



A New Web Link to Southeast Climate Data



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Ia. Home Page (Section 1)

Welcome to the Florida Climate Center Data Server

This page (1) allows data to be downloaded from the FCC data server and (2) provides links to other data sources.

Data available from the Florida Climate Center:

1. Basic Data

Daily maximum and minimum temperatures and rainfall for sites in Alabama, Florida, and Georgia are available to researchers. Data from cooperative and first-order NWS observing stations were acquired from the 3200 files maintained at the NCDC and placed in ASCII format. Each county is represented by one station. In cases where complete data were not available, one station may represent more than one county. The links below connect to lists of stations for which these basic data are available. Data can be accessed by clicking on the hyperlink of each county name within these lists. A key to the data in each file can be accessed by clicking on the "DATA_KEY" link below.

Alabama(by county) [\[CLICK state name to view available Alabama data\]](#)
Florida(by county) [\[CLICK state name to view available Florida data\]](#)
Georgia(by county) [\[CLICK state name to view available Georgia data\]](#)
DATA_KEY [\[CLICK "DATA KEY" to view key to data\]](#)

Ib. State Listing of Counties (Alabama)

COUNTY REPRESENTED	STATION NAME	COOPID	CROPID	LAT	LONG	COUNTY WITHIN	ELEVATION (m)
AUTAUGA	CLANTON	11694	AL14	32:49:00	-86:39	CHILTON	185.9
BALDWIN	BAY MINNETTE 3 NNW	10583	AL06	30:53:00	-87:47	BALDWIN	82.6
BARBOUR	CLAYTON	11725	AL15	31:53:00	-85:29	BARBOUR	152.4
BIBB	TUSCALOOSA MUNICIPAL AP	18380	AL51	33:13:00	-87:37	TUSCALOOSA	51.2
BLOUNT	ONEONTA	16121	AL40	33:57:00	-86:28	BLOUNT	271.9
BULLOCK	UNION SPRINGS 9 S	18438	AL52	32:01:00	-85:45	BULLOCK	134.1
BUTLER	GREENVILLE	13519	AL24	31:48:00	-86:37	BUTLER	104.2
CALHOUN	ANNISTON METROPOLITAN AP	10272	AL03	33:35:00	-85:51	CALHOUN	181.1
CHAMBERS	LAFAYETTE 2 W	14502	AL32	32:54:00	-85:26	CHAMBERS	225.6
CHEROKEE	ANNISTON METROPOLITAN AP	10272	AL03	33:35:00	-85:51	CALHOUN	181.1
CHILTON	CLANTON	11694	AL14	32:49:00	-86:39	CHILTON	185.9
CHOCTAW	DEMOPOIS LOCK AND DAM	12245	AL16	32:31:00	-87:53	MARENGO	30.5
CLARKE	THOMASVILLE	18178	AL50	31:32:00	-87:53	CLARKE	123.4
CLAY	HEFLIN	13775	AL28	33:39:00	-85:36	CLEBURNE	259.1
CLEBURNE	HEFLIN	13775	AL28	33:39:00	-85:36	CLEBURNE	259.1
COFFEE	ANDALUSIA 3 W	10252	AL02	31:18:00	-86:31	COVINGTON	76.2
COLBERT	MUSCLE SHOALS REGIONAL A	15749	AL39	34:45:00	-87:36	COLBERT	164.6
CONECUH	EVERGREEN	12758	AL18	31:27:00	-86:57	CONECUH	88.4
COOSA	ROCKFORD 3 ESE	17020	AL42	32:52:00	-86:11	COOSA	182.9
COVINGTON	ANDALUSIA 3 W	10252	AL02	31:18:00	-86:31	COVINGTON	76.2
CRENSHAW	HIGHLAND HOME	13816	AL29	31:53:00	-86:15	CRENSHAW	132
CULLMAN	SAINT BERNARD	17157	AL45	34:10:00	-86:49	CULLMAN	243.8
DALE	HEADLAND	13761	AL27	31:22:00	-85:20	HENRY	112.8
DALLAS	SELMA	17366	AL48	32:25:00	-87:01	DALLAS	44.8
DEKALB	VALLEY HEAD	18469	AL53	34:34:00	-85:37	DEKALB	323.7
ELMORE	CAMP HILL 2 NW	11324	AL11	32:49:00	-85:39	TALLAPOOSA	207.3
ESCAMBIA	BREWTON 3 SSE	11084	AL09	31:03:00	-87:03	ESCAMBIA	25.9
ETOWAH	GADSDEN	13154	AL21	34:01:00	-85:59	ETOWAH	172.2
FAYETTE	FAYETTE	12883	AL20	33:41:00	-87:49	FAYETTE	111.3
FRANKLIN	RUSSELLVILLE NO 2	17131	AL44	34:31:00	-87:44	FRANKLIN	253
GENEVA	ANDALUSIA 3 W	10252	AL02	31:18:00	-86:31	COVINGTON	76.2
GREENE	GAINESVILLE LOCK	13160	AL22	32:50:00	-88:08	GREENE	38.1
HALE	GREENSBORO	13511	AL23	32:42:00	-87:35	HALE	67.1
HENRY	HEADLAND	13761	AL27	31:22:00	-85:20	HENRY	112.8
HOUSTON	HEADLAND	13761	AL27	31:22:00	-85:20	HENRY	112.8
JACKSON	SCOTTSBORO	17304	AL47	34:40:00	-86:03	JACKSON	187.5
JEFFERSON	BIRMINGHAM MUNICIPAL AP	10831	AL08	33:34:00	-86:45	JEFFERSON	187.5
LAMAR	VERNON 2 N	18517	AL54	33:44:00	-88:08	LAMAR	90.8
LAUDERDALE	BELLE MINA 2 N	10655	AL07	34:41:00	-86:53	LIMESTONE	182.9
LAWRENCE	MOULTON 2	15635	AL38	34:29:00	-87:18	LAWRENCE	196.6
LEE	OPELIKA	16129	AL41	32:40:00	-85:27	LEE	195.1
LIMESTONE	BELLE MINA 2 N	10655	AL07	34:41:00	-86:53	LIMESTONE	182.9
LOWNDES	MONTGOMERY DANNELLY FLD	15550	AL37	32:18:00	-86:24	MONTGOMERY	61.6
MACON	MONTGOMERY DANNELLY FLD	15550	AL37	32:18:00	-86:24	MONTGOMERY	61.6
MADISON	HUNTSVILLE INTL/JONES FIELD	14064	AL30	34:39:00	-86:47	MADISON	190.2
MARENGO	DEMOPOIS LOCK AND DAM	12245	AL16	32:31:00	-87:53	MARENGO	30.5
MARION	HAMILTON 3 S	13645	AL26	34:06:00	-87:59	MARION	132.6
MARSHALL	SAND MT SUBSTATION	17207	AL46	34:17:00	-85:58	DEKALB	364.2
MOBILE	MOBILE REGIONAL AP	15478	AL36	30:41:00	-88:15	MOBILE	65.5
MONROE	ATMORE STATE NURSERY	10402	AL04	31:10:00	-87:26	ESCAMBIA	91.4
MONTGOMERY	MONTGOMERY DANNELLY FIELD	15550	AL37	32:18:00	-86:24	MONTGOMERY	61.6
MORGAN	HUNTSVILLE INTL/JONES FIELD	14064	AL30	34:39:00	-86:47	MADISON	190.2
PERRY	MARION JUNCTION 2 NE	15121	AL35	32:28:00	-87:14	DALLAS	61
PICKENS	VERNON 2 N	18517	AL54	33:44:00	-88:08	LAMAR	90.8
PIKE	UNION SPRINGS 9 S	18438	AL52	32:01:00	-85:45	BULLOCK	134.1
RANDOLPH	ROCK MILLS	17025	AL43	33:10:00	-85:17	RANDOLPH	227.1
RUSSELL	EUFAULA WILDLIFE REF	12730	AL17	32:00:00	-85:05	BARBOUR	65.5
SHELBY	CALERA	11288	AL10	33:07:00	-86:45	SHELBY	161.5
ST. CLAIR	GADSDEN	13154	AL21	34:01:00	-85:59	ETOWAH	172.2
SUMTER	LIVINGSTON	14798	AL34	32:35:00	-88:11	SUMTER	39
TALLADEGA	TALLADEGA	18024	AL49	33:25:00	-86:08	TALLADEGA	136.6
TALLAPOOSA	ALEXANDER CITY	10160	AL01	32:57:00	-85:57	TALLAPOOSA	195.1
TUSCALOOSA	BANKHEAD LOCK AND DAM	10505	AL05	33:27:00	-87:21	TUSCALOOSA	85.3
WALKER	JASPER	14226	AL31	33:54:00	-87:19	WALKER	148.1
WASHINGTON	CHATAM	11566	AL12	31:28:00	-88:15	WASHINGTON	86.9
WILCOX	WHATLEY	18867	AL55	31:39:00	-87:43	CLARKE	51.8
WINSTON	HALEYVILLE	13620	AL25	34:14:00	-87:38	MARION	280.4

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Mouseover County Name:

Left click to display data in your browser. Right click to download data.

Ic. Sample Data

Station: MOBILE REGIONAL AP
State: AL
County: MOBILE
Climate Division: 8
Elevation(m): 65.5000
COOPID: 15478
WBANID:
Lat(decimal degrees): 30.6833
Lon(decimal degrees): -88.2500

YYYY	MM	DD	TOBS	TMIN(F)	TMAX(F)	RAIN(HI)
1948	1	1	24	40	70	13
1948	1	2	24	34	53	0
1948	1	3	24	34	63	0
1948	1	4	24	41	67	0
1948	1	5	24	35	64	0
1948	1	6	24	39	68	0
1948	1	7	24	38	65	0
1948	1	8	24	41	71	0
1948	1	9	24	48	74	0
1948	1	10	24	45	60	0
1948	1	11	24	40	60	0
1948	1	12	24	48	66	182
1948	1	13	24	32	59	38
1948	1	14	24	27	43	0
1948	1	15	24	24	49	0
1948	1	16	24	37	58	0
1948	1	17	24	21	48	43
1948	1	18	24	14	42	0
1948	1	19	24	26	47	10
1948	1	20	24	40	52	37
1948	1	21	24	39	50	44
1948	1	22	24	34	58	0
1948	1	23	24	24	47	19
1948	1	24	24	21	39	0
1948	1	25	24	21	52	0
1948	1	26	24	34	63	0
1948	1	27	24	35	65	121
1948	1	28	24	31	35	29
1948	1	29	24	32	47	12
1948	1	30	24	37	47	100
1948	1	31	24	32	48	0

A. Key for header of each file:

Station: Name of observation site.
State: Two-character state identifier.
County: County in which station is located.
Climate Division: Cooperative Network (Climate) Division Number assigned by NCDC.

Elevation(m): Elevation of observation site in meters.
COOPID: A 5- or 6-character station identifier assigned by NCDC. Leading zeroes are dropped. The first, or first two digits refer to a state code. The last four digits refer to an NCDC Cooperative Network Index.

WBANID: A 5-character station identifier assigned by NCDC. It originally referred to Weather Bureau, Army and Navy stations.

Lat(decimal degrees): Latitude of observation site in decimal degrees.
Lon(decimal degrees): Longitude of observation site in decimal degrees.

B. Key for each record of data:

YYYY: Year
MM: Month
DD: Day
TOBS: Time of observation
TMIN(F): Daily minimum temperature. Minimum temperature reading for 24 hours ending at time of observation in whole degrees Fahrenheit.
TMAX(F): Daily maximum temperature. Maximum temperature reading for 24 hours ending at time of observation in whole degrees Fahrenheit.
RAIN(HI): Daily precipitation. Precipitation total for 24 hours ending at time of observation in hundredths of an inch.

II. Home Page (Section 2)

2. Links to other sites.

Links below are to data sources other than those located at the Florida Climate Center.

PRISM

This web site provides access to high-quality spatial climate data.

National Weather Service Precipitation Analysis

This experimental product displays "observed" rainfall data (derived from 12 NWS River Forecast Centers(RFCs)) as a gridded field with a spatial resolution of 4X4 km.