	6:48
29	6:44	6:15	5:38	5:01	4:39	4:40	4:57	5:18	5:39	6:01	6:29	6:48
30	6:43	----	5:37	5:00	4:39	4:40	4:58	5:19	5:39	6:02	6:30	6:49
31	6:42	-----	5:36	----	4:39	----	4:58	5:20	----	6:03	----	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.

*Data computed from U. S. Naval Observatory Records

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

Longitude 86° 38' W. Latitude 32° 51' N.

Date	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4:50	5:18	5:43	6:06	6:28	6:49	6:59	6:45	6:11	5:31	4:55	4:39
2	4:51	5:19	5:44	6:07	6:29	6:50	6:59	6:44	6:10	5:30	4:54	4:39
3	4:52	5:20	5:45	6:08	6:29	6:51	6:58	6:43	6:09	5:28	4:53	4:39
4	4:53	5:21	5:45	6:08	6:30	6:51	6:58	6:43	6:07	5:27	4:52	4:39
5	4:53	5:22	5:46	6:09	6:31	6:52	6:58	6:42	6:06	5:26	4:52	4:39
6	4:54	5:23	5:47	6:10	6:32	6:52	6:58	6:41	6:05	5:24	4:51	4:39
7	4:55	5:24	5:48	6:10	6:32	6:53	6:58	6:40	6:03	5:23	4:50	4:39
8	4:56	5:25	5:48	6:11	6:33	6:53	6:58	6:39	6:02	5:22	4:49	4:39
9	4:57	5:26	5:49	6:12	6:34	6:54	6:57	6:38	6:01	5:21	4:49	4:39
10	4:58	5:27	5:50	6:13	6:35	6:54	6:57	6:37	5:59	5:19	4:48	4:40
11	4:58	5:27	5:51	6:13	6:35	6:55	6:57	6:36	5:58	5:18	4:47	4:40
12	4:59	5:28	5:52	6:14	6:36	6:55	6:57	6:35	5:57	5:17	4:46	4:40
13	5:00	5:29	5:52	6:15	6:37	6:55	6:56	6:34	5:55	5:16	4:46	4:40
14	5:01	5:30	5:53	6:15	6:38	6:56	6:56	6:33	5:54	5:14	4:45	4:41
15	5:02	5:31	5:54	6:16	6:38	6:56	6:56	6:32	5:53	5:13	4:45	4:41
16	5:03	5:32	5:55	6:17	6:39	6:56	6:55	6:31	5:51	5:12	4:44	4:41
17	5:04	5:33	5:55	6:18	6:40	6:57	6:55	6:30	5:50	5:11	4:44	4:42
18	5:05	5:34	5:56	6:18	6:40	6:57	6:54	6:28	5:49	5:10	4:43	4:42
19	5:06	5:35	5:57	6:19	6:41	6:57	6:54	6:27	5:47	5:09	4:43	4:42
20	5:07	5:35	5:57	6:20	6:42	6:57	6:53	6:26	5:46	5:07	4:42	4:43
21	5:08	5:36	5:58	6:21	6:42	6:57	6:53	6:25	5:45	5:06	4:42	4:43
22	5:09	5:37	5:59	6:21	6:43	6:58	6:52	6:24	5:43	5:05	4:41	4:43
23	5:10	5:38	6:00	6:22	6:44	6:58	6:52	6:23	5:42	5:04	4:41	4:44
24	5:10	5:39	6:00	6:23	6:44	6:58	6:51	6:21	5:41	5:03	4:41	4:45
25	5:11	5:40	6:01	6:23	6:45	6:58	6:50	6:20	5:39	5:02	4:40	4:45
26	5:12	5:40	6:02	6:24	6:46	6:59	6:50	6:19	5:38	5:01	4:40	4:46
27	5:13	5:41	6:03	6:25	6:46	6:59	6:49	6:18	5:36	5:00	4:40	4:47
28	5:14	5:42	6:03	6:26	6:47	6:59	6:48	6:16	5:35	4:59	4:40	4:47
29	5:15	5:43	6:04	6:26	6:48	6:59	6:47	6:15	5:34	4:58	4:39	4:48
30	5:16	----	6:05	6:27	6:48	6:59	6:47	6:14	5:32	4:57	4:39	4:49
31	5:17	----	6:05	----	6:49	----	6:46	6:13	----	4:56	----	4:49

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 sunset and sunrise shown in the tables are valid for the remainder of the 20th century.

* Date computed from U. S. Naval Observatory Records

CLANTON, ALABAMA

Longitude 86° 38' W. Latitude 32° 51' N.

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	0:58	1:28	10:01	July 1	0:29	1:04	1:42	14:18
January 15	0:27	0:57	1:27	10:13	July 15	0:28	1:02	1:39	14:08
February 1	0:26	0:56	1:25	10:36	August 1	0:27	1:00	1:34	13:46
February 15	0:25	0:54	1:23	11:01	August 15	0:26	0:57	1:30	13:23
March 1	0:25	0:54	1:22	11:28	September 1	0:25	0:55	1:26	12:51
March 15	0:25	0:53	1:22	11:57	September 15	0:25	0:54	1:23	12:24
April 1	0:25	0:54	1:24	12:32	October 1	0:25	0:53	1:22	11:51
April 15	0:25	0:56	1:27	12:59	October 15	0:25	0:54	1:22	11:23
May 1	0:26	0:58	1:31	13:29	November 1	0:26	0:55	1:24	10:51
May 15	0:27	1:00	1:35	13:51	November 15	0:26	0:56	1:25	10:29
June 1	0:28	1:03	1:40	14:11	December 1	0:27	0:58	1:27	10:08
June 15	0:29	1:04	1:42	14:19	December 15	0:27	0:58	1:28	10:00

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 according to weather conditions, especially cloudiness and haze, and local surroundings.

Durations of nautical and astronomical twilight are, respectively, the intervals between sunrise and 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.

* Data Computed From U. S. Naval Observatory Records

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

THE CLIMATE OF CLANTON, ALABAMA

Situated approximately 170 air line miles north of the Gulf of Mexico, Clanton has a temperate climate.

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 lowest 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 Clanton 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.

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 sometime occur.

Snow rarely falls in Clanton.

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

Topography

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

Temperature

Average temperature for the entire year is 63.6°. Seasonal averages are: Spring, 63.2°; Summer, 79.5°; Fall, 64.3°; and Winter, 47.2°. Lowest temperature on record is - 9° on February 13, 1899. Highest temperature of record is 110° on September 5, 6, 1925.

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 Clanton. 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.

Normal and Record Mean

Normal is a mean based upon the 30-year period of record 1921-1950, revised each decade by dropping the first 10 years of data and adding the 10 most recent years.

Record Mean is an average for the full length of station record.

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 Clanton is humid, having an average annual precipitation of 53.38 inches.

Of the total annual precipitation, 28% falls in the Spring, to insure ample moisture for the good growth of vegetation; 26% 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 30% falls in Winter, to replenish the supply of subsoil moisture.

Experiments have proved that irrigation increases production, 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 grow 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 Clanton 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 Clanton area.

Snowfall

Snow is caused by the sublimation of water vapor at temperatures below 32° F. only. Snowfall in the Clanton area averages 1.2 inches 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%. Humidity data are not available for Clanton and Montgomery data are used instead. These data should be fairly representative of actual Clanton data.

Sunshine

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

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 Clanton. The windiest month is March with an average velocity at Montgomery of 8.3 miles per hour.

Frost and Dew

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.

Freeze Free Periods

Freeze free periods are determined by the number 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.

Dormancy of Peaches

Peach trees enter a period of dormancy called a "rest period", as they lose their leaves in the fall. Even though temperature and moisture conditions are favorable, the buds will not grow during this period. The rest period is necessary; otherwise, the buds would grow during warm periods in fall or winter. The buds normally need a certain amount of chilling weather to break the rest period, extending over a certain period of time. Observations and experiments, made at the U. S. Field Laboratory at Fort Valley, Ga., have shown that temperatures at 45° F., or lower, provide the chilling necessary to break the rest period. If development of leaves and flowers is to be normal, the necessary chilling must occur before February 15th for flower buds and March 31st for leaf buds. Chilling requirements for certain varieties are listed below:

PEACH VARIETY	NUMBER OF HOURS TEMPERATURE 45° F. OR LOWER	
	FLOWER BUDS	LEAF BUDS
Cardinal	850	950
Coronet	850	850
Dixigem	850	950
Dixired	950	1050
Duke of Georgia	750	850

PEACH VARIETY	NUMBER OF HOURS TEMPERATURE 45° F. OR LOWER	
	FLOWER BUDS	LEAF BUDS
Early Red Fre	850	1150
Elberta	850	950
Sullivan Elberta	850	950
Halehaven	850	950
Hiland	750	750
Hiley	750	750
Early Hiley	750	750
Pearson Hiley	750	750
Early Rose	1150	1150
Keystone	750	750
Mayflower	1150	1150
Maygold	650	650
Redcap	750	750
Redhaven	950	1050
Southland	750	750

If the trees are not exposed to sufficient cold, the buds do not open in the spring. With most fruits the blossom buds require slightly less cold than the leaf buds, and frequently in southern latitudes blossom buds will open before the leaf buds begin to grow. Unless the leaf system develops with or shortly after blossom opening, fruit fails to set owing to lack of a food supply from leaves. If the amount of chilling by February 15th is only 100 hours less than a peach variety needs, that variety generally will blossom and leaf out slowly and will probably set a crop of fruit. If the amount of chilling is 200 hours short of that needed, blossoming and leafing will be very irregular and delayed, and a crop of fruit may or may not be set. If the amount of chilling is 300 hours, or more, short of that needed, many of the flower buds will die and the chances of a crop of fruit would be slight. Leafing out would be very much delayed: in fact, the trees might remain dormant until late April or May.

Average seasonal number of hours with temperature 45° F., or lower, are 892 at Montgomery; 1253 at Birmingham; 1167 at Tuscaloosa; and, 1290 at Anniston

Chilton County is the largest peach growing section in Alabama

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The people of Clanton and Chilton 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
Dr. W. E. Stewart	February 1, 1893 - Aug. 31, 1903
E. L. White	Sept. 1, 1903 - Sept. 23, 1903
Miss Alee Stewart	Sept. 24, 1903 - Aug. 31, 1904
Miss Essie Stewart	Sept. 1, 1904 - Feb. 28, 1905
Wallace Elder	Mar. 1, 1905 - Mar. 31 , 1912
Joseph R. Downs	Apr. 1, 1912 - Jan. 31, 1924
Lea M. Downs	Feb. 1, 1924 - May 31, 1924
Hugh M. Simpson	June 1, 1924 - May 29, 1953
Thomas E. Wyatt	May 30, 1953 - Sept. 22, 1953
Marion W. Easterling	Sept. 24, 1953 to date

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