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CLIMATOGRAPHY OF THE UNITED STATES NO. 81-7

DECENNIAL CENSUS OF UNITED STATES CLIMATE—

MONTHLY NORMALS OF TEMPERATURE, PRECIPITATION, AND HEATING DEGREE DAYS

GEORGIA

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PREFACE

The climatological standard normals presented in this publication are based on records for the 30-year period 1931-1960 inclusive. For the first time, normals have been computed for substations and divisions using a base period identical to that used for first-order stations.

Previous normals were published in Weather Bureau Technical Paper No. 31, "Monthly Normal Temperatures, Precipitation, and Degree Days," and were based on records for the period 1921-1950. Earlier sets of normals are described in [1].

This is the first series of publications resulting from the project "The Decennial Census of United States Climate, 1960." The project is a continuation of earlier censuses of the climate of the United States that date back to the early 19th Century and are described in [2]. Future publications of this project will be listings of daily normals of temperature, and degree days; summaries of hourly observations; and listings of monthly divisional averages of temperature and precipitation.

Units used in this publication are degrees F. for temperatures, and inches for precipitation. The heating degree day normals are derived from the monthly normal temperatures, and are computed on the standard base of 65°F. Monthly normals of less than 5 degree days are shown as zero.

Standard Normals for Weather Bureau First Order Stations

A normal of a climatological element is an arithmetic mean for a specific period of record which estimates the true mean of the element at the current exposure of the meteorological instrument measuring the element. The true mean is the mean of all possible observations (population) at the current exposure. It is from this population that future observations will come, not from values in the past record. This is what makes it important to obtain an estimate of this mean. The true mean can never be known exactly but must be estimated from a sample of the past record ([3] p. 53 section 4. 3). The normals presented here are estimates of the true mean obtained from the 30-year sample record 1931-1960. They are called standard normals because they conform to the World Meteorological Organization standard for climatological normals.

If no exposure changes have occurred at a station the normal is estimated by simply averaging the 30 values from the 1931-1960 record. Since it is next to impossible to maintain a multiple purpose network of meteorological stations without having exposure changes, it is first necessary to find and evaluate these changes and then make adjustments for them if necessary.

Heterogeneities in record due to exposure changes are found in two ways: by determining them from the station histories and by use of statistical tests. The statistical test when standardized for the purpose is easy to apply and will often find heterogeneities which are not defined by the station histories as well as those which have been so determined. Two statistical tests were employed: one for temperature and the other for precipitation. These are described in [4].

After the periods of heterogeneity have been determined, adjustments are applied to remove the heterogeneities introduced into the mean. This is done by comparing the record at the base station, for which the normal is desired, to the record at a supplementary station with a homogeneous period which covers the heterogeneous period at the base station. The difference method is applied to the monthly average maximum and minimum temperatures and the ratio method to the monthly total precipitation. A weighted average of the various partial means of the adjusted and unadjusted record is then prepared to give the normal. Brief discussions of the methods of adjustment are found in [3] (p. 49, section 4. 24).

Normal heating degree days are derived by the method described in [5].

Normals for Substations and Divisions

Normals for substations were computed somewhat differently than those for first-order stations. Monthly substation normals are the simple arithmetic averages of the monthly values of temperature and precipitation for the period 1931-1960. These were computed for only those substations that were active during the entire period and no attempt was made to adjust for minor changes in location of the observing site, or for changes in the time of observation. Normals were not computed for substations that were moved a significant distance during the 1931-1960 period. Missing values in the data series were estimated by methods described in [6]. Substations whose locations were essentially unchanged during the 1931-1960 period are identified in the tables.

Monthly divisional normals are the means of the monthly divisional averages of temperature and precipitation for the period 1931-1960. In calculating the monthly divisional averages, all of the stations in the division that furnished both temperature and precipitation data during the particular month were used. The averages therefore were obtained from a variable station sample. As a result, the divisional normals often differ from the averages of the normals for stations in the division.

Annual substation and divisional normals are the averages of the 12 monthly temperature normals and the sums of the 12 monthly precipitation normals.

References

1. U. S. Weather Bureau, "History of Climatological Publications," Key to Meteorological Records Documentation No. 4. 1, Washington, D. C., 1958.

2. H. E. Landsberg, "The Decennial United States Census of Climate 1960 and Its Antecedents," Key to Meteorological Records Documentation No. 6. 2, U. S. Weather Bureau, Washington, D. C., 1960.

3. U. S. Weather Bureau, Climatology at Work, Gerald L. Barger, ed., Washington, D. C., 1960.

4. H. C. S. Thom, "Tests of Significance for Temperature and Precipitation Normals," U. S. Weather Bureau Manuscript, 1961.

5. H. C. S. Thom, "The Rational Relationship Between Heating Degree Days and Temperature," Monthly Weather Review, Vol. 82, No. 1, January 1954.

6. U. S. Weather Bureau, Administrative Manual, Vol. III, Chap. C-05, paras. C-0509 and C-0510.

NOTES

1. Station Names

   In Table I, "AP" after the city name indicates "airport station" "CO" indicates "city office station." Figures and letters following the station name indicate a rural location, and refer to the distance and direction of the station from the nearest post office.

   \# indicates a station whose location has been essentially unchanged during the period 1931-1960.

   H indicates the ground elevation of the station in feet above sea level, as of December 31, 1960.

   G indicates the elevation at hygrothermometer site (where different from "H").

   T indicates the height of the thermometer in feet above the ground as of December 31, 1960.

   /NO TEST/ indicates that significant difference tests were not made.

2. Table Content

   * indicates that the departure of the 1951-60 record from the 1921-50 normal is statistically significant, but through the adjustments for changes in location and exposure the absolute difference between old and new normals may even in these cases be very small.

   T in the data tables indicates a monthly precipitation amount of only a trace.

February monthly normals are for a 28-day month.

TABLE I - NORMALS FOR FIRST ORDER STATIONS

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
ATHENS AP	H 803 T 4													
	MAX TEMP	54.6	57.0	63.4	73.3	82.2	89.2*	90.2*	89.6	84.4*	75.1*	63.3	54.8	73.1
	MIN TEMP	34.5	35.1	39.7	48.9	57.9	65.9*	69.2	68.4	62.6	50.8	39.6	34.4	50.6
	AVG TEMP	44.6	46.1	51.6	61.1	70.1	77.6*	79.7*	79.0	73.5*	63.0*	51.5	44.6	61.9
	DEG DAYS	642	529	431	141	22	0	0	0	12*	115*	405	632	2929
	PRECIP	4.89	4.70	5.10	4.39*	3.61	3.88	4.99	3.63*	3.02	2.86	2.93	4.53	48.53
ATLANTA AP	G1010 T 5													
	MAX TEMP	54.0	56.5	62.9	72.1	80.5	87.3	88.4	88.3*	83.1	73.6	62.0	53.3	71.8
	MIN TEMP	35.5	36.5	40.9	49.9*	58.6*	66.3	69.2*	68.4*	63.1	51.7	40.1	34.8	51.3
	AVG TEMP	44.8	46.5	51.9	61.0*	69.6*	76.8	78.8*	78.4*	73.1	62.7	51.1	44.1	61.6
	DEG DAYS	636	518	428	147*	25*	0	0	0	18	124	417	648	2961
	PRECIP	4.44	4.51	5.37	4.47	3.16	3.83*	4.72	3.60	3.26	2.44	2.96	4.38	47.14
AUGUSTA AP	H 143 T 6													
	MAX TEMP	59.4	61.5	67.3	76.5	84.3*	90.6	91.3	91.1*	86.5	78.1*	67.7	59.3	76.1
	MIN TEMP	35.7	37.1	42.5	49.8	58.8	67.2*	70.0	69.2	64.1	52.3	40.4*	35.1	51.9
	AVG TEMP	47.6	49.3	54.9	63.2	71.6*	78.9*	80.7	80.2*	75.3	65.2*	54.1*	47.2	64.0
	DEG DAYS	549	445	350	90	0	0	0	0	0	78*	333*	552	2397
	PRECIP	2.99	3.52	4.17	3.56	2.99	3.04	4.50	3.89	3.00	2.01	2.18	3.33	39.18
COLUMBUS AP	H 385 T 6													
	MAX TEMP	59.0	61.2	67.3	76.4*	84.7	91.1	91.5	91.3*	87.0	78.0*	66.6	58.9	76.1
	MIN TEMP	36.6	38.1	43.2	50.9	59.5	67.6	70.6	70.0	64.9	52.8	41.5	36.4	52.7
	AVG TEMP	47.8	49.7	55.3	63.7*	72.1	79.4	81.1	80.7*	76.0	65.4*	54.1	47.7	64.4
	DEG DAYS	552	434	338	96*	0	0	0	0	0	87*	333	543	2383
	PRECIP	4.06	4.63	6.01	4.59	3.50*	3.68	5.87	4.64	2.77*	1.77	2.59	4.56	48.67
MACON AP	H 356 T 5													
	MAX TEMP	60.2	62.7	68.9	78.2	86.5	92.6	92.8	92.2*	87.5	78.6*	68.0	60.1	77.4
	MIN TEMP	38.2	39.4	44.8	52.9	61.2	68.7	71.0	70.3	65.3	53.8	42.7*	37.9	53.9
	AVG TEMP	49.2	51.1	56.9	65.6	73.9	80.7	81.9	81.3*	76.4	66.2*	55.4*	49.0	65.6
	DEG DAYS	505	403	295	63	0	0	0	0	0	71*	297*	502	2136
	PRECIP	3.37*	4.26	4.94	3.75	3.32	3.34	5.64	4.18	2.77*	2.01	2.45	4.05	44.08
ROME AP	H 637 T 4													
	MAX TEMP	52.8	55.9	62.7	73.1	82.0	89.0*	90.6	90.3	85.3	75.1*	62.3	53.4	72.7
	MIN TEMP	31.3	32.9	38.1	46.5	55.3	63.7	67.4	66.4	59.5	47.3	36.0*	31.3	48.0
	AVG TEMP	42.1	44.4	50.4	59.8	68.7	76.4*	79.0	78.4	72.4	61.2*	49.2*	42.4	60.4
	DEG DAYS	710	577	468	177	34	0	0	0	24	161*	474*	701	3326
	PRECIP	5.51	5.30	5.87	4.59	3.80	3.76	4.89	3.76*	3.30	2.93	3.42	5.13	52.26
SAVANNAH AP	H 48 T 6													
	MAX TEMP	62.5	64.4	69.6	77.3	84.8*	90.2	91.2	90.8*	85.9	78.1	69.1	62.6	77.2
	MIN TEMP	40.9	41.7	46.9	54.1	62.0	69.1	71.4	71.2	67.4	56.3	45.5*	40.2	55.6
	AVG TEMP	51.7	53.1	58.3	65.7	73.4*	79.7	81.3	81.0*	76.7	67.2	57.3*	51.4	66.4
	DEG DAYS	437	353	254	45	0	0	0	0	0	47	246*	437	1819
	PRECIP	2.78	3.68	3.97	3.70*	3.77*	5.09	6.61	6.62	5.25	2.58	2.05	2.81	48.91
THOMASVILLE CO	H 283 T 44													
	MAX TEMP	63.4	65.4	70.9	78.7*	86.7*	91.3*	92.0*	91.9*	88.0*	80.5	70.6	63.9	78.6
	MIN TEMP	44.0*	45.1	49.9	56.9*	64.1	70.3	72.0	71.9*	68.7*	58.8*	48.2*	43.8*	57.8
	AVG TEMP	53.7*	55.3	60.4	67.8*	75.4*	80.8*	82.0*	81.9*	78.4*	69.7*	59.4*	53.9*	68.2
	DEG DAYS	394*	305	208	33*	0	0	0	0	0	25	198*	366*	1529
	PRECIP	3.58	3.99	5.26	4.64	3.84	4.82	6.81	5.56*	4.82	2.27	2.08	3.34	51.01

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

GEORGIA

STATIONS (By Divisions)	TEMPERATURE (°F) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	PRECIPITATION (In.) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
NORTHWEST																											
#RESACA	•	•	•	•	•	•	•	•	•	•	•	•	•	5.75	5.62	5.71	4.83	3.77	3.65	4.88	4.08	3.17	3.07	3.67	5.34	53.54
#ROME	44.9	46.8	53.0	62.2	70.2	77.6	80.1	79.4	74.1	63.1	51.5	44.6	62.3	5.41	5.39	6.01	4.61	3.57	3.97	4.69	4.04	3.45	2.75	3.46	5.03	52.38
ROME AP	42.1	44.4	50.4	59.8	68.7	76.4	79.0	78.4	72.4	61.2	49.2	42.4	60.4	5.51	5.30	5.87	4.59	3.80	3.76	4.89	3.76	3.30	2.93	3.42	5.13	52.26
DIVISION	43.8	45.8	51.8	61.1	69.5	77.0	79.5	78.8	73.3	62.4	50.8	43.9	61.5	5.28	5.31	5.76	4.57	3.70	3.75	4.66	4.24	3.23	2.86	3.43	4.99	51.78
NORTH CENTRAL																											
#ATHENS	46.0	47.5	53.1	62.1	70.4	77.4	79.3	78.6	73.5	63.2	52.7	45.7	62.5	4.83	4.64	5.20	4.44	3.55	3.74	4.88	3.55	2.69	2.97	2.84	4.44	47.77
ATHENS AP	44.6	46.1	51.6	61.1	70.1	77.6	79.7	79.0	73.5	63.0	51.5	44.6	61.9	4.89	4.70	5.10	4.39	3.61	3.88	4.99	3.63	3.02	2.86	2.93	4.53	48.53
ATLANTA AP	44.8	46.5	51.9	61.0	69.6	76.8	78.8	78.4	73.1	62.7	51.1	44.1	61.6	4.44	4.51	5.37	4.47	3.16	3.83	4.72	3.60	3.26	2.44	2.96	4.38	47.14
#BLAIRSVILLE EXP STA	40.2	41.1	46.5	55.4	63.7	70.9	73.6	73.0	67.5	57.6	46.5	40.1	56.3	5.17	5.49	5.76	4.65	4.01	3.77	5.29	4.40	3.31	3.15	3.43	4.94	53.37
#CANTON	•	•	•	•	•	•	•	•	•	•	•	•	•	5.16	5.22	5.99	4.61	3.50	3.59	5.15	4.09	3.28	2.78	3.41	5.18	51.96
#DAHLONEGA	42.8	44.3	50.1	59.5	67.2	74.3	76.5	75.8	70.6	60.6	49.6	43.0	59.5	6.09	6.04	6.53	5.05	4.01	3.74	6.17	5.07	3.56	3.30	4.04	6.23	59.83
GAINESVILLE	43.6	45.1	51.0	60.2	68.2	75.6	77.9	77.3	71.8	61.4	50.4	43.5	60.5	5.11	5.07	5.71	4.55	3.72	3.78	5.33	3.97	3.38	3.14	3.45	5.11	52.32
DIVISION	43.9	45.3	51.2	60.3	68.5	75.8	77.9	77.3	72.0	61.8	50.7	43.9	60.7	5.07	5.07	5.57	4.65	3.66	3.75	5.10	4.00	3.23	2.99	3.26	4.96	51.31
NORTHEAST																											
#CARLTON BRIDGE	44.0	45.5	51.0	60.5	69.1	77.0	79.4	78.7	73.1	61.8	50.5	43.5	61.2	4.66	4.47	5.00	4.09	3.41	3.76	4.33	3.62	2.87	2.87	2.85	4.48	46.41
CLAYTON	41.9	42.8	48.2	56.8	64.5	71.9	74.3	73.6	68.3	58.8	48.3	41.8	57.6	6.54	6.47	7.18	5.98	4.55	4.88	6.48	6.08	4.64	4.22	4.65	6.45	68.12
CORNELIA	42.9	44.4	50.0	59.3	67.0	74.3	76.7	76.0	70.7	60.8	50.0	43.0	59.6	5.67	5.56	5.91	5.03	3.92	4.32	5.88	4.99	3.73	3.45	3.97	5.75	58.18
#TOCCOA	45.2	46.6	52.3	61.4	69.3	76.7	78.6	77.8	72.3	62.4	52.1	45.1	61.7	5.41	5.55	6.29	4.53	3.90	4.04	5.69	5.46	4.09	3.49	3.81	5.55	57.81
WASHINGTON	46.7	48.6	54.2	63.0	71.2	78.4	80.3	79.9	75.0	64.8	53.6	46.5	63.5	4.33	4.29	4.98	4.11	3.26	3.78	5.17	3.86	3.11	2.58	2.71	3.86	46.04
DIVISION	44.3	45.8	51.4	60.5	68.6	76.1	78.2	77.5	72.2	62.0	51.1	44.2	61.0	5.22	5.15	5.76	4.63	3.71	4.02	5.42	4.67	3.68	3.27	3.57	5.11	54.21
WEST CENTRAL																											
COLUMBUS AP	47.8	49.7	55.3	63.7	72.1	79.4	81.1	80.7	76.0	65.4	54.1	47.7	64.4	4.06	4.63	6.01	4.59	3.50	3.68	5.87	4.64	2.77	1.77	2.59	4.56	48.67
#CONCORD	•	•	•	•	•	•	•	•	•	•	•	•	•	4.26	4.53	6.12	4.73	3.37	3.87	5.55	3.73	3.16	2.15	2.78	4.42	48.67
GOAT ROCK	•	•	•	•	•	•	•	•	•	•	•	•	•	4.07	4.19	5.74	4.85	3.24	3.29	5.23	3.67	2.96	1.74	2.79	4.38	46.15
#GRIFFIN	47.6	49.2	54.7	63.4	71.3	77.9	79.5	79.2	74.7	65.5	54.7	47.7	63.8	4.53	4.67	5.92	4.65	3.11	4.15	5.34	4.08	3.35	2.24	2.82	4.39	49.25
#MONTEZUMA 1 NE	•	•	•	•	•	•	•	•	•	•	•	•	•	3.78	4.29	5.19	4.38	3.02	3.54	5.80	4.42	3.35	2.35	2.44	4.19	46.75
#NEWNAN	45.9	47.9	53.6	62.2	70.7	77.6	79.4	78.9	73.9	64.0	52.9	46.1	62.8	4.95	4.90	5.81	4.86	3.41	3.95	5.16	4.38	3.22	2.38	3.15	4.68	50.85
#TALLAPOOSA 2 NNW	43.8	45.6	51.1	59.7	67.5	74.7	77.2	76.6	71.2	60.4	49.7	43.7	60.1	4.86	4.84	5.63	4.89	3.61	3.78	4.90	4.04	3.19	2.47	3.10	4.75	50.06
#WEST POINT	47.7	49.3	55.0	63.2	71.4	78.4	80.2	79.6	74.6	64.4	53.6	47.3	63.7	4.43	4.87	6.19	4.98	3.64	3.74	5.74	4.63	3.30	2.28	3.08	4.78	51.66
#WOODBURY	•	•	•	•	•	•	•	•	•	•	•	•	•	4.19	4.60	5.80	4.66	3.42	3.88	5.41	4.03	3.62	2.17	2.73	4.54	49.05
DIVISION	47.2	49.0	54.6	63.0	71.2	78.0	79.7	79.2	74.3	64.4	53.5	47.1	63.4	4.44	4.69	5.91	4.67	3.42	3.90	5.58	4.24	3.33	2.22	2.84	4.56	49.80
CENTRAL																											
#ABBEVILLE	•	•	•	•	•	•	•	•	•	•	•	•	•	2.94	3.85	4.52	3.69	3.40	3.75	5.71	4.62	3.70	2.08	2.11	3.27	43.64
#COVINGTON	45.6	47.5	53.1	62.1	70.7	78.0	80.0	79.4	74.1	63.6	52.4	45.5	62.7	4.72	4.57	5.52	4.26	3.32	3.54	4.44	3.43	2.83	2.48	2.99	4.33	46.43
DUBLIN 3 S	50.4	52.2	57.6	65.6	73.5	80.0	81.6	81.0	76.5	66.5	56.2	49.9	65.9	3.58	4.14	4.64	3.75	3.59	3.86	5.18	4.47	3.58	2.67	2.08	3.80	45.34
EASTMAN 1 W	51.3	52.9	58.3	66.4	74.6	81.0	82.3	81.7	77.2	67.6	57.4	51.0	66.8	3.36	4.00	5.08	4.42	3.40	3.72	6.03	5.21	3.68	2.55	2.15	3.76	47.36
FORT VALLEY 3 E	48.4	50.2	55.9	64.4	72.8	79.4	80.6	80.3	75.5	65.6	54.6	48.1	64.7	3.70	4.57	5.36	4.26	3.44	4.32	5.57	3.94	3.39	2.58	2.69	4.21	48.03
#HAWKINSVILLE	50.7	52.2	57.8	65.4	73.5	80.0	81.7	81.4	77.0	67.0	56.5	50.3	66.1	3.97	4.33	4.93	4.17	3.49	4.23	5.90	4.17	3.76	2.33	2.28	3.99	47.55
MACON AP	49.2	51.1	56.9	65.6	73.9	80.7	81.9	81.3	76.4	66.2	55.4	49.0	65.6	3.37	4.26	4.94	3.75	3.32	3.34	5.64	4.18	2.77	2.01	2.45	4.05	44.08
#MILLEDGEVILLE	47.1	48.8	54.5	63.1	71.7	79.0	80.8	80.2	75.2	64.6	53.6	46.6	63.8	3.87	4.35	4.82	3.80	3.72	3.31	5.44	3.89	3.01	2.03	2.59	4.07	44.90
SILOAM	46.5	48.2	53.8	62.6	70.8	78.3	80.1	79.4	74.4	64.3	53.2	46.3	63.2	4.52	4.16	5.40	4.29	4.01	3.17	4.91	4.30	3.28	2.45	2.76	4.21	47.46
SPARTA 2 NNW	•	•	•	•	•	•	•	•	•	•	•	•	•	3.71	4.20	4.89	3.94	3.51	3.28	4.67	3.82	3.16	2.17	2.47	3.89	43.71
DIVISION	48.5	50.2	55.8	64.2	72.4	79.3	80.9	80.4	75.6	65.5	54.8	48.2	64.7	3.93	4.31	5.13	4.11	3.55	3.71	5.34	4.15	3.37	2.36	2.51	4.10	46.57
EAST CENTRAL																											
AUGUSTA AP	47.6	49.3	54.9	63.2	71.6	78.9	80.7	80.2	75.3	65.2	54.1	47.2	64.0	2.99	3.52	4.17	3.56	2.99	3.04	4.50	3.89	3.00	2.01	2.18	3.33	39.18
#BROOKLET 1 W	51.7	53.5	58.9	66.8	74.0	79.8	81.3	80.9	76.8	67.7	58.2	51.3	66.7	2.55	3.49	3.81	3.51	3.38	4.44	5.57	5.42	4.56	2.28	2.03	2.78	43.82
#DOVER	•	•	•	•	•	•	•	•	•	•	•	•	•	2.68	3.80	4.13	3.49	3.19	4.62	5.57	5.39	4.71	2.43	2.20	2.96	45.17
#LOUISVILLE	49.8	51.4	56.9	65.2	73.2	80.0	81.7	81.1	76.0	66.1	55.9	49.2	65.5	3.33	4.08	4.54	3.67	3.42	3.52	4.55	4.34	3.37	2.74	2.16	3.61	43.33
#MIDVILLE	•	•	•	•	•	•	•	•	•	•	•	•	•	3.11	3.76	4.27	3.56	3.71	3.60	4.96	4.42	3.83	2.18	2.07	3.29	42.76
#MILLEN	50.7	52.4	55.9	65.9	73.7	80.4	82.0	81.7	76.9	67.0	56.8	50.0	66.1	3.20	3.86	4.23	3.57	3.68	4.48	4.61	4.47	4.14	2.48	2.17	3.72	44.61
#WARRENTON	47.8	49.4	55.0	63.6	71.7	78.7	80.4	79.6	74.7	64.6	54.2	47.7	64.0	4.06	4.38	4.77	4.13	3.19	3.29	4.41	4.02	3.55	2.67	2.58	3.99	45.04
DIVISION	49.9	51.5	57.0	65.3	73.2	79.8	81.5	80.9	76.2	66.3	56.1	49.4	65.6	3.17	3.87	4.34	3.65	3.36	3.76	4.88	4.48	3.80	2.46	2.20	3.46	43.43
SOUTHWEST																											
ALBANY	52.6	54.5	60.0	67.4	75.3	81.4	82.5	82.2	78.2	68.9	58.3	52.5	67.8	3.46	4.22	5.21	4.59	3.87	4.05	5.69	4.81	3.56	2.11	2.52	3.75	47.84
AMERICUS 4 ENE	50.5	52.2	57.4	65.4	73.5	79.9	81.0	81.0	76.8	67.3	56.6	50.4	66.0	4.03	4.56	5.38	4.37	3.39	4.40	5.85	4.34	3.49	2.15	2.55	4.31	48.82
BAINBRIDGE	53.2	55.1	60.2	67.2	74.8	80.6	81.6	81.3	77.8	68.7	58.1	53.3	67.7	3.81	4.04	5.27	4.83	3.77	4.60	6.75	5.50	5.00	2.01	2.37	3.84	51.79
#BLAKELY	52.3	54.0	59.0	66.2	74.1	80.1	81.1	80.9	77.2	68.4	57.7	52.1	66.9	4.01	4.80	5.78	5.14	3.90	3.98	6.93	6.07	4.39	1.90	2.91	4.40	54.21
#CAIRO 2 NNW	•	•	•	•	•	•	•	•	•	•	•	•	•	3.52	3.88	5.28	4.96	3.49	4.84	6.73	6.09	4.63	2.24	2.35	3.30	51.31
#FORT GAINES	51.7	53.4	58.6	65.8	73.8	80.1	81.2	81.0	76.9	67.8	57.2	51.5	66.6	4.25	4.87	5.34	4.91	3.70	4.25	6.44	5.75	4.24	1.85	2.68	4.79	53.07
#THOMASVILLE	53.9	55.4	60.3	67.1	74.3	79.7	80.8	80.7	77.4	68.8	58.9	53.8	67.6	3.58	4.02	5.28	4.65	3.85	4.94	6.73	5.54	4.90	2.18	2.10	3.32	51.09
THOMASVILLE CO	53.7	55.3	60.4	67.8	75.4	80.8	82.0	81.9	78.4	69.7	59.4	53.9	68.2	3.58	3.99	5.26	4.64	3.84	4.82	6.81	5.56	4.82	2.27	2.08	3.34	51.01
DIVISION	52.5	54.2	59.4	66.7	74.4	80.4	81.4	81.2	77.5	68.5	58.0	52.5	67.2	3.78	4.32	5.32	4.71	3.71	4.43	6.33	5.29	4.27	2.05	2.51	4.01	50.73
SOUTH CENTRAL																											
ALAPAHA EXP STATION	52.0	53.7	58.5	65.9	73.6	79.4	80.9	77.8	76.7	67.7	57.7	51.9	66.3	3.20	3.88	4.73	4.25	3.52	4.25	5.95	5.43	3.86	2.19	1.68	3.11	46.05
#FITZGERALD	52.9	54.4	59.6	67.0	74.9	80.7	82.0	81.5	77.4	68.2	58.4	52.5	67.5	3.13	3.69	4.63	4.08	3.34	3.50	5.51	5.17	3.84	2.30	2.10	3.38	44.67
#LUMBER CITY	•	•	•	•	•	•	•	•	•	•	•	•	•	3.03	3.88	4.56	3.93	3.82	4.69	6.28	5.49	4.32	2.70	1.91	3.22	47.83
MOULTRIE 2 ESE	54.4	55.9	60.8	67.8	75.1	80.5	81.6	81.4	77.7	69.4	59.7	54.2	68.2	3.51	4.01	4.95	4.54	3.37	4.43	6.37	5.55	4.24	2.26	2.08	3.30	48.61
#QUITMAN	54.3	56.0	60.9	67.6	74.7	80.2	81.3	81.1	77.9	69.5	59.9	54.4	68.2	3.35	4.09	4.93	4.09	3.70	5.04	7.28	6.28	4.82	2.15	2.29	2.97	50.99
#TIFTON EXP STATION	51.7	53.2	58.3	66.0	73.9	79.7	81.0	80.8	77.1	68.1	57.9	51.8	66.6	3.39	3.83	4.66	4.26	3.39	4.11	6.30	5.02	3.74	2.04	1.80	3.23	45.77
DIVISION	52.9	54.4	59.4	66.7	74.3	80.1	81.4	81.1	77.3	68.3	58.4	52.6	67.2	3.19	3.83	4.67	4.09	3.54	4.48	6.28	5.39	4.14	2.30	1.97	3.18	47.06
SOUTHEAST																											
#BRUNSWICK	55.4	56.7	61.3	68.3	75.5	80.8	82.4	82.3	78.9	70.9	61.8	55.6	69.2	2.30	2.95	3.78	3.22	3.62	5.49	7.26	7.04	9.06	4.51	1.53	2.56	53.32
#GLENNVILLE	52.6	54.2	59.1	66.6	73.9	79.8	81.1	80.8	76.8	68.1	58.6	52.3	67.0	2.75	3.16	4.01	3.70	3.21	4.83	6.75	5.45	5.40	2.62	1.99	2.86	46.73
#SAVANNAH USDA PLANT GDN	51.3	52.8	57.7	64.6	72.0	78.4	80.2	80.0	75.9	66.4	56.6	50.9	65.6	2.60	3.13	3.82	3.09	4.49	5.80	7.55	6.28	7.02	2.93	2.09	2.76	51.56
SAVANNAH AP	51.7	53.1	58.3	65.7	73.4	79.7	81.3	81.0	76.7	67.2	57.3	51.4	66.4	2.78	3.68	3.97	3.70	3.77	5.09	6.61	6.62	5.25	2.58	2.05	2.81	48.91
#WAYCROSS	54.5	56.0	60.7	67.5	74.7	80.3	81.8	81.7	77.9	69.3	59.7	54.1	68.2	2.72	3.44	4.07	3.44	3.57	4.97	7.04	5.64	5.35	2.88	2.01	2.72	47.85
DIVISION	53.2	54.6	59.5	66.6	74.0	79.8	81.4	81.2	77.4	68.7	59.1	53.0	67.4	2.50	3.13	3.84	3.19	3.36	5.12	6.83	6.13	6.49	3.25	1.75	2.65	48.24

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1964 REVISIONS AND ADDITIONS TO CLIMATOGRAPHY OF THE UNITED STATES NO. 81-7 GEORGIA

TABLE I — NORMALS FOR FIRST ORDER STATIONS

DIVISION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ATLANTA AP													
G 1010 T 5													
MAX TEMP	52.0	53.7	60.3	70.1	78.9	85.7	87.0	86.6	81.8	72.4	60.9	52.4	70.2
MIN TEMP	37.3	38.4	42.5	50.2	59.2	67.5	70.7	69.8	64.3	52.4	41.5	37.1	52.6
AVG TEMP	44.7	46.1	51.4	60.2	69.1	76.6	78.9	78.2	73.1	62.4	51.2	44.8	61.4
DEG DAYS	639	529	437	168	25	0	0	0	18	127	414	626	2983

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1963 REVISIONS AND ADDITIONS TO
ERRATA SHEET FOR
CLIMATOGRAPHY OF THE UNITED STATES NO. 81-7
GEORGIA
TABLE II — NORMALS BY CLIMATOLOGICAL DIVISIONS

DIVISION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
TEMPERATURE (°F.)													
NORTHEAST HARTWELL	45.4	46.8	52.5	61.8	70.4	78.0	79.8	78.9	73.8	63.5	52.4	45.1	62.4
EAST CENTRAL MILLEN			57.8										66.3
SOUTH CENTRAL ALAPAHA EXP STATION								80.5					66.5
PRECIPITATION (In.)													
NORTH CENTRAL DIVISION		5.18			3.65								51.41
NORTHEAST HARTWELL	4.73	4.56	5.25	4.16	3.16	3.35	4.97	3.99	3.62	3.01	3.34	4.59	48.73

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