U. S. DEPARTMENT OF COMMERCE
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CLIMATOGRAPHY OF THE UNITED STATES NO. 81-14

DECENNIAL CENSUS OF UNITED STATES CLIMATE—

MONTHLY NORMALS OF TEMPERATURE, PRECIPITATION, AND HEATING DEGREE DAYS

LOUISIANA

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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
BATON ROUGE AP	H 64 T 5													
	MAX TEMP	62.5*	64.8	70.7	77.8*	84.1*	90.4*	91.1*	90.9*	87.7*	80.9	70.4	64.1*	78.0
	MIN TEMP	42.3	44.9	49.6	57.6	64.4	70.4	72.4	71.8*	67.0	56.3*	46.3*	43.3	57.2
	AVG TEMP	52.4	54.9	60.2	67.7*	74.3*	80.4*	81.8*	81.4*	77.4*	68.6*	58.4*	53.7*	67.6
	DEG DAYS	425*	308	217	39*	0	0	0	0	0	37*	231*	363*	1620
	PRECIP	4.78*	4.42	4.91*	4.77	4.80	4.09*	6.27	5.26*	3.52*	2.45	4.09	5.10	54.46
BURRWOOD WB	H 5 T 4													
	MAX TEMP	64.9	65.7	68.9	74.5*	81.4	87.3*	88.7*	88.6*	85.7*	80.0*	71.3*	66.7	77.0
	MIN TEMP	50.0	50.7	54.0	61.3	68.8*	74.9*	76.7*	77.0*	75.2	68.6	58.8*	52.6	64.1
	AVG TEMP	57.5	58.2	61.5	67.9*	75.1	81.1*	82.7*	82.8*	80.5*	74.3*	65.1*	59.7	70.5
	DEG DAYS	298	232	174	36*	0	0	0	0	0	0	96*	214	1050
	PRECIP	4.08	4.31	4.22*	4.01	4.08	4.25	6.69	7.52	7.67	3.40	4.15	3.97	58.35
LAKE CHARLES AP	H 12 T 5													
	MAX TEMP	62.3	65.0	70.3	77.7	84.5*	90.3*	91.5*	91.5	88.5	81.6*	70.4	64.1	78.1
	MIN TEMP	44.0	46.6	50.8	58.1	65.6*	72.1*	74.0*	73.8*	68.9	59.3	48.8	45.0	58.9
	AVG TEMP	53.2	55.8	60.6	67.9	75.1*	81.2*	82.8*	82.7*	78.7	70.5*	59.6	54.6	68.6
	DEG DAYS	397	280	211	39	0	0	0	0	0	19*	210	335	1491
	PRECIP	4.44	4.51	4.24*	4.37	4.61	4.72	7.29	4.80	4.02*	3.06	4.22	5.76	56.04
NEW ORLEANS CO	H 9 T 75													
	MAX TEMP	63.8	66.2	71.0	77.7	84.5*	89.8	90.6	90.6*	86.9	80.0*	69.8	64.7	78.0
	MIN TEMP	48.2	50.1	54.5	61.6	69.0*	74.7	76.2	76.4*	73.4	65.2*	54.2*	49.4	62.7
	AVG TEMP	56.0	58.2	62.8	69.7	76.8*	82.3	83.4	83.5*	80.2	72.6*	62.0*	57.1	70.4
	DEG DAYS	338	232	171	18	0	0	0	0	0	0	147*	276	1182
	PRECIP	4.42	4.69*	6.22	5.41	5.11	5.49	7.92*	6.34	5.99	3.22	3.74	4.70	63.25
NEW ORLEANS AP-MOISANT	H 3 T 5													
	MAX TEMP	64.4	66.7	71.2	77.7	84.4*	89.6	90.6*	90.7	87.2	80.3	70.3	65.3	78.2
	MIN TEMP	43.8	45.5	49.6	56.1	63.4*	69.5	71.6*	72.0	68.3	59.5*	48.6	44.5	57.7
	AVG TEMP	54.1	56.1	60.4	66.9	73.9*	79.6	81.1*	81.4	77.8	69.9*	59.5	54.9	68.0
	DEG DAYS	378	280	211	48	0	0	0	0	0	25*	201	332	1475
	PRECIP	3.84	3.99*	5.34	4.55	4.38	4.43	6.72	5.34	5.03	2.84	3.34	4.10	53.90
SHREVEPORT AP	H 252 T 6													
	MAX TEMP	56.7*	59.7	66.5	75.4	83.1	90.6	93.2	93.8	88.5	79.2	65.8	59.1*	76.0
	MIN TEMP	38.3	40.9	46.6*	55.2*	63.1	70.5*	73.2	72.7*	67.0*	55.3*	44.5*	40.0	55.6
	AVG TEMP	47.5*	50.3	56.6*	65.3*	73.1	80.6*	83.2	83.3*	77.8*	67.3*	55.2*	49.6*	65.8
	DEG DAYS	552*	426	304*	81*	0	0	0	0	0	59*	312*	477	2211
	PRECIP	4.80	4.09	4.15	4.57	4.79	3.34*	3.75	2.55	2.28	2.81	4.21	4.94	46.28

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

TEMPERATURE (°F)

STATIONS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
NORTHWEST DIVISION													
LOGANSPORT	*	*	*	*	*	*	*	*	*	*	*	*	*
MINDEN	48.3	51.4	57.4	65.6	72.8	80.3	83.0	82.9	77.6	67.7	55.5	49.4	66.0
PLAIN DEALING	46.4	49.5	55.8	64.6	72.1	79.9	82.9	83.0	77.4	67.1	54.5	48.2	65.1
SHREVEPORT AP	47.5	50.3	56.6	65.3	73.1	80.6	83.2	83.3	77.8	67.3	55.2	49.6	65.8
DIVISION	48.2	50.9	56.8	65.1	72.5	80.0	82.8	82.7	77.2	67.1	54.8	49.0	65.6
NORTH CENTRAL DIVISION													
CALHOUN EXP STATION	49.0	51.8	57.6	65.4	72.9	80.2	82.7	82.6	77.1	67.2	55.9	50.1	66.0
DIVISION	48.6	51.3	57.3	65.3	72.8	80.1	82.5	82.4	76.9	67.0	55.2	49.1	65.7
NORTHEAST DIVISION													
SAINT JOSEPH EXP STA	49.9	52.6	58.1	65.5	72.8	79.4	81.5	81.1	76.1	66.4	55.9	50.9	65.9
#TALLULAH DELTA LAB	48.6	51.5	57.4	65.1	72.0	78.8	80.9	80.4	75.1	65.1	54.6	49.4	64.9
WINNSBORO	49.6	52.1	58.2	65.9	73.3	80.3	82.7	82.6	77.2	67.3	56.1	50.6	66.3
DIVISION	48.6	51.3	57.5	65.5	73.0	79.9	82.2	82.0	76.5	66.5	55.4	49.6	65.7
WEST CENTRAL DIVISION													
DIVISION	50.2	53.3	58.8	66.4	73.4	79.9	82.2	82.2	76.4	67.8	56.6	51.6	66.6
CENTRAL DIVISION													
BUNKIE	51.8	54.5	59.5	67.1	74.2	80.6	82.4	82.0	77.4	68.5	57.8	52.8	67.4
CINCLARE	54.1	56.6	61.3	68.3	75.0	80.9	82.3	82.1	78.2	69.6	59.4	55.0	68.6
MELVILLE	53.3	55.9	60.9	67.9	74.5	80.6	82.2	82.0	77.6	68.9	58.8	54.3	68.1
SIMMESPORT	*	*	*	*	*	*	*	*	*	*	*	*	*
#URANIA	50.0	52.8	58.6	66.1	73.2	80.2	82.6	82.4	77.2	67.2	56.3	50.8	66.5
VILLE PLATTE 2 SW	52.8	55.5	60.3	67.6	74.8	80.9	82.5	82.3	77.9	69.2	58.7	53.9	68.0
DIVISION	52.0	54.8	60.0	67.3	74.2	80.5	82.3	82.1	77.6	68.4	57.8	52.9	67.5
EAST CENTRAL DIVISION													
ANGOLA	52.6	55.2	60.3	67.4	74.1	80.4	82.5	82.0	77.8	69.2	58.5	53.4	67.8
BATON ROUGE AP	52.4	54.9	60.2	67.7	74.3	80.4	81.8	81.4	77.4	68.6	58.4	53.7	67.6
BOGALUSA	52.2	54.6	59.7	67.0	74.4	80.4	82.2	81.8	77.6	68.7	58.0	52.7	67.4
COVINGTON 4 NNW	53.6	55.8	60.3	67.2	74.1	79.9	81.3	81.0	77.3	68.9	58.8	54.3	67.7
FRANKLINTON	*	*	*	*	*	*	*	*	*	*	*	*	*
PEARL RIVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DIVISION	52.7	55.1	59.7	66.7	73.8	79.9	81.6	81.2	77.2	68.4	58.0	53.3	67.3
SOUTHWEST DIVISION													
CROWLEY EXP STATION	*	*	*	*	*	*	*	*	*	*	*	*	*
ELIZABETH 1 NW	51.8	54.5	59.8	67.3	74.5	80.8	82.6	82.7	78.1	69.3	58.2	53.0	67.7
JENNINGS	54.2	56.7	61.4	68.4	75.2	81.3	82.7	82.5	78.8	70.6	60.0	55.2	68.9
LAKE ARTHUR 1 SW	*	*	*	*	*	*	*	*	*	*	*	*	*
LAKE CHARLES AP	53.2	55.8	60.6	67.9	75.1	81.2	82.8	82.7	78.7	70.5	59.6	54.6	68.6
DIVISION	53.2	55.6	60.5	67.9	74.9	80.9	82.4	82.3	78.3	69.9	59.3	54.2	68.3

PRECIPITATION (In.)

STATIONS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
NORTHWEST DIVISION													
LOGANSPORT	5.25	4.66	4.28	4.65	5.81	3.44	3.67	2.79	2.76	3.18	4.79	5.34	50.62
MINDEN	*	*	*	*	*	*	*	*	*	*	*	*	*
PLAIN DEALING	4.68	4.30	4.51	5.59	4.91	3.06	3.98	3.02	2.50	2.69	4.53	5.10	48.87
SHREVEPORT AP	4.80	4.09	4.15	4.57	4.79	3.34	3.75	2.55	2.28	2.81	4.21	4.94	46.28
DIVISION	5.04	4.40	4.46	5.15	5.51	3.07	3.89	2.88	2.63	2.78	4.38	4.93	49.12
NORTH CENTRAL DIVISION													
CALHOUN EXP STATION	5.72	4.75	4.72	4.94	5.12	3.54	4.08	2.69	2.71	2.88	4.38	5.66	51.19
DIVISION	5.87	4.94	4.98	5.29	5.54	3.79	4.74	2.95	2.62	2.77	4.46	5.19	53.14
NORTHEAST DIVISION													
SAINT JOSEPH EXP STA	5.37	5.41	5.98	5.16	5.02	3.79	4.70	3.30	2.40	2.20	4.38	5.37	53.08
#TALLULAH DELTA LAB	5.27	5.01	5.72	4.89	4.52	3.55	4.46	3.20	2.49	2.59	4.58	5.14	51.42
WINNSBORO	5.79	5.00	5.68	4.34	4.66	4.01	4.68	3.42	2.82	2.06	4.66	5.47	52.59
DIVISION	5.58	5.17	5.59	4.91	4.59	3.70	4.49	3.15	2.65	2.40	4.57	5.19	51.99
WEST CENTRAL DIVISION													
DIVISION	5.37	4.80	4.44	5.19	5.77	4.09	4.46	3.51	3.24	2.88	4.58	4.88	53.21
CENTRAL DIVISION													
BUNKIE	6.09	4.73	5.52	5.78	6.67	4.81	5.64	4.83	3.67	3.35	4.97	6.21	62.27
CINCLARE	5.52	4.85	5.04	5.17	5.31	4.26	6.99	5.15	4.41	2.61	4.22	5.28	58.81
MELVILLE	5.96	5.04	5.31	4.85	6.03	4.57	5.28	4.54	3.64	2.55	4.47	5.90	58.14
SIMMESPORT	6.01	5.02	5.75	5.53	7.01	4.76	5.42	4.42	3.20	2.99	4.97	6.40	61.48
#URANIA	6.12	5.55	6.18	5.99	5.92	3.79	5.52	3.50	2.83	2.73	4.59	5.94	58.66
VILLE PLATTE 2 SW	5.31	4.95	4.88	4.67	5.21	4.87	5.88	4.63	3.79	3.30	4.37	6.29	58.15
DIVISION	5.56	5.10	5.27	5.34	5.97	4.46	5.59	4.34	3.50	2.91	4.45	5.62	58.11
EAST CENTRAL DIVISION													
ANGOLA	*	*	*	*	*	*	*	*	*	*	*	*	*
BATON ROUGE AP	4.78	4.42	4.91	4.77	4.80	4.09	6.27	5.26	3.52	2.45	4.09	5.10	54.46
BOGALUSA	4.33	5.00	6.33	5.52	5.28	5.01	6.58	5.56	4.32	2.80	3.99	6.01	60.73
COVINGTON 4 NNW	4.54	4.84	6.18	5.26	5.19	5.31	6.89	5.82	5.41	3.04	3.85	5.64	61.97
FRANKLINTON	5.08	5.40	6.08	5.82	5.44	5.89	6.90	5.69	4.58	2.83	4.32	5.84	63.87
PEARL RIVER	4.64	4.84	6.43	5.47	4.96	5.68	7.71	6.42	5.59	2.88	4.33	4.90	63.85
DIVISION	4.84	4.89	6.15	5.25	5.20	4.97	6.65	5.14	4.50	2.66	4.31	5.74	60.30
SOUTHWEST DIVISION													
CROWLEY EXP STATION	5.42	4.49	4.15	4.48	5.12	5.08	6.25	6.11	4.00	2.80	4.22	5.71	57.83
ELIZABETH 1 NW	5.60	4.94	5.24	5.32	6.15	4.39	5.72	4.48	4.02	3.47	4.92	5.99	60.24
JENNINGS	5.69	4.87	4.49	4.87	5.87	5.24	6.51	5.77	4.71	3.07	4.16	5.65	60.90
LAKE ARTHUR 1 SW	5.39	4.56	4.11	3.97	5.02	4.36	6.86	6.57	4.38	3.11	4.43	4.97	57.73
LAKE CHARLES AP	4.44	4.51	4.24	4.37	4.61	4.72	7.29	4.80	4.02	3.06	4.22	5.76	56.04
DIVISION	5.09	4.84	4.19	4.72	5.55	4.63	6.70	5.16	4.18	3.07	4.42	5.38	57.93

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

LOUISIANA

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
SOUTH CENTRAL DIVISION																										
JEANERETTE EXP FARM	*	*	*	*	*	*	*	*	*	*	*	*	*	4.51	4.34	4.58	4.15	4.82	5.57	8.13	6.24	4.53	2.85	3.90	5.10	58.72
LAFAYETTE FAA AIRPORT	53.6	56.2	60.9	68.1	74.9	80.8	82.2	82.0	78.1	69.6	59.3	54.8	68.4	5.08	4.51	4.47	4.69	5.04	5.08	6.93	5.88	4.17	3.04	4.07	5.51	58.47
MORGAN CITY	56.0	58.3	62.4	69.0	75.6	81.1	82.2	82.2	78.9	71.0	61.0	56.8	69.5	4.72	5.12	4.91	4.54	4.76	5.41	8.32	7.57	6.76	3.42	4.22	5.50	65.25
DIVISION	54.6	56.9	61.3	68.3	75.1	80.6	82.0	81.9	78.3	70.0	59.9	55.5	68.7	4.51	4.56	4.68	4.59	4.80	5.38	7.71	6.31	5.27	2.95	4.03	5.27	60.06
SOUTHEAST DIVISION																										
BURRWOOD WB	57.5	58.2	61.5	67.9	75.1	81.1	82.7	82.8	80.5	74.3	65.1	59.7	70.5	4.08	4.31	4.22	4.01	4.08	4.25	6.69	7.52	7.67	3.40	4.15	3.97	58.35
#DONALDSONVILLE	55.6	57.7	62.3	69.0	75.7	81.2	82.4	82.5	79.1	71.0	60.9	56.5	69.5	4.76	5.09	5.05	5.14	5.66	4.62	6.22	5.74	5.40	2.73	4.33	5.13	59.87
HOUMA 1 SW	56.5	58.6	62.4	68.9	75.1	80.2	81.6	81.6	78.3	70.4	61.0	57.2	69.3	4.11	4.09	5.27	4.48	4.81	6.39	8.43	7.62	6.63	3.76	3.99	4.81	64.39
NEW ORLEANS CO	56.0	58.2	62.8	69.7	76.8	82.3	83.4	83.5	80.2	72.6	62.0	57.1	70.4	4.42	4.69	6.22	5.41	5.11	5.49	7.92	6.34	5.99	3.22	3.74	4.70	63.25
NEW ORLEANS AP-MOISANT	54.1	56.1	60.4	66.9	73.9	79.6	81.1	81.4	77.8	69.9	59.5	54.9	68.0	3.84	3.99	5.34	4.55	4.38	4.43	6.72	5.34	5.03	2.84	3.34	4.10	53.90
#PARADIS 7 S	*	*	*	*	*	*	*	*	*	*	*	*	*	4.84	5.23	6.21	5.07	5.36	6.01	7.44	6.50	5.96	3.35	4.07	5.54	65.58
#RESERVE	53.8	55.9	60.6	67.8	75.1	81.0	82.5	82.3	78.7	70.4	59.8	54.6	68.5	4.49	5.16	5.64	4.92	4.90	5.31	7.00	5.74	5.14	2.96	3.77	5.54	60.57
DIVISION	56.2	58.0	62.2	68.7	75.4	80.9	82.2	82.4	79.2	71.5	61.5	56.8	69.6	4.36	4.61	5.20	4.89	4.70	5.52	7.74	6.74	6.64	3.12	3.89	4.99	62.40

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1963 REVISIONS AND ADDITIONS TO CLIMATOGRAPHY OF THE UNITED STATES NO. 81-14
LOUISIANA
TABLE I — NORMALS FOR FIRST ORDER STATIONS

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ALEXANDRIA AP													
* H 92 T 5													
MAX TEMP	60.7	63.7	70.4	77.6	83.4	89.7	91.8	92.4	88.1	80.1	68.8	61.8	77.4
MIN TEMP	39.9	41.9	46.4	54.0	62.3	69.6	72.6	71.7	65.9	54.1	44.3	40.8	55.3
AVG TEMP	50.3	52.8	58.4	65.8	72.9	79.7	82.2	82.1	77.0	67.1	56.6	51.3	66.4
DEG DAYS	471	361	260	69	0	0	0	0	0	56	273	431	1921
PRECIP	5.32	4.97	4.97	5.70	5.54	4.29	5.25	3.48	3.13	3.53	4.78	5.73	56.69
BATON ROUGE AP													
G 64 T 5													
MAX TEMP	63.5	65.8	71.7	78.8	85.1	91.4	92.0	91.9	87.7	80.9	70.4	64.1	78.6
MIN TEMP	42.3	44.9	49.6	57.6	64.4	70.4	73.4	72.8	68.0	57.3	47.3	43.3	57.6
AVG TEMP	52.9	55.4	60.7	68.2	74.8	80.9	82.7	82.4	77.9	69.1	58.9	53.7	68.1
DEG DAYS	409	294	208	33	0	0	0	0	0	31	216	369	1560
BURRWOOD WB													
H 5 T 4													
MAX TEMP	64.9	65.7	68.9	74.5	81.4	87.3	88.7	89.6	86.7	81.0	71.3	66.7	77.2
MIN TEMP	50.0	51.7	55.0	62.3	69.8	75.9	77.7	78.0	76.2	68.6	58.8	52.6	64.7
AVG TEMP	57.5	58.7	62.0	68.4	75.6	81.6	83.2	83.8	81.5	74.8	65.1	59.7	71.0
DEG DAYS	298	218	171	27	0	0	0	0	0	0	96	214	1024
LAKE CHARLES AP													
H 14 T 5													
MAX TEMP	62.3	65.0	71.3	77.7	84.5	89.3	90.5	90.5	87.5	80.6	69.4	63.1	77.6
MIN TEMP	45.0	47.6	50.8	58.1	66.6	73.1	74.0	73.8	69.9	60.3	49.8	46.0	59.6
AVG TEMP	53.7	56.3	61.1	67.9	75.6	81.2	82.3	82.2	78.7	70.5	59.6	54.6	68.6
DEG DAYS	381	274	195	39	0	0	0	0	0	19	210	341	1459
NEW ORLEANS AP-MOISANT													
G 3 T 6													
MAX TEMP	64.4	66.7	71.2	77.7	84.4	89.6	90.6	90.7	87.2	80.3	70.3	65.3	78.2
MIN TEMP	44.8	47.5	51.6	58.1	64.4	70.5	72.6	73.0	69.3	60.5	49.6	45.5	59.0
AVG TEMP	54.6	57.1	61.4	67.9	74.4	80.1	81.6	81.9	78.3	70.4	60.0	55.4	68.6
DEG DAYS	363	258	192	39	0	0	0	0	0	19	192	322	1385
NEW ORLEANS CO-AUDUBON													
* H 6 T 5													
MAX TEMP	64.8	67.3	71.7	78.4	85.3	90.3	91.4	91.6	88.1	81.4	71.3	65.9	79.0
MIN TEMP	46.2	48.0	52.4	59.4	66.0	71.9	73.7	73.4	69.7	60.7	50.6	47.2	59.9
AVG TEMP	55.5	57.7	62.1	68.9	75.7	81.1	82.6	82.5	78.9	71.1	61.0	56.6	69.5
DEG DAYS	344	241	177	24	0	0	0	0	0	12	165	291	1254
PRECIP	4.29	4.35	5.91	5.54	4.86	5.59	8.12	6.64	6.41	3.15	3.51	4.59	62.96
SHREVEPORT AP													
G 252 T 5													
MAX TEMP	56.7	59.7	66.5	75.4	83.1	90.6	94.2	94.8	90.5	81.2	66.8	59.1	76.6
MIN TEMP	38.3	40.9	46.6	55.2	63.1	70.5	73.2	72.7	67.0	55.3	44.5	40.0	55.6
AVG TEMP	47.5	50.3	56.6	65.3	73.1	80.6	83.7	83.8	78.8	68.3	55.7	49.6	66.1
DEG DAYS	552	426	304	81	0	0	0	0	0	47	297	477	2184

Continued

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TABLE II — NORMALS BY CLIMATOLOGICAL DIVISIONS

LOUISIANA

DIVISION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
TEMPERATURE (°F.)													
NORTHWEST DIVISION	47.8			65.2	72.6			82.8	77.3	67.3	55.2	49.2	65.7
NORTH CENTRAL DIVISION	48.8	51.5	57.4	65.4	72.7		82.4	82.2	77.0	67.2	55.8	49.7	65.9
NORTHEAST DIVISION		51.2	57.4	65.4	73.1	80.2	82.4	82.1	76.8	66.9	55.6	49.7	65.8
WEST CENTRAL DIVISION	50.4	53.2	58.7	66.3	73.3	80.1	82.3		77.1	67.9	56.7	51.7	66.7
CENTRAL DIVISION	52.1		59.9							68.6	58.0	53.1	
EAST CENTRAL DIVISION	52.6	54.9	59.8	66.6	73.7	79.8	81.5			68.5		53.2	
SOUTHWEST DIVISION		55.7	60.6	67.8						70.0	59.5	54.4	
SOUTH CENTRAL DIVISION	54.5			68.2	75.0					70.1	60.0	55.6	
SOUTHEAST DIVISION	56.0		62.0	68.6	75.3		82.3			71.6	61.7	57.0	
PRECIPITATION (In.)													
NORTHWEST DIVISION	5.19	4.42	4.45	4.97	5.02	3.18	3.96	2.99			4.60	5.13	49.32
NORTH CENTRAL DIVISION	5.80	4.91	4.91	5.15	5.18	3.98	5.02	3.21	2.93	2.82	4.47	5.48	53.86
NORTHEAST DIVISION	5.60	5.28	5.51	4.97	4.61	3.77	4.59		2.61	2.38	4.67	5.38	52.52
WEST CENTRAL DIVISION	5.42	4.77	4.57	5.13	5.57	4.07	4.61	3.57	3.19	2.89	4.70	5.34	53.83
CENTRAL DIVISION	5.64	4.91	5.28	5.32	5.83	4.54	5.55	4.44	3.64	3.00	4.60	5.75	58.50
EAST CENTRAL DIVISION	4.87	4.94	5.91	5.26	5.17	4.94	6.67	5.31	4.28	2.80	4.11	5.67	59.93
SOUTHWEST DIVISION	5.24	4.58	4.27	4.41	5.35	4.79	6.59	5.46	4.42	3.16	4.53	5.46	58.26
SOUTH CENTRAL DIVISION	4.58	4.61	4.67	4.55		5.44	7.60	6.44	5.35	2.98	4.02	5.28	60.32
SOUTHEAST DIVISION	4.26	4.51	5.14	4.72	4.69	5.26	7.52	6.66	6.63	3.30	3.92	4.75	61.36

SOUTHWEST DIVISION
LAKE ARTHUR 10 SW
(CORRECTION TO NAME ONLY)

* NEW STATION

REVISIONS TO FIRST ORDER STATIONS IN TABLE I AFFECT THE SAME STATIONS IN TABLE II.

USCOMM-WB-Asheville, N. C. -3/31/64- 1900