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CLIMATOLOGICAL DATA

ALABAMA
JANUARY 1969

Continued

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										31+ or Above	30+ or Below	31+ or Below	30+ or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * 06																											
PRAIRIE																											
DAYTON	54.4	35.8	45.1		75	24	13	5	610	0	0	15	0	3.11		2.02	19	.0	0		7	1	1				
MEMPHIS LOCK AND DAM	54.4	33.4			74	24	14	6	610	0	0	17	0	3.68	- 1.01	1.97	19	.0	0		6	1	1				
GAINESVILLE	53.1	33.6	43.4		74	24	14	5	664	0	0	17	0	3.74		1.55	19	T	0		9	1	1				
GREENSBORO	54.4	36.2	45.3	- 4.0	69	30	13	5	602	0	0	14	0	4.61	- .15	1.58	19	.0	0		7	3	2				
HAYNEVILLE	56.1	33.3	44.7		73	31	14	6	615	0	0	17	0	1.98		1.22	19	.0	0		4	1	1				
LIVINGSTON 2 SW	54.3	34.1	44.2		75	24	14	5	638	0	0	16	0	4.14		2.45	19	.0	0		7	2	1				
MARION JUNCTION 2 NE	55.5	35.5	45.5		70	30	13	5	597	0	0	14	0	4.46		2.68	19	.0	0		5	2	1				
MINTER 3 NW	56.1	34.3	45.2		74	31	12	5	606	0	0	18	0	3.31		1.84	19	.0	0		7	2	1				
MONTGOMERY WB AP	57.9	37.1	47.5	- .6	76	31	19	5	536	0	0	15	0	1.85	- 2.21	.91	19	.0	0		4	1	0				
SELMA	58.0	37.3	47.7	- 3.2	74	30	16	6+	532	0	0	11	0	3.92	- .45	2.01	19	.0	0		6	2	2				
TUSKEGEE 3 S																											
UNION SPRINGS	56.2	34.8	45.5	- 4.8	74	31	16	5	598	0	0	14	0	1.43	- 2.90	.58	19	.0	0		4	1	0				
DIVISION																											
			45.4	- 4.3										3.29	- 1.03				T								
* * * 07																											
COASTAL PLAIN																											
ANOLAUSIA 1 NW	58.7	34.6	46.7		76	10	15	6	561	0	0	17	0	1.40		.45	19	.0	0		5	0	0				
BEATRICE 1 E	58.3	29.1	43.7		75	30	13	8+	658	0	0	21	0					.0	0								
BRANTLEY	60.9	31.5	40.2		74	31	13	6	572	0	0	18	0	1.10	- 3.66	.44	19	.0	0		5	0	0				
BRENTON 3 SSE	63.1	36.4	49.8	- 1.9	78	9	15	6	473	0	0	16	0	2.19	- 2.46	1.38	19	.0	0		6	1	1				
CAMDEN 3 NW	58.5	33.4	46.0		74	23	12	5	585	0	0	16	0	3.35		2.02	19	.0	0		5	2	1				
CHATM 3 N	60.1	37.8	49.0		77	23	14	5	493	0	0	12	0	3.07		1.33	19	.0	0		5	2	0				
CLAYTON	56.6	36.0	46.3		74	31	18	5	573	0	0	11	0	1.05	- 3.63	.46	20	.0	0		4	0	0				
DOTHAN FAA AIRPORT	59.9	40.3	50.1		75	9	24	6	455	0	0	10	0	.54	- 3.29	.35	22	.0	0		1	0	0				
ENTERPRISE 3 NW	58.3	36.6	47.5		75	10	20	6+	538	0	0	13	0	2.01		1.28	20	.0	0		5	1	1				
EUFAULA WILDLIFE REF	57.6	34.0	45.8		74	25	14	6	589	0	0	16	0	1.13		.35	20	.0	0		5	0	0				
EVERGREEN	59.4	36.2	47.8		73	30+	18	5	526	0	0	14	0	1.80		1.17	19	.0	0		3	1	1				
FRISCO CITY	59.2	36.0	47.6		76	24	14	5	531	0	0	13	0	2.72	- 1.82	2.04	19	.0	0		4	1	1				
GENEVA	59.4	36.1	47.8		74	31+	17	6	529	0	0	16	0	1.19	- 2.70	.42	1	.0	0		5	0	0				
GILBERTOWN	58.9	36.4	47.7		77	23	14	5	532	0	0	16	0	2.93		1.60	19	T	0		6	1	1				
GREENVILLE	58.8	30.7	44.8	- 6.4	75	31	13	6+	643	0	0	0	0	1.43	- 3.29	1.06	19	.0	0		2	1	1				
HEADLAND	59.4	36.4	47.9		78	10	20	6	526	0	0	13	0	1.61		.88	20	.0	0		4	1	0				
HIGHLAND HOME	56.2	34.9	45.6	- 5.4	74	31	16	6	594	0	0	15	0	1.87	- 2.99	1.15	19	.0	0		5	1	1				
OZARK 6 NNW	59.5	35.1	47.3	- 5.0	75	31	16	5	541	0	0	14	0	1.25	- 2.86	.70	19	.0	0		2	1	0				
PHENIX CITY 2 NNW	54.6	33.5	44.1		72	31	13	6	643	0	0	17	0	1.92		.60	20+	.0	0		5	2	0				
PITTSVIEW	56.6	30.2	43.4		74	31	10	6	663	0	0	18	0	1.09		.34	19	.0	0		4	0	0				
THOMASVILLE	56.3	35.5	45.9		74	24	15	5	584	0	0	15	0	3.04		2.00	19	.0	0		5	1	0				
TROY	59.4	38.5	49.0	- 1.6	74	31+	16	5	491	0	0	11	0	.85	- 3.66	.38	19	.0	0		3	0	1				
WATLEY	60.9	33.5	47.2		74	23	11	5	543	0	0	16	0	2.80		2.05	19	.0	0		4	1	1				
DIVISION																											
			46.8	- 4.4										1.83	- 2.63				T								
* * * 08																											
GULF																											
BAY MINETTE	61.4	41.2	51.3		77	9	19	5	425	0	0	10	0	4.57				.0	0								
COHEN	63.3	41.9	52.6		73	31+	22	5	381	0	0	11	0	3.27		1.67	18	.0	0		5	2	1				
FAIRHOPE 2 NE	62.1	42.3	52.2	- 1.4	78	31	22	5	399	0	0	8	0	4.26	.05	2.00	18	.0	0		4	2	2				
FORT MORGAN	60.6	46.0	53.3		76	9	29	5	356	0	0	2	0	3.78		2.23	17	.0	0		5	2	1				
MOBILE WB AIRPORT	60.7	42.2	51.5	- 1.5	76	9	20	5	420	0	0	10	0	2.79	- 1.85	1.05	18	.0	0		5	2	1				
ROBERTSOALE 1 E	61.1	38.3	49.7		75	24	20	5	469	0	0	11	0	5.89	1.46	2.60	19	.0	0		4	3	2				
DIVISION																											
			51.8	- 1.5										4.09	- .35				.0								

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	78	OATE	31+
LOWEST TEMPERATURE SCOTTSBORO	3	OATE	06
GREATEST TOTAL PRECIPITATION BIRMINGHAM WB AP R	7.78		
LEAST TOTAL PRECIPITATION DOTHAN FAA AIRPORT	.54		
GREATEST 1 DAY PRECIPITATION MONTEVALLO	3.60	OATE	19
GREATEST TOTAL SNOWFALL NEW MARKET 2	1.0		
GREATEST DEPTH OF SNOW VALLEY HEAD	T	OATE	27

See Reference Notes Following Station Index

BINDERY S
JOSEPH RUZICK

42

Baltimore, Md. Greensboro, N. C.

RES

ALABAMA
JANUARY 1969

Buckram No. <i>25237-814</i>	Rub Enclosed
Pamphlet No.	New Title; Keep Rub
Top	Do Not Keep Rub
Top	Stub For
Index	Use Bench Sewing
Bind in	Issues Covers
Strip Ads in all but 1st No.	Refold Plates Before Trimming
Strip Ads in all Nos.	Mount on Guards
Special Instructions	Book Rate

4154

This Volume Lacks

Letter Spine Exactly as Shown Below

LOSE MARGIN.

Bindery will disregard this column

4338—Rev.

		th																												Average
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													Average	
		59	58	55	56	44	48	50	57	45	40	35	41	46	57	65													46.4	
		38	46	45	39	39	41	44	37	21	21	25	34	35	42	40													28.3	
		55	56	55	47	48	51	58	57	43	35	48	46	52	65	59													48.6	
		44	49	46	40	41	46	47	37	25	22	30	37	42	50	42													31.0	
		59	57	57	51	45	49	51	58	44	40	40	49	46	55	66													47.7	
		36	47	49	39	40	41	45	43	25	20	22	38	40	45	44													28.4	
		58	60	58	45	48	53	64	60	44	40	50	50	57	62	58													50.7	
		43	49	40	34	37	42	43	30	17	18	27	36	43	51	38													28.4	
		54	56	55	45	49	50	57	53	41	35	46	45	53	65	53													47.1	
		47	51	44	42	43	44	48	30	25	25	33	39	45	51	44													31.4	
		55	58	56	45	49	52	59	58	43	35	49	48	55	65	57													49.9	
		47	52	44	38	41	45	47	35	23	20	32	39	46	54	42													30.8	
		55	58	50	45	48	51	64	50	42	36	49	50	56	65	51													49.0	
		47	49	41	39	41	46	48	25	21	23	31	40	48	51	42													31.4	
		56	56	54	46	53	56	56	55	38	34	45	45	51	62	57													47.3	
		50	50	45	41	41	44	41	36	22	21	29	38	44	50	41													30.3	
		62	56	60	50	44	49	55	65	45	41	40	49	54	60	63													48.9	
		41	50	45	38	41	42	44	33	22	22	25	37	43	51	44													30.5	
		55	57	55	45	50	51	58	56	40	36	46	45	57	66	54													48.5	
		47	50	44	41	42	45	48	28	24	21	32	37	42	50	43													29.5	
		62	56	58	52	45	51	58	62	53	42	48	49	51	57	61													49.8	
		47	57	46	37	37	40	39	35	32	20	20	33	40	47	41													26.2	
		61	59	55	44	47	51	61	57	43	40	47	51	59	61	57													50.1	
		49	52	44	37	39	43	46	36	18	23	33	40	47	57	42													31.7	
		53	57	55	53	54	51	54	52	41	41	43	39	48	64	62													48.2	
		44	48	43	43	42	42	45	39	25	22	35	34	38	47	50													31.5	
		55	59	57	52	50	50	58	57	48	40	55	49	57	66	65													52.5	
		51	53	52	43	45	45	48	41	29	25	38	41	45	51	53													34.0	
		56	61	58	48	50	49	59	60	47	41	53	49	55	67	61													51.6	
		52	56	48	43	45	45	49	32	28	24	36	41	46	53	53													33.6	
		55	55	56	51	53	54	55	55	43	40	43	43	50	64	60													48.8	
		43	45	48	43	42	42	47	40	22	18	28	35	40	48	46													29.0	
		58	55	59	55	45	49	50	58	52	46	40	41	45	55	66													48.3	
		37	42	48	43	42	41	44	45	26	22	25	32	38	42	50													28.7	
		55	49	54	50	42	45	47	53	42	42	45	45	43	50	61													44.7	
		28	45	49	40	40	40	43	42	24	22	23	37	39	43	44													28.2	
		52	54	53	53	50	50	52	55	45	41	40	38	45	64	62													47.1	
		42	44	47	41	39	39	42	42	24	19	30	31	35	43	48													28.9	
		58	55	58	55	47	55	54	59	49	44	41	43	43	53	65													48.6	
		32	47	51	45	43	40	41	49	20	19	22	33	39	43	47													27.3	
		53	52	55	52	48	47	48	54	51	42	41	38	38	51	63													45.2	
		38	43	48	47	39	40	42	42	24	15	18	32	34	37	49													25.3	
		62	55	57	54	49	51	54	54	51	49	47	56	52	61	67													51.7	
		45	50	50	43	44	44	49	40	29	31	34	44	45	48	50													33.6	
		62	57	60	60	48	51	55	60	57	49	49	55	51	59	65													51.8	
		33	50	57	38	42	42	38	43	28	28	30	35	40	44	48													31.7	
CENTREVILLE	MAX	51	41	45	54	35	44	55	54	68	52	39	47	54	52	59													53.8	
	MIN	21	18	20	21	12	14	27	27	48	24	22	20	22	21	22													31.7	
CLANTON	MAX	50	41	45	55	35	45	52	53	68	58	39	45	52	56	58													53.4	
	MIN	20	19	25	21	13	15	25	25	38	22	23	23	21	22	26													32.0	
DOUBLE SPRINGS	MAX	46	35	41	41	28	41	48	48	60	48	35	42	48	51	55													48.2	
	MIN	12	16	22	12	7	14	29	29	40	18	18	19	22	24	25													29.2	
FAYETTE	MAX	46	44	46	45	48	54	52	66	62	39	44	47	55	60	62													54.1	
	MIN	16	18	36	16	11	11	35	27	37	20	20	18	20	22	28													32.6	
HALEYVILLE	MAX	44	35	41	41	28	40	47	47	62	48	38	41	47	50	49													47.6	
	MIN	13	13	19	11	8	10	32	32	34	18	17	21	23	23	27													29.3	
HAMILTON 3 S	MAX	46	38	42	41	31	41	51	50	65	48	38	44	50	55	58													50.7	
	MIN	10	10	16	13	5	5	26	23	36	12	14	16	16	16	18													26.9	
JASPER 4 N	MAX	36	40	45	35	40	51	49	62	62	36	42	48	52	55	60													50.7	
	MIN	13	14	32	14	6	15	28	23	36	18	22	20	18	20	27													30.7	

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1969

Station	Day of month																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * NORTHERN VALLEY 01																																	
BELLE MINA 2 N																											T						
FLORENCE																											T	T					
HUNTSVILLE WB AP																											T						
MUSCLE SHOALS FAA AP																											T						
NEW MARKET 2																											T	T					
REO BAY																											T						
WATERLOO																											T						
* * * APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 SSW																											T						
BIRMINGHAM WB AP																											T	T					
BRIDGEPORT 2 W																											T						
VALLEY HEAD																											T	T					
* * * UPPER PLAINS 03																																	
ALICEVILLE																											T						
HALEYVILLE																											T						
HAMILTON 3 S																											T						
TUSCALOOSA FAA AP																											T						
* * * EASTERN VALLEY 04																																	
ANNISTON FAA AP																											T						
CENTRE 5 SW																											T						
* * * PRAIRIE 06																																	
GAINESVILLE																											T						
* * * COASTAL PLAIN 07																																	
GILBERTOWN																											T						

EVAPORATION AND WIND

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05																																	
MARTIN OAM	EVAP	-	-	.13	*	*	.11	.07	.08	.11	.08	.08	.09	.07	.06	*	.06	.01	-	.06	.04	.00	.04	.04	.16	.08	.03	*	.14	.05	.05	1.888	
	WIND	78	73	5	142	64	16	21	26	44	120	88	75	18	24	6	9	15	15	17	10	0	4	12	24	97	70	15	*	43	27	4	1162
* * * PRAIRIE 06																																	
MEMPHIS LOCK AND OAM	EVAP	*	*	.01	*	*	.15	.10	.07	*	*	*	*	*	.36	.10	.09	.06	-	.04	.02	.04	.00	.13	.09	.16	.06	.04	.05	.02	.03	1.678	
	WIND	63	31	13	78	20	24	45	38	121	130	97	91	17	8	15	44	59	53	29	14	42	36	67	70	113	88	68	116	110	72	75	1847
	MAX	-	-	50	-	-	46	54	60	-	-	-	-	-	56	55	57	58	58	59	52	53	56	64	56	50	53	55	53	63	66	-	
	MIN	-	-	33	-	-	33	37	43	-	-	-	-	-	34	39	40	54	55	50	49	49	49	53	39	36	36	43	46	51	57	-	
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.10	.09	.05	.08	.03	.04	.05	.05	.08	.08	.13	.05	.06	.09	.08	.02	-	-	-	.04	.03	.05	.06	.05	.14	.09	.07	.04	.03	.12	.03	2.038
	WIND	69	12	17	68	44	27	47	17	47	45	66	25	16	17	18	20	35	16	59	44	11	15	29	35	55	22	22	39	47	37	22	1043
	MAX	52	48	50	50	41	50	55	66	72	66	50	47	52	53	60	59	61	60	61	60	53	69	72	73	63	52	65	68	70	70	75	59.5
	MIN	37	38	40	40	30	33	40	42	58	36	36	32	36	38	38	40	54	53	60	52	50	50	60	62	40	38	42	58	60	60	62	45.6

See Reference Notes Following Station Index

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- W Gage is equipped with a windshield.
- H Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

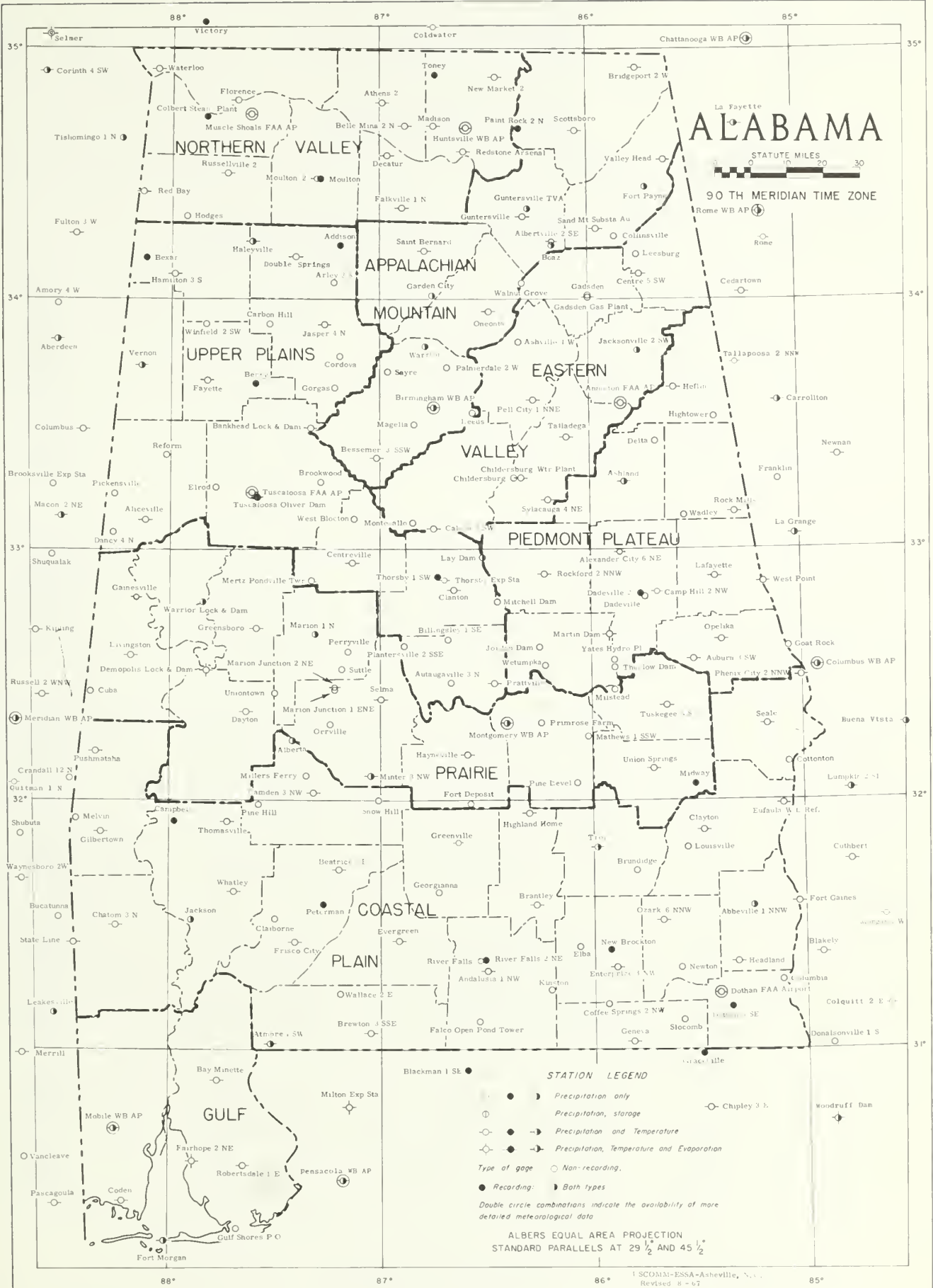
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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ALABAMA

STATUTE MILES
0 10 20 30

90 TH MERIDIAN TIME ZONE

STATION LEGEND

- Precipitation only
 - ⊕ Precipitation, storage
 - → Precipitation and Temperature
 - ⊕ → Precipitation, Temperature and Evaporation
 - Type of gage ○ Non-recording.
 - Recording: ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

SCOMM-ESSA-Asheville, N.C.
Revised 8-67

CLIMATOLOGICAL DATA

ALABAMA
FEBRUARY 1969

Continued

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										80° or Above	60° or Below	37° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * 06																							
PRAIRIE																							
OAYTON	58.1	38.7	48.4		77	2	25	13	462	0	0	6	0	3.82		1.49	3	.0	0	6	3	2	
OEMOPOLIS LOCK AND OAM	57.9	35.0	46.5		74	2	24	5	516	0	0	12	0	2.41	- 2.57	1.05	15	.0	0	7	1	1	
GAINESVILLE	57.9	35.1	46.5		75	9+	26	4	511	0	0	12	0	2.94		.93	15	.0	0	6	3	0	
GREENSBORO	60.2	36.3	48.3	- 3.1	72	8+	27	13+	464	0	0	9	0	3.17	- 2.15	.75	6	.0	0	6	3	0	
HAYNEVILLE	58.0M	35.6M	46.8M		78	2	25	5+	508	0	0	14	0	3.28		1.35	15	.0	0	7	2	1	
LIVINGSTON 2 SW																							
MARION JUNCTION 2 NE	58.9	35.7	47.3		78	3+	24	4	496	0	0	10	0	2.30		1.08	15	.0	0	4	1	1	
MINTER 3 NW	59.5	37.8	48.7		74	8+	26	13+	452	0	0	8	0	3.30		.84	6	.0	0	6	3	0	
MONTGOMERY WB AP R																							
SELMA	59.4	38.3	48.9	- 1.4	81	1	28	4	456	0	0	6	0	3.64	- .72	1.49	14	T	0	6	3	1	
TUSKEGEE 3 S	60.8	40.2	50.5	- 2.6	78	1	30	19+	403	0	0	4	0	3.87	- 1.07	1.46	15	.0	0	6	3	2	
UNION SPRINGS	57.9	36.1	47.0	- 5.2	77	2	26	14+	501	0	0	12	0	3.17	- 1.55	1.33	15	.0	0	6	1	1	
DIVISION																							
			47.9	- 3.9										3.19	- 1.59			T					
* * * 07																							
COASTAL PLAIN																							
ANDALUSIA 1 NW	61.0	35.1	48.1		78	2	23	19	474	0	0	13	0	4.67		2.20	15	.0	0	8	2	1	
ATMORE 1 SW	64.6	39.7	52.2		79	8	27	19+	361	0	0	5	0	5.45		2.78	15	.0	0	7	2	2	
BEATRICE 1 E	63.3M	34.3M	48.8M		75	9+	23	13+	462	0	0	9	0					.0	0				
BRANTLEY	60.9	34.4	47.7		80	2	21	4	485	0	0	13	0	4.21	- .60	1.99	15	.0	0	8	3	1	
BREWTON 3 SSE	66.0	35.9	51.5	- 2.2	80	1	22	19+	385	0	0	11	0	4.22	- .37	2.03	15	.0	0	7	2	1	
CAMDEN 3 NW																							
CHATON 3 N	61.2	35.4	48.3		79	1	23	13+	465	0	0	13	0	3.40		.99	14	.0	0	6	4	0	
CLAYTON	63.4	39.1	51.3		79	8	28	19+	381	0	0	5	0	2.91		1.03	14	.0	0	6	2	1	
OOTHAN FAA AIRPORT	58.3	37.5	47.9		76	2	26	13	476	0	0	6	0	3.06	- 1.78	1.74	15	.0	0	6	1	1	
ENTERPRISE 3 NW	60.0	41.0	50.5		77	2	30	13	405	0	0	2	0	2.76	- 1.82	1.07	15	.0	0	6	3	1	
	58.4M	36.8M	47.6M		77	3	27	4	481	0	0	10	0	3.77		1.74	15	.0	0	7	2	1	
EUPAULA WILDLIFE REF																							
EVERGREEN	58.3	35.3	46.8		76	3	23	13	504	0	0	13	0	3.75		1.75	15	.0	0	6	2	1	
FRISCO CITY	61.7M	37.6M	49.7M		78	9+	27	4	423	0	0	8	0	4.06		2.12	15	.0	0	8	2	1	
GENEVA	61.7	37.3	49.5		79	9	27	5+	434	0	0	9	0	3.97	- .55	1.76	15	.0	0	8	2	1	
GILBERTOWN	61.5M	37.9	49.7M		79	3	27	5	422	0	0	10	0	3.20	- 1.11	1.53	15	.0	0	7	2	1	
	62.8	36.9	49.9		78	1	23	4	425	0	0	8	0	3.17		.85	2	.0	0	6	2	0	
GREENVILLE																							
HEADLAND	64.1	36.3	50.2	- 3.1	85	25	25	5+	412	0	0	10	0	3.43	- 1.51	1.70	15	.0	0	7	2	1	
HIGHLAND HOME	60.0	37.8	48.9		79	3	27	13	446	0	0	8	0	3.54		1.74	15	.0	0	5	2	2	
OZARK 6 NNW	59.3	36.6	48.0	- 4.8	77	2	26	14+	475	0	0	10	0	3.77	- 1.25	1.74	15	.0	0	6	2	1	
PHENIX CITY 2 NNW	60.1	35.9	48.0	- 6.2	75	1	24	19+	469	0	0	11	0	3.50	- 1.15	1.35	15	.0	0	7	3	1	
	56.0	36.6	46.3		76	2	26	14+	517	0	0	10	0	3.99		1.00	16	.0	0	8	3	1	
PITTSVIEW																							
THOMASVILLE	57.8	32.5	45.2		79	3	20	14+	550	0	0	18	0	3.56		1.57	15	.0	0	6	2	1	
TROY	59.4	36.4	47.9	- 3.9	78	2	26	5+	478	0	0	10	0	3.71	- 1.43	1.51	15	.0	0	7	2	1	
WHATLEY	59.6	38.5	49.1	- 3.5	77	1	24	4	444	0	0	6	0	3.14	- 1.26	1.30	15	.0	0	6	2	1	
	64.6	35.9	50.3		77	2	21	18	409	0	0	11	0	3.33		1.40	15	.0	0	5	2	1	
DIVISION																							
			48.9	- 4.4										3.68	- 1.03			.0					
* * * 08																							
GULF																							
BAY MINETTE	64.3	42.3	53.3		80	8	31	5	333	0	0	4	0	4.60				.0	0				
COHEN	64.3M	42.9M	53.6M		75	2	29	19+	316	0	0	4	0	7.68		2.77	8	.0	0	6	4	3	
FAIRHOPE 2 NE	63.9	43.2	53.6	- 1.8	75	28+	31	19+	320	0	0	3	0	3.87	- .01	1.38	15	.0	0	6	4	1	
FORT MORGAN	61.8	46.3	54.1		73	2	38	17+	306	0	0	0	0	5.20		2.10	8	.0	0	6	4	2	
MOBILE WB AIRPORT	63.5	43.8	53.7	- 1.5	80	8	33	19+	320	0	0	0	0	3.40	- 1.19	1.60	14	T	0	6	3	1	
ROBERTSDALE 1 E	64.3	39.9	52.1		78	9+	28	19+	363	0	0	5	0	4.15	- .02	1.40	15	.0	0	8	2	1	
DIVISION																							
			53.4	- 1.9										4.82	.62			T					

EXTREMES

HIGHEST TEMPERATURE GREENVILLE	85	OATE	25
LOWEST TEMPERATURE VALLEY HEAD	14	OATE	13
GREATEST TOTAL PRECIPITATION MADISON	8.21		
LEAST TOTAL PRECIPITATION SYLACAUGA 4 NE	.88		
GREATEST 1 DAY PRECIPITATION SAINT BERNARD	3.41	OATE	02
GREATEST TOTAL SNOWFALL FORT PAYNE	2.7		
GREATEST DEPTH OF SNOW 3 STATIONS	2	OATE	16

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA FEBRUARY 1969

Table with columns: Station, Day of Month (1-31), Average. Rows include stations like NORTHERN VALLEY 01, APPALACHIAN MOUNTAINS 02, and UPPER PLAINS 03. Each station entry includes MAX and MIN values for each day.

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

ALABAMA
FEBRUARY 1969

Station	Day of month																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
NORTHERN VALLEY 01																																			
ATHENS 2																	T																		
BELLE MINA 2 N																1.0																			
DECATUR																2.0 2																			
FLORENCE																T 1.0																			
HUNTSVILLE WB AP														T	T	.5 T																			
MADISON																T	T																		
MOULTON 2																2.2																			
MUSCLE SHOALS FAA AP															T	1.0 1	1.0 1	T																	
NEW MARKET 2																1.0																			
RED BAY																1.0																			
RUSSELLVILLE 2																1.3 2																			
WATERLOO																1.0																			
APPALACHIAN MOUNTAINS 02																																			
BESSEMER 3 SSW																T	T	T	T																
BIRMINGHAM WB AP																	T																		
BRIOGEPORT 2 W																	T																		
ONEUNTA																			.3																
SAINT BERNARD																T	T																		
VALLEY HEAD															T	.8 1	T	T																	
UPPER PLAINS 03																																			
DOUBLE SPRINGS																T	T																		
HAMILTON 3 S																T	1.2 1	T																	
JASPER 4 N																T																			
EASTERN VALLEY 04																																			
ANNISTON FAA AP																	T																		
CENTRE 5 SW																T	T																		
TALLADEGA																	T																		
PIEDMONT PLATEAU 05																																			
ASHLAND																			1.0																
HEFLIN																T																			
ROCKFORD 2 NNW																	T																		
PRAIRIE 06																																			
MONTGOMERY WB AP																	T																		
GULF 08																																			
MOBILE WB AIRPORT																T																			

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
FEBRUARY 1969

Station		Day Of Month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
* * * PIEDMONT PLATEAU 05																																
MARTIN DAM	EVAP	.02	.04	-	-	.07	-	.03	.05	.13	.08	.06	.11	.15	.06	.08	-	.02	.07	.12	.13	.13	.11	.04	.10	.13	.14	-	.05	2.348		
	WIND	16	12	72	39	7	16	9	5	76	67	5	29	32	78	51	34	24	62	76	51	13	22	32	35	44	64	20	3	994		
* * * PRAIRIE 06																																
DEMOPOLIS LOCK AND DAM	EVAP	.05	.05	.15	*	.28	-	.09	.13	.20	.14	.06	.07	*	.28	.09	.00	.09	.04	*	.23	.07	.19	.02	.09	.12	.07	.10	.13	2.848		
	WIND	40	77	119	105	43	43	68	20	175	111	30	18	111	74	196	129	77	86	95	32	19	88	50	34	58	45	25	23	1991		
	MAX	61	71	69	-	58	53	69	68	70	60	55	63	-	61	42	43	43	43	-	60	60	64	51	65	65	66	67	70	59.9		
	MIN	57	61	51	-	39	39	48	50	46	40	39	45	-	36	41	41	38	36	-	37	41	44	47	41	42	41	40	45	43.5		
* * * GULF 08																																
FAIRHOPE 2 NE	EVAP	.09	.07	.19	.10	.07	.00	.10	.08	.21	.07	.05	.08	.16	.06	-	.05	.03	.09	.11	.09	.07	.06	.11	.12	.13	.12	.07	.08	2.558		
	WIND	27	44	87	28	18	37	33	54	86	21	14	29	35	31	53	77	56	68	36	18	17	39	42	25	27	26	16	25	1069		
	MAX	75	78	73	58	52	62	70	72	70	59	62	70	70	60	53	56	42	60	61	58	65	70	70	70	68	69	70	75	64.9		
	MIN	62	63	52	38	39	50	52	62	42	40	47	49	40	42	42	42	38	38	38	42	45	51	48	45	43	42	42	53	46.0		

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
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- G "Soil Temperature" table.
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- VAR This entry in time of observation column in Station Index means variable.
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SNOWFALL AND SNOW ON GROUND

ALABAMA
MARCH 1969

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																
FLORENCE									T																							
HUNTSVILLE WB AP																																
MADISON									T																							
MOULTON 2								.1																								
MUSCLE SHOALS FAA AP									T																							
NEW MARKET 2									T																							
REO BAY									T																							
WATERLOO									T																							
* * * APPALACHIAN MOUNTAINS 02																																
BESSEMER 3 SSW									T	T																						
BIRMINGHAM WB AP									T																							
BRIDGEPORT 2 W																																
ONEONTA																																
SAINT BERNARD									.8																							
VALLEY HEAD									T																							
* * * UPPER PLAINS 03																																
ODUBLE SPRINGS																																
HALEYVILLE																																
HAMILTON 3 S																																
JASPER 4 N																																
TUSCALOOSA FAA AP																																
* * * EASTERN VALLEY 04																																
ANNISTON FAA AP																																
CENTRE 5 SW																																
CHILDERSBURG WTR PLANT																																
* * * COASTAL PLAIN 07																																
CHATOM 3 N																																
DOTHAN FAA AIRPORT																																
FRISCO CITY																																
HIGHLAND HOME																																

EVAPORATION AND WIND

ALABAMA
MARCH 1969

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEOMONT PLATEAU 05																																	
MARTIN OAM	EVAP	.09	.10	.06	-	.21	.00	.06	.09	.16	.11	.15	.09	.12	-	-	-	-	-	.13	.17	.20	.17	.10	.15	.25	.15	-	.14	.16	-	-	-
	WIND	61	55	31	56	42	28	31	17	41	44	61	23	28	20	28	23	21	20	24	14	22	25	27	52	26	26	17	10	8	33	42	
	MAX	69	-	65	45	62	55	46	64	76	-	-	59	-	65	61	53	53	56	60	80	80	78	74	57	76	56	65	62	78	81	87	
	MIN	39	-	38	37	37	40	40	40	41	-	-	35	-	39	40	41	46	48	50	48	56	49	46	53	49	40	39	37	41	52	47	
* * * OEMOPOLIS LOCK AND PRAIRIE 06																																	
OEMOPOLIS LOCK AND	EVAP	.14	*	.25	.03	.13	.04	.08	.10	.17	*	*	.42	*	.19	.19	.04	.08	.02	.00	.16	.20	.18	.29	.13	.36	.14	.22	.15	.18	.19	.18	
	WIND	105	69	53	70	75	57	125	36	125	140	133	86	31	51	39	64	50	108	106	28	78	59	52	134	199	102	114	79	61	61	93	
	MAX	69	-	65	45	62	55	46	64	76	-	-	59	-	65	61	53	53	56	60	80	80	78	74	57	76	56	65	62	78	81	87	
	MIN	39	-	38	37	37	40	40	40	41	-	-	35	-	39	40	41	46	48	50	48	56	49	46	53	49	40	39	37	41	52	47	
* * * GULF FAIRHOPE 2 NE 08																																	
FAIRHOPE 2 NE	EVAP	.11	.15	.09	.14	.09	.03	.10	.07	.21	.14	.15	.03	.10	.12	.11	-	-	-	.12	.13	.16	.14	.06	.14	.23	.22	.17	.15	.16	.20	.19	
	WIND	41	42	29	63	20	48	64	22	90	62	59	11	29	23	19	44	37	106	55	24	26	16	37	87	92	56	39	43	18	32	37	
	MAX	73	72	69	65	60	52	65	70	69	60	57	58	68	73	62	66	62	59	80	82	82	80	78	82	80	71	74	82	85	82	81	70.9
	MIN	41	38	45	38	40	48	40	48	42	38	38	42	38	42	50	46	47	51	50	52	56	51	58	55	40	44	39	50	50	52	50	45.8

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA"

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Traces, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variables.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in location, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

SPECIAL WEATHER SUMMARY

The outstanding feature of weather conditions over Alabama during April was the outbreak of severe weather on the 18th and 23d.

On the 18th heavy thunderstorms, along with scattered areas of wind damage, were reported over much of the State and two tornadoes were confirmed. One tornado damaged nine houses

and barns and destroyed two houses in Bullock and Pike Counties. Another tornado skipped, in short paths, across Butler, Crenshaw, Montgomery, and Bullock Counties, causing one death, two permanent injuries. This tornado destroyed 18 houses, damaged 30, and did considerable other damage.

C. C. Wooden
ESSA-Weather Bureau State Climatologist
Route #2, Dannelly Field
Montgomery, Alabama 36108

DAILY PRECIPITATION

ALABAMA
APRIL 1969

Continued

Station	Total	Day of Month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
DEMOPOLIS LOCK AND DAM	7.32				.21	.21			.24	.15	1.10			2.18				.02	3.42																		
GAINESVILLE	6.64				.32	.23			T	1.23	.06			2.12	2.65	T			.10	1.92																	
GREENSBORO	6.71																																				
HAYNEVILLE	3.20				.03	.89				.73				.85	.08				.05	.57																	
LIVINGSTON 2 SW	6.00				.45	.08				1.27	.05			3.03					.13	1.59																	
MARION 6 NE	4.99				.05	.22					.61	.36		.01	1.00				.04	2.70																	
MARION JUNCTION 1 ENE	7.43					.29					.82	.56		.70					.04	5.02																	
MARION JUNCTION 2 NE	7.39				.26	T					1.37			.83	.04				.39	4.50																	
MATHEWS 1 SSW	4.40					1.08					.58				.17				.17	2.00																	
MILSTEAD	5.32					1.36					.44				.03	1.14			.03	2.32																	
MINTER 3 NW	2.17					.32					1.02				.14				.04	.65																	
MONTGOMERY WB AP	1.82				.51	.01					.54	.72		.10	.09	T			.30	.27																	
ORVILLE	4.11					.08					1.21	.23			.56				1.65																		
PERRYVILLE	5.76					.34					.04	1.09			.79				.03	3.47																	
PINE LEVEL	3.26					1.02					.37				.29	.22			.07	1.29																	
SELMA	6.06				.06	.18					1.11			.07	.45	.06			.04	4.06																	
SUTTLE	6.75					.23					.67	.58			.89				.08	4.30																	
TUCKEGEE 3 SW	4.80					1.05					.18			.12	.02	.66	T		.07	2.70																	
UNION SPRINGS	3.60					.71		.02			.17			.01	.40	.53			.04	2.00																	
UNIONTOWN	7.49					.27					1.37				1.40				T	4.45																	
WARRIOR LOCK AND DAM	6.01				.19	.20				.04	.45	1.04			2.26	.02			1.67																		
COASTAL PLAIN 07																																					
ABBEVILLE 1 NNW	2.72					.58					.03				.20	1.35			T	.66																	
ALBERTA	2.97					.17			T		.30	.72			.58				.09	1.04																	
ANDALUSIA 1 NW	2.67					.17					.75				.40	.10	T		T	1.25																	
ATHORE 1 SW	4.36					1.15					1.03		T		.35	.36	.01		.80	.66																	
BEATRICE 1 E	2.84					.43					.90		T		.23	T			1.28																		
BRANTLEY	5.40					.82					.75				.22	.14		.05	.10	3.28																	
BREWTON 3 SSE	4.89					1.02					.97				.66	.18			.03	1.97						.06											
BRUNOIDGE	4.51					.89			T		.26			T	.26	.46		.01	1	2.92																	
CHADEN 3 NW	2.33					.33				.03					.18	.07			.25	.35					.11												
CHATAM 3 N	3.92					.92					1.17				.91	.02			.14	.56	.20																
CLAIBORNE	3.33					.30					1.35				.23				1.45																		
CLAYTON	5.29					.70					.13				.10	1.73			.03	1.23																	
COFFEE SPRINGS 2 NW	3.50					.56					.26				.10	.56			.62																		
COTTDONTON	3.85					.55					.55				.16	.26	1.64		.04	.80																	
OODHAM FAA AIRPORT	2.12					.37	.01				.01	T			.02	.35	.66	T	.05	.65																	
ELBA	2.34					.55					.57				.18	.37		.02	.07	.47																	
ENTERPRISE 3 NW	2.83					.58					.18				.09	.55			.93																		
EUFALA WILDLIFE REF	1.96					.08					.25				.14	.46			.03	.88																	
EVERGREEN	4.05					.08					.87				.39	.11	T		.02	1.66																	
FRISCO CITY	4.76					.15	1.75				1.47				.38	.06			.95																		
GENEVA	2.51					.70					.14				.13	.65			.05	.84																	
GEORGIANNA	5.32					1.62					.83				.39	.20			.02	2.01																	
GILBERTON	5.37					1.18					1.31				2.07	.39			.22	.36																	
GREENVILLE	4.74					.04	1.73				.55	T			.17	.17			.06	2.02																	
HEADLAND	2.35					.47					.47				.03				.14	.05	.66																
HIGHLAND HOME	4.26					.02	1.45				.52				.31	.57			.04	1.35																	
JACKSON	3.96					.77					.43				.17	.36		.01	.02	1.56																	
KINSTON	3.98					.78					.07				.03	1.92			.03	1.92																	
LOUISVILLE	6.71					1.30					1.23				2.90	1.17			.28	1.00																	
MELVIN	6.71					1.30					1.23				2.90	1.17			.28	1.00																	
NEWTON	1.67					.59					.08				.05	.46		.11	.04	.32																	
DZARK 6 NNW	1.98					.29					.19				.20	.60			.25	.35																	
PHENIX CITY 2 NNW	6.15					.55	T				.06	.19			2.00		.92		2.32						.05												
PINE APPLE	2.51					.42					.81				.02	1.06			.22	1.06																	
PITTSVIEW	4.29					1.41					.10				.02	.92			.01	1.73																	
RIVER FALLS	4.35					1.14					.77				.41	.09			T	1.94																	
SLODCH	3.02					.03	.34				.95				.02	.49			.03	.53																	
THOMASVILLE	4.78					1.42					.72	.40			.30	.45			.07	2.54																	
TROY	5.57					2.45					.72	.40			.30	.45			.07	2.54																	
WALLACE 2 E	5.57					2.45					.72	.40			.30	.45			.07	2.54																	
WHATLEY	3.60					.07	.57				.28				1.52				.28		.88																
GULF																																					
BAY MINETTE	4.67					.70					1.70				.58	.08		.02	1.59																		
COOEN	3.66					.76					.55				.86	.03		.15	.65	.20																	
FAIRHOPE 2 NE	4.55					1.36	T				.96																										

DAILY TEMPERATURES

ALABAMA
APRIL 1969

Station		Day of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * *																																			
NORTHERN VALLEY 01																																			
ATHENS 2	MAX	59	78	77																															
	MIN	35	51	48																															
BELLE MINA 2 N	MAX	78	78	81	85	83	68	77	80	80	74	73	78	74	65	79	78	80	75	68	70	76	76	69	68	75	81	79	71	65	70				
	MIN	39	54	51	52	61	54	47	53	55	59	48	47	56	55	59	56	59	60	60	60	49	42	39	53	40	38	39	41	50	56	42	38		
DECATUR	MAX	58	79	81	82	86	71	69	79	81	80	75	74	80	61	66	80	80	80	77	57	70	79	73	67	68	82	82	82	75	67				
	MIN	35	52	52	53	63	53	45	53	56	59	51	49	49	58	59	55	58	61	50	44	40	53	44	42	39	41	42	41	44	41				
FALKVILLE 1 N	MAX	58	78	80	83	84	70	67	77	78	79	75	73	79	60	68	80	79	79	77	57	70	78	72	65	66	76	80	80	73	65				
	MIN	34	47	48	51	62	54	44	53	56	59	49	43	48	56	59	55	58	62	50	43	38	48	37	35	35	40	50	51	43	36				
FLORENCE	MAX	79	77	81	86	79	71	81	82	73	77	76	79	74	67	81	83	78	76	64	72	80	75	68	72	77	84	84	78	71	73				
	MIN	40	55	54	51	59	49	39	53	54	54	42	41	54	50	56	52	52	58	45	35	38	46	36	34	37	43	50	56	37	34				
HUNTSVILLE WB AP	MAX	76	77	83	89	75	68	75	79	82	74	72	80	66	67	78	80	79	75	58	69	75	71	64	65	74	82	83	75	65	70				
	MIN	38	50	51	59	60	53	47	55	58	60	50	48	56	58	60	59	58	57	46	43	41	48	41	40	40	45	53	54	43	39				
MAOISON	MAX	76	79	82	87	79	66	75	81	81	74	72	79	75	64	79	79	79	75	68	69	76	74	66	65	76	82	81	81	71	68				
	MIN	40	51	52	55	59	54	49	47	57	58	47	64	56	55	58	58	58	57	51	43	50	48	37	40	40	45	53	51	42	38				
MOULTON 2	MAX	79	80	83	85	71	69	79	79	80	76	77	81	72	66	82	82	78	75	62	71	78	73	67	69	78	81	82	77	73					
	MIN	40	45	50	53	63	53	42	54	60	59	48	43	56	54	60	55	60	61	48	41	39	42	38	36	37	40	50	60	42	37				
MUSCLE SHOALS FAA AP	MAX	78	77	81	85	72	69	79	80	75	76	73	75	66	66	80	81	80	74	58	70	78	73	66	69	76	82	83	75	68	70				
	MIN	43	58	49	52	61	51	43	56	58	58	50	49	58	56	62	52	60	58	47	42	40	46	41	42	39	45	53	54	44	42				
NEW MARKET 2	MAX	74	77	79	79	78	68	78	81	80	72	72	79	77	63	78	80	80	75	66	69	74	72	65	65	75	81	81	75	72	70				
	MIN	44	42	52	52	62	53	45	54	60	59	47	46	56	53	58	53	56	60	47	40	38	38	36	36	35	40	51	60	40	37				
RED BAY	MAX	59	79	81	85	85	68	65	80	76	76	75	74	77	64	67	82	86	76	70	56	73	79	75	67	69	79	84	82	75	69				
	MIN	31	47	56	56	59	53	44	45	58	58	49	49	52	57	58	57	62	63	48	43	44	46	43	39	43	53	52	53	43	39				
RESTONE ARSENAL	MAX	76	77	80	82	72	71	76	78	80	73	73	80	78	66	79	79	79	72	56	68	75	70	60	70	75	78	78	73	62	68				
	MIN	36	55	49	50	57	45	38	55	59	58	50	45	57	55	54	55	56	56	45	40	40	44	30	38	36	40	47	56	41	38				
RUSSELLVILLE 2	MAX	60	79	79	83	83	68	68	79	77	77	76	73	80	65	69	81	85	77	73	56	72	73	66	63	69	78	81	81	74	67				
	MIN	28	36	45	45	63	51	35	39	54	57	47	44	46	52	56	47	50	60	46	37	33	36	33	33	31	34	40	46	39	35				
WATERLOD	MAX	79	79	78	84	79	68	75	80	74	76	76	77	70	63	82	83	78	72	69	62	80	77	69	70	75	83	83	76	70	74				
	MIN	41	58	57	54	62	53	37	51	53	58	44	44	43	42	42	52	58	59	51	39	39	47	34	34	36	40	53	60	38	34				
* * *																																			
APPALACHIAN MOUNTAINS 02																																			
ALBERTVILLE 2 SE	MAX	77	77	80	83	81	71	76	80	80	74	75	79	74	61	78	79	81	75	66	69	75	72	66	65	76	80	80	78	70					
	MIN	40	54	55	59	63	57	51	51	57	58	54	47	55	55	57	62	61	62	51	42	47	54	42	38	39	49	56	62	45	39				
BESSEMER 3 SSW	MAX	80	82	84	84	75	68	78	80	82	78	78	82	71	67	85	78	80	76	63	73	80	77	73	69	78	82	81	76	72	73				
	MIN	37	48	50	51	63	58	48	56	56	60	57	48	58	58	65	56	62	63	54	47	39	50	42	40	36	41	52	63	47	36				
BIRMINGHAM WB AP	MAX	79	82	83	84	70	70	77	80	81	76	77	80	69	66	81	78	79	76	59	71	78	76	61	68	76	80	81	74	69	73				
	MIN	40	51	49	53	64	49	47	56	56	60	55	50	58	61	60	55	59	56	49	45	42	46	41	39	37	43	48	50	42	36				
BRIOGEPORT 2 W	MAX	77	78	78	84	78	73	80	81	82	78	78	82	74	62	79	80	82	78	70	73	77	73	68	70	76	81	83	80	74	75				
	MIN	32	47	52	50	55	56	47	53	60	57	47	40	54	52	58	56	55	60	48	40	36	46	33	32	35	36	48	56	43	34				
GUNTERSVILLE	MAX	77	80	84	85	81	83	78	80	82	78	77	81	83	67	87	80	83	78	73	75	80	78	75	67	77	82	80	80	75	72				
	MIN	38	52	50	54	48	57	49	51	60	60	55	51	57	57	59	67	59	63	52	45	49	50	46	38	38	44	53	62	47	44				
ONEONTA	MAX	61	79	82	83	85	69	70	78	81	82	68	78	80	60	66	80	80	81	76	58	69	77	70	69	68	77	81	81	73	68				
	MIN	32	42	48	50	55	56	46	50	50	58	55	46	46	55	57	50	55	61	51	44	39	46	40	39	34	36	40	51	45	38				
SAINT BERNARD	MAX	56	77	78	81	82	66	66	76	78	79	73	72	77	59	65	79	79	79	74	54	68	75	70	64	64	74	78	78	71					
	MIN	33	45	48	50	51	53	44	45	54	57	50	43	46	53	58	54	55	60	49	42	37	42	36	40	37	38	46	49	38					
SAND MT SUBSTA AU	MAX	75	78	80	82	79	72	74	78	79	77	74	73	73	60	77	78	78	73	71	69	74	69	63	66	73	78	79	78	69	70				
	MIN	36	54	51	56	62	55	47	49	56	59	49	43	52	52	56	62	55	62	57	41	46	54	40	37	38	46	53	60	44	37				
SCOTTSBORO	MAX	61	76	77	80	85	86	77	77	78	80	74	79	78	61	64	77	80	80	78	59	73	76	71	66	70	76	80	81	75	68				
	MIN	33	42	50	50	55	56	46	46	51	59	50	42	43	50	58	55	56	61	51	42	38	49	36	36	35	37	38	47	41	35				
VALLEY HEAD	MAX	58	74	75	80	81	70	68	74	77	80	70	75	77	58	61	75	80	80	77	54	70	74	68	62	66	74	79	80	70	67				
	MIN	26	40	47	46	57	55	47	51	55	58	53	41	53	52	52	54	53	60	50	35	38	43	32	29	31	35	40	51	42	30				
* * *																																			
UPPER PLAINS 03																																			
ALICEVILLE	MAX	67	75	85	83	83	73	70	81	76	81	76	80	80	72	75	80	75	77	74	64	73	78	80	75	70	74	70	83	75	78				
	MIN	40																																	

EVAPORATION AND WIND

ALABAMA
APRIL 1969

Station		Day Of Month																														Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
* * * PIEOMONT PLATEAU 05																																	
MARTIN OAM	EVAP	-	-	-	-	-	.21	.24	.20	.22	.05	.07	.21	.04	.24	.08	.10	.16	-	.15	.17	.03	.04	.06	.25	.16	-	-	-	.23	.22		
	WIND	38	5	3	3	0	0	5	15	21	11	2	32	32	27	12	2	14	25	12	59	5	23	17	84	11	7	12	2	35	58		
* * * PRAIRIE 06																																	
DEMOPQLIS LOCK AND OAM	EVAP	.09	.26	.25	.19	.20	.08	.08	.11	.04	.18	.11	.28	.16	-	.11	.15	.10	-	.27	.13	.15	.21	.30	.34	.10	.18	.25	.21	.13	.30		
	WIND	41	85	83	26	83	70	60	71	29	98	31	52	54	91	77	18	39	74	114	113	55	18	52	97	55	23	61	108	75	95		
	MAX	76	79	83	89	87	71	70	81	70	83	83	91	83	73	80	91	86	78	82	65	83	86	85	77	76	82	86	87	80	80		
	MIN	46	52	56	64	62	63	55	55	59	60	60	63	61	61	62	66	68	67	57	52	52	55	58	48	47	50	56	58	56	52		
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.18	.18	.14	.16	.18	.13	.10	.08	.10	-	.10	.16	.11	.01	.15	.13	.01	.12	.23	.25	.19	.22	.21	.22	.23	.21	.19	.17	.34	.17		
	WIND	14	19	17	16	20	39	25	29	33	31	18	40	28	46	21	12	26	76	81	47	23	33	37	41	31	25	30	35	57	32		
	MAX	89	89	90	90	87	82	80	76	80	78	92	88	80	79	91	82	72	86	87	82	90	89	75	82	82	88	90	92	91	85		
	MIN	50	60	66	62	69	65	60	62	63	65	61	64	66	62	63	70	67	62	42	52	60	61	60	52	50	52	59	67	60	51		

See Reference Notes Following Station Index

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperature from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, includes snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June date will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

CLIMATOLOGICAL DATA

ALABAMA
MAY 1969

Continued

Station	Temperature												Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										80° or Below	32° or Below	32° or Below	32° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * 06																											
PRAIRIE																											
DAYTON	83.1	61.4	72.3		92	24	47	1	5	3	0	0	0	5.58		2.59	9	.0	0		5	3	2				
OEMORDIS LOCK AND OAM	81.7	58.9	70.3		90	31+	47	13+	16	3	0	0	0	5.10	1.02	2.38	9	.0	0		5	3	2				
GAINESVILLE	81.2	58.4	69.8		90	31+	43	1	22	2	0	0	0	1.57		.67	18+	.0	0		3	2	0				
GREENSBORO	83.9	60.2	72.1	- 1.1	92	31+	47	10	4	5	0	0	0	7.15	2.93	2.98	8	.0	0		6	3	3				
HAYNEVILLE	81.9	58.6	70.3		92	24	43	1	25	2	0	0	0	6.25		1.19	9	.0	0		10	6	2				
DIVISION																											
			71.2	- 1.9										5.38	1.70			.0									
* * * 07																											
COASTAL PLAIN																											
ANOLAUSA 1 NW	84.5	57.0	70.8		93	25	41	1	18	4	0	0	0	5.38		2.10	19	.0	0		8	4	2				
ATHORE 1 SW	84.5	60.8	72.7		92	24+	43	1	5	6	0	0	0	7.43		4.10	18	.0	0		6	3	2				
BEATRICE 1 E	83.6				93	26				4	0	0	0	5.61		2.00	19+	.0	0		5	3	3				
BRANTLEY	85.1	57.2	71.2		93	24	41	1	10	6	0	0	0	4.47	.42	1.60	19	.0	0		6	4	2				
BREWTON 3 SSE	86.7	58.1	72.4	- .2	95	24	39	1	7	9	0	0	0	6.36	1.59	1.98	18	.0	0		11	3	2				
CAMDEN 3 NW	85.6	56.9	71.3		93	31+	40	1	8	7	0	0	0	7.90		2.67	18	.0	0		8	5	3				
CHATON 3 N	85.0	60.1	72.6		94	31	46	1	0	6	0	0	0	2.94		1.26	18	.0	0		7	2	1				
CLAYTON	80.5	61.7	71.1		89	24+	50	10	5	0	0	0	0	6.41	2.36	2.39	19	.0	0		8	5	2				
ODTHAN FAA AIRPORT	82.0	64.0	73.0		90	7	53	12+	0	1	0	0	0	8.18	4.78	3.59	18	.0	0		7	3	2				
ENTERRISE 3 NW	82.2M	61.0M	71.6M		90	25+	49	10+	8	2	0	0	0	5.66		2.40	19	.0	0		6	4	2				
EUFULA WILDLIFE REF	83.1	59.9	71.5		93	31+	43	12	12	4	0	0	0	6.21		3.28	19	.0	0		5	3	2				
EVERGREEN	84.2	61.7	73.0		94	25	48	12	6	8	0	0	0	6.26		1.98	18+	.0	0		7	4	2				
FRISCO CITY	84.6	60.6	72.6		93	25+	48	1	4	7	0	0	0	6.68	2.50	3.42	18	.0	0		6	3	2				
GENEVA																											
GILBERTOWN	83.7	57.6	70.7		92	23+	39	1	10	5	0	0	0	4.42		2.00	8	.0	0		5	4	2				
GREENVILLE	82.9	59.8	71.4	- 2.5	92	26	45	10	14	4	0	0	0	5.84	1.50	1.43	15	.0	0		8	5	2				
HEADLAND	84.7	60.9	72.8		93	26+	49	11	3	10	0	0	0	10.68		3.31	19	.0	0		8	6	4				
HIGHLAND HOME	83.8M	59.7M	71.8M	- 1.4	92	25+	46	1	11	5	0	0	0	7.94	4.09	3.18	19	.0	0		9	5	2				
DZARK 6 NNW	83.5	57.0	70.3	- 3.9	93	31	45	10	10	5	0	0	0	6.85	2.66	3.70	18	.0	0		5	3	2				
PHENIX CITY 2 NNW	82.2M	60.5M	71.4M		91	31	48	12+	13	3	0	0	0	4.52		1.35	19	.0	0		6	4	3				
RITTSVIEW	82.0	56.1	69.1		90	31+	41	12	30	4	0	0	0	4.89		1.61	19	.0	0		8	3	2				
THOMASVILLE	81.4	60.0	70.7		88	31+	47	1	10	0	0	0	0	7.22		2.61	9	.0	0		6	3	3				
TROY	83.5	60.9	72.2	- 1.1	92	31	45	1	4	4	0	0	0	5.28	1.05	1.44	18	.0	0		6	4	2				
WHATLEY	84.5M	53.8M	69.2M				35	1	19	8	0	0	0	4.41		2.45	18	.0	0		4	2	2				
DIVISION																											
			71.5	- 2.0										6.15	1.97			.0									
* * * 08																											
GULF																											
BAY MINETTE	84.4	63.1	73.8		93	31	50	10	0	6	0	0	0	8.93		5.40	18	.0	0		4	4	3				
COOEN	84.5	62.7	73.6		93	21	48	10+	1	7	0	0	0	7.18		3.27	18	.0	0		6	3	2				
FAIRHOPE 2 NE	84.4	63.0	73.7	- .6	91	23+	50	12+	0	4	0	0	0	9.89	4.87	6.15	18	.0	0		7	4	2				
FORT MORGAN	81.5	68.4	75.0		88	24+	60	10	0	0	0	0	0	6.30		2.75	18	.0	0		5	4	3				
MOBILE WB AIRPORT	84.7	64.2	74.5	- 1.1	94	21	51	10	0	6	0	0	0	7.95	3.07	3.08	16	.0	0		6	4	3				
ROBERTSOALE 1 E	84.5	60.9	72.7		95	25	44	1	9	6	0	0	0	10.07	4.60	2.22	17	.0	0		7	5	5				
DIVISION																											
			73.9	- .5										8.39	3.38			.0									

EXTREMES

HIGHEST TEMPERATURE STATIONS	95	DATE	25+
LOWEST TEMPERATURE STATIONS	33	DATE	10+
GREATEST TOTAL PRECIPITATION SAYRE	12.23		
LEAST TOTAL PRECIPITATION GAINESVILLE	1.57		
GREATEST 1 DAY PRECIPITATION FAIRHOPE 2 NE	6.15	DATE	18

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
MAY 1969

Station		Day Of Month																															Total of Avs.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEDMONT PLATEAU 05	EVAP	.21	.20	.12	.12	.18	.12	.26	.15	.22	.23	.25	.20	.20	-	-	.06	.14	-	.19	.20	.23	.24	.25	.21	.14	.21	.32	.45	.02	.23	.24	6.198 543
	WIND	19	15	10	10	5	12	3	10	40	14	38	6	10	23	82	15	12	19	6	10	26	3	7	23	26	31	16	29	6	7	10	
* * * PRAIRIE 06	EVAP	.18	.14	.20	.18	.25	.24	.12	.13	.17	.13	.49	.20	.22	.33	.03	.06	.16	-	.17	.27	.21	.27	.19	.28	.19	.26	.22	.16	.22	.27	.32	6.478 1369 84.9
	WIND	46	54	56	42	60	36	29	46	83	89	95	38	27	37	62	64	62	67	39	30	29	23	13	13	43	24	41	47	51	12	11	
* * * MEMPHIS LOCK AND DAM 04M	MAX	82	84	84	82	87	90	82	90	75	80	80	83	83	87	75	72	90	76	90	92	87	87	86	87	83	91	90	89	90	86	93	65.3
	MIN	50	54	62	63	65	65	66	67	65	57	56	58	59	64	63	63	67	69	69	72	72	70	71	73	66	66	70	70	70	70	72	
* * * GULF 08	EVAP	.18	.14	.11	.26	.14	.06	.20	.18	-	.24	.24	.23	.23	.15	.18	.04	.09	-	.17	.25	.28	.21	.23	.26	.28	.21	.17	.10	.20	.27	.32	6.018 821 92.3 64.2
	WIND	22	21	22	26	19	19	21	30	64	39	60	23	22	35	46	14	26	29	19	22	23	14	20	32	29	18	9	17	14	30	36	
FAIRHOPE 2 NE	MAX	87	85	87	90	92	90	92	88	84	89	88	91	90	91	90	80	86	95	99	98	97	100	99	100	97	98	96	95	96	98	92	64.2
	MIN	52	51	51	50	51	60	67	68	66	56	61	56	60	68	64	64	65	69	72	70	72	71	72	72	67	71	70	67	68	69	70	

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- + And also on an earlier date or dates.
- ++ Biggest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
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- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
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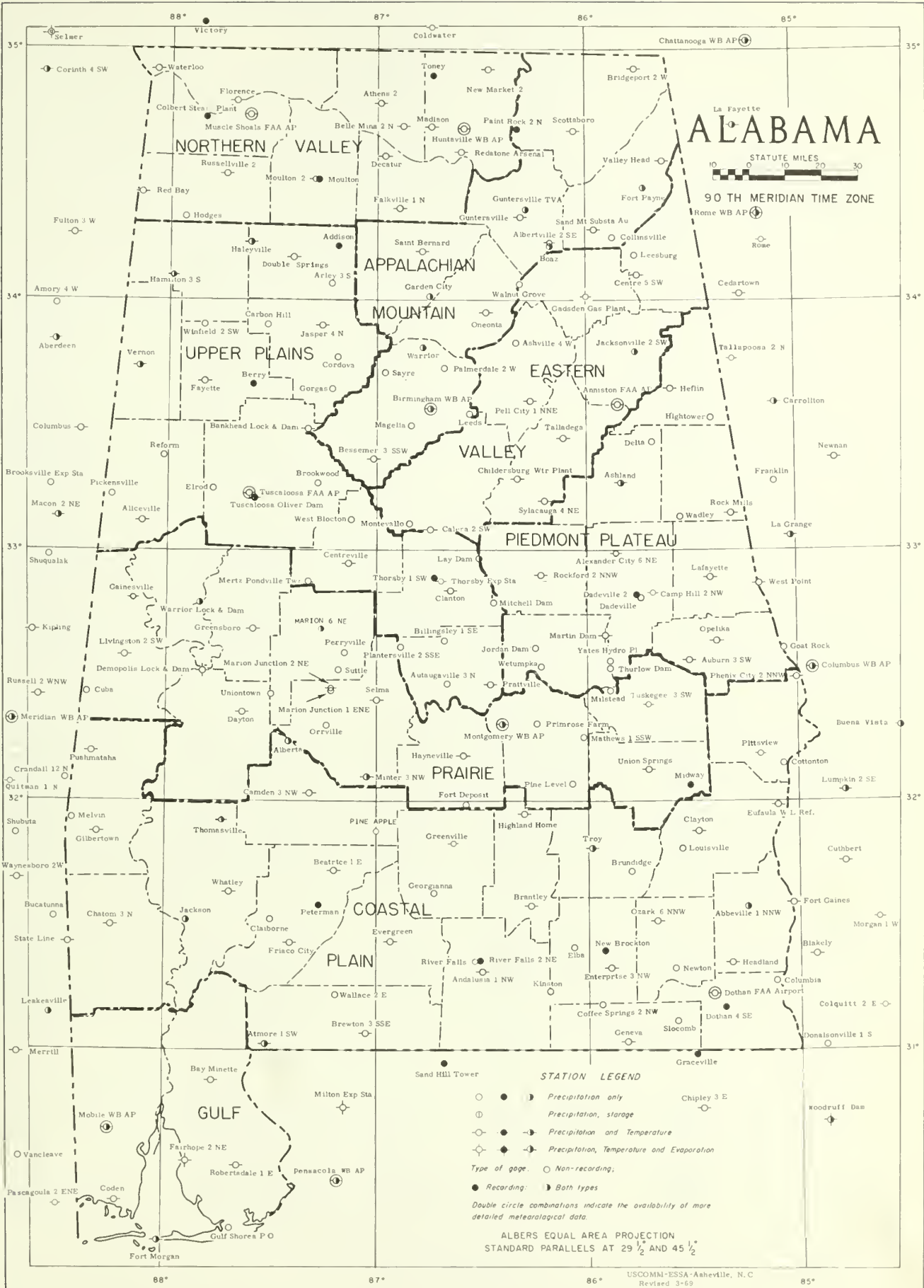
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CLIMATOLOGICAL DATA

ALABAMA
JUNE 1969

Continued

Station	Temperature												Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										1st Above	1st Below	1st Below 0°	1st Below -1°					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More				
	* * * PRAIRIE 06																										
DAYTON																											
OEMOPOLIS LOCK AND OAM	91.3	65.4	78.4			99	30+	54	4	0	21	0	0	0	.30	- 3.15	.15	22	.0	0					1	0	0
GAINESVILLE	90.2	66.3	78.3			98	30	52	3	0	22	0	0	0	2.03		.85	20	.0	0					3	2	0
GREENSBORO	92.8	67.3	80.1	.0		101	30+	55	3	0	24	0	0	0	.64	- 2.55	.24	22	.0	0					5	0	0
HAYNEVILLE	90.5M	65.4M	78.0M			100	30	53	4	0	0	0	0	1.89		.65	21	.0	0					5	2	0	
LIVINGSTON 2 SW	94.0	65.8	79.9			105	30	48	3	1	24	0	0	0	.38		.23	22	.0	0					2	0	0
MARION JUNCTION 2 NE	91.9	67.0	79.5			101	29	54	3	0	23	0	0	0	1.70		1.20	15	.0	0					3	1	1
WINTER 3 NW	89.9	65.4	77.7			99	30	55	4+	0	19	0	0	0	2.06		1.24	15	.0	0					3	0	0
MONTGOMERY WB AP	91.7	67.1	79.4	.0		101	28	54	4	0	23	0	0	0	1.75	- 2.42	.88	10	.0	0					3	2	0
SELMA	94.4	68.7	81.6	1.4		103	29	58	17+	0	23	0	0	0	.10	- 3.64	.06	26	.0	0					0	0	0
TUSKEGEE 3 SW	90.4	64.8	77.6	- 1.6		99	30	53	5+	0	18	0	0	0	4.32	.18	1.84	20	.0	0					3	3	2
UNION SPRINGS	92.0	67.1	79.6	.3		101	20	57	3	0	22	0	0	0	1.58	- 2.22	.90	21	.0	0					2	2	0
DIVISION			79.1	- .7										1.52	- 2.24			.0									
* * * COASTAL PLAIN 07																											
ANOAUSIA 1 NW	94.2	64.1	79.2			102	30	50	4	0	24	0	0	0	.30		.20	21	.0	0					2	0	0
ATHORE 1 SW	92.3	67.5	79.9			99	29	54	4	0	23	0	0	0	4.55		3.06	21	.0	0					5	2	1
BEATRICE 1 E	89.6	62.3	76.0			101	30	52	18	0	14	0	0	0	T	T	.29+		.0	0					0	0	0
BRANTLEY	93.8	63.8	78.8			102	29	48	4	0	24	0	0	0	1.08	- 3.20	.61	20	.0	0					3	1	0
BREWTON 3 SSE	94.5	64.7	79.6	.8		103	28	49	4	0	26	0	0	0	1.85	- 3.35	.98	13	.0	0					3	2	0
CAMOEN 3 NW	94.2	64.5	79.4			102	29+	52	4	0	25	0	0	0	2.88		2.49	12	.0	0					2	1	1
CHATON 3 N	94.1	67.3	80.7			102	29	56	3	0	26	0	0	0	1.24		1.12	30	.0	0					2	1	1
CLAYTON	89.5	68.2	78.9			97	30+	59	3	0	16	0	0	0	.62	- 3.44	.52	21	.0	0					2	1	0
GOOTHAN FAA AIRPORT	90.5	70.6	80.6			99	29	60	4	0	20	0	0	0	1.14	- 3.01	.62	20	.0	0					3	1	0
ENTERPRISE 3 NW	91.9	68.0	80.0			100	30	59	3	0	24	0	0	0	1.71		.65	20	.0	0					3	2	0
EUFALA WILDLIFE REF	91.8	66.7	79.3			99	29	50	4	0	24	0	0	0	6.20		2.19	21	.0	0					6	4	3
EVERGREEN	94.2M	69.2M	81.7M			102	30+	58	3	0	25	0	0	0	.71		.35	21	.0	0					2	0	0
FRISCO CITY	94.2	67.5	80.9			105	30	55	3	0	25	0	0	0	.28	- 4.81	.14	15	.0	0					1	0	0
GENEVA															.96	- 3.28	.40	21	.0	0					3	0	0
GILBERTOWN	92.6	65.7	79.2			100	29	50	3	0	24	0	0	0	.39		.27	22	.0	0					2	0	0
GREENVILLE	90.9	66.9	78.9	- 1.3		100	30	56	4+	0	22	0	0	0	.98	- 3.39	.62	15	.0	0					2	1	0
HEADLAND	95.4	68.0	81.7			102	30	56	4	0	29	0	0	0	1.36		.52	13	.0	0					6	1	0
HIGHLAND HOME	92.2	66.7	79.5	.2		101	30	55	3	0	24	0	0	0	3.20	- 1.59	.95	15	.0	0					4	3	0
OZARK 6 NNW	92.8	63.8	78.3	- 1.7		101	29+	52	4	0	26	0	0	0	3.60	- .83	2.28	5	.0	0					3	2	2
PHENIX CITY 2 NNW	90.7	67.9	79.3			99	30	59	4	0	20	0	0	0	3.15		1.45	20	.0	0					5	3	1
PITTSVIEW	91.5	64.6	78.1			99	29	48	4	0	23	0	0	0	3.44		2.16	21	.0	0					4	2	1
THOMASVILLE	91.2	67.9	79.6			101	30	55	3	0	22	0	0	0	.25		.17	15	.0	0					1	0	0
TRY	92.0	67.7	79.9	.5		99	29	58	3	0	23	0	0	0	1.12	- 2.25	.82	21	.0	0					2	1	0
WHATLEY	93.9	62.7	78.3			103	28	47	4	0	24	0	0	0	1.22		1.15	15	.0	0					1	1	1
DIVISION			79.5	- .2										1.76	- 2.70			.0									
* * * GULF 08																											
BAY MINETTE	91.2	70.0	80.6			97	29+	61	17+	0	23	0	0	0	5.86		3.41	21	.0	0					7	3	1
COEN	91.4	70.7	81.1			97	29+	58	3	0	23	0	0	0	1.63		.77	15	.0	0					6	1	0
FAIRHOPE 2 NE	91.0	70.6	80.8	.8		97	29	61	3	0	20	0	0	0	4.27	- 1.92	1.63	21	.0	0					5	4	1
FORT MORGAN	89.1	75.6	82.4			94	29+	67	29	0	14	0	0	0	3.15		1.05	15	.0	0					5	3	1
MOBILE WB AIRPORT	93.5	71.2	82.4	.9		101	29	61	3	0	25	0	0	0	1.33	- 4.90	.33	12	.0	0					5	0	0
ROBERTSOLE 1 E	91.9	66.9	79.4			100	30	58	4	0	21	0	0	0	3.04	- 3.79	1.20	22	.0	0					6	2	1
DIVISION			81.1	1.0										3.21	- 2.66			.0									

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	105	OATE	30
LOWEST TEMPERATURE RUSSELLVILLE 2	36	OATE	04+
GREATEST TOTAL PRECIPITATION MAOISON	7.36		
LEAST TOTAL PRECIPITATION BEATRICE 1 E	T		
GREATEST 1 DAY PRECIPITATION HUNTSVILLE WB AP	4.46	OATE	14

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
JUNE

1969

Continued

Table with columns for Station, Day of Month (1-31), and Average. Rows include stations like PRATTVILLE, THORSBY EXP STATION, TUSCALOOSA FAA AP, TUSCALOOSA OLIVER OAM, VEPNON, EASTERN VALLEY, ANNISTON FAA AP, CALERA 2 SW, CENTRE 5 SW, CHILOERSBURG WTR PLANT, GADSDEN GAS PLANT, PELL CITY 1 NNE, SYLACAUGA 4 NE, TALLAPOOSA, PIEDMONT PLATEAU, ALEXANDER CITY 6 NE, ASHLAND, AUBURN 3 SW, CAMP HILL 2 NW, HEFLIN, LAFAYETTE, MARTIN OAM, DPELIKA, ROCKFORD 2 NNW, ROCK HILLS, PATRIE, DAYTON, MEMPHIS LOCK AND OAM, GAINESVILLE, GREENSBORO, HAYNEVILLE, LIVINGSTON 2 SW, MARION JUNCTION 2 NE, MINTFR 3 NW, MONTGOMERY WB AP, SELMA.

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
JUNE 1969

Station	Day Of Month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEDMONT PLATEAU 05																																
HARTIN OAM	EVAP	.21	-	-	-	-	.24	.26	.18	.31	.24	.20	.16	.23	.22	.15	.39	-	-	-	-	.37	.21	.22	.24	.26	-	-	-	-	-	
	WIND	6	10	7	-	-	-	-	-	-	-	-	-	-	-	18	71	59	10	12	23	28	4	6	6	6	4	4	3	10	7	1
* * * PRAIRIE 06																																
OEMOPOLIS LOCK AND OAM	EVAP	.20	.22	.27	.29	.21	.20	.20	.07	.23	.22	.36	.19	.27	.23	.24	.15	.14	.20	.21	.20	.28	.36	.28	.34	.34	.33	.31	.38	.19	.30	7.41
	WIND	22	28	65	29	48	39	20	12	11	9	40	32	24	34	27	109	62	27	34	46	49	51	44	48	49	60	51	22	27	1119	
	MAX	102	98	84	92	87	86	87	86	91	88	82	84	83	84	96	95	79	96	97	96	95	96	95	91	95	99	102	103	105	104	92.6
	MIN	72	72	63	60	62	65	66	70	73	76	75	75	76	75	75	66	64	63	67	72	71	72	70	78	75	76	77	76	76	78	71.2
* * * GULF 08																																
FAIRHOPE 2 NB	EVAP	.26	.23	.27	.31	.16	.22	.28	.24	.25	.23	.15	.26	.15	.06	.42	.35	.25	.31	.17	.33	-	.18	.23	.29	.28	.25	.28	.36	.17	.21	7.408
	WIND	27	27	34	26	24	22	17	20	30	16	14	18	14	19	23	43	38	25	36	30	35	19	24	20	14	16	16	17	30	15	709
	MAX	100	95	93	94	91	96	97	100	99	97	96	100	97	100	101	100	96	100	101	104	101	103	106	106	104	104	104	104	103	103	99.8
	MIN	70	71	66	63	66	65	67	70	74	76	77	72	73	72	73	68	66	74	76	79	70	71	80	80	78	77	76	77	78	73	72.6

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1969
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	37° or Below	37° or Below	32° or Below										
DECEMBER 1968 HEFLIN	49.0	24.0	36.5		63	19	11	16	874	0	1	24	0	7.72		3.00	21	.0	0		7	5	3
JANUARY 1969 ASHLAND MADISON	46.8	30.0	38.4	-4.3	69	31	63	8	816	0	0	19	0	4.99	2.52	1.67	20	.0	0		6	4	1
FEBRUARY 1969 HALEYVILLE MINTER 3 NW	52.5 58.6	30.3 36.0	41.4 47.3		68 78	3 2	18 26	4 14	653 492	0	0	19 11	0	6.12 3.50		2.16 1.53	1 15	.0 .0	0		7 7	3 2	3 1

DAILY PRECIPITATION

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1968 HEFLIN	7.72	.78	1.66										.40								.13	3.00	.53									1.22	
JANUARY 1969 ASHLAND MADISON	4.99 8.08	.03	.03	.51		.43	.51	.34								T	.70	2.00	.05	.90	1.67	.04		.20					.03	.02	.06	.17	
FEBRUARY 1969 HALEYVILLE MINTER 3 NW	6.12 3.50	2.16	1.52	.90		1.36	.23	.27	.48	.20						.20	1.53	.22	.10	.01				.18	.26								
APRIL 1969 ASHVILLE 4 W	3.81				.40	.31					.95	.24	.50	.41					1.00														

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
JUNE 1969
DELAYED DATA

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
DECEMBER 1968																																	
HEFLIN	MAX	41	45	54	44	47	58	59	42	44	49	50	55	55	51	32	35	44		63	54	50	48	42	42	41	49	57	62	48	51	57	
	MIN	38	41	41	34	24	22	23	17	12	15	17	16	21	27	12	11	15	18		21	30	31	37	30	19	15	14	19	38	24	29	34
* * *																																	
JANUARY 1969																																	
ASHLAND	MAX															51	57	59	57	62	60	47	48	50	58	60	48	53	48	52	53	69	
	MIN															26	27	28	43	51	43	40	39	40	46	27	23	25	33	34	38	48	
MADISON	MAX	32	41	40	25	37	47	42	63	60	36	37	44	44	49	53	57	54	56	55	44	47	49	57	53	40	33	44	45	53	62	52	
	MIN	12	14	23	10	8	26	23	27	24	15	21	22	23	24	32	35	45	50	42	41	40	42	47	29	23	29	30	40	43	49	40	
* * *																																	
FEBRUARY 1969																																	
HALEYVILLE	MAX	53	60	68	51	54	54	60	65	62	45	57	60	46	47	45	36	37	34	46	53	55	61	54	48	52	48	54	65		52.5		
	MIN	49	47	36	18	23	26	36	39	38	25	25	27	25	25	23	31	30	25	23	23	30	35	34	31	31	28	28	36		30.3		
MINTON 3 NW	MAX	72	78	70	50	54	58	72	74	74	54	59	61	59	55	43	42	40	38	50	58	59	64	53	58	58	58	61	69		58.6		
	MIN	57	61	47	27	27	29	43	46	44	33	33	37	26	26	37	35	35	31	27	28	35	37	43	32	29	30	34	38		36.0		

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
DECEMBER 1968	CLIMATOLOGICAL DATA	EASTERN VALLEY 04	CHILDERSBURG WATER PL	TOTAL PRECIPITATION 8.14, NUMBER OF DAYS WITH PRECIPITATION .10 OR MORE 9
DECEMBER 1968	DAILY PRECIPITATION	EASTERN VALLEY 04	CHILDERSBURG WATER PL	TOTAL 8.14, AMOUNT ON 30TH .46, ON 31ST .38

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

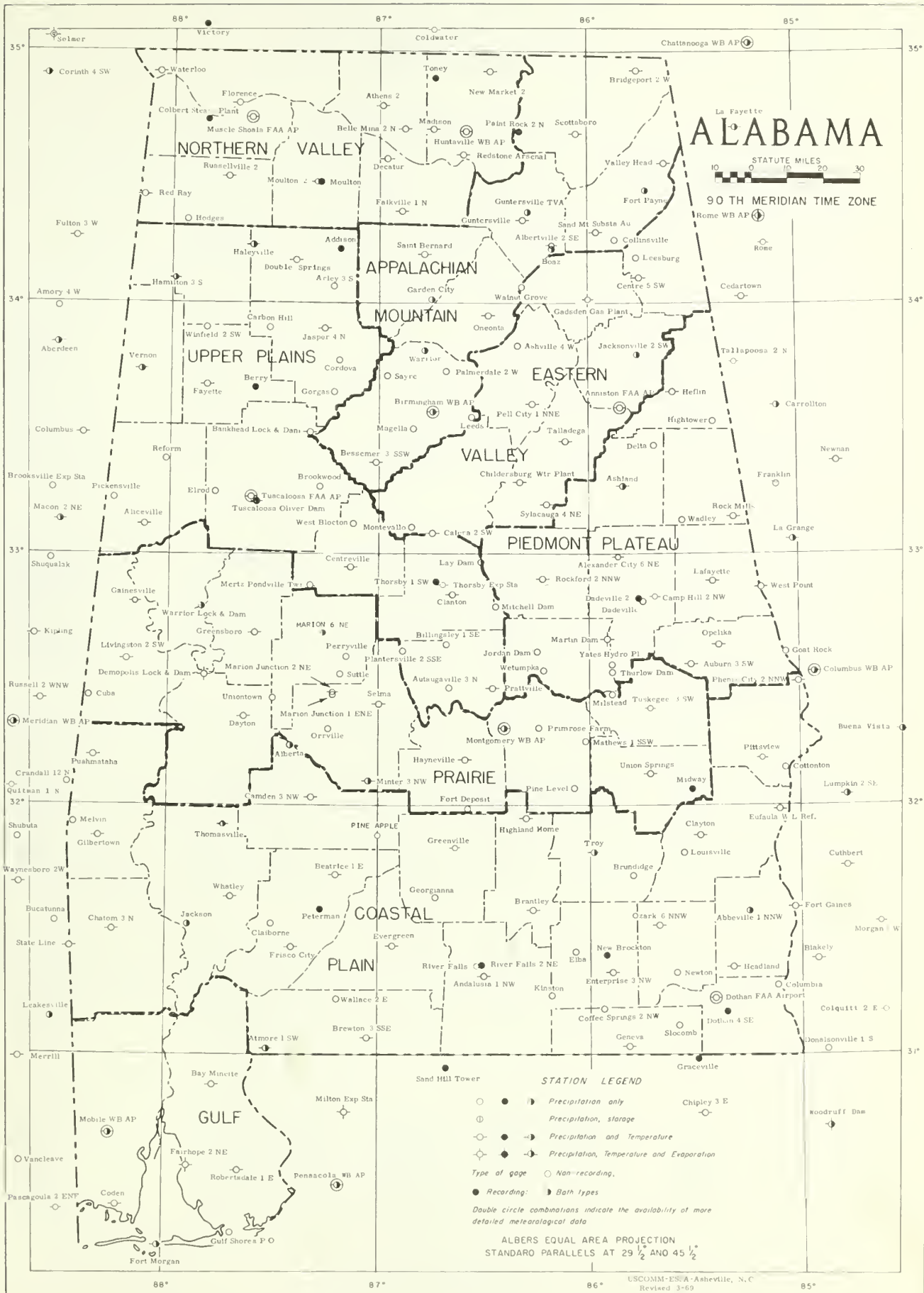
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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ALABAMA

10 0 30
STATUTE MILES
90 TH MERIDIAN TIME ZONE

- STATION LEGEND**
- ● → Precipitation only
 - ⊙ ● → Precipitation, storage
 - ● → Precipitation and Temperature
 - ⊙ ● → Precipitation, Temperature and Evaporation
 - ● → Type of gage Non-recording.
 - ● → Recording: ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data*

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1968 - 1969

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
NDRTHRN VALLEY D1														
ATHENS 2	SNOWFALL 1 IN ON GO					T			T					T
BELLE MINA 2 N	SNOWFALL 1 IN ON GO							T	1.0					1.0
DECATUR	SNOWFALL 1 IN ON GO					T			2.0 1					2.0 1
FALKVILLE 1 N	SNOWFALL 1 IN ON GO													
FLORENCE	SNOWFALL 1 IN ON GO					T		T	1.0	T				1.0
HOOGES	SNOWFALL 1 IN ON GO									T				T
HUNTSVILLE WB AP	SNOWFALL 1 IN ON GO					T	T	T	.5	T				.5
MADISON	SNOWFALL 1 IN ON GO					T			T	T				T
MOULTON 2	SNOWFALL 1 IN ON GO					T	T		2.2	.1				2.3
MUSCLE SHOALS FAA AP	SNOWFALL 1 IN ON GO					T	T	T	2.0 2	T				2.0 2
NEW MARKET 2	SNOWFALL 1 IN ON GO					T	T	1.0	1.0	T				2.0
REO BAY	SNOWFALL 1 IN ON GO					T		T	1.0	T				1.0
REOSTONE ARSENAL	SNOWFALL 1 IN ON GO					T								T
RUSSELLVILLE 2	SNOWFALL 1 IN ON GO								1.3 1					1.3 1
WATERLOO	SNOWFALL 1 IN ON GO					T		T	1.0	T				1.0
* * *														
APPALACHIAN MOUNTAINS D2														
ALBERTVILLE 2 SE	SNOWFALL 1 IN ON GO					-								-
BESSEMER 3 SSW	SNOWFALL 1 IN ON GO						T	T	T	T				T
BIRMINGHAM WB AP	SNOWFALL 1 IN ON GO					T	T	T	T	T				T
BOAZ	SNOWFALL 1 IN ON GO					.3			- -	2.0 1				- -
BRIOGEPORT 2 W	SNOWFALL 1 IN ON GO					T	T	-	T	T				-
COLLINSVILLE	SNOWFALL 1 IN ON GO					T	T		T					T
FORT PAYNE	SNOWFALL 1 IN ON GO					T			2.7 1					2.7 1
GARDEN CITY	SNOWFALL 1 IN ON GO													
GUNTERSVILLE	SNOWFALL 1 IN ON GO					-	-	-	-					-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued		SEASON OF 1968 - 1969												ALABAMA
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LEEDS	SNOWFALL 1 IN ON GD					T	T	T	T					T
MAGELLA	SNOWFALL 1 IN ON GD													
ONEONTA	SNOWFALL 1 IN ON GD					T			.3	1.0				1.3
PALMERDALE 2 W	SNOWFALL 1 IN ON GD					-			T	T				-
SAINT BERNARD	SNOWFALL 1 IN ON GD					T			T	.8				.8
SAND MT SUBSTA AU	SNOWFALL 1 IN ON GD													
SAYRE	SNOWFALL 1 IN ON GD													
SCOTTSBORD	SNOWFALL 1 IN ON GD													
VALLEY HEAD	SNOWFALL 1 IN ON GD						T	T	.8 1	T				.8 1
WARRIOR	SNOWFALL 1 IN ON GD									T				T
* * *														
UPPER PLAINS	03													
ALICEVILLE	SNOWFALL 1 IN ON GD							T						T
ARLEY 3 S	SNOWFALL 1 IN ON GD													
AUTAUGAVILLE 3 N	SNOWFALL 1 IN ON GD													
BANKHEAD LOCK AND DAM	SNOWFALL 1 IN ON GD													
BILLINGSLEY 1 SE	SNOWFALL 1 IN ON GD													
BROOKWOOD	SNOWFALL 1 IN ON GD									T				T
CARBON HILL	SNOWFALL 1 IN ON GD													
CENTREVILLE	SNOWFALL 1 IN ON GD													
CLANTON	SNOWFALL 1 IN ON GD													
CORDOVA	SNOWFALL 1 IN ON GD													
DOUBLE SPRINGS	SNOWFALL 1 IN ON GD					T			T	1.0				1.0
ELROD	SNOWFALL 1 IN ON GD													
FAYETTE	SNOWFALL 1 IN ON GD													
GORGAS	SNOWFALL 1 IN ON GD													
HALEYVILLE	SNOWFALL 1 IN ON GD					T		T		1.0				1.0
HAMILTON 3 S	SNOWFALL 1 IN ON GD					T		T	1.2 1	T				1.2 1

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued		SEASON OF 1968 - 1969												ALABAMA
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
JASPER 4 N	SNOWFALL 1 IN ON GD								T	.5				.5
LAY DAM	SNOWFALL 1 IN ON GD													
MERTZ PONDVILLE TOWER	SNOWFALL 1 IN ON GD													
MITCHELL DAM	SNOWFALL 1 IN ON GD													
PICKENSVILLE	SNOWFALL 1 IN ON GD													
PLANTERSVILLE 2 SSE	SNOWFALL 1 IN ON GD													
PRATTVILLE	SNOWFALL 1 IN ON GD													
REFORM	SNOWFALL 1 IN ON GD													
THORSBY EXP STATION	SNOWFALL 1 IN ON GD					T								T
TUSCALOOSA FAA AP	SNOWFALL 1 IN ON GD							T		T				T
TUSCALOOSA OLIVER DAM	SNOWFALL 1 IN ON GD													
VERNON	SNOWFALL 1 IN ON GD													
WEST BLOCTON	SNOWFALL 1 IN ON GD													
WINFIELD 2 SW	SNOWFALL 1 IN ON GD									T				T
* * *														
EASTERN VALLEY 04														
ANNISTON FAA AP	SNOWFALL 1 IN ON GD					T		T	T	T				T
ASHVILLE 4 W	SNOWFALL 1 IN ON GD													
CALERA 2 SW	SNOWFALL 1 IN ON GD													
CENTRE 5 SW	SNOWFALL 1 IN ON GD					T		T	T	T				T
CHILDERSBURG WTR PLANT	SNOWFALL 1 IN ON GD									T				T
GADSDEN GAS PLANT	SNOWFALL 1 IN ON GD													
JACKSONVILLE 2 SW	SNOWFALL 1 IN ON GD					T								T
LEESBURG	SNOWFALL 1 IN ON GD													
MONTEVALLO	SNOWFALL 1 IN ON GD													
PELL CITY 1 NNE	SNOWFALL 1 IN ON GD													
SYLACAUGA 4 NE	SNOWFALL 1 IN ON GD													
TALLADEGA	SNOWFALL 1 IN ON GD					T			T					T

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued		SEASON OF 1968 - 1969												ALABAMA
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
WALNUT GROVE	SNOWFALL 1 IN ON GD									T	T			T
* * *														
PIEDMONT PLATEAU 05														
ALEXANDER CITY 6 NE	SNOWFALL 1 IN ON GD					T								T
ASHLAND	SNOWFALL 1 IN ON GD					.3			1.0					1.3
AUBURN 3 SW	SNOWFALL 1 IN ON GD					-								-
CAMP HILL 2 NW	SNOWFALL 1 IN ON GD					-								-
DADEVILLE	SNOWFALL 1 IN ON GD													
DELTA	SNOWFALL 1 IN ON GD													
HEFLIN	SNOWFALL 1 IN ON GD									T				T
HIGHTOWER	SNOWFALL 1 IN ON GD					T				T				T
JORDAN DAM	SNOWFALL 1 IN ON GD													
LAFAYETTE	SNOWFALL 1 IN ON GD													
MARTIN DAM	SNOWFALL 1 IN ON GD													
OPELIKA	SNOWFALL 1 IN ON GD					-								-
ROCKFORD 2 NNW	SNOWFALL 1 IN ON GD									T				T
ROCK MILLS	SNOWFALL 1 IN ON GD					T								T
THURLOW DAM	SNOWFALL 1 IN ON GD													
WADLEY	SNOWFALL 1 IN ON GD													
WETUMPKA	SNOWFALL 1 IN ON GD													
YATES HYDRD PLANT	SNOWFALL 1 IN ON GD													
* * *														
PRAIRIE 06														
CUBA	SNOWFALL 1 IN ON GD													
DAYTON	SNOWFALL 1 IN ON GD													
DEMOPOLIS LOCK AND DAM	SNOWFALL 1 IN ON GD													
FORT DEPOSIT	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
GAINESVILLE	SNOWFALL 1 IN ON GD						T	T						T

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
GREENSBORO	SNOWFALL 1 IN ON GD													
HAYNEVILLE	SNOWFALL 1 IN ON GD													
LIVINGSTON 2 SW	SNOWFALL 1 IN ON GD							T						T
MARION 6 NE	SNOWFALL 1 IN ON GD													
MARION JUNCTION 1 ENE	SNOWFALL 1 IN ON GD													
MARION JUNCTION 2 NE	SNOWFALL 1 IN ON GD													
MATHEWS 1 SSW	SNOWFALL 1 IN ON GD													
MILSTEAD	SNOWFALL 1 IN ON GD													
MINTER 3 NW	SNOWFALL 1 IN ON GD					T								T
MONTGOMERY WB AP	SNOWFALL 1 IN ON GD					T			T					T
ORRVILLE	SNOWFALL 1 IN ON GD													
PERRYVILLE	SNOWFALL 1 IN ON GD													
PINE LEVEL	SNOWFALL 1 IN ON GD					3.0								3.0
SELMA	SNOWFALL 1 IN ON GD													
SUTTLE	SNOWFALL 1 IN ON GD								-					-
TUSKEGEE 3 S	SNOWFALL 1 IN ON GD													
TUSKEGEE 3 SW	SNOWFALL 1 IN ON GD													
UNION SPRINGS	SNOWFALL 1 IN ON GD					2.0								2.0
UNIONTOWN	SNOWFALL 1 IN ON GD													
WARRIOR LOCK AND DAM	SNOWFALL 1 IN ON GD													
* * *														
COASTAL PLAIN 07														
ABBEVILLE 1 NNW	SNOWFALL 1 IN ON GD									T				T
ALBERTA	SNOWFALL 1 IN ON GD							T						T
ANDALUSIA 1 NW	SNOWFALL 1 IN ON GD													
ATHORE 1 SW	SNOWFALL 1 IN ON GD					-	-	-						-
BEATRICE 1 E	SNOWFALL 1 IN ON GD					2.5								2.5
BRANTLEY	SNOWFALL 1 IN ON GD													

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued		SEASON OF 1968 - 1969												ALABAMA
Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
BREWTON 3 SSE	SNOWFALL 1 IN ON GD													
BRUNDIDGE	SNOWFALL 1 IN ON GD									T				T
CAMDEN 3 NW	SNOWFALL 1 IN ON GD													
CHATOM 3 N	SNOWFALL 1 IN ON GD									T				T
CLAIBORNE	SNOWFALL 1 IN ON GD													
CLAYTON	SNOWFALL 1 IN ON GD													
COFFEE SPRINGS 2 NW	SNOWFALL 1 IN ON GD													
COTTONTON	SNOWFALL 1 IN ON GD													
DOTHAN FAA AIRPORT	SNOWFALL 1 IN ON GD									T				T
ELBA	SNOWFALL 1 IN ON GD													
ENTERPRISE 3 NW	SNOWFALL 1 IN ON GD													
EUFULA WILDLIFE REF	SNOWFALL 1 IN ON GD													
EVERGREEN	SNOWFALL 1 IN ON GD													
FRISCO CITY	SNOWFALL 1 IN ON GD									T				T
GENEVA	SNOWFALL 1 IN ON GD													
GEORGIANNA	SNOWFALL 1 IN ON GD													
GILBERTOWN	SNOWFALL 1 IN ON GD							T						T
GREENVILLE	SNOWFALL 1 IN ON GD													
HEADLAND	SNOWFALL 1 IN ON GD													
HIGHLAND HOME	SNOWFALL 1 IN ON GD									T				3.0
JACKSON	SNOWFALL 1 IN ON GD										-	-	-	-
KINSTON	SNOWFALL 1 IN ON GD													
LOUISVILLE	SNOWFALL 1 IN ON GD													
MELVIN	SNOWFALL 1 IN ON GD													
NEWTON	SNOWFALL 1 IN ON GD													
OZARK 6 NNW	SNOWFALL 1 IN ON GD													
PHENIX CITY 2 NNW	SNOWFALL 1 IN ON GD													
PINE APPLE	SNOWFALL 1 IN ON GD							T						T

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
PITTSVIEW	SNOWFALL 1 IN ON GD													
RIVER FALLS	SNOWFALL 1 IN ON GD													
SLOCUMB	SNOWFALL 1 IN ON GD													
THOMASVILLE	SNOWFALL 1 IN ON GD													
TROY	SNOWFALL 1 IN ON GD													
WALLACE 2 E	SNOWFALL 1 IN ON GD													
WHATLEY	SNOWFALL 1 IN ON GD													
* * *														
GULF	08													
BAY MINETTE	SNOWFALL 1 IN ON GD													
CODEN	SNOWFALL 1 IN ON GD													
FAIRHOPE 2 NE	SNOWFALL 1 IN ON GD													
FORT MORGAN	SNOWFALL 1 IN ON GD													
GULF SHORES P D	SNOWFALL 1 IN ON GD													
MOBILE WB AIRPORT	SNOWFALL 1 IN ON GD									T				T
ROBERTSDALE 1 E	SNOWFALL 1 IN ON GD													

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA JULY 1969

Station		Day of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN			97	97	95	96	95	97	96	95	99	95	95	95	94	93	90	91	95	94	96	94	89	90	90	91	88	86	85	88	93.2		
BELLE MINA 2 N	MAX MIN	94	92	90	95	95	96	95	96	89	95	96	96	97	95	94	94	92	91	95	95	94	95	89	88	90	91	91	86	86	88	87	92.5	
DECATUR	MAX MIN																																	
FALKVILLE 1 N	MAX MIN	96	94	91	90	95	95	94	92	95	87	95	95	96	95	95	94	93	86	89	94	93	90	89	93	92	88	88	84	87	92.0			
FLORENCE	MAX MIN	100	94	93	98	98	98	98	98	98	97	100	100	97	95	97	94	92	98	96	96	96	95	95	80	92	92	94	88	87	89	91	94.7	
HUNTSVILLE WB AP	MAX MIN	97	94	93	98	98	98	95	101	91	95	97	98	98	96	94	95	92	91	95	95	96	96	86	90	92	92	90	88	86	89	89	93.7	
HAOISON	MAX MIN	95	95	89	96	97	98	97	99	92	94	94	94	96	96	94	93	92	91	95	93	96	96	86	87	89	92	90	88	86	87	92.7		
MOULTON 2	MAX MIN	96	95	93	98	96	97	97	100	94	98	96	97	96	96	95	94	90	88	94	93	95	95	90	90	92	92	85	87	87	90	91	93.5	
MUSCLE SHOALS FAA AP	MAX MIN	93	93	92	98	97	98	98	101	101	97	98	99	96	96	96	96	90	91	98	97	97	95	93	91	93	94	89	87	86	88	89	94.4	
NEW MARKET 2	MAX MIN	94	91	91	97	96	96	95	96	88	95	96	93	92	93	92	92	90	92	95	90	91	93	86	87	90	92	89	85	83	87	89	91.5	
REO BAY	MAX MIN	99	96	92	95	100	99	99	99	100	101	101	102	101	100	97	99	96	88	90	95	98	92	99	95	94	95	85	89	90	94	94	95.8	
REOSTONE ARSENAL	MAX MIN	94	90	89	94	94	92	89	94	86	93	91	93	92	94	90	91	85	88	92	92	92	82	87	90	88	84	85	75	87	89	89.5		
RUSSELLVILLE 2	MAX MIN	98	99	95	97	100	98	96	97	101	98	99	101	101	97	98	97	96	88	91	95	97	95	94	91	93	93	92	89	87	86	91	95.2	
WATERLOO	MAX MIN	97	97	95	100	101	100	99	101	101	101	104	102	102	101	97	98	98	97	97	100	97	99	89	90	95	91	91	90	87	90	92	96.7	
APPALACHIAN MOUNTAINS 02																																		
ALBERTVILLE 2 SE	MAX MIN	94	91	92	101	95	95	89	95	85	94	96	94	95	95	95	93	88	94	95	91	95	93	88	88	88	88	88	88	85	88	90	91.7	
BESSEMER 3 SSW	MAX MIN	74	64	68	67	72	71	74	73	72	70	71	70	69	68	74	70	68	67	68	71	68	68	71	68	71	68	71	68	64	61	61	69.0	
BIRMINGHAM WB AP	MAX MIN	94	92	90	97	95	95	92	96	93	92	94	94	95	95	95	95	85	93	96	95	91	92	92	90	92	93	85	88	87	89	90	92.3	
BRIOGEPORT 2 W	MAX MIN	89	90	93	94	96	95	93	91	90	93	94	93	94	91	92	91	90	94	96	94	94	93	88	87	90	92	89	87	86	86	90	91.5	
GUNTERVILLE	MAX MIN	101	95	93	98	97	98	94	92	92	93	96	94	95	95	95	94	94	92	92	89	94	94	90	93	92	90	93	92	89	88	90	91	92.6
DNEONTA	MAX MIN	95	94	92	91	96	94	94	93	96	87	93	95	92	94	93	92	90	84	88	90	93	92	92	89	88	91	91	87	88	87	86	91.2	
SAINT BERNARD	MAX MIN	95	91	89	88	96	92	93	89	94	86	95	96	91	94	93	91	92	81	88	92	91	90	90	85	87	89	88	84	84	84	88	89.9	
SANO MT SUBSTA AU	MAX MIN	92	90	90	96	94	94	93	93	85	90	92	92	93	92	90	91	93	90	91	92	87	85	86	87	87	87	85	84	84	86	88	90.0	
SCOTTSBORO	MAX MIN	96	95	91	92	96	96	95	93	95	90	94	95	95	98	96	93	93	94	90	92	97	93	94	95	90	92	92	89	87	91	93	93.2	
VALLEY HEAD	MAX MIN	95	91	89	89	94	93	91	88	90	90	90	94	92	92	92	91	91	80	83	84	88	88	89	86	85	89	81	85	85	85	87	89.1	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	98	97	98	96	100	97	96	96	102	100	98	99	97	99	97	95	94	90	88	94	94	93	93	93	95	94	89	93	91	92	92	95.2	
BANKHEAD LOCK AND DAM	MAX MIN	96	97	96	95	98	96	97	95	101	93	98	97	96	97	98	97	95	83	90	92	93	93	94	92	90	92	90	88	88	90	91	93.8	
CENTREVILLE	MAX MIN	72	70	70	95	99	97	97	98	101	96	95	96	93	97	96	94	92	82	90	94	94	90	94	92	93	94	90	92	91	91	94	94.0	
CLANTON	MAX MIN	92	95	95	94	96	95	95	96	99	95	92	93	85	93	94	91	90	81	89	91	91	89	89	91	90	92	88	92	85	90	91	91.6	
DOUBLE SPRINGS	MAX MIN	76	93	91	91	95	93	94	92	97	93	93	95	94	93	93	92	91	82	87	92	91	92	94	87	87	90	90	80	84	85	87	90.8	
FAYETTE	MAX MIN	99	96	96	100	101	99	99	102	101	99	98	97	99	96	98	93	96	90	93	96	94	94	93	94	94	95	94	90	88	88	91	95.6	
HALEYVILLE	MAX MIN	97	95	92	93	98	95	96	95	98	94	95	95	95	95	95	93	93	83	90	94	95	89	93	90	91	92	90	78	87	86	88	92.3	
HAMILTON 3 S	MAX MIN	96	96	94	95	97	96	96	95	96	99	97	96	95	97	96	96	94	84	90	95	94	94	95	93	93	92	91	87	88	87	90	93.7	
JASPER 4 N	MAX MIN	94	91	93	95	95	92	92	95	93	94	95	93	94	92	94	92	86	89	94	94	90	95	90	89	91	89	84	86	85	88	89	91.2	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1968 - 1969

ALABAMA

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
NORTHERN VALLEY 01														
ATHENS 2	0	0	20	221	469	835	851	670	673	166	46	6	3957	
BELLE MINA 2 N	0	0	5	153	439	753	763	598	599	103	28	2	3443	
OECA TUR	0	0	16	153	445				627	118	31			2904
FALKVILLE 1 N	0	0	29	214	453	802	832	662	667	151	45	7	3862	
FLORENCE	0	0	2	175	457	759	781	623	631	121	32	4	3585	
HUNTSVILLE W8 AP	0	0	7	161	429	806	788	649	655	116	21	0	3632	3070
MAOISON	0	0	9	145	427	788	816	676	653	99	25	2	3640	3143
MOULTON 2	0	0	0	154	425	742	755	608	613	110	27	2	3436	
MUSCLE SHOALS FAA AP	0	0	1	149	411	721	762	646	636	104	24	1	3455	
NEW MARKET 2	0	0	5	176	472	793	804	634	649	130	37	0	3700	
REO BAY	0	0	3	150	427	709	773	609	597	123	30	3	3424	
REOSTONE ARSENAL	0	0	11	189	477	818	799	642	650	147				
RUSSELLVILLE 2	0	0	22	231	512	838	830	705	734	198		23		
WATERLOO	0	1	42	279		703	738	596	606	138	33	5		
* * *														
APPALACHIAN MOUNTAINS 02														
ALBERTVILLE 2 SE	0	0	5	173	418	740	772	607	613	86	23	1	3438	3220
BESSEMER 3 SSW	0	0	4	147	423	695	667	538	537	72	20	2	3105	
BIRMINGHAM W8 AP	0	0	1	148	434	723	687	566	563	95	26	4	3247	2551
BRIEGPORT 2 W	0	0	3	189	471	800	805	622	642	114	41	6	3693	
GUNTERSVILLE	0								539	55	16	1		
ONEONTA	0	0	12	183	468	780	814	628	637	144	38	12	3716	
SAINT BERNARD	0	0	19	229	543	869	879	701	694	171	60	9	4174	3211
SANO MT SUBSTA AU	0	0	8	172	466	794	830	635	615	112	59	4	3695	
SCOTTSBORO	0	0	21	254	545	830	831	645	663	152	56	9	4006	3096
VALLEY HEAD	2	0	35	264	554	924	915	741	756	204	80	14	4489	3349
* * *														
UPPER PLAINS 03														
ALICEVILLE	0	0	1	157	443	717	685	547	549	93	14	0	3206	
BANKHEAD LOCK AND OAM	0	0	0	163	445	728	711	563	625	97	39	3	3374	
CENTREVILLE	0	0	1	143	441	704	676	527	552	77	21	2	3144	2448
CLANTON	0	0	0	141	442	707	678	534	539	71	21	0	3133	2541
DOUBLE SPRINGS	0	0	27	198	461	781		636	643	140	44	0		
FAYETTE	0	0	9	125	398	699	661	517	580	73	19	0	3081	
HALEYVILLE	0	0	8	182	478	783	817	655	663	130	33	2	3751	
HAMILTON 3 S	0	0	21	228	519	808	805	668	684	174	65	9	3981	
JASPER 4 N	0	0	5	184	477	764	747	596	587	92	34	3	3489	
PRATTVILLE	0	0	0	103	387	628	575	454	442	44	8	0	2641	2228
THORSBY EXP STATION	0	0	0	100	382	686	627	483	473	42	9	0	2802	
TUSCALOOSA FAA AP	0	0	0	134	443	730	679	514	526	56	13	0	3095	
TUSCALOOSA OLIVER OAM	0	0	1	117	397	679	646	471	520	58	14	0	2903	2467
VERNON	0	0	2	152	437	711	669	540	557	74	21	3	3166	
* * *														
EASTERN VALLEY 04														
ANNISTON FAA AP	0	0	2	154	444	724	704	577	562	74	26	2	3269	
CALERA 2 SW	0	0	1	137	415	666	654	522	527	90	22	0	3034	
CENTRE 5 SW	0	0	6	173	459	781	798	620	626	106	33	0	3602	
CHILBERSBURG WTR PLANT	0	0	1	139	416	673	654	537	515	68	16	1	3020	
GAOSON GAS PLANT	0	0	1	152	442	748	784	601	577	82	28	1	3416	2893
PELL CITY 1 NNE	0	0	6	199	516	803	790	630	641	149	54	6	3794	
SYLACAUGA 4 NE	0	3	5	443	687	633	633	550	541	67	20	1		
TALLAOEGA	0	0	0	135	411	674	659	545	517	63	18	1	3023	2542
* * *														
PIEDMONT PLATEAU 05														
ALEXANDER CITY 6 NE														
ASHLAND	0	0	0	182	502	769		645	611	128	49	0		
AUBURN 3 SW	0	0	0	130	412	680	629	532	501	68	18	0	2970	2264
CAMP HILL 2 NW	0	0	0	183	462	760	706	608	595	101	40	0	3455	
HEFLIN	0	0	5	206	546	874	833	679	655	156	63			
LAFAYETTE	0	0	0	110	395	638	611	519	468	56	18	0	2815	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1968 - 1969

ALABAMA

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARTIN OAM	0	0	0	55	309	593	544	473	403	25	0	0	2402	
OPELIKA	0	0	0	148	464	726	716	578	546	61	28	0	3267	
ROCKFORD 2 NNW	0	0	0	143	443	731	705	555	535	92	28	0	3232	
ROCK MILLS	0	0	1	168	495	787	777	618	609	117	47	1	3620	
* * *														
PRAIRIE	06													
OAYTON	0	0	0	88	368	616	610	462	489	60	5	0		
MEMPHIS LOCK AND DAM	0	0	0	121				516	527	72	16	0		
GAINESVILLE	0	0	0	124	403	686	664	511	512	69	22	0	2991	
GREENSBORO	0	0	0	82	374	647	602	464	493	33	4	0	2699	2098
HAYNEVILLE	0	0	0	146	411	700	615	508	476	59	25	0	2940	
LIVINGSTON 2 SW				117	376	652	638	496	523	72	19	1		
MARION JUNCTION 2 NE	0	0	0	99	373	618	597	452	470	50	7	0	2666	
MINTER 3 NW	0	0	0	118	396	660	606	492	506	58	23	0	2859	
MONTGOMERY WB AP	0	0	0	102	349	594	536	456	459	42	8	0	2546	2291
SELMA	0	0	0	57	349	539	532	403	399	19	4	0	2302	1913
TUSKEGEE 3 S	0	0	0	123										
TUSKEGEE 3 SW									544	61	27	0		
UNION SPRINGS	0	0	0	102	389	637	598	501	455	44	13	0	2739	2115 2032
* * *														
COASTAL PLAIN	07													
ANDALUSIA 1 NW	0	0	0	136	406	639	561	474	470	55	18	0	2759	
ATMORE 1 SW								361	376	24	5	0		
BEATRICE 1 E	0	0	0	123	373	593	658	462	447	61	0	0		
BRANTLEY	0	0	0	125	418	645	572	485	477	52	10	0	2784	
BREWTON 3 SSE	0	0	0	105	370	547	473	385	392	31	7	0	2310	1853
CAMDEN 3 NW	0	0	0	101	389	636	585	465	468	50	8	0	2702	
CHATON 3 N	0	0	0	64	301	523	493	381	380	25	0	0	2167	
CLAYTON	0	0	0	67	332	562	573	476	459	45	5	0	2519	
ODDAN FAA AIRPORT	0	0	0	63	310	504	455	405	368	17	0	0	2122	
ENTERPRISE 3 NW	0	0	0	95	351	576	538	481	431	25	8	0	2505	
EUFALA WILDLIFE REF	0	0	0	124	374	617	589	504	438	55	12	0	2713	
EVERGREEN	0	0	0	79	340	546	526	423	414	6	0	0		
FRISCO CITY	0	0	0	86	342	560	531	434	434	25	4	0	2416	
GENEVA	0	0	0	103	369	590	529	422	389	23				
GILBERTOWN	0	0	0	102	381	554	532	425	420	54	10	0	2478	
GREENVILLE	0	0	0	94	375	599	643	412	422	36	14	0	2595	1859
HEALAND	0	0	0	70	326	555	526	446	409	23	3	0	2358	
HIGHLAND HOME	0	0	0	91	380	635	594	475	472	41	11	0	2699	1918
OZARK 6 NNW	0	0	0	76	340	570	541	469	443	37	10	0	2486	1711
PHENIX CITY 2 NNW	0	0	0	97	364	652	643	517	462	53	13	0	2801	
PITTSVIEW	0	0	0	162	428	700	663	550	540	81	30	0	3154	2222
THOMASVILLE	0	0	0	94	362	615	584	478	456	48	10	0	2647	2067
TRDY	0	0	0	76	326	531	491	444	412	27	4	0	2311	1953
WHATLEY	0	0	0	117	351	589	543	409	469	51	19	0	2548	
* * *														
GULF	08													
BAY MINETTE	0	0	0	42	273	465	425	333	351	7	0	0	1896	
COOEN	0	0	0	51	254	409	381	316	340	15	1	0	1767	
FAIRHOPE 2 NE	0	0	0	50	279	435	399	320	337	13	0	0	1833	1551
FORT MORGAN	0	0	0	26	192	335	356	306	296	4	0	0	1515	
MOBILE WB AIRPORT	0	0	0	50	284	474	420	320	342	8	0	0	1898	1560
ROBERTSOALE 1 E	0	0	0	71	294	506	469	363	389	27	9	0	2128	

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
JULY 1969

Station	Day Of Month																															Total to Avg	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05																																	
MARTIN DAM	EVAP	.21	.26	.25	.26	.41	.17	.25	-	-	-	.10	.27	.16	.24	.28	.11	.17	.19	.36	.22	.20	.25	.17	.25	.14	.14	.07	.18	.02	.26	6.428	
	WIND	9	19	8	8	4	9	12	23	17	19	11	13	21	15	6	20	15	5	4	5	10	4	13	9	10	5	6	3	4	19	5	331
* * * PRAIRIE 06																																	
MEMPHIS LOCK AND DAM																																	
	EVAP	.33	.30	.22	.33	.29	.23	.29	.24	.37	.23	.21	.19	.19	.24	.20	.26	.26	.06	.13	.28	.30	.17	.22	.21	.25	.32	.13	.20	.19	.27	.28	7.39
	WIND	44	17	39	41	32	15	37	33	44	42	16	17	53	40	13	37	81	109	79	29	25	27	16	53	42	45	44	60	35	29	22	1210
	MAX	100	106	100	104	109	106	109	99	101	98	100	99	92	88	94	98	96	80	91	100	104	101	100	98	98	98	89	95	92	101	94	98.1
	MIN	77	71	71	71	71	71	72	71	81	78	77	73	74	73	72	78	76	74	73	73	74	76	77	76	76	75	75	75	76	74	74	74.5
* * * GULF 08																																	
FAIRHOPE 2 NE																																	
	EVAP	.26	.32	.32	.29	.11	.22	.30	.29	.18	.14	.15	.27	.34	.16	.21	.10	-	.05	-	.23	.19	.18	.17	-	.13	.20	.22	-	.25	.11	.04	6.238
	WIND	17	30	27	15	11	16	24	35	29	13	11	48	37	20	11	16	23	16	9	12	11	15	23	27	44	30	31	23	17	8	13	662
	MAX	101	104	103	104	100	105	104	106	103	97	100	100	103	103	100	88	83	87	91	95	100	101	101	87	95	99	99	90	100	92	95	97.9
	MIN	75	78	77	77	75	76	76	79	76	72	78	79	75	77	78	73	74	72	75	75	75	76	78	76	76	78	80	74	77	78	75	76.3

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- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windsfield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
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- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
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- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

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SPECIAL WEATHER SUMMARY

The center of Hurricane Camille was about 60 miles west of the Alabama line as it moved inland on the Mississippi Coast on the night of August 17-18. Winds were estimated to have reached 90 m.p.h. in gusts at Dauphin Island and on portions of the Alabama Coast just before midnight. At Bates Field near Mobile the highest sustained wind was southeast 44 m.p.h. and the peak gust was 74 m.p.h. Gale winds continued near the coast most of the night.

Tides were estimated to be 10 feet above normal and caused extensive damage on Dauphin Island and in the Coden-Bauoy La Batre sections of Mobile County. Extensive damage was also reported from tides and wind around Gulf Shores and elsewhere on the Baldwin County Coast. The Causeway across Mobile Bay was inundated with severe damage to buildings, roads, and bridges. Sections of downtown Mobile were flooded by the high tides.

Damage was widespread from the wind with utility lines, pecan orchards, corn and soybean crops, as well as hundreds of houses and buildings, damaged to varying degrees. Destructive winds were confined mainly to the immediate

coast and Dauphin Island.

Heavy rains from Camille occurred mainly in Baldwin and Mobile Counties. Mobile and Fairhope reported more than 6 inches. Generally, over the interior amounts were less than 3 inches and no serious flooding occurred.

A few tornadoes were reported in Baldwin and Mobile Counties, but caused little damage.

As Camille moved northward through central Mississippi on August 18, moderate to locally heavy rains fell in the west and extreme north portions of Alabama, but winds were not strong enough to cause extensive damage. Some minor damage occurred to crops.

Crop losses from Camille were mainly to pecans. Over half of the crop was destroyed in Baldwin and Mobile Counties and hundreds of trees were uprooted or mangled. Corn and soybeans were damaged extensively by rain and wind.

Property damage from Camille is estimated at \$4,000,000 and crop damage at about \$5,000,000.

C. C. Wooden, Acting
ESSA-Weather Bureau State Climatologist
Weather Bureau Office
Dannelly Field
R. F. D. 2
Montgomery, Alabama 36108

EVAPORATION AND WIND

ALABAMA
AUGUST 1969

Station	Day Of Month																															Total of Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PRAIRIE 06																																	
DEMOPOLIS LOCK AND OAM	EVAP	.18	.19	.27	.20	.22	.17	.24	.18	.26	.30	.22	.22	.28	.21	.37	.26	.20	.20	.38	.27	.30	.22	.22	.10	.18	.21	.20	.26	.26	.25	.32	7.34
	WIND	24	19	25	26	23	15	12	22	15	48	56	33	18	51	41	36	29	125	174	56	38	31	67	80	45	25	5	23	41	51	60	1314
	MAX	97	96	95	96	97	94	93	100	102	102	95	99	99	95	93	95	98	89	90	97	97	99	93	74	62	95	98	93	97	93	94	95.3
	MIN	75	75	74	74	73	73	75	75	75	75	72	70	69	70	70	70	74	75	75	73	76	75	71	70	70	68	72	73	72	70	69	72.5
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.30	.15	.20	.11	.20	.19	.35	.02	.18	.16	.43	.25	.23	.13	-	-	-	-	.19	.21	.22	.13	.20	.21	.18	.19	.25	.16	.19	.24	.19	6.278
	WIND	12	10	10	14	13	12	10	6	14	74	6	13	13	12	9	15	15	88	21	16	27	19	19	21	13	11	9	9	11	16	23	561
	MAX	95	101	89	98	98	98	95	97	102	103	103	95	94	92	91	100	98	88	101	103	102	100	98	95	96	98	98	99	95	95	91	97.0
	MIN	75	76	73	71	73	73	73	74	76	77	74	72	72	67	70	67	78	75	75	78	78	74	73	72	71	67	68	70	67	69	70	72.5

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

ALABAMA

SEPTEMBER 1969

NOV 17 1969

Volume 75 No. 9

CLIMATOLOGICAL DATA

Station	Temperature																Precipitation			
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		
										Max.	Min.							Total	Max. Depth on Ground	Date
	65° or Above	65° or Below	32° or Below	32° or Below	32° or Below	32° or Below														
<p>NORTHERN VALLEY 01</p> <p>ATHENS 2 82.9M 56.7M 69.8M 92 7+ 44 11 20 6 0 0 0 2.30 .55 5 .0 0 7 1 0 BELLE MINA 2 N 81.6 58.6 70.1 91 6 45 11 12 1 0 0 0 3.87 1.16 20 .0 0 8 4 1 OECATUR 81.7 56.8 69.3 90 19+ 43 11 31 6 0 0 0 3.12 .95 20 .0 0 6 3 0 FALKVILLE 1 N 83.7 56.4 70.1 92 2 42 11 11 4 0 0 0 3.53 1.54 19 .0 0 7 1 1 FLORENCE 80.9 60.6 70.8 - 3.7 89 18+ 45 11 9 0 0 0 0 4.39 1.30 .93 22 .0 0 7 5 0 HUNTSVILLE W8 AP 81.4 60.2 70.8 - 3.0 89 18 44 11 8 0 0 0 0 6.14 1.92 20 .0 0 9 5 2 MADISON 83.7 58.9 71.3 92 6+ 45 29+ 5 6 0 0 0 0 2.16 .71 19 .0 0 5 2 0 MOULTON 2 81.9 59.5 70.7 91 2 45 29 5 2 0 0 0 0 2.80 .89 5 .0 0 7 2 0 MUSCLE SHOALS FAA AP 81.0 57.9 69.5 92 2 44 11 21 2 0 0 0 5.46 1.32 7 .0 0 6 5 3 NEW MARKET 2 RED BAY 83.7 59.9 71.8 92 17+ 49 13+ 1 4 0 0 0 0 REDSTONE ARSENAL 81.5 56.5 69.0 92 6 43 29 17 1 0 0 0 4.44 1.15 22 .0 0 6 4 2 RUSSELLVILLE 2 82.3 55.0 68.7 94 7 42 12+ 28 2 0 0 0 3.92 2.71 18 .0 0 5 2 1 WATERLOO 83.6 59.5 71.6 92 6+ 44 29 8 4 0 0 0 3.29 1.06 4 .0 0 7 3 1 DIVISION 70.3 - 3.4 3.79 .46 .0</p> <p>APPALACHIAN MOUNTAINS 02</p> <p>ALBERTVILLE 2 SE 80.4 59.5 70.0 - 2.4 92 18 49 13 9 1 0 0 0 3.94 1.04 1.02 20 .0 0 5 4 1 BESSEMER 3 SSW 83.9 60.0 72.0 92 18+ 44 12 7 10 0 0 0 3.21 1.28 22 .0 0 7 2 1 BIRMINGHAM W8 AP 81.6 60.2 70.9 - 5.4 91 18+ 48 11 4 5 0 0 0 0 6.85 3.52 1.98 19 .0 0 9 6 3 BRIDGEPORT 2 W 81.3 57.2 69.3 91 2 43 11 18 1 0 0 0 3.96 .61 1.40 19 .0 0 6 3 1 GUNTERSVILLE 83.4 61.0 72.2 92 18 49 11 2 9 0 0 0 1.52 .89 22 .0 0 4 1 0 ONEONTA 81.7 57.4 69.6 93 19 43 13+ 18 4 0 0 0 2.52 1.35 22 .0 0 4 1 1 SAINT BERNARD 81.5 58.8 70.2 - 2.6 91 3+ 49 29+ 10 5 0 0 0 10.43 7.39 3.28 6 .0 0 7 5 5 SAND MT SUBSTA AU 79.6 57.7 68.7 89 18 43 12+ 26 0 0 0 0 3.95 2.00 22 .0 0 5 2 1 SCOTTSDORO 79.9 55.3 67.6 - 5.5 89 19 41 11 38 0 0 0 0 6.17 2.93 2.75 20 .0 0 9 4 1 VALLEY HEAD 80.0 54.6 67.3 - 4.6 90 7 40 11+ 50 1 0 0 0 4.40 1.30 1.34 22 .0 0 6 3 2 DIVISION 69.8 - 3.4 4.70 1.58 .0</p> <p>UPPER PLAINS 03</p> <p>ALICEVILLE 86.0 62.3 74.2 96 7 51 11 0 10 0 0 0 1.64 1.64 20 .0 0 1 1 1 BANKHEAD LOCK AND DAM 84.7 59.5 72.1 94 8+ 46 13 2 9 0 0 0 3.89 2.80 20 .0 0 7 1 1 CENTREVILLE 85.3 58.4 71.9 - 3.8 95 19 46 12+ 5 10 0 0 0 2.90 - .38 2.11 20 .0 0 4 1 1 CLANTON 83.6 60.5 72.1 - 2.8 92 19+ 46 10 2 6 0 0 0 3.68 .47 2.50 22 .0 0 4 2 1 DOUBLE SPRINGS 80.1 59.0 69.6 89 19+ 48 11 10 0 0 0 0 4.90 2.57 19 .0 0 8 2 1 FAYETTE 85.6 56.7 71.2 99 7 44 29+ 10 10 0 0 0 2.23 .69 8 .0 0 7 1 0 HALEYVILLE 82.4 59.5 71.0 91 8+ 50 12+ 5 6 0 0 0 4.75 2.19 19 .0 0 6 3 2 HAMILTON 3 S 84.3 55.2 69.8 92 19+ 42 12+ 16 6 0 0 0 3.16 1.72 20 .0 0 5 3 1 JASPER 4 N 81.0 58.4 69.7 92 18 46 13+ 13 2 0 0 0 3.48 1.40 19 .0 0 4 2 1 PRATTVILLE 86.1 61.8 74.0 - 1.8 95 18 51 13+ 0 10 0 0 0 5.05 1.42 2.90 21 .0 0 6 3 1 THORSBY EXP STATION 83.8 62.7 73.3 93 18 50 10 0 2 0 0 0 3.39 1.27 20 .0 0 5 3 2 TUSCALOOSA FAA AP 86.3 62.4 74.4 96 7 51 12 0 10 0 0 0 1.23 .90 5 .0 0 2 1 0 TUSCALOOSA OLIVER DAM 85.5 60.2 72.9 - 3.1 95 19 47 12 3 9 0 0 0 1.28 - 1.88 .66 6 .0 0 4 1 0 VERNON 86.7 58.1 72.4 95 6 43 29 2 10 0 0 0 1.40 .20 3 .0 0 1 0 0 DIVISION 72.0 - 3.0 3.00 - .23 .0</p> <p>EASTERN VALLEY 04</p> <p>ANNISTON FAA AP 80.8 60.6 70.7 90 18+ 48 11+ 4 3 0 0 0 5.34 2.23 21 .0 0 6 4 2 CALERA 2 SW 84.9 59.9 72.4 95 18 43 11 7 8 0 0 0 4.00 .81 2.34 20 .0 0 4 2 1 CENTRE 5 SW 83.1 58.5 70.8 98 30 47 13+ 8 6 0 0 0 6.41 1.96 21 .0 0 8 4 3 CHILDERSBURG WTR PLANT 84.7 59.2 72.0 93 18+ 46 12+ 3 10 0 0 0 4.84 2.90 22 .0 0 5 2 2 GAOSEN GAS PLANT 81.8 60.7 71.3 - 2.9 91 18 48 12+ 4 3 0 0 0 3.92 1.55 21 .0 0 6 3 1 PELL CITY 1 NNE 80.2M 58.1M 69.2M 90 19 48 13+ 11 1 0 0 0 5.78 2.53 22 .0 0 6 4 1 SYLACAUGA 4 NE 83.6 57.5 70.6 92 18 42 11+ 10 5 0 0 0 4.87 2.00 22 .0 0 6 4 2 TALLADEGA 81.0 60.5 70.8 - 3.9 90 18 47 11 9 1 0 0 0 5.19 2.37 2.84 22 .0 0 6 2 2 DIVISION 71.0 - 3.2 5.04 1.90 .0</p> <p>PIEDMONT PLATEAU 05</p> <p>ALEXANDER CITY 6 NE 79.9 57.2 68.6 89 19 48 26 20 0 0 0 0 9.22 4.80 21 .0 0 4 3 3 ASHLAND 84.3 61.5 72.9 - 2.9 94 19 49 10 0 6 0 0 0 7.42 4.38 22 .0 0 8 3 1 AUBURN 3 SW 82.5 58.4 70.5 93 19 45 10 9 4 0 0 0 6.27 5.30 22 .0 0 5 1 1 CAMP HILL 2 NW 83.1 55.7 69.4 94 4 43 11 18 5 0 0 0 6.73 3.50 21 .0 0 5 3 3 HEFLIN 83.3 57.9 70.6 94 18 45 10 15 7 0 0 0 7.64 2.30 21 .0 0 9 5 3 LAFAYETTE 84.0 63.2 73.6 92 27+ 54 26+ 0 6 0 0 0 4.31 .90 2.50 21 .0 0 5 2 2 MARTIN DAM 83.4 62.3 72.9 94 19 52 27 0 6 0 0 0 5.64 3.70 22 .0 0 7 2 1 OPELIKA 82.6 58.9 70.8 91 19 50 26+ 4 2 0 0 0 5.10 3.75 22 .0 0 5 1 1 ROCKFORD 2 NNW 83.7M 58.2M 71.0M 95 19 47 27+ 7 7 0 0 0 7.21 3.90 22 .0 0 8 3 3 ROCK MILLS DIVISION 71.1 - 4.0 6.62 3.17 .0</p>																				

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
SEPTEMBER 1969

Station	Day Of Month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEQMONT PLATEAU 05																																
MARTIN DAM	EVAP	.15	.13	-	.17	.20	.11	.17	.20	.27	.23	.16	.14	.18	.23	.17	.11	.13	.17	.12	.08	-	-	-	-	.14	.18	.19	.19	.24	.14	5.048
	WIND	14	1	7	6	5	4	6	7	34	68	34	11	7	6	11	5	6	6	6	32	60	38	19	17	14	6	8	20	57	29	544
* * * PRAIRIE 06																																
DEMOPOLIS LOCK AND DAM	EVAP	.12	.18	.29	.20	.21	.16	.12	.23	.23	.43	.07	.02	.25	.17	.20	.16	.16	.22	.20	-	.13	.05	*	.02	.12	.20	.14	.18	.20	.22	5.058
	WIND	60	45	30	26	32	37	15	33	68	94	55	28	34	18	35	24	45	19	23	80	93	135	62	32	18	24	26	16	68	45	1320
	MAX	89	97	99	99	100	101	101	102	95	92	81	81	88	91	89	90	91	94	97	94	75	75	74	75	86	90	89	90	89	87	90.0
	MIN	72	74	71	70	70	70	72	73	69	59	57	57	57	57	57	57	69	73	75	70	69	67	66	68	67	68	65	63	60	58	66.0
* * * GULF 08																																
FAIRHOPE 2 NE	EVAP	.16	-	.23	-	.14	.21	.27	.20	.18	.28	.16	.18	.22	.15	.20	.15	.09	.17	.17	.09	.17	.07	.11	.17	.14	.17	.19	.23	.12	.14	5.108
	WIND	10	10	12	9	11	14	24	22	27	36	25	18	7	7	14	10	12	12	10	21	54	26	19	14	12	13	15	17	21	20	527
	MAX	99	93	93	88	99	99	98	97	94	89	87	90	92	93	95	93	91	98	95	92	89	78	87	88	89	93	89	91	91	88	91.9
	MIN	70	72	70	70	73	75	72	74	70	62	59	60	62	62	63	69	71	72	70	70	88	67	69	68	70	70	62	70	63	63	67.9

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

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INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Traces, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

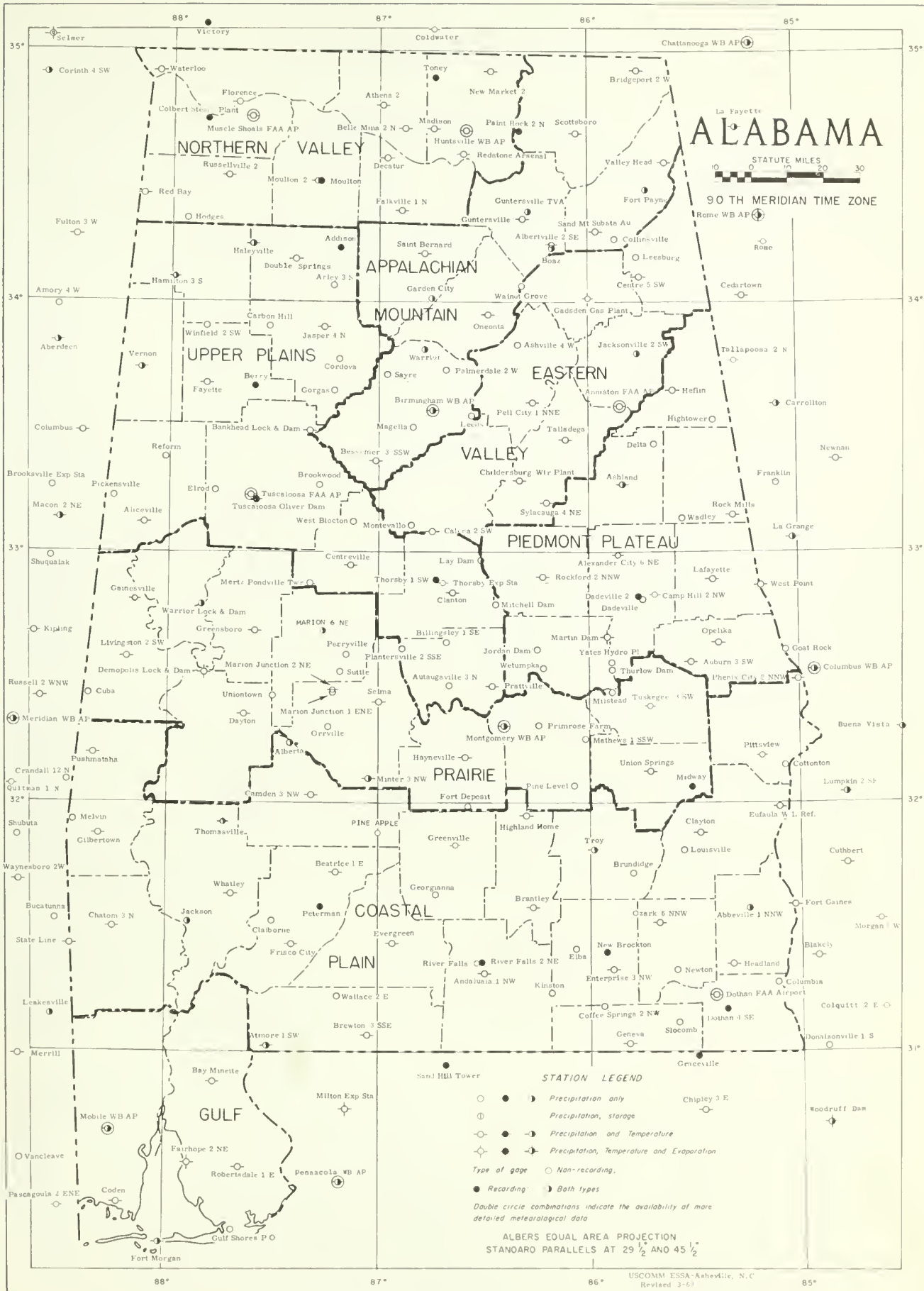
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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ALABAMA

STATUTE MILES
0 20 30

90 TH MERIDIAN TIME ZONE

STATION LEGEND

- ● Precipitation only
- ⊕ Precipitation, storage
- ● → Precipitation and Temperature
- ● → Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording, ● Recording, → Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

DAILY TEMPERATURES

ALABAMA OCTOBER 1969

Table with columns for Station, Day of Month (1-31), and Average. Rows include locations like NORTHERN VALLEY, ATHENS 2, BELLE MINA 2 N, etc.

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
OCTOBER 1969

Station		Day Of Month																															Total of Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PRAIRIE 06																																		
MEMPHIS LOCK AND DAM	EVAP	.14	.02	.11	.19	.19	.22	.08	.11	.04	.13	.15	.10	.16	.22	.10	.12	.15	.11	.09	.03	.06	.13	.17	.16	.17	.14	.10	.18	.17	.22	.17		
	WIND	72	103	20	14	33	75	54	19	55	25	59	35	35	108	109	27	35	53	46	41	27	25	95	102	105	65	24	71	85	143	130		
	MAX	79	72	86	89	90	85	82	81	81	89	87	87	89	89	60	62	80	75	87	77	85	79	79	71	65	74	84	80	70	70	72		
	MIN	60	66	62	61	70	68	67	70	62	62	71	70	72	60	51	51	55	51	49	55	71	59	51	48	50	51	67	51	47	47	49		
* * * GULF 08																																		
FAIRHOPE 2 NE	EVAP	.03	.06	.17	.15	.09	.08	.11	.14	.14	.12	.13	.14	.10	.17	.03	.10	.13	.16	.09	.07	.02	.21	.13	.05	.20	.17	.04	.06	.24	.12	.06		
	WIND	51	39	13	12	7	18	9	16	17	10	17	9	5	30	15	9	10	14	11	16	9	39	35	22	21	13	14	38	25	18	19		
	MAX	69	84	88	88	87	84	83	91	90	89	91	90	91	87	70	77	77	71	76	82	87	85	74	74	74	82	81	77	77	76	74		
	MIN	59	62	64	64	67	68	67	70	69	69	70	70	67	59	51	48	54	55	58	70	71	62	48	54	59	60	61	56	52	51	58		

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- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- G Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
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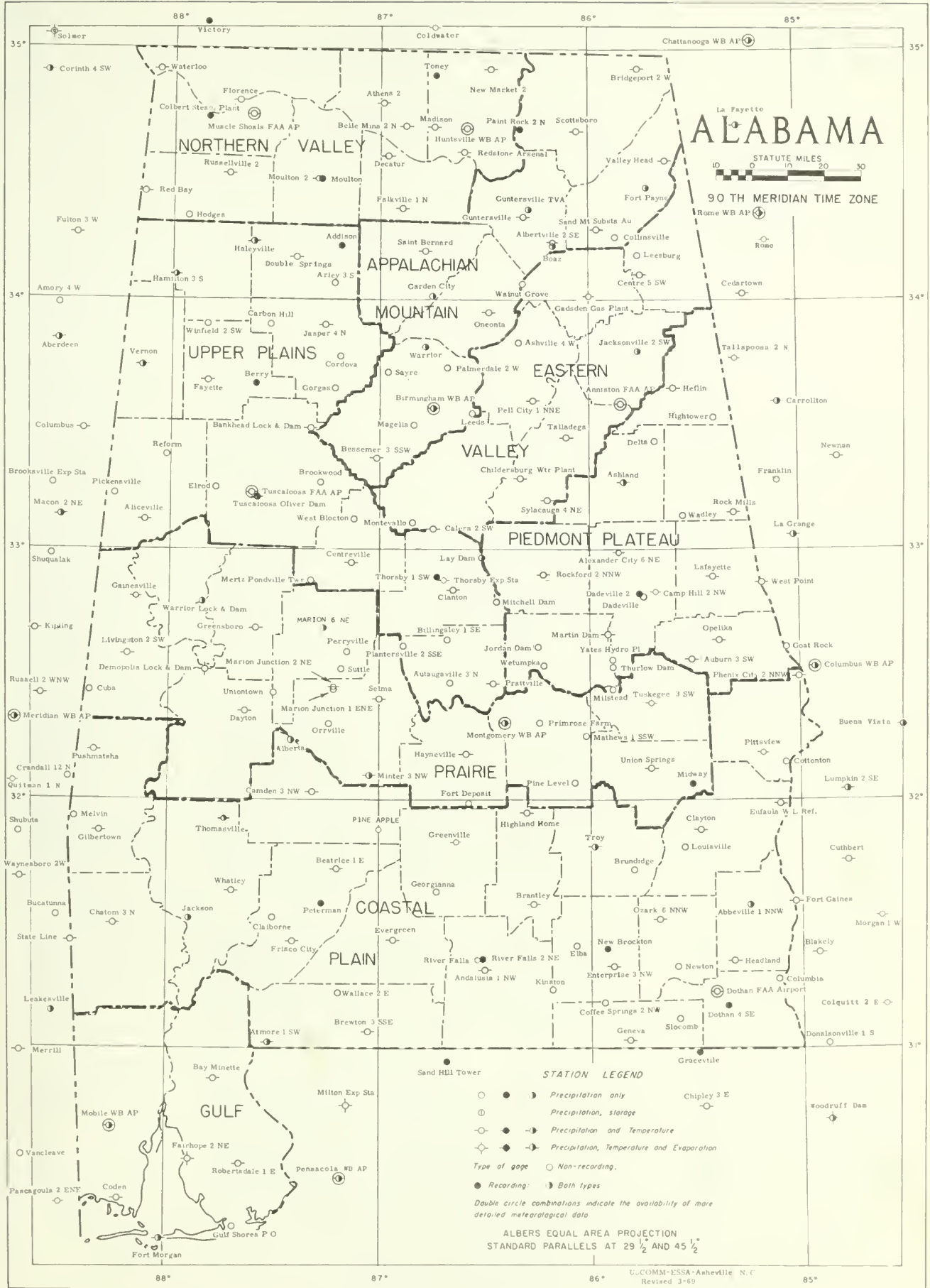
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 - ● ↗ ↘ Precipitation and Temperature
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- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

DAILY TEMPERATURES

ALABAMA NOVEMBER 1969

Table with columns for Station, Day of Month (1-31), and Average. Rows include stations like NORTHERN VALLEY 01, ATHENS 2, BELLE MINA 2 N, OECATUR, FALKVILLE 1 N, FLORENCE, HUNTSVILLE WB AP, MADISON, MOULTON 2, MUSCLE SHOALS FAA AP, NEW MARKET 2, RED BAY, REDSTONE ARSENAL, RUSSELLVILLE 2, WATERLUD, APPALACHIAN MOUNTAINS 02, ALBERTVILLE 2 SE, BESSEMER 3 SSW, BIRMINGHAM WR AP, BRIDGEPORT 2 W, GUNTERSVILLE, ONEONTA, SAINT BERNARD, SANDY MT SUBSTA AU, SCOTTSBORO, VALLEY HEAD, UPPER PLAINS 03, ALICEVILLE, BANKHEAD LOCK AND DAM, CENTREVILLE, CLANTON, DOUBLE SPRINGS, FAYETTE, HALEYVILLE, HAMILTON 3 S, JASPER 4 N.

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

ALABAMA
NOVEMBER 1969

Station	SNOWFALL SN ON GND	Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
* * * NORTHERN VALLEY 01																																				
BELLE MINA 2 N	SNOWFALL SN ON GND																																			
FLORENCE	SNOWFALL SN ON GND																																			
HUNTSVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV																																			
MOULTON 2	SNOWFALL SN ON GND																																			
MUSCLE SHOALS FAA AP	SNOWFALL SN ON GND																																			
NEW MARKET 2	SNOWFALL SN ON GND																																			
REDSTONE ARSENAL	SNOWFALL SN ON GND																																			
WATERLOO	SNOWFALL SN ON GND																																			
* * * APPALACHIAN MOUNTAINS 02																																				
BESSEMER 3 SSW	SNOWFALL SN ON GND																																			
BIRMINGHAM WB AP	SNOWFALL SN ON GND WTR EQUIV																																			
ONEONTA	SNOWFALL SN ON GND																																			
SAINT BERNARD	SNOWFALL SN ON GND																																			
VALLEY HEAD	SNOWFALL SN ON GND																																			
* * * UPPER PLAINS 03																																				
ODOBLE SPRINGS	SNOWFALL SN ON GND																																			
HALEYVILLE	SNOWFALL SN ON GND																																			
HAMILTON 3 S	SNOWFALL SN ON GND																																			
JASPER 4 N	SNOWFALL SN ON GND																																			
TUSCALOOSA FAA AP	SNOWFALL SN ON GND																																			
* * * EASTERN VALLEY 04																																				
ANNISTON FAA AP	SNOWFALL SN ON GND																																			
CENTRE 5 SW	SNOWFALL SN ON GND																																			
PELL CITY 1 NNE	SNOWFALL SN ON GND																																			
TALLAOEGA	SNOWFALL SN ON GND																																			
* * * PIEDMONT PLATEAU 05																																				
ROCK MILLS	SNOWFALL SN ON GND																																			

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
* * * PIEDMONT PLATEAU 05																																				
MARTIN OAM	EVAP WIND	.00 13	.15 31	.08 27	.11 23	.10 22	.10 21	.14 7	.04 10	.17 2	.10 1	.09 8	.05 30	.13 3	.03 39	.14 19	.06 25	.06 15	.08 39	.11 78	.09 73	.10 16	.07 14	.04 3	.05 12	.05 16	.06 31	.08 19	.10 68	.10 61	.11 73			2.59 799		
* * * PRAIRIE 06																																				
DEMOPOLIS LOCK ANO OAM	EVAP WIND MAX MIN	* 54 62 50	.04 70 67 53	.10 59 69 48	.09 33 58 38	.05 40 58 37	.10 18 65 39	.07 23 70 44	.06 10 74 52	.06 22 79 55	.13 16 73 44	.10 15 72 47	.10 56 65 45	.15 8 56 45	.09 109 60 43	* 110 - -	.16 41 54 33	.14 58 64 38	.10 67 64 43	.08 150 70 43	* 116 - -	.23 47 57 37	.08 27 62 37	.06 12 64 37	.07 10 68 37	.07 6 69 37	.01 10 65 53	.02 14 61 49	.03 55 61 47	.04 85 60 37	- 78 60 -		2.318 1419 64.5 43.3			
* * * GULF 08																																				
FAIRHOPE 2 NE	EVAP WIND MAX MIN	.15 52 72 52	.09 19 20 51	.05 20 68 46	.15 31 64 45	.13 19 64 40	.10 21 65 43	.11 18 75 50	.09 18	.09 20	.08 20	.06 12	.12 49	.04 14	.10 67	.04 29	.04 12	.04 17	.04 27	.14 92	.16 54	.09 14	.08 10	.09 10	.04 71	.05 9	.07 7	.05 12	.16 8	.08 41	.10 40	.10 44	2.73 806 67.4 48.0			

See Reference Notes Following Station Index

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on this ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- G Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

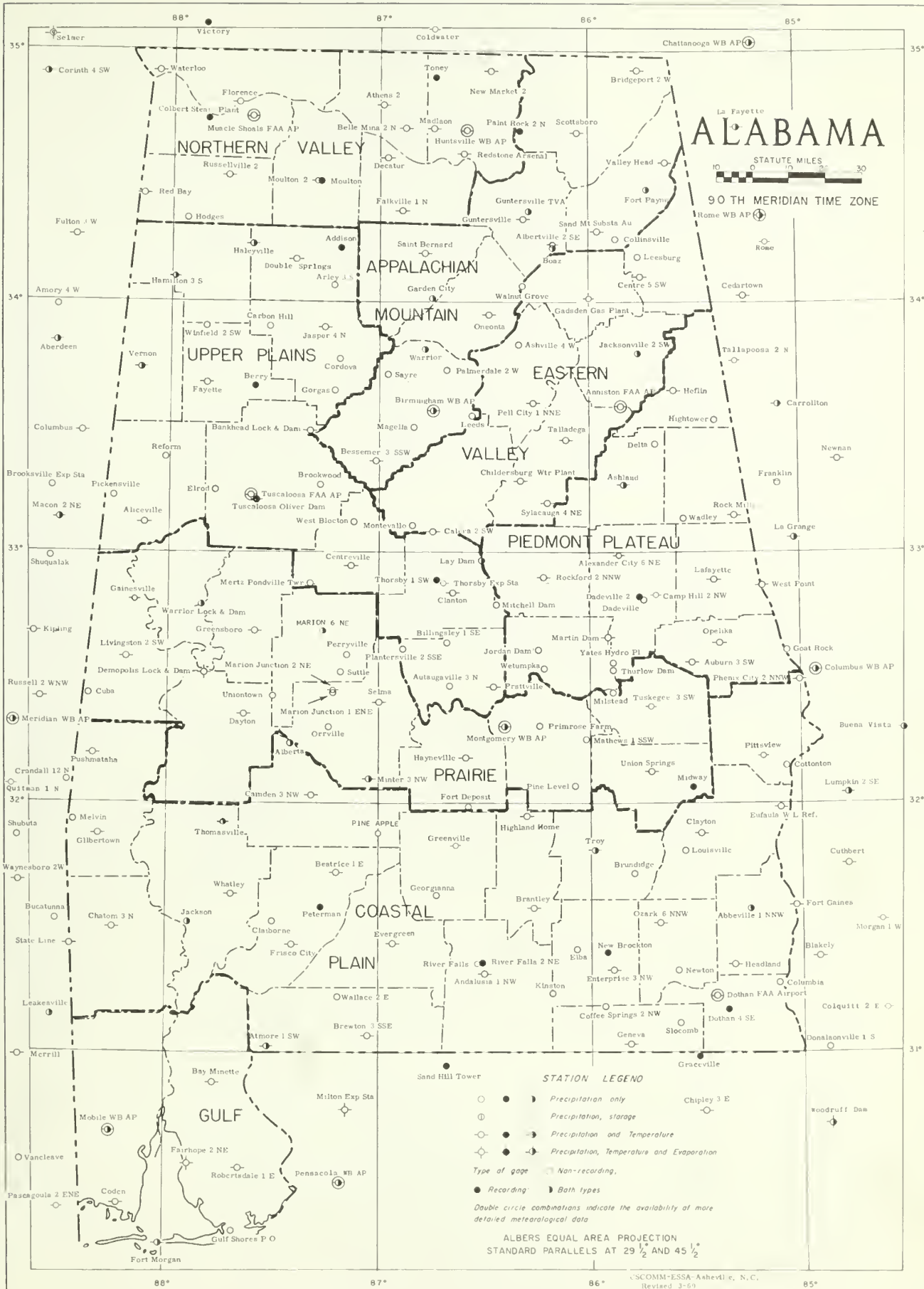
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



DAILY TEMPERATURES

ALABAMA
OCTOBER 1969

Station		Day of Month																															Average			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
NORTHERN VALLEY 01																																				
ATHENS 2	MAX	50	58	54	58	43	42			50	47	48	47	48	46	62	56	50	48	52	58	48														
	MIN	31	24	27	24	23	30			36	26	33	41	33	23	40	30	24	20	23	32	20														
BELLE MINA 2 N	MAX	60	54	58	51	43	42			51	44	48	49	52	46	60	57	52	47	51	59	56	45	41	41	53	49	39	46	45	56	61	65	38		
	MIN	32	25	28	25	23	39			40	38	27	37	41	35	25	45	32	25	23	24	32	21	35	32	29	23	33	29	22	30	47	38	33		
FALKVILLE 1 N	MAX	51	59	53	58	43	45			52	50	43	48	48	50	46	60	58	52	45	50	61	48	46	42	39	57	44	39	45	47	65	67	44		
	MIN	20	24	24	26	22	27			36	38	25	26	42	34	23	25	28	25	20	21	31	21	21	32	30	24	24	30	21	22	40	42	33		
FLORENCE	MAX	61	57	60	48	41	42			51	49	49	50	47	50	63	59	55	47	55	58	53	43	40	40	54	44	39	50	46	53	60	61	39		
	MIN	28	23	26	20	20	30			34	32	34	36	36	28	24	48	30	21	19	25	27	17	32	27	27	18	28	24	19	33	40	30	27		
HUNTSVILLE W8 AP	MAX	59	51	60	45	46	46			54	44	50	50	50	46	62	58	51	47	52	61	49	46	43	38	55	41	42	47	46	57	67	68	38		
	MIN	31	26	33	27	27	41			42	31	30	40	39	30	26	33	32	27	25	27	29	23	35	31	29	25	35	30	26	39	50	37	34		
MOISON	MAX																																			
	MIN																																			
MOULTON 2	MAX	62	53	58	47	44	43			52	50	50	47	47	47	62	58	55	50	53	62	55	46	42	39	55	45	39	46	50	64	64	65	37		
	MIN	35	26	29	27	23	35			40	37	28	39	42	33	25	40	30	26	22	26	34	21	34	30	29	23	32	29	22	34	52	36	32		
MUSCLE SHOALS FAA AP	MAX	61	54	59	43	42	45			52	47	48	50	48	48	63	58	52	46	51	61	50	42	43	38	54	40	39	49	45	57	63	56	36		
	MIN	38	31	35	29	30	38			41	34	33	42	41	32	28	34	34	30	27	30	32	28	36	32	31	26	33	32	28	40	50	35	33		
NEW MARKET 2	MAX	54	50	55	51	42	43			49	43	52	46	48	52	58	54	47	45	48	55	53	45	40	39	52	45	39	42	43	52	60	64	38		
	MIN	25	26	24	25	20	37			37	34	25	39	40	52	39	40	30	23	20	23	31	19	32	31	30	25	32	29	22	28	45	37	32		
REO BAY	MAX	45	65	56	54	55	44			46	49	48	52	47	47	48	62	56	52	52	54	63	51	46	44	42	55	45	42	51	63	64	40	39		
	MIN	23	30	32	27	27	31			39	36	32	34	36	32	32	34	33	27	26	25	34	25	25	31	31	24	30	30	27	28	35	31	29		
REOSTONE ARSENAL	MAX	59	52	57	44	44	44			51	43	49	49	49	46	59	57	51	48	51	58	49	47	41	37	54	42	39	48	48	59	66	66	52		
	MIN	25	28	26	22	20	33			38	27	24	36	33	24	20	32	30	24	20	28	26	20	30	29	29	22	34	21	21	34	41	37	30		
RUSSELLVILLE 2	MAX	52	59	55	59	44	42			52	41	49	49	52	46	68	62	59	54	47	53	62	50	45	43	41	43	46	39	49	48	63	63	39		
	MIN	20	25	25	28	28	29			36	37	29	29	42	29	23	33	33	27	20	20	31	23	23	32	32	34	36	28	22	28	42	38	32		
WATERLOO	MAX	60	56	58	52	39	40			46	49	48	49	46	46	63	57	52	48	54	59	49	40	42	47	53	47	38	48	45	48	61	56	37		
	MIN	28	23	27	20	23	37			37	35	29	39	39	30	24	43	30	26	20	27	30	17	28	32	37	21	33	30	23	40	46	36	32		
APPALACHIAN MOUNTAINS 02																																				
ALBERTVILLE 2 SE	MAX	56	52	56	48	42	40			50	43	47	45	49	41	56	59	49	45	50	56	48	46	38	37	53	42	37	41	46	59	61	65	42		
	MIN	30	29	31	26	24	34			35	35	28	41	41	35	25	37	32	25	25	31	37	23	28	31	29	25	29	31	24	26	46	42	32		
BESSEMER 3 SSW	MAX	63	58	62	47	47	46			54	42	52	50	53	51	62	65	61	50	56	62	59	53	45	39	61	49	43	51	53	59	67	69	40		
	MIN	28	26	29	29	26	36			41	38	29	43	45	26	23	45	26	29	21	26	43	22	38	33	30	24	30	31	22	32	52	40	35		
BIRMINGHAM WR AP	MAX	64	57	62	48	47	52			56	43	52	50	53	50	62	64	58	51	55	61	55	51	46	40	60	49	43	50	54	61	69	70	39		
	MIN	30	27	31	27	27	39			42	32	30	46	42	29	26	32	29	28	26	29	32	25	35	30	34	26	38	29	24	40	56	39	35		
BRIDGEPORT 2 W	MAX	55	55	58	51	41	45			51	47	53	49	50	47	54	50	51	49	54	51	52	45	42	40	52	50	39	42	43	42	52	65	61		
	MIN	31	21	28	26	18	34			35	34	24	35	36	33	19	40	31	20	18	20	31	17	30	31	26	25	31	29	17	27	35	50	33		
GUNTERSVILLE	MAX	57	54	56	53	43	42			51	43	47	47	46	45	53	58	55	48	51	58	55	45	42	40	55	53	40	43	45	55	63	66	46		
	MIN	31	27	30	29	29	39			37	36	27	41	40	35	25	25	32	28	22	25	36	24	34	32	30	27	32	30	26	30	42	45	32		
ONEONTA	MAX	52	62	50	60	45	45			53	53	40	50	48	50	46	58	63	54	47	54	59	53	45	43	40	53	45	38	44	48	61	67	67		
	MIN	28	27	29	27	24	29			34	37	27	30	43	35	21	24	28	25	21	20	26	23	27	32	27	26	26	32	25	28	39	44	33		
SAINT BERNARD	MAX	51	58	52	57	42	44			52	44	41	47	49	48	45	58	59	52	46	49	58	47	45	42	38	55									
	MIN	30	29	29	28	26	27			35	37	26	27	41	34	22	28	29	27	22	22	30	23	25	32	28	24	20	23	27	27	39	43	33		
SAND MT SUBSTA AU	MAX	55	51	54	50	41	40			49	44	47	46	49	44	56	55	50	45	49	54	52	44	42	40	53	50	47	41	46	56	62	66	56		
	MIN	30	24	29	25	23	32			35	34	24	40	37	33	23	43	27	22	19	25	34	22	20	31	29	24	31	28	21	30	43	48	32		
SCOTTSBORO	MAX	50	59	53	57	47	45			50	51	42	51	50	49	41	48	57	50	48	51	55	51	45	40	38	54	44	38	45	46	48	66	59		
	MIN	26	23	27	28	20	29			36	37	24	29	40	36	22	26	33	22	19	21	28	22	24	33	29	25	27	30	20	22	35	45	34		
VALLEY HEAD	MAX	49	55	55	54	43	42			44	52	38	41	48	49	39	55	56	48	46	48	55	49	45	37	35	50	42	36	45	46	55	65	68		
	MIN	17	16	18	16	14	24			34	35	23	28	40	30	17	18	27	15	15	16	24	13	14	30	27	18	18	29	16	18	30	48	32		
UPPER PLAINS 03																																				
ALICEVILLE	MAX	55	65	58	62	50	46			48	57	48	45	46	52	53	62	65	61	54	57	63	55	51	51	43	46	63	44	53	55	55	72	65		
	MIN	29	31	28	31	32	34			30	32	38	33	32																						

DAILY TEMPERATURES

ALABAMA
DECEMBER 1969

Continued

Station	Day of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
PRATTVILLE	MAX MIN	66 31	60 28	63 27	52 27	51 26	46 38	52 44	48 41	52 31	53 43	59 48	53 29	61 24	68 35	63 27	58 31	60 25	64 28	61 39	54 26	50 40	50 36	60 28	54 28	54 37	52 30	58 25	67 31	72 45	74 46	46 39	57.5 33.3	
THORNSBY EXP STATION	MAX MIN	63 38	59 32	61 35	50 31	46 29	42 35	50 40	41 38	48 33	46 42	53 44	48 32	51 28	62 45	58 33	51 31	55 28	58 30	58 46	50 31	43 38	55 30	55 31	53 27	48 28	47 33	50 29	58 32	60 46	65 40	40 35	52.4 34.3	
TUSCALOOSA FAA AP	MAX MIN	65 29	58 31	62 29	50 31	46 31	53 40	57 43	45 38	54 33	52 45	52 34	49 29	62 25	65 33	61 30	54 26	57 30	63 26	57 35	51 29	51 38	63 33	63 27	48 40	53 44	55 40	66 52	72 67	70 41	48 38	55.5 34.0		
TUSCALOOSA OLIVER DAM	MAX MIN	52 23	63 24	57 28	61 28	50 30	46 34	57 38	53 38	45 32	49 35	50 45	52 26	63 26	63 27	64 29	63 29	52 24	59 25	63 29	56 29	52 29	49 34	43 35	63 26	61 26	50 44	42 38	51 25	55 29	66 52	70 41	61 36	55.1 31.3
VERNON	MAX MIN	62 25	60 25	60 23	50 24	45 25	48 37	55 41	47 38	50 28	50 43	49 38	50 25	61 22	62 44	60 25	51 22	54 20	61 27	57 44	53 21	47 36	42 33	57 30	52 21	45 34	49 27	54 21	66 41	66 56	67 38	68 33	54.7 31.2	
EASTERN VALLEY 04																																		
ANNISTON FAA AP	MAX MIN	62 33	57 31	59 32	47 27	47 25	47 36	57 42	42 33	50 30	49 42	52 44	46 27	58 23	63 33	54 30	48 25	54 23	60 25	54 31	50 26	42 35	38 29	52 28	50 27	40 32	46 30	50 25	64 30	68 54	72 41	41 37	52.2 31.8	
CALERA 2 SW	MAX MIN	64 25	60 30	62 31	52 21	47 26	49 30	54 26	45 38	48 35	60 40	57 36	56 26	62 23	65 43	64 24	52 28	58 27	63 40	61 40	54 19	50 40	42 33	60 34	61 27	46 36	50 31	57 23	62 25	68 50	70 42	68 33	57.0 31.4	
CENTRE 5 SW	MAX MIN	59 34	60 25	56 34	58 25	47 22	46 30	49 34	53 37	41 27	51 31	47 42	52 35	44 22	56 28	60 33	53 25	48 21	55 23	56 30	53 22	46 31	39 33	38 27	52 25	43 28	38 32	45 25	49 28	54 34	67 43	70 35	51.1 29.7	
CHILLOERSBURG WTR PLANT	MAX MIN																																	
GADSDEN GAS PLANT	MAX MIN	60 36	56 26	59 32	54 29	42 26	37 32	50 32	43 39	50 27	48 40	50 42	45 34	56 21	60 40	55 32	49 28	53 21	54 22	53 36	45 24	40 35	40 35	48 34	56 28	54 33	45 33	50 25	53 31	65 42	69 50	60 34	51.6 32.4	
PELL CITY 1 NNE	MAX MIN	52 26	60 28	57 27	60 28	50 24	47 26	55 35	53 38	40 29	49 29	48 43	52 29	47 21	59 21	61 28	55 27	48 20	55 20	59 24	62 21	46 21	41 33	37 26	57 25	46 25	40 25	47 22	51 22	58 35	65 52	68 35	52.4 28.2	
SYLACAUGA 4 NE	MAX MIN	63 25	57 24	60 27	54 24	53 21	47 37	57 34	47 39	52 31	49 44	55 42	50 27	60 21	64 35	63 24	52 24	57 21	72 23	56 32	52 21	45 32	45 33	57 26	53 24	44 26	52 34	54 23	66 28	69 54	73 43	45 36	55.6 30.2	
TALLADEGA	MAX MIN	63 33	58 28	61 31	52 29	49 25	46 35	54 43	45 38	52 30	48 43	54 46	50 31	60 23	64 40	58 29	50 22	56 22	62 25	57 43	48 24	43 35	44 33	55 26	51 25	43 28	49 33	51 24	61 21	67 52	72 44		54.1 32.6	
PLEMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	55 33	63 30	60 30	61 28	50 26	51 31	54 36	55 39	42 30	49 33	49 44	59 30	51 23	60 27	65 28	61 29	55 22	59 25	60 30	60 24	55 30	45 34	37 28	53 26	51 29	42 34	50 25	56 29	66 34	68 50	72 37	55.3 30.8	
ASHLAND	MAX MIN	53 26	62 31	57 28	59 26	47 22	48 32	55 32	54 28	56 30	48 40	47 49	55 30	47 22	58 24	63 29	60 25	54 21	55 23	59 24	55 23	52 23	42 29	35 23	50 25	41 21	46 27	50 25	54 27	65 32	66 41	69 33	53.6 27.5	
AUBURN 3 SW	MAX MIN	56 28	64 29	60 27	62 28	53 26	50 32	57 37	55 38	54 39	43 31	49 36	50 29	53 23	60 25	66 28	61 30	58 24	61 28	60 37	58 26	62 33	46 35	40 26	53 27	47 30	53 36	52 24	60 29	69 41	71 50	72 39	57.1 31.3	
CAMP HILL 2 NW	MAX MIN	53 27	62 30	58 27	60 25	49 29	50 30	57 40	55 39	42 28	49 31	49 43	58 29	49 21	58 22	64 32	59 25	53 28	58 23	69 25	60 22	52 25	46 34	38 25	52 25	50 35	45 27	49 35	60 25	57 45	68 37	72 39	54.9 29.1	
HEFLIN	MAX MIN	50 21	58 23	56 28	58 21	57 19	43 21	57 34	56 36	46 27	43 29	49 38	56 30	44 16	58 20	62 26	56 20	54 17	54 17	61 36	54 15	53 18	42 29	36 25	51 22	48 23	49 21	43 20	48 22	66 34	68 46	69 32	53.1 25.0	
LAFAYETTE	MAX MIN	64 34	61 31	62 33	54 28	49 24	47 34	56 40	42 40	48 32	50 33	59 45	55 31	60 35	66 42	60 32	54 27	58 23	60 24	62 44	54 27	58 35	43 33	51 27	51 25	48 34	50 34	55 29	62 35	64 45	70 62	72 38	56.3 34.1	
MARTIN OAM	MAX MIN	62 35	64 30	62 35	58 30	49 30	37 37	44 44	52 50	52 40	60 46	51 33	61 33	60 26	65 32	61 32	53 26	56 29	59 40	59 36	59 35	52 36	48 36	53 33	60 30	54 32	37 28	62 30	75 44	50 37			35.3	
OPELIKA	MAX MIN	55 33	63 31	64 31	62 29	58 29	49 30	55 39	56 41	60 35	50 35	51 45	60 30	52 22	59 32	65 32	62 30	55 25	58 28	60 28	62 31	55 31	44 36	46 27	53 30	46 31	50 37	51 31	56 27	69 32	70 48	74 39	57.1 31.7	
ROCKFORD 2 NNW	MAX MIN	54 35	63 27	60 30	62 25	49 24	50 27	55 35	52 37	40 30	49 32	48 43	55 31	50 27	60 28	65 30	60 26	55 25	58 28	60 31	58 26	65 29	45 32	38 28	56 26	52 26	42 26	50 27	57 33	64 40	71 50	72 35	54.7 30.8	
ROCK MILLS	MAX MIN	53 23	63 30	61 28	60 26	50 26	52 26	56 35	56 40	52 30	50 48	48 58	58 28	49 20	63 20	60 26	55 20	58 28	62 21	60 23	55 25	45 34	37 25	48 22	52 25	42 30	20		68 37	68 49	71 39	70 48	55.4 27.6	
PRAIRIE 06																																		
OAYTON	MAX MIN	54 32	66 33	57 33	62 31	50 25	46 28	59 38	55 40	44 34	57 38	58 45	57 30	53 25	64 27	66 28	65 30	55 25	60 29	64 34	57 28	55 34	50 34	45 32	52 29	53 25			64 26	71 36	73 44	50 35	57.3 32.0	
DEMOPOLIS LOCK AND DAM	MAX MIN	54 25	60 31	57 28	62 31	49 31	44 30	59 39	50 40	44 35	52 36	49 40	46 27	53 25	64 26	65 32	65 26	52 25	57 28	67 32	60 32	49 32	52 36	48 30	65 31	50 30	48 38	52 24	54 29	67 54	72 41	72 37	56.4 32.0	
GAINESVILLE	MAX MIN	53 28	65 32	57 32	62 31	50 30	44 32	48 38	46 41	44 33	54 35	49 42	53 30	52 26	65 27	65 29	61 30	51 26	56 27	65 30	56 26	49 30	45 36	64 33	51 28	45 29	50 29	43 35	50 26	66 41	74 42	47 34	54.8 31.6	
GREENSBORO	MAX MIN	64 29	56 28	60 30	51 30	46 30	48 37	55 42	44 40	55 33	49 36	56 36	58 30	61 26	65 29	62 32	53 26	56 30	64 48	58 27	52 31	48 31	50 32	62 31	60 34	52 38	52 32	66 39	65 35	69 52	68 43	50 30	56.6 33.6	
HAYNEVILLE	MAX MIN	53 27	59 35	56 30	50 25	50 29	55 37	52 41	44 32	44 35	50 34	50 44	59 29	52 25	60 32	61 32	63 23	57 24	64 28	60 26	50 31	52 35	40 31	55 28	52 36	52 34	50 27	55 25	71 35	74 51	76 43	76 39	56.2 31.4	
LIVINGSTON 2 SW	MAX MIN	58 36	69 32	63 28	66 31	52 27	44 34	58 38	46 40	44 34	54 38	50 40	35 27	56 24	67 32	69 27	68 30	54 24	58 27	69 36	58 36	54 25	49 36	45 32	65 32	49 31	56 28	54 31	64 35	72 42	45 33		57.2 32.1	
MARION JUNCTION 2 NE	MAX MIN	65 32	58 33	61 30	52 26	46 27	42 32	57 42	43 40	52 33	50 43	57 44	53 29	62 24	63 43	64 28	56 31	59 24	66 27	61 48	54 26	50 39	45 35	61 38	55 28	50 36	52 36	57 25	67 35	72 51	72 42	43 38	56.4 34.3	
MINTER 3 NW	MAX MIN	54 26	65 32	57 32	62 28	50 28	49 37	56 40	51 37	43 30	51 34	50 44	59 33	52 27	67 31	67 32	65 33	54																

DAILY TEMPERATURES

ALABAMA
DECEMBER 1969

Continued

Station	Day of Month																															Average			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
TUSKEGEE 3 SW	MAX MIN																																		
UNION SPRINGS	MAX MIN	55 38	63 35	58 29	62 32	53 31	54 35	58 38	57 40	44 34	52 37	50 41	60 34	53 27	59 27	66 33	64 32	55 27	59 29	64 33	60 31	54 32	51 35	50 38	57 28	55 29	53 31	51 28	56 29	72 41	72 48	76 40	57.8 33.6		
COASTAL PLAIN 07																																			
ANDALUSIA 1 NW	MAX MIN	56 27	65 29	58 25	66 23	53 24	54 26	60 41	54 42	50 39	54 40	50 45	60 27	55 24	59 26	66 27	62 30	58 25	59 27	63 30	63 29	53 30	62 37	41 29	66 29	54 31	57 39	51 22	58 24	69 47	74 49	75 40	58.9 31.7		
ATHORE 1 SW	MAX MIN	69 30	69 31	69 30	69 26	56 30	53 40	60 48	51 42	51 36	51 45	63 29	62 27	63 37	68 34	68 34	66 41	61 28	66 29	69 38	65 38	65 45	62 40	66 30	58 30	61 41	61 38	59 41	65 45	73 54	74 54	65 41	63.2 37.2		
BEATRICE 1 E	MAX MIN	60 21	69 26	61 25	67 21	53 22	52 21	59 25	50 39	52 32	53 30	56 31	61 25	53 26	69 27	59 34	70 24	65 31	60 23	65 26	68 31	55 26	57 29	52 25	65 33	59 26	58 29	56 25	65 34	72 41	74 60	69 36	60.8 29.2		
BRANTLEY	MAX MIN	58 24	69 27	68 26	67 25	54 23	58 23	57 30	57 41	50 36	57 44	51 44	64 33	54 30	64 30	59 23	67 28	60 22	62 25	67 36	64 25	59 33	60 36	42 30	63 29	59 42	58 30	57 27	50 31	73 42	76 56	75 39	60.6 30.2		
BREWTON 3 SSE	MAX MIN	68 24	63 27	68 25	58 21	53 21	54 39	65 48	53 42	53 31	52 44	63 48	59 29	64 22	68 30	69 28	61 30	62 23	66 24	68 34	62 30	65 44	58 40	70 26	59 27	60 33	60 40	62 22	68 38	74 48	75 55	70 40	62.5 33.2		
CAMDEN 3 NW	MAX MIN	68 30	59 29	64 28	55 30	45 22	48 34	58 40	47 35	53 28	50 38	60 32	55 27	63 21	68 38	65 25	56 28	58 22	64 25	62 41	56 23	55 30	49 32	61 25	56 25	52 31	52 31	57 21	71 33	72 47	73 40	45 33	58.1 30.5		
CHATON 3 N	MAX MIN	70 38	62 36	70 37	60 33	51 29	50 37	63 44	45 40	52 33	52 44	60 44	59 33	67 30	69 30	69 46	65 35	61 31	68 30	65 47	59 35	66 43	58 49	63 30	59 42	55 35	60 42	55 35	60 50	76 55	73 40	42 37	61.3 37.8		
CLAYTON	MAX MIN	55 35	65 35	60 34	63 33	52 28	52 36	50 35	60 34	60 36	55 35	52 46	63 32	54 29	53 32	65 33	60 34	56 31	59 36	62 37	61 30	59 36	55 35	42 28	59 32	55 34	54 36	51 30	58 39	70 48	71 61	74 39	58.0 35.5		
DOTHAN FAA AIRPORT	MAX MIN	68 38	60 39	67 36	55 35	54 30	57 41	61 46	53 39	48 39	52 46	60 42	57 34	61 32	68 40	63 37	59 38	62 31	63 35	63 43	57 34	57 41	43 32	67 30	57 36	59 43	53 36	57 34	70 36	71 52	76 41	52 38	59.7 38.2		
ENTERPRISE 3 NW	MAX MIN	55 32	66 35	59 35	66 32	52 28	54 29	59 39	55 42	52 35	52 39	49 45	60 32	55 30	64 32	69 34	65 32	67 31	61 31	65 37	62 31	56 32	57 37	40 28	67 32	56 33	56 38	51 21	60 30	69 42	71 52	74 40	59.5 34.8		
EUFULA WILDLIFE REF	MAX MIN	56 28	65 29	61 32	64 30	58 24	54 30	59 41	63 43	48 32	50 36	52 46	63 24	55 24	60 28	68 24	61 28	56 23	61 24	62 26	55 29	49 37	48 27	59 28	55 33	53 29	52 38	52 26	69 37	74 52	74 42	51.5 38.5			
EVERGREEN	MAX MIN	63 29	69 33	68 32	70 30	56 30	58 41	59 37	52 42	52 35	51 38	51 45	63 30	69 30	68 30	69 28	68 31	62 29	64 30	68 33	67 33	35	60 35	60 34	59 33	59 34	59 33	71 55	72 60	73 40	62.7 35.4				
FRISCO CITY	MAX MIN	57 34	68 32	62 32	67 33	54 30	54 33	63 40	50 40	47 34	50 39	60 44	61 31	65 28	60 34	68 31	67 35	58 29	59 32	67 38	64 32	60 34	65 37	57 31	57 33	56 38	60 27	57 35	71 53	75 65	74 38	60.4 35.8			
GENEVA	MAX MIN	26 26	26 26	26 25	51 25	50 24	61 24	61 24	52 24	62 40	61 36	63 36	64 25	63 26	64 23	64 24	63 28	69 30	62 25	66 34	63 29	62 38	52 38	52 30	60 33	63 36	61 24	62 30	72 44	72 48	75 40	62.1 30.8			
GILBERTOWN	MAX MIN	70 28	63 29	68 26	61 25	48 28	51 36	59 44	45 39	53 32	52 44	60 34	58 24	67 23	71 39	70 27	60 32	61 29	67 26	61 38	57 29	64 43	53 39	57 28	56 36	58 32	61 21	68 47	74 54	73 40	42 39	60.1 33.6			
GREENVILLE	MAX MIN	58 28	66 30	59 30	64 32	52 27	53 29	65 39	51 41	44 34	50 37	50 45	61 32	55 27	61 29	67 29	64 29	57 29	59 30	62 31	60 29	54 29	53 36	48 29	56 30	56 37	54 29	57 29	71 52	75 33	74 38	58.2 32.4			
HEADLAND	MAX MIN	56 34	61 34	59 34	65 33	53 26	53 26	60 37	61 42	52 35	47 31	52 32	58 32	62 27	62 28	62 37	65 32	57 29	60 32	63 37	62 29	55 30	43 38	66 28	56 35	56 38	64 28	57 30	71 44	71 42	76 41	58.7 33.6			
HIGHLAND HOME	MAX MIN	55 29	67 34	59 35	63 33	52 27	54 29	52 38	57 41	43 28	52 31	50 45	60 32	53 33	61 34	66 35	64 32	56 31	59 33	64 40	60 33	55 35	52 35	47 32	56 32	55 30	54 37	51 30	57 35	71 52	71 42	73 37	57.7 34.6		
OZARK 6 NNW	MAX MIN	67 38	61 38	66 38	56 35	54 28	48 37	59 46	52 41	51 34	49 43	60 36	56 34	61 32	67 37	64 37	65 34	63 39	65 46	62 31	58 39	58 39	62 46	63 35	57 32	57 39	54 32	59 29	70 45	70 60	75 53	60.5 38.6			
PHENIX CITY 2 NNW	MAX MIN	59 32	63 33	63 32	63 33	29 29	30 30	36 36	47 44	44 33	47 35	55 34	60 34	52 27	63 34	63 32	30 30	31 30	30 30	33 33	32 30	30 30	51 34	43 30	29 29	33 33	34 27	29 29	38 38	46 46	40 40	32.9			
PITTSVIEW	MAX MIN	68 23	64 26	60 25	63 25	53 20	54 20	58 39	59 42	45 28	51 31	50 45	62 28	54 31	60 45	66 34	62 24	55 20	60 20	62 21	60 23	55 22	49 37	41 25	55 25	54 35	53 32	53 21	58 31	69 42	70 42	75 42	58.0 28.2		
THOMASVILLE	MAX MIN	55 34	67 34	59 34	65 31	51 28	51 29	59 38	48 38	49 34	50 36	49 43	58 30	55 28	62 30	68 31	65 33	57 29	58 30	65 31	59 29	51 31	55 36	49 32	61 30	61 34	57 27	59 29	68 49	71 50	71 61	57.8 33.7			
TROY	MAX MIN	68 34	59 32	64 33	52 32	52 28	38 38	58 46	54 39	45 33	49 42	61 45	64 29	61 41	67 45	64 30	57 46	60 30	64 46	61 46	56 29	52 40	50 35	58 43	56 36	53 44	52 39	70 50	74 48	53 50	58.2 36.1				
WHATLEY	MAX MIN	70 20	64 25	70 21	62 18	48 26	56 36	62 40	48 36	50 39	52 40	58 19	66 18	70 36	71 24	61 34	62 22	67 21	68 35	62 27	59 40	60 38	63 25	62 24	58 30	60 32	62 18	69 27	70 36	75 45	72 40	48 35	62.1 29.9		
GULF 08																																			
BAY MINETTE	MAX MIN	70 35	64 38	70 36	58 36	50 32	59 40	61 45	52 41	50 37	51 45	64 32	60 31	65 44	70 41	68 41	61 41	62 41	67 45	67 44	67 41	66 45	53 39	68 34	62 36	67 45	56 37	61 41	66 51	75 51	73 41	51 40	62.0 40.0		
CODEN	MAX MIN	66 35	65 35	65 35	63 30	57 37	65 45	66 49	58 42	56 36	57 43	68 48	65 30	64 29	67 41	67 45	68 45	67 35	68 32	74 40	73 47	68 47	68 44	70 35	60 35	65 47	63 36	63 29	70 52	72 59	50 42	65.2 40.4			
FAIRHOPE 2 NE	MAX MIN	68 43	64 41	68 43	62 35	53 34	64 43	66 48	54 41	51 40	53 47	63 50	63 33	64 33	70 46	67 44	64 42	63 34	64 36	69 41	62 44	67 46	57 43	70 36	59 36	66 44	55 39	60 31	67 50	75 58	73 46	48 41	62.9 41.6		
FORT MORGAN	MAX MIN																																		
MOBILE WB AIRPORT	MAX MIN	71 39	65 45	71 38	62 37	51 33	71 44	64 49	55 44	54 44	56 49	66 45	62 38	67 38	74 52	72 51	64 46	65 40	70 41	68 46	67 46	64 35	59 49	69 48	52 41	69 39	59 38	67 44	74 54	73 63	44 38	63.8 43.6			
ROBERTSDALE 1 E	MAX MIN	61 31	70 40	64 35	69 35	59 30	57 35	68 44	53 42	58 38	52 40	53 44	63 31	64 29	70 35	67 40	64 41	64 31	64 32	68 35	62 40	71 43	67 35	64 40	64 43	68 35	71 40	62 43	68 						

EVAPORATION AND WIND

ALABAMA
DECEMBER 1969

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05																																	
MARTIN OAM	EVAP	-	.11	.10	.12	.10	.09	-	.12	.00	-	.05	.09	.04	.11	.07	.10	.08	.04	.04	.06	.00	.04	.05	.13	.00	.13	.07	.03	.14	-	-	2.288
	WIND	17	54	23	95	72	19	39	4	17	53	22	28	13	26	16	66	27	6	16	10	88	47	18	36	28	91	24	11	30	89	25	1110
* * * PRAIRIE 06																																	
DEMOPOLIS LOCK AND OAM	EVAP	-	.20	.10	.08	.13	.08	*	.05	.04	.02	.09	.03	.09	.08	.10	.11	.06	.06	.04	.07	.08	.11	.03	.06	.11	.04	*	*	.28	.04	.10	2.368
	WIND	50	45	43	85	77	85	163	71	20	92	59	59	51	54	67	34	33	11	21	45	43	143	60	89	48	133	53	100	*	110	93	2037
	MAX	56	62	59	62	55	43	53	52	46	54	50	57	55	57	64	61	56	57	60	61	51	51	52	59	53	49	-	55	58	68	68	56.1
	MIN	31	36	38	38	37	36	40	44	41	41	47	34	36	36	41	39	33	36	38	39	37	40	39	39	38	41	-	30	40	55	41	38.7
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.07	.10	.07	.15	*	.04	-	.09	.00	-	.08	.10	.14	.03	.09	.05	.04	.07	.04	.10	-	.09	.04	.05	-	.09	.06	.06	.07	.02	.08	2.098
	WIND	45	40	25	33	17	31	81	37	15	48	53	32	15	38	12	18	14	11	22	20	49	86	23	10	47	62	11	32	47	49	49	1074
	MAX	61	61	63	60	50	55	51	57	55	53	61	58	60	65	65	65	61	59	64	63	54	59	61	60	64	56	58	63	71	71	59	60.1
	MIN	38	42	41	38	36	39	50	43	41	51	49	38	38	46	48	50	39	38	44	46	48	43	38	42	46	40	37	51	58	58	44	43.9

CLIMATOLOGICAL DATA

ALABAMA
DELAYED DATA
DECEMBER 1969

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										90° or more Below	32° or Below	32° or Above	60° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * MAY 1969 RUSSELLVILLE 2	82.3	48.7	65.5		94	23	35	12+	70	5	0	0	0	3.09		1.30	9	.0	0		5	3	1	
* * * JUNE 1969 HEFLIN	89.7	61.1	75.4		103	29	47	4	1	16	0	0	0	3.49		1.30	20	.0	0		5	3	1	
* * * AUGUST 1969 MARTIN OAM	89.0M	68.0	78.5M		96	31	60	26	0	0	0	0	0	5.83	1.93	3.96	3	.0	0		6	3	1	
* * * OCTOBER 1969 GUNTSVILLE MADISON MARTIN OAM	75.5 73.9 81.1	51.5M 51.9 56.4	63.5M 62.9 68.8	- .1	88 86 90	11 13+ 27	39 35 44	19+ 18 30+	109 129 18	0 0 1	0 0 0	0 0 0	0 0 0	2.66 2.58 1.54	- .29 - .40	1.61 1.03 .87	21 20 1	.0 .0 .0	0 0 0		3 4 2	2 3 2	1 1 0	
* * * NOVEMBER 1969 MADISON	61.6	34.6	48.1	- 2.5	76	7	15	15	500	0	0	13	0	2.61	- 1.45	1.18	19	.1	0		4	2	2	

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * MAY 1969 FORT DEPOSIT RUSSELLVILLE 2	3.09								.97	1.30		.54				1.73	.18	.49	2.00	.40				.13	.58							
* * * JUNE 1969 HEFLIN	3.49								.93						.1				.25	1.30										.90		
* * * AUGUST 1969 MARTIN OAM	5.83	.17	3.96	.04						.05					.70	.16		.56		.02	.06											.11
* * * OCTOBER 1969 GUNTSVILLE JORDAN OAM MADISON MARTIN OAM	2.66 2.06 2.58 1.54	.8 .95 .70 .87	.35 .05					.02	.55	.06					.07				.24	1.61												
* * * NOVEMBER 1969 MADISON	2.61								.14			.10	1.00			.09	T			1.18					T	.02	.08		T			

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
DECEMBER 1969
DELAYED DATA

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * MAY 1969 RUSSELLVILLE 2	MAX MIN	73 35	82 37	82 42	79 43	83 46	86 46	86 49	86 55	72 45	72 35	77 35	71 35	74 43	85 47	82 45	80 46	78 58	76 58	83 57	84 54	84 53	88 53	94 54	90 61	81 54	81 52	84 52	80 56	90 54	88 55	90 55	82.3 48.7
* * * JUNE 1969 HEFLIN	MAX MIN	81 59	78 57	79 54	81 47	79 55	83 52	89 56	94 57	96 61	84 62	90 61	90 65	91 65	95 65	92 67	89 61	84 51	89 52	89 60	90 62	88 60	89 64	94 66	93 68	94 66	93 68	95 68	98 68	103 70	101 65	89.7 61.1	
* * * AUGUST 1969 MARTIN DAM	MAX MIN	92 69	89 68	84 67	84 70	85 64	90 64	92 67	92 68	92 69	92 74	88 69	87 68	84 68	84 64	82 69	87 72	95 71	86 74	91 75	92 75	89 73	87 71	90 64	88 65	92 65	92 60	92 64	64 64	66 64	64 64	96 68	89.0 68.0
* * * OCTOBER 1969 GUNTERSVILLE	MAX MIN	77 57	73 58	83 55	84 62	85 58	78 60	78 62	79 51	84 51	86 61	88 61	87 60	86 48	69 51	74 51	74 50	74 45	72 39	74 39	79 64	77 55	75 42	68 44	65 44	64 48	75 52	72 53	65 40	63 42	65 45	69 46	75.5 51.5
* * * MADISON	MAX MIN	70 61	75 62	82 58	85 62	80 60	76 61	70 65	78 53	79 46	83 64	86 65	86 63	86 55	78 51	62 49	72 46	69 40	72 35	77 50	76 66	75 48	70 43	68 40	65 42	64 53	74 55	68 44	62 38	64 37	66 48	70 50	73.9 51.9
* * * MARTIN DAM	MAX MIN	86 58	77 61	82 56	84 64	84 64	80 59	77 60	82 60	82 59	84 62	85 59	87 61	87 58	78 57	76 53	77 49	69 55	82 49	84 60	86 65	85 67	80 56	80 50	86 44	84 51	88 56	90 56	74 52	72 48	76 44	73 54	81.1 56.4
* * * NOVEMBER 1969 MADISON	MAX MIN	74 42	69 40	55 33	58 30	57 27	70 30	76 44	67 44	70 36	66 43	64 52	64 52	60 40	55 21	44 15	60 27	68 38	72 55	63 22	49 20	66 25	65 33	67 40	68 45	60 40	59 34	57 32	52 21	43 21	50 22	61.6 34.6	

EVAPORATION AND WIND

Station	Day of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * AUGUST 1969 MARTIN DAM	EVAP WIND	.18 10	.29 7	- 22	.20 8	.16 12	.20 3	.22 5	.20 4	.20 6	.12 14	.20 18	.23 21	.16 30	- 12	- 4	- 7	.18 5	.12 39	.14 26	.06 *	.36 4	.14 0	.12 26	.17 8	.24 4	.15 1	.19 2	.19 1	.19 6	.20 15	.09 25	5.638 345
* * * OCTOBER 1969 MARTIN DAM	EVAP WIND	.06 67	.03 26	.12 27	.18 27	.22 20	.15 23	.09 4	.09 42	.13 41	.13 8	.13 7	.17 7	.15 5	.14 45	.08 40	.10 11	.18 63	.15 54	.00 10	.14 10	.09 11	.18 60	.22 21	.15 98	.08 66	.12 31	- 23	- 103	.20 59	.13 38	.11 32	3.988 1079

SNOWFALL AND SNOW ON GROUND

Station	Day of month																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * * NOVEMBER 1969 MADISON	SNOWFALL SN ON GND																																	.1

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
SEPTEMBER 1969	CLIMATOLOGICAL DATA	NORTHERN VALLEY 01	RED BAY	TOTAL PRECIPITATION 2.32, GREATEST DAY .77 ON 4TH, NUMBER OF DAYS WITH PRECIPITATION .10 OR MORE 4, .50 3, 1.00 0
SEPTEMBER 1969	CLIMATOLOGICAL DATA	NORTHERN VALLEY 01	DIVISION	AVERAGE PRECIPITATION 3.67, DEPARTURE FROM NORMAL .34
SEPTEMBER 1969	DAILY PRECIPITATION	NORTHERN VALLEY 01	RED BAY	TOTAL 2.32; AMOUNT ON 6TH .00

STATION INDEX

ALABAMA
DECEMBER 1969

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	WIND.	SPECIAL										TEMP.	PRECIP.	WIND.	SPECIAL	
ABBEVILLE 1 NW	0005	07 HENRY			31 35	85 15	465					JOHN S. RICHMOND	LIVINGSTON 2 SW	4798	06 SUITER		13 32 35	88 12	160	7A		H	B. B. WILLIAMSON, JR.		
ADAMS	0008	09 WINSTON			31 35	85 15	795					PREP. PALMER GOSPEY	LOUISVILLE	4884	07 BARBUD		4 31 48	85 55	470	7A		H	JOHN B. ARO		
ALBERTA	0140	07 WILCOX			1 32 14	87 25	175	7A				SIOENEY J. HAROY, SR.	HADISON	4976	01 MADISON		12 34 42	86 45	580	5P		H	JOHN Q. STONER JR.		
ALBERTVILLE 2 SE	0146	02 HARRIS			11 34 14	86 10	1140	5P	5P			ALBA. COMMUNITY NETWORK	MAGELA	4996	02 JEFFERSON		9 33 50	86 51	654	7A		H	ALABAMA POWER CO.		
ALBANY CITY	0180	05 TALLAPOOSA			11 32 37	85 57	600	7A				HENRY C. GRESHAM	MARTIN 3 SE	5112	06 PERRY		3 32 07	87 16	204	7A		H	NATIONAL FISH WATCHERY		
ALICEVILLE	0178	03 PICKENS			11 53 07	88 07	140	7A	7A			MRS. CHEAPY J. HENDON	MARTON JUNCTION 1 ENE	5116	06 DALLAS		3 32 27	87 13	624	7A		H	R. L. SIMONTON		
ANDALUSIA 1 NW	0292	07 COVINGTON			31 35	85 15	190	MID	MID			PED. AVIATION AGENCY	MARTON JUNCTION 2 NE	5121	06 DALLAS		11 32 06	85 55	340	6P		OP	ALABAMA POWER CO.		
ANNHETER FAA APT	0538	03 WINSTON			33 04	87 31	500	7A				GEORGE M. RUMES	MARTON JUNCTION 2 NE	5121	06 DALLAS		11 32 06	85 55	340	6P		OP	ALABAMA POWER CO.		
ARLEY 3 S	0369	05 CLAY			33 04	87 31	500	7A				MRS. DONA R. GAVIS	MATHEWS 1 SW	5172	06 MONTGOMERY		11 32 19	86 01	190	7A		H	E. PAUL GOWAN		
ASHLAND	0369	05 CLAY			11 53 15	85 30	1080	7A	7A			CARL TERRY	MELVIN	5354	07 CHOCTAW		13 31 56	86 27	350	7A		H	ERNEST H. LAND		
ASHVILLE 4 W	0377	04 ST. CLAIR			33 31	86 20	990	7A				JOHN T. SWINGOLD	HEATZ PINOVILLE TOWER	5382	05 BIBB		3 32 33	87 20	600	1P		C	U.S. FOREST SERVICE		
ATHENS 2	0399	01 LINESSTONE			12 34 48	86 19	720	9A	9A			RADIO STATION WJHM	HENWAY	5397	06 BULLOCK		4 32 04	85 31	490	5P		H	JOHN B. ARO		
ATMOUTH 1 SW	0407	01 ESCAMBIA			8 31 01	87 31	294	4P	4P			HUGH M. WIGGINS	HILSTEADE	5439	06 MACON		11 32 27	85 54	201	8A		H	JAMES H. WALKER		
AUBURN 3 W	0422	05 LEE			11 52 24	85 91	730	8A	8A			MRS. MARTHA I. MOORE	HINTER 5 NW	5444	06 OALLAS		11 32 08	87 03	370	7A		H	HENRY J. VATES		
AUTLAUGVILLE 5 H	0447	03 AUBREYA			3 32 35	87 41	200	6A	6A			MRS. NEIGHBORS	MITCHELL DAM	5468	03 CHILTON		3 32 08	86 27	230	7A		H	ALABAMA POWER CO.		
BANKHEAD LOCK AND DAM	0505	03 TUSCALOOSA			2 33 28	87 20	280	7A	7A			CORPS OF ENGINEERS	MOBILE NB AIRPORT	5478	06 MOBILE		9 30 41	88 15	211	MID	MID	H	U.S. WEATHER BUREAU		
BAR HOMETTE	0519	08 BALDWIN			30 35	87 47	288	7P	7P			GARDNER AVIATION	MONTGOMERY	5520	04 SHELBY		3 33 00	86 52	430	7A		H	ALABAMA POWER CO.		
BEATRICE 1 E	1 31	44			1 31 44	87 12	178	7A	7A			MARY L. GAVLES	MONTGOMERY WB APT	5623	01 LAWRENCE		11 32 18	86 25	183	MID	MID	H	U.S. WEATHER BUREAU		
BELLE MINA 2 N	0659	01 LINESSTONE			12 34 42	86 53	800	5P	5P			AUBURN UNIVERSITY	MOUNTON 2	5635	01 LAWRENCE		12 34 29	87 17	600	7A		H	JOHN H. KELLY		
BEARY	0748	03 FAYETTE			2 33 40	87 36	452					JAMES E. MC GRAY	MUSCLE SHOALS FAA APT	5749	01 COLBERT		12 34 45	87 37	536	MID	MID	H	FED. AVIATION AGENCY		
BESSIEPHEE 3 SW	0757	02 JEFFERSON			2 33 22	87 01	359	6P	6A			JOHN R. THOMAS	NEW MARKET 2 E	5707	01 MADISON		12 34 53	86 27	725	5P		H	JESSIE BIRCHFIELD		
BIRMINGHAM WB APT	0831	02 JEFFERSON			2 35 34	86 45	620	MID	MID			U.S. WEATHER BUREAU	NEW MARKET 2 E	5707	01 MADISON		12 34 53	86 27	725	5P		H	WAYNE MC PARLEN		
BOAZ	0957	02 MARSHALL			2 34 13	86 10	1070	7A	7A			ROBERT L. WHELLES	NEWTON	5975	07 DALE		8 31 20	85 36	220	7A		H	GLADYS C. BROWN		
BRANTLEY	1009	07 CHESTER			6 51 58	89 18	77	8A	8A			R. E. HENDERSON	ONEDATA 121	6121	02 BOLDEN		2 33 57	87 29	870	7A		H	LOMIE R. NORRIS		
BRENTON 3 SE	1084	07 ESCAMBIA			6 51 40	87 05	85	6P	6A			MRS. CLARA T. PEAVY	DELPIKA	6129	05 LEE		11 52 58	85 23	750	7A		H	RADIO STATION WJMO		
BROOKWOOD	1224	03 JACKSON			12 34 36	85 45	860	5P	5P			MISS M. LOUISE JONES	DEWATER	6181	06 DALLAS		11 32 18	86 14	200	7A		H	EDWARD B. WARREN		
BROOKWOOD	1143	05 TUSCALOOSA			2 33 16	87 17	605	7A				MRS. WILLIE M. STYDON	OZARK NW	6218	07 GALE		5 31 31	85 47	470	5P	5P	H	CHARLES H. CARROLL		
BURDWOOD	1178	07 PIZE			5 31 48	85 48	510	7A			GEORGE A. MICHX	PAINT ROCK 2 W	6226	02 JACKSON		12 34 42	86 20	655	7A		H	THOMAS H. LAND			
CALEBA 2 W	1288	08 SHELBY			5 33 05	87 36	590	5P	5P			MRS. E. M. FREPPET	PALMERVILLE 2	6248	02 JEFFERSON		12 34 42	86 20	655	7A		H	JOHN T. POSEY		
CAHOEN 3 NW	1501	07 WILCOX			1 52 02	87 20	225	5P	5P			AUBURN UNIVERSITY	PELL CITY 1 NNE	6294	04 ST. CLAIR		7 55 56	86 16	995	7A		H	NORMAN A. VAUGHN		
CAMP HILL 2 NW	1501	07 WILCOX			1 52 02	87 20	225	5P	5P			AUBURN UNIVERSITY	PENNA HILL 2 NW	6294	04 ST. CLAIR		7 55 56	86 16	995	7A		H	HESSIE V. FULLER		
CARDEN HILL	1377	08 WALKER			2 33 34	87 32	450	7A				MRS. ANNA MAE GARISON	PETERHAM	6370	07 MONROE		1 31 35	87 16	193	8A		H	MRS. MINTA EDGINS		
CANTON 3 SW	1512	04 CHEROKEE			2 33 57	87 08	224	7A	7A			DOH W. MATSON	PHEMEX CITY 2 NNE	6396	07 RUSSELL		4 32 30	85 01	370	8A	8A	H	GLADYS C. BROWN		
CENTREVILLE	1512	04 CHEROKEE			2 33 57	87 08	224	7A	7A			MUEY COLBURN	PICKENSVILLE	6396	07 RUSSELL		13 33 17	85 29	870	7A		H	MRS. HARY L. MERRICK		
CHAMBERS	1506	07 WASHINGTON			13 31 30	88 15	285	5P	5P			OPADY C. YOUNG	PINE APPLE	6430	07 WILCOX		1 51 53	87 00	250	7A		H	MRS. EVA R. RAY		
CHATEAUBURG WTA PLANT	1609	07 MONROE			1 51 32	87 31	123	7A	7A			MRS. ELIZABETH M. WESTON	PITTSVILLE	6501	07 MONTGOMERY		4 52 11	85 10	380	7A	7A	H	SAM P. RUSSELL		
CLATON	1694	08 CHILTON			7 32 51	86 55	580	7A	7A			HARISON W. EASTERLING	PLANTERSVILLE 2 SSE	6508	09 AUTAUGA		1 32 37	86 54	250	7A		H	THOMAS E. FISCHER		
CLAYTON	1725	07 BARBUD			7 32 51	86 55	580	7A	7A			MRS. ELIZABETH M. WESTON	PLANTERSVILLE 2 SSE	6508	09 AUTAUGA		1 32 37	86 54	250	7A		H	THOMAS E. FISCHER		
COBEN	1803	08 MOBILE			8 31 23	88 13	150	5P	5P			ACHES C. CHRISTENSEN	RED BAY	6505	01 FRANKLIN		12 34 24	86 08	80	7A		H	MRS. AUSTIE WILKINSON		
COFFEE SPRINGS 2 NW	1807	07 MOBILE			8 31 23	88 13	150	5P	5P			HERNY P. KELLEY	REDSTONE ARSENAL	6543	01 MADISON		12 34 35	86 30	370	MID	MID	H	REDSTONE ARSENAL		
COLLEBAEY STEAK PLANT	1816	01 COLBERT			12 34 44	85 56	270	7A				THA=462	REDSTONE ARSENAL	6543	01 MADISON		12 34 35	86 30	370	MID	MID	H	REDSTONE ARSENAL		
COLUMBIA	1864	07 MOUSTON			5 51 17	85 07	85	7A				W. B. APPLETON	RIVER FALLS	6537	07 COVINGTON		6 31 22	86 52	190	7A		H	WILLIAM GOWIN		
COLUMBIA	1864	07 MOUSTON			5 51 17	85 07	85	7A				INACTIVE 8/1/66	RIVER FALLS 2 NE	6542	07 COVINGTON		6 31 22	86 51	190	7A		H	ALABAMA ELECTRIC COOP		
CRODUA	1940	09 WALKER			2 35 46	87 11	334	7A				MRS. C. GRESHAM	ROBERTS GOALE 1 E	6928	06 BALDWIN		4 50 32	87 40	155	7A	7A	H	MICHAEL W. BALDWIN		
CRODUA	1940	09 WALKER			2 35 46	87 11	334	7A				HUMPHREY VITE	ROBERTS GOALE 2 NW	7020	05 COOSA		7 32 54	86 14	670	7A	7A	H	CHARLES W. HECHEN		
CRODUA	1940	09 WALKER			2 35 46	87 11	334	7A				REUBEN P. HARRIS	ROCK MILLS	7025	05 RANDOLPH		4 33 09	85 18	745	6A	6A	H	JOHN T. BAILEY		
CRODUA	1940	09 WALKER			2 35 46	87 11	334	7A				WILLIAM L. BARTELT	RUSSELLVILLE 2	7131	01 FRANKLIN		12 34 31	87 44	980	7A	7A	H	RADIO STATION WJMR		
CUBA	2079	06 SUITER			13 32 26	88 23	215	7A				FRANK B. MORRIS	SALT BERNARD	7187	02 CULLMAN		2 34 12	86 47	802	7A	7A	H	ST. BERNARD COLLEGE		
DAVEVILLE	2119	05 TALLAPOOSA			11 52 48	85 45	760	7A				JAMES H. CREWS	SAND MT SUBSTA AU	7207	02 DE WALK		12 34 17	85 58	1195	6P	6P	H	AUBURN UNIVERSITY		
DAVEVILLE 2	2124	05 TALLAPOOSA			11 52 48	85 45	760	7A				CLOSED 11/20/69	SAVAE	7282	02 JEFFERSON		2 33 43	86 58	300	7A		H	MRS. M. W. PRIONORE		
DAYTON	2188	04 MARENGO			13 32 21	87 39	225	7A	7A			MRS. VERA B. LANDERS	SCOTTSBORO	7306	02 JACKSON		12 34 41	86 03	613	7A	7A	H	RADIO STATION WCAI		
DECATUR	2207	01 MORGAN			12 34 22	86 54	650	7A	7A			CORPS OF ENGINEERS	SELMA	7368	06 DALLAS		1 32 25	87 00	147	5P	5P	H	ROBERT J. CHAMOLER		
DELTA	2235	05 CLAY			11 33 26	85 42	1030	7A				PED. AVIATION AGENCY	SLOCUM	7576	07 GENEA		5 31 07	85 30	248	7A		H	J. P. KIRKLAND		
DEWATER	2245	06 MARENGO			5 51 19	85 27	371	MID	MID			PAUL B. SMITH	SUTTLE	7963	06 PERRY		3 32 32	87 11	145	7A		H			

Additional information regarding the climates of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of averages daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

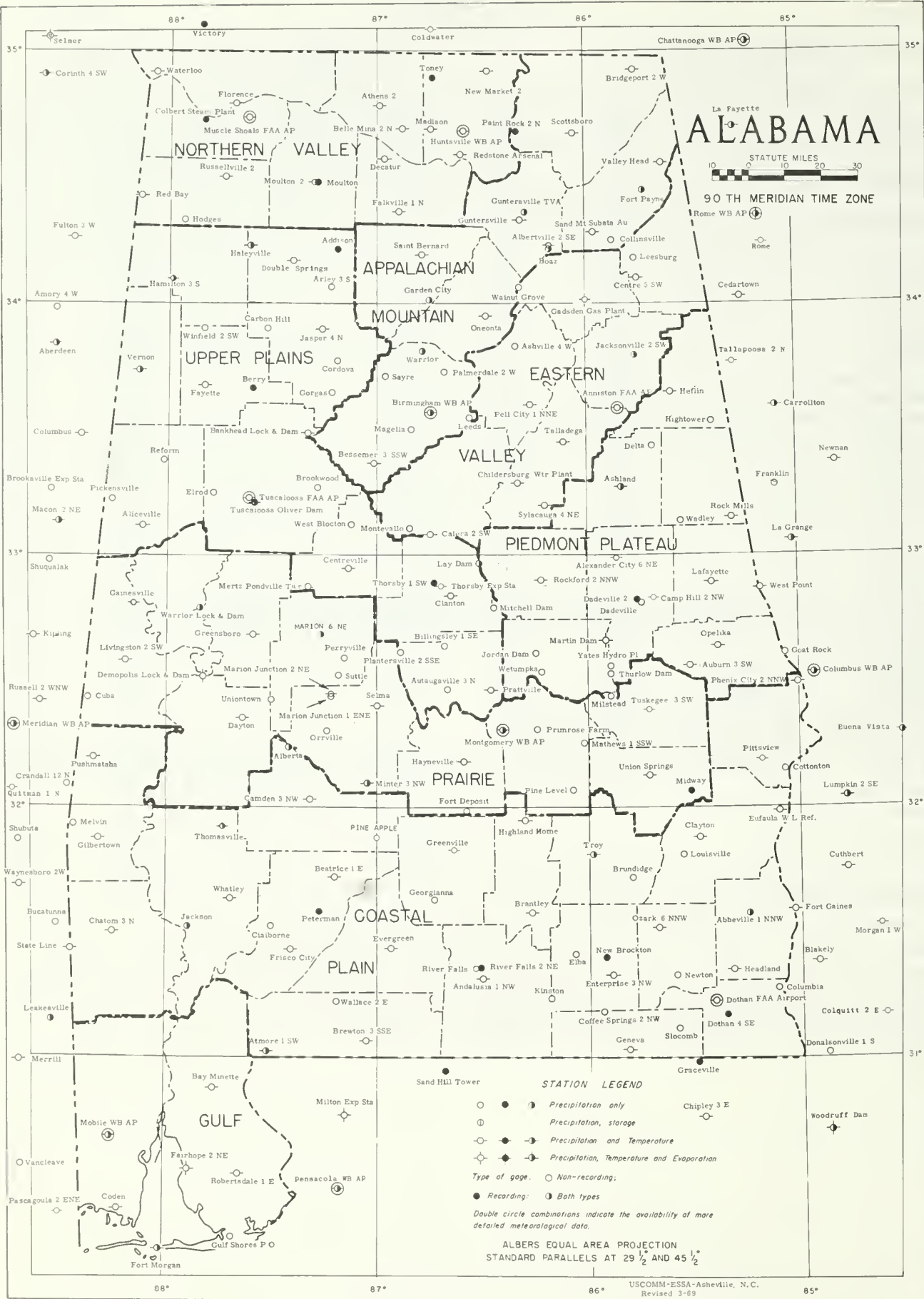
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in this table with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



ALABAMA

STATUTE MILES
0 10 20 30

90 TH MERIDIAN TIME ZONE

- STATION LEGEND**
- ● ○ Precipitation only
 - ○ Precipitation, storage
 - ● ○ Precipitation and Temperature
 - ● ○ Precipitation, Temperature and Evaporation
 - Type of gage: ○ Non-recording;
 - Recording; ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

CLIMATOLOGICAL DATA

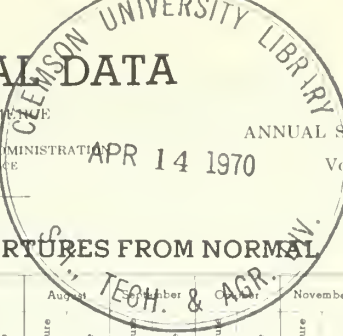
U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION ENVIRONMENTAL DATA SERVICE

ANNUAL SUMMARY 1969

Volume 75 No. 13



AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Table with columns for Station, January, February, March, April, May, June, July, August, September, October, November, December, and Annual. Each month column contains Temperature and Departure values. Rows include various Alabama locations like Northern Valley, Appalachian Mountains, Upper Plains, Eastern Valley, Piedmont Plateau, and Coastal Plain.

See Reference Notes Following Station Index

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA
1969

Table 1—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
CAMDEN 3 NW	46.0		48.3		49.8		55.2		71.3		79.4		81.1		77.4		72.4		64.7		51.0		44.3		62.6	
CHATON 3 N	49.0		51.3		52.5		66.8		72.6		80.7		82.4		79.5		75.0		67.5		55.3		49.6		65.2	
CLAYTON	46.3		47.9		50.0		66.2		71.1		78.9		80.6		76.8		73.4		65.7		54.0		46.8		63.1	
OOTHAN FAA AIRPORT	50.1		50.5		53.0		68.1		73.0		80.6		80.4		77.5		74.9		69.1		55.8		49.0		65.2	
ENTERPRISE 3 NW	47.5		47.6M		50.9		67.4M		71.6M		80.0		80.7		76.9M		74.0		66.6M		53.5M		47.2		63.7M	
EUFULA WILDLIFE REF	45.8		46.8		50.7		65.4		71.5		79.3		81.2		77.9		73.6		66.9		52.4		45.0		63.0	
EVERGREEN	47.8M		49.7M		51.4M				73.0		81.7M		82.7		79.9M		75.8M		69.1		54.8M		49.1M		-	
FRISCO CITY	47.6		49.5		50.8		67.2		72.6		80.9		M		76.6		74.4		66.8		53.2		48.1		-	
GENEVA	47.8		49.7M		52.3		67.4		-		M		M		77.3		74.2M		68.7		M		46.5M		-	
GILBERTOWN	47.7		49.9		51.3		65.2		70.7		79.2		81.9		78.4		72.9		66.6		52.2		46.9		63.6	
GREENVILLE	44.8M	- 0.4	50.2	- 3.1	51.2	- 7.4	66.8	.5	71.4	- 2.5	78.9	- 1.3	81.1	- .3	77.6	- 3.5	73.6	- 3.1	66.1	- 1.4	51.8	- 5.0	45.3	- 0.1	63.2M	- 3.3
HEADLAND	47.9		48.9		51.8		68.5		72.8		81.7		81.6		77.4		74.4		67.3		53.4		46.2		64.3	
HIGHLAND HOME	45.6	- 5.4	48.0	- 4.8	49.5M	- 8.6	65.8M	.2	71.8M	- 1.4	79.5	.2	81.8	.9	78.4	- 2.2	73.8	- 2.6	65.9M	- 1.4	52.9	- 3.7	46.2	- 4.8	63.3M	- 2.8
OZARK 6 NNW	47.3	- 5.0	48.0	- 6.2	50.6	- 8.7	65.3	- 1.3	70.3	- 3.9	78.3	- 1.7	77.5	- 3.5	74.4	- 6.3	71.1	- 5.9	64.3	- 4.2	53.0	- 5.0	49.6	- 2.9	62.5	- 4.5
PHENIX CITY 2 NNW	44.1		46.3		49.8		65.2		71.4M		79.3		80.8		76.3M		M		64.7		48.7		M		-	
PITTSVIEW	43.4		45.2		47.3		63.6		69.1		78.1		81.3M		76.7		72.0		65.1M		50.0M		43.1		61.2M	
THOMASVILLE	45.9	- 3.7	47.9	- 3.9	50.0	- 7.3	65.7	.7	70.7	- 2.0	79.6	.3	81.7	1.0	77.2	- 3.4	73.2	- 2.8	65.4	- 1.3	51.6	- 4.0	45.8	- 4.2	62.9	
TROY	49.0	- 1.6	49.1	- 3.5	51.6	- 6.3	66.9	1.3	72.2	- 1.1	79.9	.5	81.2	.6	77.6	- 2.8	74.4	- 1.9	67.4	.1	56.4	- 2.0	47.2	- 3.8	64.2	- 1.7
WHATLEY	47.2		50.3		49.7		64.3		69.2M		78.3		81.3		77.4		72.7		65.4		51.7		46.0		62.8M	
DIVISION	46.8	- 4.4	48.9	- 4.4	50.8	- 7.6	66.2	.3	71.5	- 2.0	79.5	- .2	81.2	.2	77.6	- 3.2	73.6	- 3.0	66.6	- .7	52.6	- 4.0	46.8	- 4.4	63.5	- 2.6
GULF																										
08																										
BAY MINETTE	51.3		53.3		53.6		68.1		73.8		80.6		81.9		79.2		76.2		69.4		56.9		51.0		66.3	
COEN	52.6		53.6M		53.9		68.0		73.6		81.1		82.5		80.5		77.1		71.4		58.3		52.8		67.1M	
FAIRMORE 2 NE	52.2	- 1.4	53.6	- 1.8	54.0	- 6.0	68.3	1.5	73.7	- .6	80.8	.8	82.2	.9	79.8	- 1.6	M		70.4	1.1	57.2	- 1.7	52.3	- 1.7	-	
FORT MORGAN	53.3		54.1		55.2		68.3M		75.0		82.4		82.7		81.9		79.2M		-		-		-	-	-	
MOBILE WB AIRPORT	51.5	- 1.5	53.7	- 1.5	53.8	- 6.5	68.9	1.3	74.5	- 1.1	82.4	.9	83.5	.9	80.6	- 1.5	77.5	- .4	71.2	1.3	58.0	- .9	53.7	- .4	67.4	.8
ROBERTSDALE I E	49.7		52.1		52.3M		67.0		72.7		79.4		81.5		78.8		74.6M		68.7		56.0		50.9		65.3M	
DIVISION	51.8	- 1.5	53.4	- 1.9	53.8	- 6.2	68.1	1.1	73.9	- .5	81.1	1.0	82.4	1.1	80.1	- 1.4	76.9	- .8	70.2	.8	57.3	- 1.6	52.1	- 1.8	66.8	- .9

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN THE APRIL AND AUGUST 1969 ISSUES OF THIS BULLETIN.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1969

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
FORT MORGAN	3.78		5.20		11.40		4.40		6.30		3.15		11.70		6.95		2.20		1.33		1.19		6.33		61.93	
GULF SHORES P O	2.49		5.15		9.58		3.87		4.80		2.27		13.77		4.68		1.33		2.10		2.05		6.90		59.05	
MOBILE NB AIRPORT	2.79	1.85	3.40	1.19	8.15	.92	4.53	1.83	7.95	3.07	1.33	4.90	14.14	4.47	12.05	5.61	1.93	4.30	.67	2.30	4.4	2.91	5.58	.12	62.98	5.15
ROBERTSDALE 1 E	5.69	1.46	4.15	.02	9.39	2.80	5.45	.11	10.07	4.60	3.04	3.79	22.91	13.09	8.03	.74	3.12	3.87	2.75	.39	.88	2.40	6.82	2.00	82.20	14.11
DIVISION	4.09	.35	4.82	.62	9.05	2.31	4.54	1.41	8.39	3.38	3.21	2.66	12.74	3.81	10.53	4.27	1.90	4.47	1.60	1.31	.96	2.48	6.71	1.69	68.00	3.40

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

STATION INDEX

ALABAMA 1969

Main table with columns: Station, Index No., Division No., County, Drainage, Latitude, Longitude, Elevation, Years of record, Opened or closed during yr., Refer to tables, Station, Index No., Division No., County, Drainage, Latitude, Longitude, Elevation, Years of record, Opened or closed during yr., Refer to tables.

DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTAHOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGEE

RELOCATION AND CHANGES OF EQUIPMENT

BERRY FORT DEPOSIT GENEA HALEVILLE JACKSON

EQUIPMENT MOVED 0.5 MILE NE EQUIPMENT MOVED 0.9 MILE WSW EQUIPMENT MOVED 1.0 MILE W EQUIPMENT MOVED 0.2 MILE E EQUIPMENT MOVED 0.5 MILE W

MAY 21, 1969 MAY 5, 1969 JUNE 1, 1969 MARCH 18, 1969 APRIL 24, 1969

NEW BROCKTON

EQUIPMENT MOVED 0.5 MILE S

APRIL 17, 1969

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist, Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

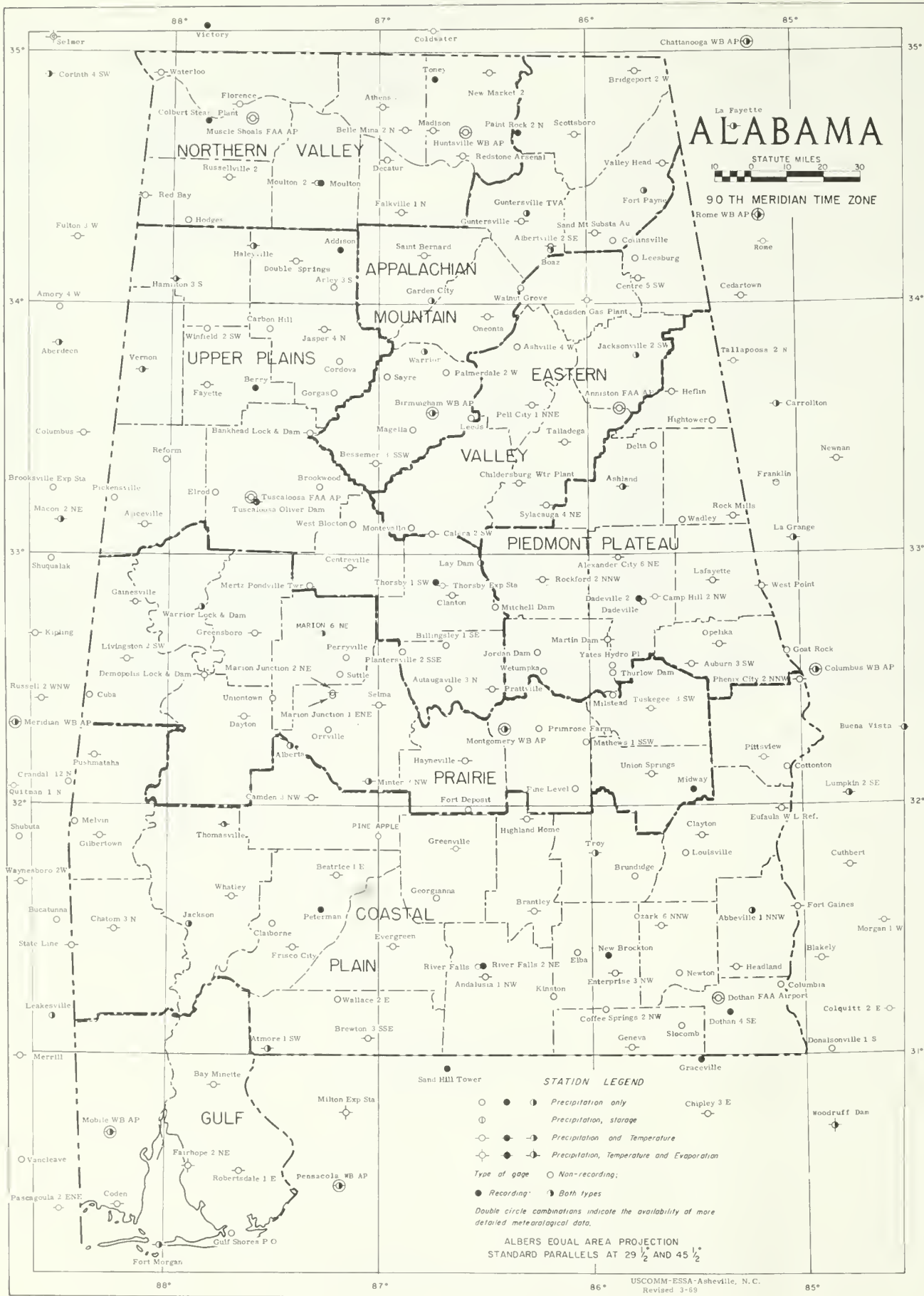
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

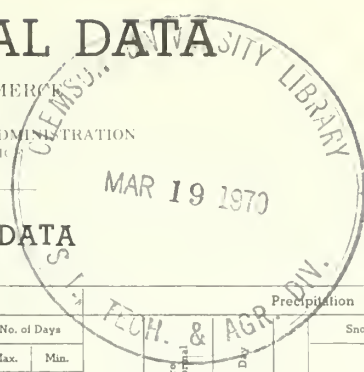


CLIMATOLOGICAL DATA

ALABAMA

U.S. DEPARTMENT OF COMMERCE
 MARINE & STANSON
 ENVIRONMENTAL SERVICES ADMINISTRATION
 ENVIRONMENTAL DATA SERVICE

JANUARY 1970
 Volume 76 No. 1



CLIMATOLOGICAL DATA

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days		
										91° or Above	81° or Above	71° or Above	61° or Above	51° or Above					41° or Above	31° or Above	21° or Above	11° or Above	Total
	Max.	Min.	Total	91° or Above	81° or Above	71° or Above	61° or Above	51° or Above	41° or Above	31° or Above	21° or Above	11° or Above	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More					
<p>* * * NORTHERN VALLEY 01</p> <p>ATHENS 2 BELLE MINA 2 N FALKVILLE 1 N FLORENCE HUNTSVILLE WB AP</p> <p>MAOISON MOULTON 2 MUSCLE SHOALS FAA AP NEW MARKET 2 REO BAY</p> <p>REOSTONE ARSENAL RUSSELLVILLE 2 WATERLOO</p> <p>DIVISION</p> <p>* * * APPALACHIAN MOUNTAINS 02</p> <p>ALBERTVILLE 2 SE BESSEMER 3 SW BIRMINGHAM WB AP BRIDGEPORT 2 W GUNTERSVILLE</p> <p>ONEONTA SAINT BERNARD SAND MT SUBSTA AU SCOTTSBORO VALLEY HEAD</p> <p>DIVISION</p> <p>* * * UPPER PLAINS 03</p> <p>ALICEVILLE BANKHEAD LOCK AND DAM CENTREVILLE CLANTON ODOUBLE SPRINGS</p> <p>FAYETTE HALEYVILLE HAMILTON 3 S JASPER 4 N PRATTVILLE</p> <p>THORSBY EXP STATION TUSCALOOSA FAA AP TUSCALOOSA OLIVER OAM VERNON</p> <p>DIVISION</p> <p>* * * EASTERN VALLEY 04</p> <p>ANNISTON FAA AP CALERA 2 SW CENTRE 5 SW CHILDERSBURG WTR PLANT GAOSEN GAS PLANT</p> <p>PELL CITY 1 NNE SYLACAUGA 4 NE TALLADEGA</p> <p>DIVISION</p> <p>* * * PIEOMONT PLATEAU 05</p> <p>ALEXANDER CITY ASHLAND AUBURN 3 SW CAMP MILL 2 NW MEFLIN</p> <p>LAFAYETTE MARTIN OAM OPELIKA ROCKFORD 2 NNE ROCK MILLS</p> <p>DIVISION</p>																							

ALABAMA - JANUARY 1970
SPECIAL WEATHER SUMMARY

A lengthy period of very cold weather spread across the State on the 6th and 7th and continued until a slow moderation began on the 10th. Minimum temperatures during this period did not break any records but were much colder than usual for January. Minimums as low as zero were reported as far south as Camp Hill and minimums were a few degrees below zero over much of the northern third of the State. Valley Head had a minimum of -6° and Double Springs -5° . The most unusual aspect of the cold spell was the number of consecutive days with the maximum of 32° or less. In the extreme north and west, Florence, New Market,

and Aliceville remained below freezing for 5 consecutive days. In the central portion many stations had 3 or 4 days and several stations in the extreme south had 1 or 2 days with the maximum of 32° or less. At Montgomery the temperature was 32° or less for 88 consecutive hours, the longest such period since January 1940.

During this period the days were generally sunny, but even so maximums were no higher than the teens and low twenties as cold air plunged southward. The severity of the cold weather was accentuated by winds of 15 to 20 m.p.h., with strong gusts on the 7th, 8th, and 9th.

C. C. Wooden, Acting
ESSA-Weather Bureau State Climatologist
Dannelly Field
R. F. D. 2
Montgomery, Alabama 36108

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1970

Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * NORTHERN VALLEY 01																															
BELLE MINA 2 N						1.0	.2				.5										.8										
FALKVILLE 1 N						1.5		1	1	2	T																				
FLORENCE						.5	T	T			T										.6	T		T							
HUNTSVILLE WB AP						2.4	T	T	T	T	.5										T	.2	T	.2							
MOULTON 2	T		T			3.5	T	T	T	T	1.5										T	1.0	T								
MUSCLE SHOALS FAA AP						T	T	T														.2		T							
NEW MARKET 2																						.5									
RED BAY							T															T									
REDSTONE ARSENAL						2.0	T				.5											.5	T								
RUSSELLVILLE 2						1.5					T											T	1.1								
WATERLOO						2.0	T	T																							
* * * APPALACHIAN MOUNTAINS 02																															
ALBERTVILLE 2 SE					T	2.0					1.0										T	1.0									
BESSEMER 3 SSW				T		T	T				.8											T	T	.3	T						
BIRMINGHAM WB AP	T		T			T	T	T			.4										1.1	.2	T								
BRIDGEPORT 2 W																															
ONEONTA								T			1.0											T	1.0								
SAINT BERNARD						.5	T				.2											.7					T				
SAND MT SUBSTA AU						2.0					2.0											.2		T							
SCOTTSBORO																															
VALLEY HEAD				T	T	2.3	1.5	T	T	T	2.3	.4	2	2	1	T	T	T			.4	.6	T	.4	1	T					
* * * UPPER PLAINS 03																															
BANKHEAD LOCK AND DAM																															
CENTREVILLE																															
CLANTON											T												T								
DOUBLE SPRINGS						3.0																.4									
HALEYVILLE						2.0	.5															.2									
HAMILTON 3 S						.9	1	T	T	T	T										T	.2	T	T							
PRATTVILLE																							T								
THORSHY EXP STATION											T												T								
TUSCALOOSA FAA AP												T										T	T	T							
TUSCALOOSA OLIVER DAM																							.5								
VERNON							T				T											T	T								
* * * EASTERN VALLEY 04																															
ANNISTON FAA AP						T	T				T											T	.1								
CALEPA 2 SW							T																.9								
CENTRE 5 SW						1.5	T	T	T			1.5	2	2	T	T						.5			.5						

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1970

Continued

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CHILDERSBURG WTR PLANT	SNOWFALL SN ON GND																																	T
SYLACAUGA 4 NE	SNOWFALL SN ON GND																																T	
TALLADEGA	SNOWFALL SN ON GND																																T	
PIEDMONT PLATEAU 05																																		
ASHLAND	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAMP HILL 2 NW	SNOWFALL SN ON GND																																T	
LAFAYETTE	SNOWFALL SN ON GND																																T	
OPELIKA	SNOWFALL SN ON GND																																T	
RUCKFORD 2 NNW	SNOWFALL SN ON GND																																1.0 1	
PRAIRIE 06																																		
GAINESVILLE	SNOWFALL SN ON GND																																T	
LIVINGSTON 2 SW	SNOWFALL SN ON GND																																T	
MONTGOMERY WB AP	SNOWFALL SN ON GND WTR EQUIV																																T T	
COASTAL PLAIN 07																																		
PHENIX CITY 2 NNW	SNOWFALL SN ON GND																																T	

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PIEDMONT PLATEAU 05																																		
MARTIN OAM	EVAP WIND	.05 22	.03 26	.10 59	.05 52	.04 15	- 85	- 99	- 30	- 54	- 30	- 19	- 44	- 85	- 16	.09 6	.05 38	.02 49	- 13	.03 11	.05 16	- 122	- 51	- 15	.03 23	.10 1	.00 4	.12 0	.10 7	- 2	- 24	- 34	- 1052	
PRAIRIE 06																																		
DEMOPOLIS LOCK AND OAM	EVAP WIND MAX MIN	.07 59 42 39	* 31 - -	.09 45 52 37	* 65 - -	.17 15 49 35	- 99 50 38	* 68 -	* 32 -	* 109 -	* 61 -	* 79 -	.30 60 -	- 87 -	- 29 -	- 11 -	.08 64 55 34	.06 81 61 43	.10 12 56 47	.05 74 56 51	- 111 -	* 100 -	* 47 -	* 36 -	* 54 61 34	.33 99 65 51	.10 15 75 52	.18 43 72 49	.21 115 71 49	- 135 72 49	- 85 -	- 1975 -		
GULF 08																																		
FAIRHOPE 2 NE	EVAP WIND MAX MIN	.02 32 48 40	.05 8 46 36	.05 39 46 38	.05 18 49 35	.01 14 49 39	- 68 44 40	.04 120 40	.11 46 41 30	.07 56 41 29	.06 28 42 30	- 24 -	.08 54 -	.06 33 -	.04 11 -	.05 18 -	.00 13 -	* 12 -	.04 34 -	.07 21 -	.02 54 -	.07 51 -	.06 21 -	- 43 -	.17 17 -	.12 23 -	- 49 -	.08 12 -	.07 21 -	- 29 -	- 95 -	- 21 -	1.878 1085	

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

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DAILY TEMPERATURES

ALABAMA
FEBRUARY 1970

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN																																
BELLE MINA 2 N	MAX MIN	52 51 44	38 41 53	65 56 45	48 57 56	56 62 60	45 47 68	64 45 53	63 55 55	53 46 66	65																					53.9 30.6	
FALKVILLE 1 N	MAX MIN	56 51 55	23 40 45	57 60 55	39 51 59	45 58 62	63 40 48	68 46 47	55 64 55	57 49 50	66																					52.3 27.0	
FLORENCE	MAX MIN	49 50 42	42 44 51	66 59 45	52 62 50	58 64 61	46 56 76	66 44 66	62 56 55	54 50 60	66																					55.4 27.6	
HUNTSVILLE WB AP	MAX MIN	53 52 26	39 44 54	64 52 42	47 57 43	54 63 61	41 46 69	49 46 53	65 52 55	50 46 65	65																					51.9 29.2	
MAOISON	MAX MIN																																
MOULTON 2	MAX MIN	56 51 46	41 44 55	65 53 45	50 60 47	57 62 61	42 54 70	61 46 57	64 54 56	51 49 66	66																					54.6 31.0	
MUSCLE SHOALS FAA AP	MAX MIN	53 56 25	44 47 54	68 56 43	54 62 49	59 67 65	47 56 72	56 50 60	67 58 58	52 51 69	69																					56.0 32.6	
NEW MARKET 2	MAX MIN	52 50 46	38 41 54	63 53 43	46 57 48	54 60 60	39 45 66	60 43 53	60 55 54	50 44 63	65																					52.2 28.8	
REO BAY	MAX MIN	57 50 48	24 45 56	58 66 52	38 51 62	50 59 63	60 45 57	70 49 47	59 63 58	58 49 49	68																					54.0 29.6	
REOSTONE ARSENAL	MAX MIN	51 54 29	40 44 55	64 53 43	49 51 45	52 62 61	40 48 68	55 48 55	62 55 55	49 48 65	67																					52.4 27.0	
RUSSELLVILLE 2	MAX MIN	55 50 49	22 42 44	54 66 53	37 51 60	47 57 62	62 44 58	68 48 46	68 62 52	57 47 47	66																					52.6 25.2	
WATERLOO	MAX MIN	52 48 44	35 41 48	65 61 47	52 51 51	57 62 61	44 56 69	66 47 60	62 58 55	53 51 69	69																					54.8 29.9	
* * *																																	
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 5E	MAX MIN	50 58 52	39 45 57	63 59 46	47 60 52	53 60 66	54 46 66	58 44 51	61 53 54	49 46 62	65																					54.1 32.0	
BESSEMER 3 SSW	MAX MIN	50 64 55	44 49 62	67 63 49	53 67 57	60 66 67	62 51 69	61 54 57	67 59 62	53 51 67	69																					59.1 31.3	
BIRMINGHAM WB AP	MAX MIN	54 64 38	43 56 61	66 65 45	53 66 49	58 67 69	48 57 70	55 51 57	64 59 56	52 50 65	69																					57.4 31.5	
BRIDGEPORT 2 W	MAX MIN	51 53 53	38 37 51	61 59 48	48 61 50	56 58 62	56 52 65	58 46 57	62 59 53	53 47 58	68																					54.3 28.3	
GUNTERSVILLE	MAX MIN	52 59 52	40 45 54	58 63 48	49 59 59	54 60 69	59 49 45	47 50 55	66 59 52	52 46 64	65																					54.6 28.3	
ONEONTA	MAX MIN	51 51 61	25 42 53	61 66 65	42 51 50	41 52 63	68 43 52	64 48 52	58 64 57	58 50 48	65																					53.6 27.6	
SAINT BERNARD	MAX MIN	54 50 59	22 39 47	58 63 57	40 51 62	46 55 65	65 40 50	68 47 47	55 62 55	56 49 48	64																					52.6 25.8	
SAND MT SUBSTA AU	MAX MIN	50 57 55	36 43 57	60 60 46	46 58 57	57 59 64	58 45 62	62 44 48	68 58 53	51 46 62	64																					54.5 31.3	
SCOTTSDR	MAX MIN	53 53 55	23 39 40	53 62 57	41 46 58	48 60 63	64 52 57	56 47 55	63 52 54	49 47 54	66																					52.4 26.6	
VALLEY HEAD	MAX MIN	51 51 56	20 38 43	55 61 60	36 42 52	44 52 60	64 45 45	62 43 40	52 61 46	52 43 42	61																					49.2 23.3	
* * *																																	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	62 58 59	24 49 59	57 60 50	55 56 63	55 60 68	65 48 60	65 48 53	60 57 58	50 45 60	60																					55.9 30.2	
BANKHEAD LOCK AND DAM	MAX MIN	56 54 62	32 44 58	61 65 60	45 53 66	52 58 66	68 43 63	67 57 54	60 65 68	59 57 50	64																					57.4 27.0	
CENTREVILLE	MAX MIN	58 54 67	45 45 59	62 68 68	50 55 68	52 60 69	68 48 63	69 59 55	60 57 61	59 49 53	65																					59.1 27.4	
CLANTON	MAX MIN	55 52 66	30 43 45	59 65 65	48 53 67	51 60 68	67 48 55	67 59 52	58 66 60	54 55 60	64																					56.9 29.4	
DOUBLE SPRINGS	MAX MIN	55 50 55	23 43 45	60 65 54	38 51 64	49 58 62	62 40 60	70 50 49	63 55 56	48 50 67	62																					53.7 26.8	
FAYETTE	MAX MIN	52 63 45	43 52 67	65 66 41	45 53 52	60 64 67	44 62 70	54 53 62	67 59 55	53 52 64	67																					57.3 26.7	
HALEYVILLE	MAX MIN	55 49 53	23 43 45	59 64 52	37 50 62	48 58 60	60 41 59	69 50 48	59 62 53	56 48 48	65																					52.7 28.3	
HAMILTON 3 S	MAX MIN	56 50 54	26 44 47	61 65 48	39 50 63	49 58 63	61 45 59	71 52 50	60 65 55	57 49 48	66																					54.0 21.8	
JASPER 4 N	MAX MIN	60 54 39	40 54 62	61 54 47	55 54 59	66 66 60	56 64 59	61 49 53	65 60 63	66 54 68	66																					57.7 31.0	
PRATTVILLE	MAX MIN	51 59 68	43 55 56	65 64 58	55 63 63	70 70 71	70 70 69	63 55 60	65 65 63	58 54 65	69																					62.1 31.9	
THORNBURY EXP STATION	MAX MIN	53 62	42 52 55	64 60 57	60 48 57	63 62 60	44 53 64	60 55 58	61 58 56	53 50 63	68																					57.0 33.6	
TUSCALOOSA FAA AP	MAX MIN	54 66 36	43 57 63	66 64 46	53 67 51	58 69 71	48 63 71	59 55 60	66 61 56	54 51 64	68																					58.6 31.9	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table with columns for Station, Day of Month (1-31), and Average. Rows include stations like COASTAL PLAIN, ANOALUSIA 1 NW, and GULF. Each station row contains MAX and MIN values for each day and an overall Average.

SNOWFALL AND SNOW ON GROUND

ALABAMA
FEBRUARY 1970

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																
BELLE MINA 2 N			1.0																													
FLORENCE				.5	T	T			T																							
MUNTSVILLE WB AP			.2	.5 1	T				.2	T																						
MOULTON 2				.1 T						T	T																					
MUSCLE SHOALS FAA AP			.5 T	1.0 1						T																						
NEW MARKET 2						T				T	T																					
RED BAY				T							T																					
REDSTONE ARSENAL				1.0 T																												
RUSSELLVILLE 2				T							T																					
* * * APPALACHIAN MOUNTAINS 02																																
ALBERTVILLE 2 SE				T						.5 1																						
BESSEMER 3 SSW				T	T						T																					
BIRMINGHAM WB AP				T						.1	T																					
BRIDGEPORT 2 W				T		T					T	T																				
ONEONTA				T							1.0																					
SAINT BERNARD					.2 T						.5																					
SAND MT SUBSTA AU			T	T																												
SCOTTSBORO				T																												
VALLEY HEAD				T	T						T	T																				
* * * UPPER PLAINS 03																																
HALEYVILLE				T	T																											
HAMILTON 3 S			T	T	T	T					T																					
TUSCALOOSA FAA AP				T							T																					
* * * EASTERN VALLEY 04																																
ANNISTON FAA AP				T							T	T																				
CENTRE 5 SW				T							T	T																				
SYLACAUGA 4 NE				T							T																					
* * * PIEDMONT PLATEAU 05																																
ASHLAND												T																				
* * * PRAIRIE 06																																
GAINESVILLE			T																													

EVAPORATION AND WIND

ALABAMA
FEBRUARY 1970

Station	Day Of Month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEDMONT PLATEAU 05																																
MARTIN DAM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.24	.20	.06	.07	.02	.03	.27	.08	.12			
	WIND	7	11	56	17	1	2	1	4	9	13	6	36	3	8	12	8	17	4	16	70	61	1	19	0	23	66	0	2	-		
																															475	
* * * PRAIRIE 06																																
DEMOPOLIS LOCK AND OAM	EVAP	-	-	-	-	-	.10	.09	.12	.12	.11	.12	-	-	.08	.05	.05	.13	.11	.19	-	-	-	.07	.14	-	-	-				
	WIND	4	127	144	155	49	24	23	19	62	123	54	97	47	66	19	75	109	52	55	143	107	27	20	12	19	166	25	38	-		
	MAX	58	49	-	-	-	66	63	66	65	55	60	65	-	62	65	67	67	64	68	65	-	-	69	63	60	-	-	67	1861		
	MIN	36	36	-	-	-	33	40	42	42	38	36	38	-	37	45	48	42	40	40	36	-	-	35	52	52	-	-	35	63.2		
																														40.2		
* * * GULF 08																																
FAIRHOPE 2 NE	EVAP	-	-	.14	.08	.04	.10	.06	.10	.11	.11	.08	.09	.02	.03	.07	.04	.10	.05	.10	.15	.19	.07	.07	.04	.06	.14	.09	.09			
	WIND	36	46	106	53	18	13	19	16	55	73	79	45	15	10	24	41	63	22	45	61	47	22	8	8	70	61	25	13	2.398		
	MAX	-	-	-	-	-	-	-	-	-	60	62	64	64	73	73	71	60	69	71	68	63	66	65	64	64	59	65	69	1094		
	MIN	-	-	-	-	-	-	-	-	-	39	41	44	39	46	59	51	42	43	55	40	39	40	49	51	55	39	40	49	65.8		
																														45.3		

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

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SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June date will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperatures" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Traces, an amount too small to measure.
- V Includes total for previous month.

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- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
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SPECIAL WEATHER SUMMARY

Very heavy rains, associated with numerous thunderstorms, began early on the 19th in north-central Alabama, continued throughout the day and diminished during the night. The heaviest rain extended east-southeast in a widening band from Lamar County on the western border to Cleburne, Randolph, and Chambers Counties on the eastern border. Rainfall amounts for the day in this area ranged from 6 to 10 inches, with the bulk of the rain falling in 6 to 12 hours. The greatest amount reported was 9.77 at Gorgas in southern Walker County.

Extensive flooding occurred in low urban and rural

areas. Small streams ran over roads and bridges were washed out. The most severe flooding was in Jefferson County where 1,200 houses and buildings were partially inundated and 2,000 persons were evacuated. Flooding caused damage estimated to be near \$10 million.

Some hail and high winds occurred with the thunderstorms, but damage was negligible except in the Tuscaloosa area. At Tuscaloosa high winds destroyed a drive-in theater screen, overturned several mobile homes, and unroofed several buildings.

C. C. Wooden, Acting
ESSA-Weather Bureau State Climatologist
Dannelly Field
R. F. D. 2
Montgomery, Alabama 36108

SNOWFALL AND SNOW ON GROUND

ALABAMA
MARCH 1970

Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHERN VALLEY 01																															
MOULTON 2																								T							
MUSCLE SHOALS FAA AP																		T													
APPALACHIAN MOUNTAINS 02																															
BESSEMER 3 SW														T																	
BIRMINGHAM WB AP													T																		
SAINT BERNARD													T																		
VALLEY HEAD														T																	
UPPER PLAINS 03																															
HAMILTON 3 S													T																		
EASTERN VALLEY 04																															
ANNISTON FAA AP													T																		

EVAPORATION AND WIND

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PIEDMONT PLATEAU 05																																3.658 3.67	
MARTIN OAH	EVAP	.23	.13	.13	-	.13	.18	.06	.04	.13	.04	.10	.14	.08	.11	.06	.25	.13	.08	.09	-	-	-	.10	.16	.21	.19	.25	.02	.06	.04		.04
PRAIRIE 06	WIND	5	6	13	10	5	20	5	8	5	4	3	8	17	15	16	31	21	13	8	2	11	5	4	6	12	22	36	4	5	10	17	
MEMPHIS LOCK AND DAM	EVAP	.11	.13	.17	-	.14	.10	.05	.06	.04	.09	.14	.09	.08	.21	.20	.14	.08	.15	-	.11	.01	.12	.14	.33	.24	.17	.20	.10	.17	.05		
GULF 08	WIND	31	37	60	88	21	73	34	42	28	25	47	44	135	115	94	93	63	94	37	77	86	100	82	106	116	155	131	54	76	64	38	
FAIRHOPE 2 NE	MAX	62	75	75	68	70	62	64	51	52	76	77	62	57	63	67	66	63	81	80	66	67	55	66	77	78	68	70	68	79	61	67.5	
	MIN	50	49	55	57	54	45	44	41	42	41	50	56	40	38	30	48	45	55	58	48	44	42	42	45	53	43	44	50	53	52	47.4	
FAIRHOPE 2 NE	EVAP	.11	.09	.05	-	.11	.13	.04	-	.11	.09	.06	.13	.14	.12	.16	.05	.13	.05	.11	-	-	.13	.10	.14	.12	.24	.14	.10	.12	.06	.06	
	WIND	18	22	37	32	23	25	5	46	21	13	16	40	96	74	60	18	29	20	30	26	25	82	55	54	19	64	27	8	39	10	24	
	MAX	75	77	74	71	82	78	73	68	77	80	79	74	71	56	70	69	69	81	80	75	69	62	73	81	81	78	76	74	85	60	75	74.6
	MIN	52	57	61	58	62	53	52	50	49	50	59	59	43	39	51	52	61	69	64	61	53	49	45	51	52	58	49	61	66	62	61	55.1

STATION INDEX

ALABAMA MARCH 1970

Main table with columns: STATION, INDEX NO., DIVISION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, STATION, INDEX NO., DIVISION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER.

1 DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

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- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
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- VAR This entry in time of observation column in Station Index means variable.
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SPECIAL WEATHER SUMMARY

A surge of cold air, moving southeastward across the State, was preceded by numerous severe thunderstorms on the 1st and 2d. Damaging winds, large hail, heavy rains, and 2 tornadoes occurred with the thunderstorms. Hail up to 1-3/4 inches in diameter was associated with a large thunderstorm that moved across north-central Alabama before daybreak on the 1st. Most damage from high winds and tornadoes was during a 12-hour period from 6 p.m. on the 1st to 6 a.m. on the 2d. The tornadoes were in Etowah and extreme Northern Dallas Counties. Damage from high winds was statewide, and the total for all causes exceeded \$1/2 million.

April was marked by several days with scattered damage from high winds and a few tornadoes. A freakish tornado touched down briefly in Madison County on the morning of the 24th, severely damaging a school building. During the morning and early afternoon of the 26th, 3 tornadoes touched down, one each in Madison, Shelby, and Randolph Counties.

The tornadoes and severe thunderstorms occurred mainly in rural and sparsely settled areas, and no injuries or fatalities were reported.

C. C. Wooden, Acting
ESSA-Weather Bureau State Climatologist
Weather Bureau Office
Dannelly Field
R. F. D. 2
Montgomery, Alabama 36108

EVAPORATION AND WIND

ALABAMA
APRIL 1970

Station	Day Of Month																															Total Of Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05																																	
MARTIN DAM	EVAP	.17	.28	.22	.12	.18	.02	.34	.31	.04	.18	.00	.09	.09	.25	.12	-	-	.10	.21	-	.02	.20	.20	.14	.12	-	.33	.16	.11	.23		
	WIND	15	37	26	1	8	16	10	5	2	1	3	1	1	7	8	1	1	1	21	5	1	3	1	3	1	2	1	1	0	1	4.888	
																																184	
* * * PRAIRIE 06																																	
OEMOPOLIS LOCK AND DAM	EVAP	.15	.33	.21	.17	.11	.13	.31	.25	.27	.11	.04	.05	.08	.17	.22	.21	.07	.12	.20	.11	.23	.22	.28	.22	.13	.10	.03	.14	.22	.17		
	WIND	41	224	106	11	10	44	60	25	65	53	23	61	21	65	54	41	39	48	62	104	64	26	91	86	35	66	38	77	77	18	5.05	
	MAX	86	85	75	82	81	78	82	85	85	72	78	66	81	86	84	82	72	82	89	79	85	90	90	91	78	82	81	88	91	94	1729	
	MIN	52	52	44	43	44	46	46	47	48	47	47	47	48	47	54	54	61	64	66	60	58	62	70	70	66	65	70	70	73	73	82.7	
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.03	-	.17	.15	.14	.24	.18	.19	.14	.07	.07	.14	.15	.17	.06	.20	.17	.20	.15	.17	.19	.23	.17	.15	.22	.11	.10	.17	-	.22		
	WIND	30	68	30	13	20	39	24	12	19	5	10	29	21	20	10	11	16	13	45	26	11	21	13	13	8	6	2	8	1	3	4.668	
	MAX	86	86	79	81	85	84	88	88	91	88	74	89	92	87	87	91	96	98	90	96	96	101	96	96	95	97	91	101	104	101	547	
	MIN	69	62	47	53	62	54	56	58	61	66	61	61	75	63	55	60	67	70	70	63	63	74	73	73	70	72	75	74	78	70	91.1	
																																	65.2

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 5-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

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EVAPORATION AND WIND

ALABAMA
MAY 1970

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEQMONT PLATEAU 05																																	
MARTIN DAM	EVAP	.22	.08	.07	.13	.23	.27	.25	.19	.30	.21	.23	.23	.22	.17	.13	.27	.28	.24	.24	.32	.14	.24	-	-	-	-	.16	.20	.13	.08	.12	6.198
	WIND	1	1	23	16	4	6	10	0	3	6	2	2	2	0	0	5	30	14	4	0	2	0	1	2	0	0	9	1	4	3	2	153
* * * PRAIRIE 06																																	
MEMPHIS LOCK AND DAM	EVAP	.29	.12	.10	.02	.19	.26	.26	.25	.28	.21	.26	.16	.14	.14	-	.19	.18	.25	.21	.17	.24	.27	.29	.25	.27	.27	.33	.31	.36	.14	.11	6.748
	WIND	58	36	101	64	59	9	34	9	30	57	49	29	28	27	17	12	67	84	41	21	22	22	11	15	16	15	41	27	57	45	61	1164
	MAX	93	90	71	60	80	81	86	88	87	85	88	89	92	92	97	95	83	88	91	94	94	95	96	101	97	98	95	96	95	90	88	89.5
	MIN	71	70	56	48	53	57	64	66	67	65	65	68	62	61	62	68	62	60	58	65	65	65	66	70	71	71	70	64	70	70	70	64.5
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.15	.11	.00	.12	.22	.28	.22	.23	.17	.28	.11	.15	.19	.22	.22	.19	.19	.25	.06	.09	.17	.42	.14	.24	.08	.24	.19	.18	.13	.03	.20	5.47
	WIND	4	4	16	21	8	8	6	3	2	2	8	7	16	15	17	9	26	17	4	7	7	12	13	16	19	41	15	10	11	8	18	370
	MAX	99	87	78	84	90	93	96	100	96	98	89	96	98	97	96	96	91	97	95	94	98	101	98	98	97	100	98	94	94	90	94	94.6
	MIN	70	67	59	50	55	63	65	66	66	65	66	64	67	82	81	73	67	64	71	67	68	69	68	75	70	72	74	73	73	72	72	68.2

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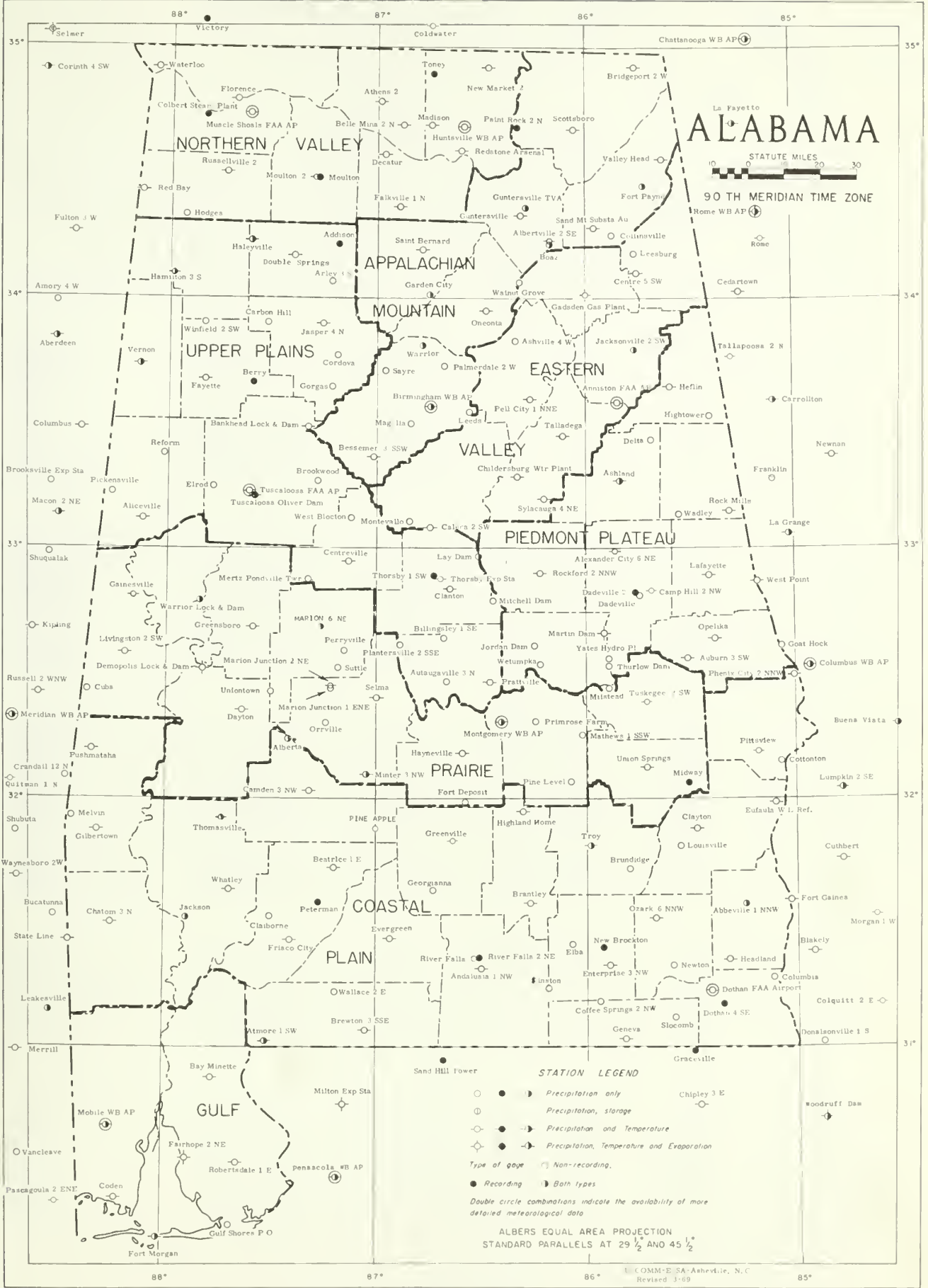
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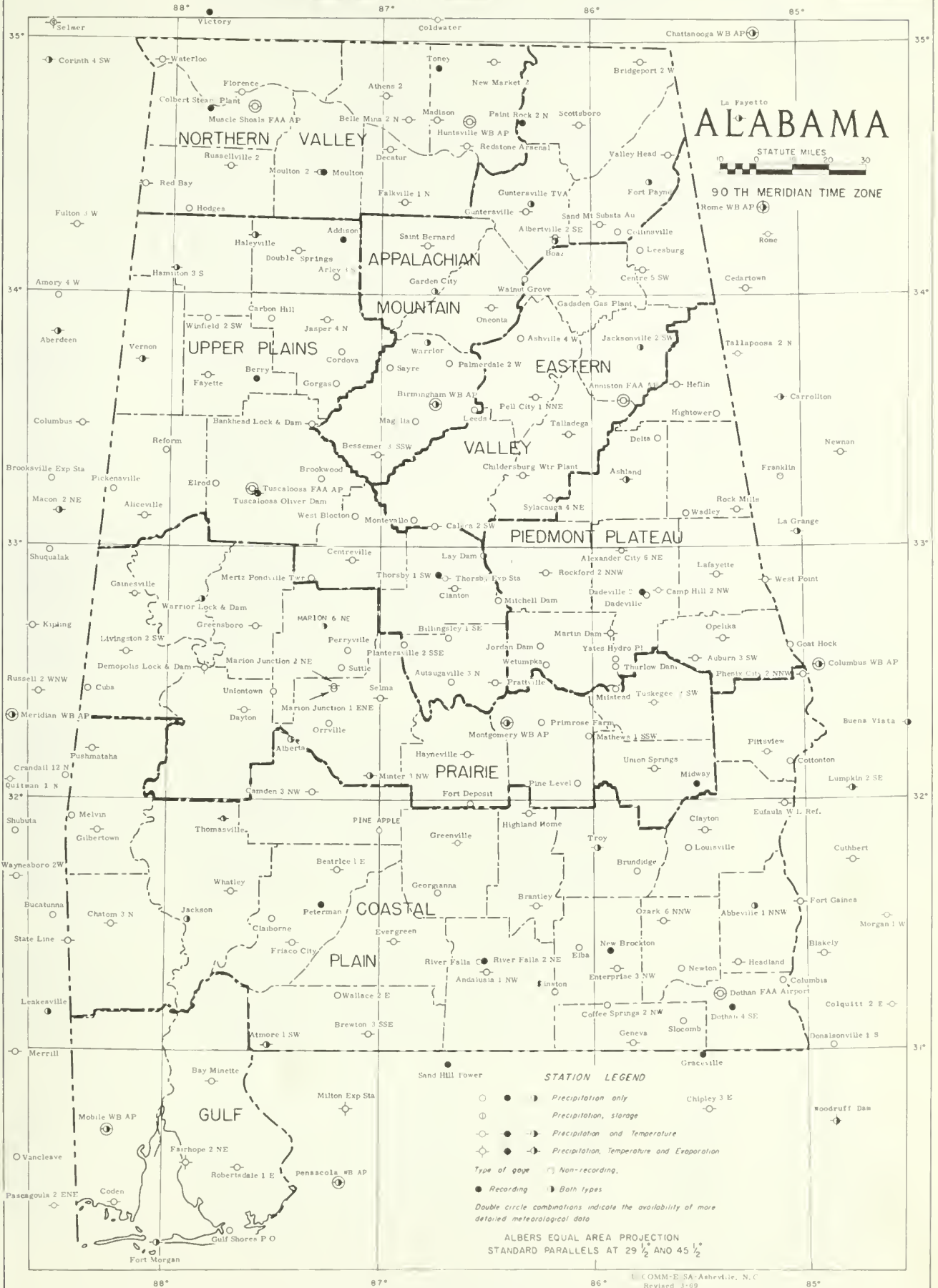
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ALABAMA

STATUTE MILES
0 20 30

90 TH MERIDIAN TIME ZONE



88°

87°

86°

85°

ALABAMA - JUNE 1970

SPECIAL WEATHER SUMMARY

A cool front and associated low pressure trough moved very slowly across the Central Gulf States early in the month and produced torrential rains over portions of south and central Alabama. During the period June 1 - 4 as much as 17 inches of rain fell in Escambia County, with 12 inches or more in Covington, Conecuh, Geneva, Coffee, and Crenshaw Counties. The bulk of this rain fell in less than 24 hours in many locations,

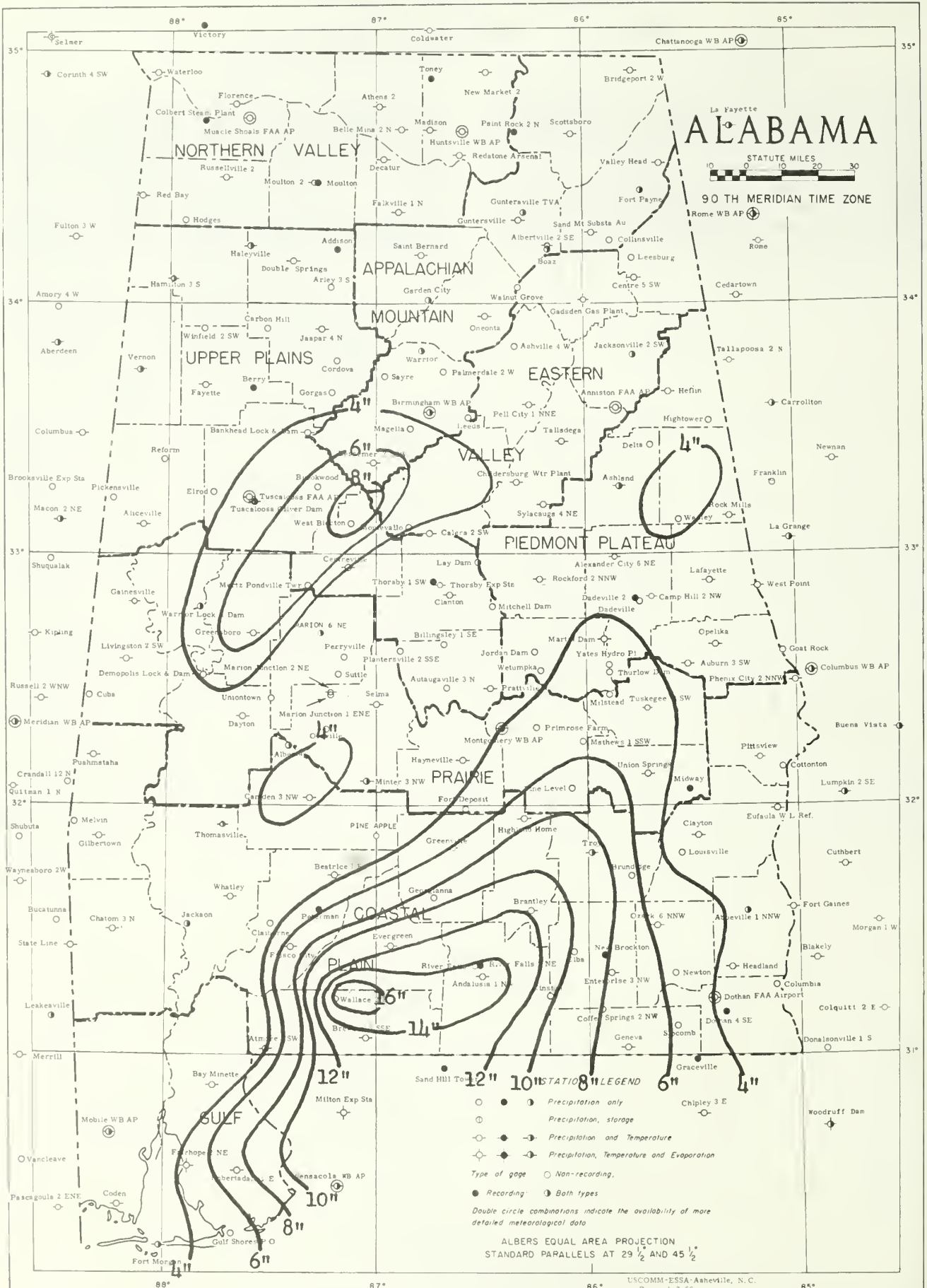
mainly on the 3d and 4th. Andalusia reported 8.58 inches, River Falls 8.00 inches, Coffee Springs 7.35 inches and Elba, Brantley, and Pine Level more than 6 inches on the 4th. Near Wallace 9.50 inches was reported on the 1st.

The rains caused extensive damage to crops, farmland, and public roads, with damage in excess of half a million dollars.

C. C. Wooden, Acting
ESSA-Weather Bureau State Climatologist
Weather Bureau Office
Dannelly Field
RFD 2
Montgomery, Alabama 36108

TOTAL PRECIPITATION

JUNE 1 - 4, 1970



EVAPORATION AND WIND

ALABAMA
JUNE 1970

Station		Day Of Month																															Total for Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEDMONT PLATEAU 05 MARTIN DAM	EVAP	.17	.23	-	.12	.21	.18	.17	.24	.15	.17	.19	-	.10	.30	.18	.22	.24	.32	.35	*	.29	.21	.12	.25	.09	.18	.19	.25	.41	.04	5.978	
	WIND	86	54	39	15	35	60	38	30	21	5	2	13	29	47	16	31	12	6	6	17	36	11	15	27	14	17	39	43	28	33		
* * * PRAIRIE 06 MEMPHIS LOCK AND DAM	EVAP	.23	.24	.08	.03	.30	.25	.22	.20	.25	.26	.14	.24	.16	.16	.22	.24	.21	.24	.23	.23	.32	.19	.23	.25	.14	.25	.22	.06	.10	.33	6.22 825 94.5 71.1	
	WIND	86	54	39	15	35	60	38	30	21	5	2	13	29	47	16	31	12	6	6	17	36	11	15	27	14	17	39	43	28	33		
	MAX	87	84	83	78	84	86	81	90	94	96	90	96	95	99	101	91	101	103	103	104	103	102	106	101	96	98	99	92	98	94		
	MIN	71	72	71	69	73	65	65	62	65	69	70	71	72	73	71	74	73	75	76	77	72	70	77	71	73	73	73	70	70	70		
* * * GULF 08 FAIRHOPE 2 NF	EVAP	.11	-	-	.25	.30	.24	.31	.14	.26	.18	.15	.25	.31	.33	.11	.25	-	.16	.29	.31	.22	.22	.27	.06	.03	.14	.28	.26	.26	.28	6.638 682 97.9 74.0	
	WIND	20	18	9	23	51	16	53	17	16	6	12	14	31	23	12	12	13	20	34	35	23	18	19	7	10	43	61	31	17	18		
	MAX	93	90	87	96	92	90	93	95	99	98	102	102	104	103	96	102	105	101	104	104	100	100	104	92	86	96	102	101	100	100		
	MIN	72	74	70	67	70	71	65	68	70	74	69	72	76	88	73	74	74	74	78	79	78	77	77	75	74	74	79	77	76	75		

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1970
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	-10 or More	.50 or More	1.00 or More
										30° or Above	31° or Below	31° or Below	0° or Below										
DECEMBER 1969 MADISON	51.0	31.4	41.2	- 2.4	68	30	22	20	731	0	0	21	0	11.22	6.11	3.85	30	T	0		9	6	6
JANUARY 1970 GUNTERSVILLE	45.6	25.3	35.5		73	29	1	9	909	0	5	26	0	.84		.32	26		0		4	0	0
HEFLIN	46.2	21.3	33.8		73	29	0	9	961	0	5	27	1	2.10		1.50	25		0		2	2	1
JASPER 4 N	47.3	24.1	35.7		71	28	2	9	900	0	4	24	1	2.05		.75	11	T	0		4	2	0
MADISON	46.0	25.5	35.8	- 6.9	70	29	1	9	900	0	6	24	1	2.16	- 3.40	.87	29	5.6	T	11+	5	2	0

DAILY PRECIPITATION

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1969 MADISON	11.22					.30	1.10			.30	.18							.06			1.20	1.01			1.22	T		T	2.00	3.85	T		
JANUARY 1970 GUNTERSVILLE	.84				.10					.30	.10												.02			1.50	.32						
HEFLIN	2.10					.57	.03			.75								.22	.02	.08		T			1.50	.07			T	.60			
JASPER 4 N	2.05					.35	T	T		.52	T							.19		T				.06	.07	.17				.87	.08	.25	
MADISON	2.16	.01		T		.35	T	T		.52	T							.19		T				.06	.07	.17				.87	.08	.25	
MARCH 1970 FORT PAYNE	5.93				.07	.10						.31	.06	T																			
HOOGES	6.08	.10		.07	.85	.07						.50	.10					.62	.47	2.15	.39	.66	T	.06	.07	.03	.34		.07		T		
APRIL 1970 HOOGES	11.85	1.03	2.24									.20	.45					2.00	.87		1.10			.54	.40	1.72	1.30						

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
JUNE 1970
DELAYED DATA

Station		Day of Month																														Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	
* * * DECEMBER 1969																																		
MADISON	MAX	49	50	52	50	46	46	45	44	50	50	50	46	62	56	53	47	52	61	49	46	43	42	55	44	46	46	46	57	67	68	64	51.0	
	MIN	30	26	32	30	36	40	32	30	30	39	38	28	26	32	31	26	24	27	29	22	34	31	28	24	35	29	25	38	50	36	36	31.4	
* * * JANUARY 1970																																		
GUNTERSVILLE	MAX	45	49	49	47	46	45	28	20	23	29	34	36	46	49	56	54	53	53	37	32	34	35	36	50	49	66	68	66	73	52	53	45.6	
	MIN	32	21	22	25	27	28	8	6	1	6	24	32	28	20	29	31	30	37	27	22	25	10	28	30	34	38	32	43	40	28	21	25.3	
HEFLIN	MAX	59	45	46	48	47	47	37	29	22	26	31	33	31	47	57	55	50	51	52	38	35	39	37	39	54	46	69	71	73	65	52	46.2	
	MIN	29	14	16	19	20	21	10	10	0	1	4	24	25	13	16	27	33	34	30	30	12	12	18	22	30	38	31	32	41	32	15	21.3	
JASPER 4 N	MAX	44	51	42	51	49	40	28	25	32	34	37	38	51	55	57	60	52	49	38	33	30	37	38	57	65	67	68	71	62	54	52	47.3	
	MIN	31	16	24	15	25	26	7	6	-2	4	26	33	28	17	29	31	41	38	29	29	14	19	29	35	35	34	28	34	15	28	24	24.1	
MADISON	MAX	38	47	40	48	49	46	26	18	27	30	40	38	46	54	58	59	54	50	44	32	26	33	37	56	62	62	67	66	70	49	53	46.0	
	MIN	27	24	27	22	29	17	8	5	-1	5	26	28	28	26	39	42	43	30	25	17	5	13	29	30	42	42	30	45	37	27	22	25.5	

SNOWFALL AND SNOW ON GROUND

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * * DECEMBER 1969																																			
MADISON	SNOWFALL SN DN GND										T													T				T	T					T	
* * * JANUARY 1970																																			
JASPER 4 N	SNOWFALL SN DN GND										T														T										
MADISON	SNOWFALL SN DN GND										2.4	T																							

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
MARCH 1970	CLIMATOLOGICAL DATA	NORTHERN VALLEY 01	DIVISION	TEMPERATURE DEPARTURE FROM NORMAL -2.3
APRIL 1960	CLIMATOLOGICAL DATA	NORTHERN VALLEY 01	DIVISION	TEMPERATURE DEPARTURE FROM NORMAL 2.0; PRECIPITATION DEPARTURE FROM NORMAL 5.58

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Rightest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- W Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

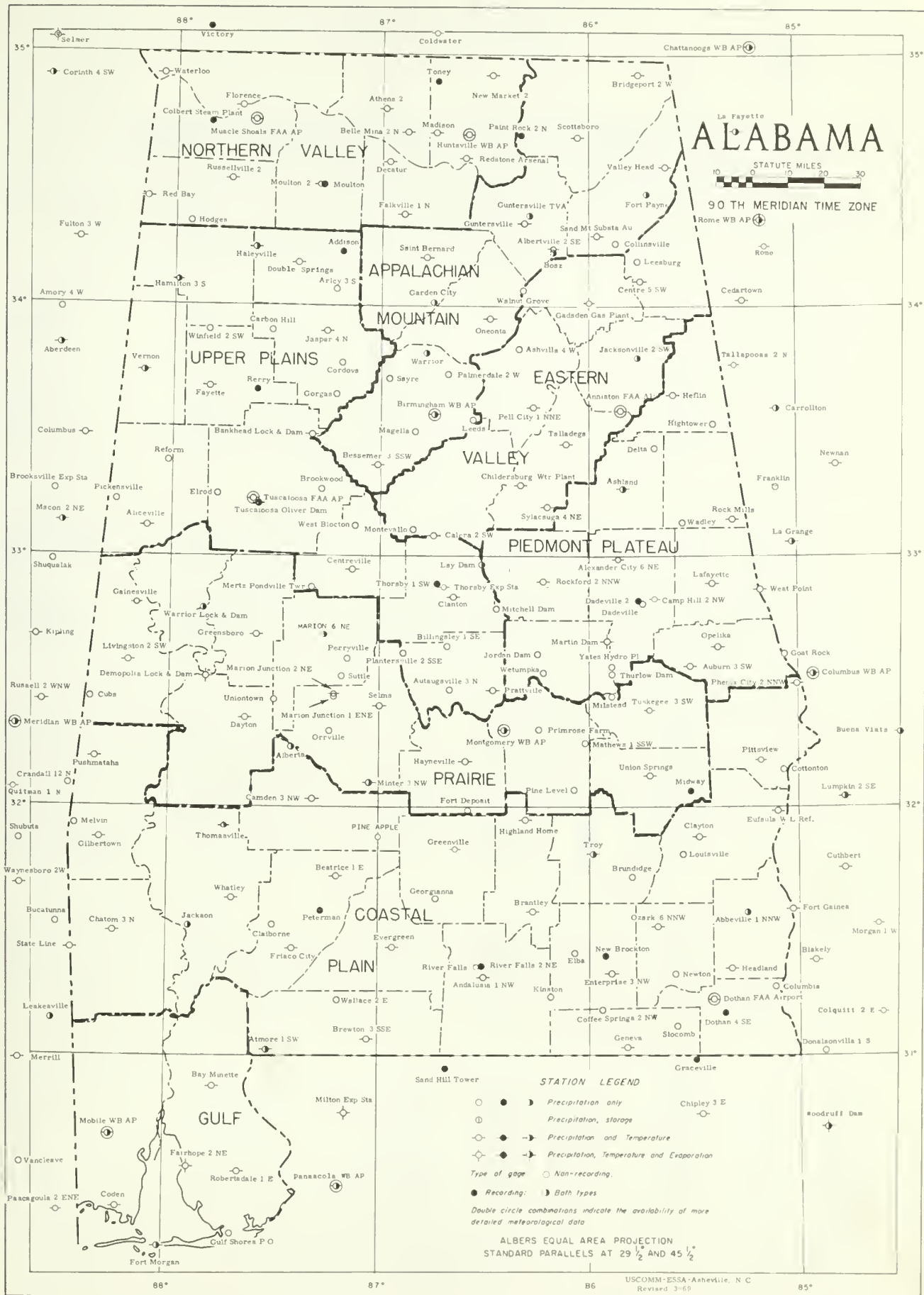
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



ALABAMA

STATUTE MILES
0 10 20 30

90 TH MERIDIAN TIME ZONE

STATION LEGEND

- ● ↗ Precipitation only
- ⊕ Precipitation, storage
- ● ↗ Precipitation and Temperature
- ● ↗ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording.
- Recording: ● Both types

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Table with columns for Station, Temperature (Average Maximum, Average Minimum, Average, Departure From Normal, Highest, Date, Lowest, Date, Degree Days, No. of Days, Total, Departure From Normal, Greatest Day, Date), and Precipitation (Total, Max. Depth on Ground, Date, No. of Days).

EXTREMES

Table listing extreme values: HIGHEST TEMPERATURE PHENIX CITY 2 NNW (105 OATE 04), LOWEST TEMPERATURE TUSCALOOSA OLIVER OAM (44 OATE 23), GREATEST TOTAL PRECIPITATION LAFAYETTE (11.62), LEAST TOTAL PRECIPITATION GULF SHORES P O (T), GREATEST 1 DAY PRECIPITATION ABBEVILLE 1 NNW (3.64 OATE 17).

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
NORTHERN VALLEY	01													
ATHENS 2	SNOWFALL 1 IN ON GD					-	-	-						-
BELLE MINA 2 N	SNOWFALL 1 IN ON GD					T	.5	2.5	1.0					4.0
DECATUR	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
FALKVILLE 1 N	SNOWFALL 1 IN ON GD							1.5 4						1.5 4
FLORENCE	SNOWFALL 1 IN ON GD					.1	-	1.1	.5					-
HOOGES	SNOWFALL 1 IN ON GD							-	-					-
HUNTSVILLE WB AP	SNOWFALL 1 IN ON GD					.1	T	3.3 2	.9 1					4.3 3
MADISON	SNOWFALL 1 IN ON GD					.1	T	5.6	-					-
MOULTON 2	SNOWFALL 1 IN ON GD					T	T	6.0 5	.1	T				6.1 5
MUSCLE SHOALS FAA AP	SNOWFALL 1 IN ON GO					.3	T	.1	1.5 1	T				1.9 1
NEW MARKET 2	SNOWFALL 1 IN ON GO					T	T	.5 1	T					.5 1
REGO BAY	SNOWFALL 1 IN ON GO							T	T					T
REOSTONE ARSENAL	SNOWFALL 1 IN ON GO					T	T	3.0 5	1.0					4.0 5
RUSSELLVILLE 2	SNOWFALL 1 IN ON GO						T	2.5 -	T					2.5 -
WATERLOO	SNOWFALL 1 IN ON GO					T	T	2.0						2.0
* * *														
APPALACHIAN MOUNTAINS	02													
ALBERTVILLE 2 SE	SNOWFALL 1 IN ON GD						T	4.0 3	.5 1					4.5 4
BESSEMER 3 SSW	SNOWFALL 1 IN ON GD					T	T	1.1 1	T	T				1.1 1
BIRMINGHAM WB AP	SNOWFALL 1 IN ON GO					T	T	1.7	.1	T				1.8
BOAZ	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIEGEPOR 2 W	SNOWFALL 1 IN ON GO						-	-	T					-
COLLINSVILLE	SNOWFALL 1 IN ON GD					T		T	T					T
FORT PAYNE	SNOWFALL 1 IN ON GD					T		-	-					-
GAROEN CITY	SNOWFALL 1 IN ON GO													-
GUNTERSVILLE	SNOWFALL 1 IN ON GO													-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LEEDS	SNOWFALL 1 IN ON GD					T		T						T
MAGELLA	SNOWFALL 1 IN ON GD													
ONEONTA	SNOWFALL 1 IN ON GD					1.0		2.0 2	1.0					4.0 2
PALMERDALE 2 W	SNOWFALL 1 IN ON GD					1.5	T	1.0 1						2.5 1
SAINT BERNARD	SNOWFALL 1 IN ON GD					.2	T	1.4 -	.7	T				2.3 -
SAND MT SUBSTA AU	SNOWFALL 1 IN ON GD							4.5 1	T					4.5 1
SAYRE	SNOWFALL 1 IN ON GD					.3		3.0 -						3.3 -
SCOTTSBORD	SNOWFALL 1 IN ON GD							-	T					-
VALLEY HEAD	SNOWFALL 1 IN ON GD					T	1.7	8.4 12	T	T				10.1 12
WARRIOR	SNOWFALL 1 IN ON GD					.5 1		T	T					.5 1
* * *														
UPPER PLAINS	03													
ALICEVILLE	SNOWFALL 1 IN ON GD													
ARLEY 3 S	SNOWFALL 1 IN ON GD							2.0 1						2.0 1
AUTAUGAVILLE 3 N	SNOWFALL 1 IN ON GD													
BANKHEAD LOCK AND DAM	SNOWFALL 1 IN ON GD							-						-
BILLINGSLEY 1 SE	SNOWFALL 1 IN ON GD							.3						.3
BROOKWOOD	SNOWFALL 1 IN ON GD					T		T						T
CARBON HILL	SNOWFALL 1 IN ON GD							3.5						3.5
CENTREVILLE	SNOWFALL 1 IN ON GD							-						-
CLANTON	SNOWFALL 1 IN ON GD							T						T
CORDOVA	SNOWFALL 1 IN ON GD							T	T					T
DOUBLE SPRINGS	SNOWFALL 1 IN ON GD					T	T	3.8						3.8
ELROD	SNOWFALL 1 IN ON GD													
FAYETTE	SNOWFALL 1 IN ON GD													
GORGAS	SNOWFALL 1 IN ON GD													
HALEYVILLE	SNOWFALL 1 IN ON GD					T	.3	3.0 2	T					3.3 2
HAMILTON 3 S	SNOWFALL 1 IN ON GD					T	T	1.5 2	T	T				1.5 2

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
JASPER 4 N	SNOWFALL 1 IN ON GD					T	T	T						T
LAY DAM	SNOWFALL 1 IN ON GD													
MERTZ PONDVILLE TOWER	SNOWFALL 1 IN ON GD													
MITCHELL DAM	SNOWFALL 1 IN ON GD													
PICKENSVILLE	SNOWFALL 1 IN ON GD							T						T
PLANTERSVILLE 2 SSE	SNOWFALL 1 IN ON GD													
PRATTVILLE	SNOWFALL 1 IN ON GD							T						T
REFORM	SNOWFALL 1 IN ON GD							T						T
THORSBY EXP STATION	SNOWFALL 1 IN ON GD							T						T
TUSCALOOSA FAA AP	SNOWFALL 1 IN ON GD					T		T	T					T
TUSCALOOSA OLIVER DAM	SNOWFALL 1 IN ON GD							.5						.5
VERNON	SNOWFALL 1 IN ON GD							T						T
WEST BLOCTON	SNOWFALL 1 IN ON GD													
WINFIELD 2 SW	SNOWFALL 1 IN ON GD					T		6.0	T					6.0
* * *								-						-
EASTERN VALLEY 04														
ANNISTON FAA AP	SNOWFALL 1 IN ON GD					T	T	.1	T	T				.1
ASHVILLE 4 W	SNOWFALL 1 IN ON GD													
CALERA 2 SW	SNOWFALL 1 IN ON GD							.6						.6
CENTRE 5 SW	SNOWFALL 1 IN ON GD					T		4.0	T					4.0
CHILDERSBURG WTR PLANT	SNOWFALL 1 IN ON GD							6						6
GADSDEN GAS PLANT	SNOWFALL 1 IN ON GD							T						T
JACKSONVILLE 2 SW	SNOWFALL 1 IN ON GD					1.0		-	T					-
LEESBURG	SNOWFALL 1 IN ON GD					1.0		2.2						3.2
MONTEVALLO	SNOWFALL 1 IN ON GD					T		1.0						1.0
PELL CITY 1 NNE	SNOWFALL 1 IN ON GD					.5								.5
SYLACAUGA 4 NE	SNOWFALL 1 IN ON GD							T	T					T
TALLADEGA	SNOWFALL 1 IN ON GD					.5		T						.5

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
WALNUT GROVE	SNOWFALL 1 IN ON GD													
* * *														
PIEDMONT PLATEAU D5														
ALEXANDER CITY	SNOWFALL 1 IN ON GD							1.0						1.0
ALEXANDER CITY 6 NE	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
ASHLAND	SNOWFALL 1 IN ON GD						.3		T					-
AUBURN 3 SW	SNOWFALL 1 IN ON GD													-
CAMP HILL 2 NW	SNOWFALL 1 IN ON GD							T						T
DADEVILLE	SNOWFALL 1 IN ON GD													
DELTA	SNOWFALL 1 IN ON GD													
HEFLIN	SNOWFALL 1 IN ON GD													
HIGHTOWER	SNOWFALL 1 IN ON GD													
JORDAN DAM	SNOWFALL 1 IN ON GD													
LAFAYETTE	SNOWFALL 1 IN ON GD							T						T
MARTIN DAM	SNOWFALL 1 IN ON GD													
OPELIKA	SNOWFALL 1 IN ON GD							T						T
ROCKFORD 2 NNW	SNOWFALL 1 IN ON GD							1.0 1						1.0 1
ROCK MILLS	SNOWFALL 1 IN ON GD					T								T
THURLOW DAM	SNOWFALL 1 IN ON GD													
WADLEY	SNOWFALL 1 IN ON GD													
WETUMPKA	SNOWFALL 1 IN ON GD													
YATES HYDRO PLANT	SNOWFALL 1 IN ON GD													
* * *														
PRAIRIE D6														
CUBA	SNOWFALL 1 IN ON GD													
DAYTON	SNOWFALL 1 IN ON GD													
DEMOPOLIS LOCK AND DAM	SNOWFALL 1 IN ON GD													
FORT DEPOSIT	SNOWFALL 1 IN ON GD					-	-	-						-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
GAINESVILLE	SNOWFALL 1 IN ON GD							.4	T					.4
GREENSBORO	SNOWFALL 1 IN ON GD													
HAYNEVILLE	SNOWFALL 1 IN ON GD													
LIVINGSTON 2 SW	SNOWFALL 1 IN ON GD							T						T
MARION 6 NE	SNOWFALL 1 IN ON GD													
MARION JUNCTION 1 ENE	SNOWFALL 1 IN ON GD					-	-	-	-	-	-	-	-	-
MARION JUNCTION 2 NE	SNOWFALL 1 IN ON GD													
MATHEWS 1 SSW	SNOWFALL 1 IN ON GD													
MILSTEAD	SNOWFALL 1 IN ON GD													
MINTER 3 NW	SNOWFALL 1 IN ON GD													
MONTGOMERY WB AP	SNOWFALL 1 IN ON GD						T	T						T
ORRVILLE	SNOWFALL 1 IN ON GD													
PERRYVILLE	SNOWFALL 1 IN ON GD							T						T
PINE LEVEL	SNOWFALL 1 IN ON GD													
SELMA	SNOWFALL 1 IN ON GD													
SUTTLE	SNOWFALL 1 IN ON GD													
TUSKEGEE 3 SW	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
UNION SPRINGS	SNOWFALL 1 IN ON GD													
UNIONTOWN	SNOWFALL 1 IN ON GD													
WARRIOR LOCK AND DAM	SNOWFALL 1 IN ON GD													
* * *														
COASTAL PLAIN	07													
ABBEVILLE 1 NNW	SNOWFALL 1 IN ON GD							T						T
ALBERTA	SNOWFALL 1 IN ON GD													
ANDALUSIA 1 NW	SNOWFALL 1 IN ON GD													
ATHORE 1 SW	SNOWFALL 1 IN ON GD													
BEATRICE 1 E	SNOWFALL 1 IN ON GD													
BRANTLEY	SNOWFALL 1 IN ON GD													

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
BREWTON 3 SSE	SNOWFALL 1 IN ON GD													
BRUNDIDGE	SNOWFALL 1 IN ON GD						T							T
CAMDEN 3 NW	SNOWFALL 1 IN ON GD						T							T
CHATOM 3 N	SNOWFALL 1 IN ON GD													
CLAIBORNE	SNOWFALL 1 IN ON GD													
CLAYTON	SNOWFALL 1 IN ON GD													
COFFEE SPRINGS 2 NW	SNOWFALL 1 IN ON GD							T						T
COTTONTON	SNOWFALL 1 IN ON GD													
DOTHAN FAA AIRPORT	SNOWFALL 1 IN ON GD							-	-	-	-	-	-	-
ELBA	SNOWFALL 1 IN ON GD													
ENTERPRISE 3 NW	SNOWFALL 1 IN ON GD													
EUFULA WILDLIFE REF	SNOWFALL 1 IN ON GD													
EVERGREEN	SNOWFALL 1 IN ON GD													
FRISCO CITY	SNOWFALL 1 IN ON GD													
GENEVA	SNOWFALL 1 IN ON GD													
GEORGIANNA	SNOWFALL 1 IN ON GD													
GILBERTOWN	SNOWFALL 1 IN ON GD													
GREENVILLE	SNOWFALL 1 IN ON GD													
HEADLAND	SNOWFALL 1 IN ON GD													
HIGHLAND HOME	SNOWFALL 1 IN ON GD													
KINSTON	SNOWFALL 1 IN ON GD													
LOUISVILLE	SNOWFALL 1 IN ON GD													
MELVIN	SNOWFALL 1 IN ON GD													
NEWTON	SNOWFALL 1 IN ON GD							-						-
OZARK 6 NNW	SNOWFALL 1 IN ON GD													
PHENIX CITY 2 NNW	SNOWFALL 1 IN ON GD							T						T
PINE APPLE	SNOWFALL 1 IN ON GD													
PITTSVIEW	SNOWFALL 1 IN ON GD													

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1969 - 1970

ALABAMA

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
RIVER FALLS	SNOWFALL 1 IN ON GD													
SLOCUMB	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
THOMASVILLE	SNOWFALL 1 IN ON GD													
TROY	SNOWFALL 1 IN ON GD													
WALLACE 2 E	SNOWFALL 1 IN ON GD													
WHATLEY	SNOWFALL 1 IN ON GD													
* * *														
GULF	OB													
BAY MINETTE	SNOWFALL 1 IN ON GD													
CODEN	SNOWFALL 1 IN ON GD													
FAIRHOPE 2 NE	SNOWFALL 1 IN ON GD													
FORT MORGAN	SNOWFALL 1 IN ON GD													
GULF SHORES P D	SNOWFALL 1 IN ON GD													
MOBILE WB AIRPORT	SNOWFALL 1 IN ON GD													
ROBERTSDALE 1 E	SNOWFALL 1 IN ON GD													

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
JULY 1970

Table with columns: Station, Day of Month (1-31), MAX, MIN, and Average. Rows include stations like NORTHERN VALLEY, ATHENS, BELLE MINA, FALKVILLE, FLORENCE, HUNTSVILLE, MAOISON, HOULTON, MUSCLE SHOALS, NEW MARKET, RED BAY, REOSTONE, RUSSELLVILLE, WATERLOO, APPALACHIAN MOUNTAINS, ALBERTVILLE, BESSEMER, BIRMINGHAM, BRIDGEPORT, GUNTERSVILLE, ONEONTA, SAINT BERNARD, SAND MT SUBSTA, SCOTTSBORO, VALLEY HEAD, UPPER PLAINS, ALICEVILLE, BANKHEAD, CENTREVILLE, CLANTON, ODOUBLE SPRINGS, FAYETTE, HALEYVILLE, HAMILTON, JASPER, and PRATTVILLE.

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA JULY

1970

Continued

Table with columns for Station, Day of Month (1-31), and Average. Rows include stations like THORSBY EXP STATION, TUSCALOOSA FAA AP, TUSCALOOSA OLIVER OAM, VERNON, EASTERN VALLEY 0-, ANNISTON FAA AP, CALERA 2 SW, CENTRE 5 SW, CHILOERSBURG WTR PLANT, GAOSSEN GAS PLANT, PELL CITY 1 NNE, SYLACAUGA 4 NE, TALLAOEGA, PIEDMONT PLATEAU 05, ALEXANDER CITY, ASHLAND, AUBURN 3 SW, CAMP HILL 2 NW, HEFLIN, LAFAYETTE, MARTIN OAM, OPELIKA, ROCKFORD 2 NNW, ROCK MILLS, PRAIRIE 06, DAYTON, OMOPOULS LOCK AND OAM, GAINESVILLE, GREENSBORO, HAYNEVILLE, LIVINGSTON 2 SW, MARION JUNCTION 2 NE, MINTER 3 NW, MONTGOMERY W8 AP, SELMA, and TUSKEGEE 3 SW.

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1969 - 1970

ALABAMA

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
NORTHERN VALLEY 01														
ATHENS 2	0	0	20	190		792			512	148	52	0		
BELLE MINA 2 N	0	0	12	159	486	745	912	630	450	100	25	0	3519	
OECATUR														2904
FALKVILLE 1 N	0	0	31	188	543	800	943	703	484	151	44	1	3888	
FLORENCE	0	0	11	186	521	794	948	651	496	120	28	0	3755	
HUNTSVILLE W8 AP	0	0	9	142	502	728	902	679	466	99	25	0	3552	3070
MAOISON	0	0	8	129	500	731	900							3143
MOULTON 2	0	0	5	145	466	728	888	615	455	102	25	0	3429	
MUSCLE SHOALS FAA AP	0	0	5	160	480	715	848	573	400	76	30	0	3287	
NEW MARKET 2	0	0	21	166	536	802	999	680	426	127	37	1	3795	
REO BAY	0	0	1	168	460	749	897	641	482	118	31	0	3547	
REOSTONE ARSENAL	0	0	17	181	547	794	937	701	526	125	35	1	3864	
RUSSELLVILLE 2	0	0	28	212	549	779	969	721	528	161	83	3	4033	
WATERLOO	0	0	8	163	480	771	933	630	500	116	30	0	3631	
* * *														
APPALACHIAN MOUNTAINS 02														
ALBERTVILLE 2 SE	0	0	9	151	487	775	924	609	426	119	28	0	3528	3220
BESSEMER 3 SSW	0	0	7	114	442	671	814	547	373	80	20	1	3069	
BIRMINGHAM W8 AP	0	0	4	110	443	663	830	568	377	91	23	0	3109	2551
BRIOGEPDPT 2 W	0	0	18	165	541	793	962	656	460	139	43	1	3778	
GUNTERSVILLE	0	0	2	109	428	741	909	653				0		
ONEONTA	0	0	18	169	523	761	925	675	481	138	40	2	3732	
SAINT BERNARD	0	0	10	179	543	781	966	713	497	148	44	0	3881	3211
SAND MT SUBSTA AU	0	0	26	172	529	782	918	611	429	115	29	0	3611	
SCOTTSBORO	0	1	38	186	558	807	989	706	509	152	42	2	3990	3096
VALLEY HEAD	0	0	50	218	637	901	1058	802	589	221	79	10	4565	3349
* * *														
UPPER PLAINS 03														
ALICEVILLE	0	0	0	70	421	671	840	609	369	79	17	0	3076	
BANKHEAD LOCK AND OAM	0	0	2	119	437	660	850	632	400	92	22	2	3216	
CENTREVILLE	0	0	5	106	461	680	852	601	405	84	27	0	3221	2448
CLANTON	0	0	2	97	442	654	857	604	386	89	24	1	3156	2541
DOUBLE SPRINGS	0	0	10	195	511	765	946	686	474	140	38	3	3768	
FAYETTE	0	0	10	130	465	677	852	636	401	99	28	1	3299	
HALEYVILLE	0	0	5	170	503	766	941	679	479	117	42	0	3702	
HAMILTON 3 S	0	0	16	197	565	809	942	756	536	174	53	2	4050	
JASPER 4 N	0	0	13	167	513	741	900	553	431	104	32	1	3455	
PRATTVILLE	0	0	0	60	375	601	772	497	288	50	4	0	2647	2228
THORSBY EXP STATION	0	0	0	102	385	660	828	547	349	55	14	0	2940	
TUSCALOOSA FAA AP	0	0	0	80	414	620	786	548	347	59	16	0	2870	
TUSCALOOSA OLIVER OAM	0	0	3	107	451	668	832	558	375	76	26	5	3101	2467
VERNON	0	0	2	134	457	673	835	580	378	71	22	0	3152	
* * *														
EASTERN VALLEY 04														
ANNISTON FAA AP	0	0	4	116	470	704	871	574	396	86	20	0	3241	
CALERA 2 SW	0	0	7	86	409	636	801	570	345	92	15	2	2963	
CENTRE 5 SW	0	0	8	152	507	754	919	655	446	120	25	2	3588	
CHILBERSBURG WTR PLANT	0	0	3	109	440		805	521	345	80	19	0		
GAOSOEN GAS PLANT	0	0	4	116	464	705	874	585	419	101	16	0	3284	2893
PELL CITY 1 NNE	0	0	11	167	524	757	922		480	117	24	1		
SYLACAUGA 4 NE	0	0	10	84	442	677	786	546	365	92	17	1	3020	
TALLOEGA	0	0	9	108	450	664	807	534	357	81	20	0	3030	2542
* * *														
PIEOMONT PLATEAU 05														
ALEXANDER CITY				113	411	674	847	596	369	82	18	0		
ALEXANDER CITY 6 NE														
ASHLAND	0	0	20	167	505	748	925	521	450	99	28	1	3564	
AUBURN 3 SW	0	0	0	65	388	635	826	561	353	70	13	0	2911	2264
CAMP HILL 2 NW	0	0	9	124	487	707	896	637	405	121	28	2	3416	
HEFLIN	0	0	18	149	544	796	961	670	484	147	42	5	3816	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Continued

SEASON OF 1969 - 1970

ALABAMA

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
LAFAYETTE	0	0	15	121	385	611	809	495	312	68	10	0	2826	
MARTIN OAM	0	0	0	18	318	717	449	293	63	8	0	0		
OPELIKA	0	0	0	60	403	629	830	580	364	76	13	0	2955	
ROCKFORD 2 NNW	0	0	4	112	416	683	873	595	379	86	24	2	3174	
ROCK MILLS	0	0	7	109	490	724	911	642	460	128	25	0	3496	
* * *														
PRAIRIE	06													
OAYTON	0	0	0	103	437	621	740				18	0		
MEMPHIS LOCK AND OAM	0	0	3	106	476	638	825	584	369			0		
GAINESVILLE	0	0	2	119	453	666	821	588	368	71	28	0	3116	
GREENSBORO	0	0	0	96	388	609	772	515	339	53	12	0	2784	2098
HAYNEVILLE	0	0	6	86	449	651	779	570	369	77	25	0	3012	
LIVINGSTON 2 SW	0	0	0	98	413	623	802	567	371	80	31	0	2985	
MARION JUNCTION 2 NE	0	0	0	80	394	602	738	501	313	53	15	0	2696	
MINTER 3 NW	0	0	3	94	419	628	805	570	350	74	26	0	2969	
MONTGOMERY WB AP	0	0	0	55	374	589	760	505	297	51	13	0	2644	2291
SELMA	0	0	0	56	315	550	677	441	247	39	9	0	2334	1913
TUSKEGEE 3 SW														
UNION SPRINGS	0	0	0	77	371	591	786	523	308	60	19	0	2735	2032
* * *														
COASTAL PLAIN	07													
ANDALUSIA 1 NW	0	0	3	70	429	601	776	559	321	58	18	0	2835	
ATMORE 1 SW	0	0	0	30	300	452	631	424	241	31	8	0	2117	
BEATRICE 1 E	0	0	1	57	403	612	715	526	310	48	2	0	2674	
BRANTLEY	0	0	3	61	412	602	763	515	294	70	12	0	2732	
BREWTON 3 SSE	0	0	1	60	370	526	670	450	257	38	7	0	2379	1853
CAMDEN 3 NW	0	0	3	103	413	637	772	519	332	59	20	0	2858	
CHATON 3 N	0	0	0	58	292	472	667	433	261	26	15	0	2224	
CLAYTON	0	0	0	72	325	558	790	464	298	31	0	0	2538	
ODOTHAN FAA AIRPORT	0	0	0	23	277	490								
ENTERPRISE 3 NW	0	0	0	60	342	547	768	508	290	42	11	0	2568	
EUFULA WILDLIFE REF	0	0	0	50	372	617	797	516	287	72	11	0	2722	
EVERGREEN	0	0	0	36	299	492	717	487	267		17	0		
FRISCO CITY	0	0	0	74	347	523	735	509	288	39	22	0	2537	
GENEVA	0	0	0	16	556	747	528	299	41	9	0	0		
GILBERTOWN	0	0	2	64	377	557	692	466	301	60	22	0	2541	
GREENVILLE	0	0	0	70	387	605	779	537	344	12	17	0	2751	1859
HEADLAND	0	0	0	52	344	574	762	509	263	47	6	0	2557	
HIGHLAND HOME	0	0	0	72	357	577	798	522	331	42	14	1	2714	1918
OZARK 6 NNW	0	0	7	81	355	470	688	427	225	24	1	0	2278	1711
PHENIX CITY 2 NNW	0	0		77	485		667	524	306	55	0	0		
PITTSVIEW	0	0	1	76	446	672	848	594	372	97	17	0	3123	2222
THOMASVILLE	0	0	2	90	400	591	790	542	343	54	23	0	2835	2067
TROY	0	0	0	55	316	546	716	454	271	31	5	0	2394	1953
WHATLEY	0	0	5	105	397	584	735	518	357	61	24	2	2788	
* * *														
GULF	08													
BAY MINETTE	0	0	0	27	256	429	623	397	224	15	8	0	1979	
COOEN	0	0	0	7	218	375	626	391	169	25	4	0	1815	
FAIRHOPE 2 NE	0	0	0	19	236	389	592	388	182	19	4	0	1829	1551
FORT MORGAN	0	0	0											
MOBILE WB AIRPORT	0	0	0	20	220	345	618	375	190	14	10	0	1792	1560
ROBERTSOALE 1 E	0	0	0	44	266	431	609	433	202	22	14	0	2021	

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
JULY 1970

Station	Day Of Month																															Total Of Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PIEDMONT PLATEAU 05																																	
MARTIN DAM	EVAP	.24	.13	-	.28	.28	.29	.18	.18	.24	.20	.29	.16	.31	.23	.28	-	-	-	-	-	-	-	-	.33	.25	.25	.21	.14	-	-	-	-
PRAIRIE 06																																	
MEMPHIS LOCK AND DAM	EVAP	.54	.14	.52	.21	.24	.39	.29	.12	.23	.20	.15	.29	.40	.21	.36	.22	.21	.20	.27	.29	.03	.05	.11	.17	.28	.21	.27	.16	.16	.24		
	WIND	26	18	30	12	42	56	24	21	32	52	24	27	14	30	33	31	34	27	16	36	53	31	37	4	41	18	11	4	5	31	7	
	MAX	100	103	103	106	102	94	97	100	90	97	98	103	103	99	100	102	98	98	97	101	97	88	82	95	95	100	102	107	107	99	105	
	MIN	70	73	77	77	69	66	67	71	72	73	72	72	74	74	74	73	72	72	73	73	74	72	74	73	74	75	76	79	76	75		
GULF 08																																	
FAIRHOPE 2 NE	EVAP	.29	.28	.31	.17	.24	.24	.21	.21	.31	.29	.11	.09	.18	.08	.16	.20	.18	.32	.20	.13	.21	.15	.16	.22	.21	.30	.18	.27	.20	.21	.14	
	WIND	17	20	45	34	26	12	17	29	33	30	27	14	10	4	8	18	22	31	32	19	15	15	11	12	15	13	23	15	11	13	14	
	MAX	104	102	105	99	100	104	105	104	105	103	103	93	98	93	102	104	104	103	106	105	101	96	100	100	99	104	103	104	101	101	104	
	MIN	77	74	81	82	72	74	78	79	77	77	78	74	74	75	77	77	74	71	75	77	77	76	74	76	76	76	77	77	73	77	79	

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										30° or Above	32° or Below	37° or Below					Total	Max. Depth on Ground	Date	10 or More	30 or More	1.00 or More	
																							Max.
* * * 06																							
PRAIRIE																							
DAYTON	91.5	71.0	81.3		97	1	67	25+	0	23	0	0	0	3.80		.92	19	.0	0		8	4	0
OEMOPOLIS LOCK AND DAM	89.6	70.3	80.0		96	7	64	26+	0	17	0	0	0	4.90	1.41	1.26	5	.0	0		9	3	2
GAINESVILLE	88.0	70.9	79.5		93	3+	63	25	0	12	0	0	0	6.17		4.12	10	.0	0		6	2	1
GREENSBORO	91.1	69.2	80.2	- 1.7	96	7+	63	25	0	20	0	0	0	8.40	4.54	3.30	11	.0	0		7	4	4
HAYNEVILLE	88.5M	70.4M	79.5M		94	17+	66	26+	0	15	0	0	0	8.47		2.79	28	.0	0		12	5	1
LIVINGSTON 2 SW	91.3	69.2	80.3		96	8+	63	27+	0	24	0	0	0	4.90		1.81	10	.0	0		9	3	1
MARION JUNCTION 2 NE	89.9M	70.3M	80.1M		96	8+	64	26+	0	18	0	0	0	4.67		1.38	24	.0	0		5	4	2
MINTER 3 NW	88.2	69.4	78.8		94	2	65	14+	0	13	0	0	0	5.47		1.35	19	.0	0		8	4	2
MONTGOMERY WB AP	89.8	71.5	80.7	- 1.0	95	1	68	30+	0	20	0	0	0	3.70	-.40	.71	27+	.0	0		12	2	0
SELMA	91.3	72.4	81.9	.3	96	1	69	27	0	21	0	0	0	4.72	.35	.82	10	.0	0		12	4	0
TUSKEGEE 3 SW																							
UNION SPRINGS	89.2	70.8	80.0	- .8	96	1	68	14+	0	19	0	0	0	8.83	4.25	2.57	28	.0	0		10	7	3
DIVISION			80.2	- 1.1										5.82	1.78			.0					
* * * 07																							
COASTAL PLAIN																							
ANDALUSIA 1 NW	90.5	68.1	79.3		97	2	64	31+	0	22	0	0	0	6.80		1.66	12	.0	0		13	5	1
ATHORE 1 SW	90.4	71.3	80.9		95	2+	67	31+	0	21	0	0	0	7.90		1.57	22	.0	0		14	7	1
BEATRICE 1 E	89.4	67.8	78.6		95	17+	63	15	0	20	0	0	0	7.29		2.05	5	.0	0		10	4	2
BRANTLEY	90.5	69.5	80.0		97	2	65	13	0	20	0	0	0	7.42	2.10	1.71	9	.0	0		13	6	1
BREWTON 3 SSE	92.0	67.9	80.0	- .5	97	1	64	31	0	24	0	0	0	10.27	4.50	1.95	27	.0	0		13	6	4
CHADEN 3 NW	90.3	66.8	78.6		95	3+	60	25	0	22	0	0	0	8.62		1.66	9	.0	0		12	7	3
CHATON 3 N	90.7	66.9M	78.8M		96	1	60	25+	0	21	0	0	0	7.97		1.70	11	.0	0		11	5	2
CLAYTON	87.7	70.5	79.1		91	31+	67	15+	0	13	0	0	0	5.04	.15	1.13	9	.0	0		11	4	1
ENTERPRISE 3 NW	89.1	70.1	79.6		94	2	68	17+	0	21	0	0	0	6.30		1.12	10	.0	0		11	5	1
EUFALA WILDLIFE REF	90.6	70.6	80.6		95	31+	66	14	0	19	0	0	0	3.63		1.02	27	.0	0		6	4	1
EVERGREEN	90.4	71.5	81.0		97	3+	68	13	0	20	0	0	0	5.55		.96	8	.0	0		11	5	0
FRISCO CITY	90.4	70.2	80.3		97	17+	65	25	0	20	0	0	0	5.19	.02	1.79	24	.0	0		10	2	1
GENEVA	85.9	69.9	79.4		94	17+	68	31+	0	17	0	0	0	14.80	8.88	3.05	24	.0	0		15	8	7
GILBERTOWN	89.9	70.3	80.1		95	6	61	25	0	20	0	0	0	5.26		1.00	23	.0	0		12	3	1
GREENVILLE	88.0	70.8	79.4	- 1.7	93	7+	66	13	0	13	0	0	0	6.56	1.43	2.30	24	.0	0		8	3	3
HEADLAND	89.8	69.8	79.8		95	7+	67	19	0	20	0	0	0	12.28		4.30	9	.0	0		8	6	5
HIGHLAND HOME	90.2	70.0	80.1	- .5	97	31	67	13	0	19	0	0	0	3.02	- 1.78	.75	10	.0	0		10	1	0
OZARK 6 NNW	89.6	70.8	80.2	- .5	94	31+	68	22+	0	21	0	0	0	6.96	1.10	1.87	2	.0	0		10	5	3
PHENIX CITY 2 NNW	92.8M	69.3	81.1M		98	20	61	14	0	23	0	0	0	6.31		1.38	18	.0	0		10	6	1
PITTSVIEW	89.6	69.6	79.6		96	1	66	15+	0	19	0	0	0	6.99		1.83	2	.0	0		12	5	2
THOMASVILLE	87.4	71.3	79.4	- 1.2	93	4+	64	26+	0	11	0	0	0	7.35	2.93	3.02	10	.0	0		13	2	1
TROY	89.5	69.4	79.5	- .9	94	31+	62	26	0	19	0	0	0	8.02	2.82	2.38	5	.0	0		12	5	3
WHATLEY	91.4	69.5	80.5		97	2	64	17	0	22	0	0	0	8.07		1.95	29	.0	0		11	7	2
DIVISION			79.8	- 1.0										7.29	2.09			.0					
* * * 08																							
GULF																							
BAY MINETTE	88.6	72.5	80.6		96	1	68	25	0	17	0	0	0	11.98		1.70	9	.0	0		15	7	5
COOEN	89.3	72.9	81.1		93	6+	68	25	0	18	0	0	0	17.70		2.94	27	.0	0		15	13	8
FAIRHOPE 2 NE	89.4	72.8	81.1	- .3	95	2+	69	25	0	17	0	0	0	11.84	5.50	1.44	11	.0	0		16	9	6
FORT MORGAN																							
MOBILE WB AIRPORT	90.4	75.6	83.0	.9	96	6	71	25	0	23	0	0	0	9.20	2.76	3.78	11	.0	0		14	6	1
ROBERTSOLA 1 E	90.1	71.6	80.9		96	7	68	31+	0	23	0	0	0	10.31	3.02	1.80	11	.0	0		15	8	3
DIVISION			81.3	- .2										12.21	5.95			.0					

EXTREMES

HIGHEST TEMPERATURE				
PELL CITY 1 NNE	102	OATE	31	
LOWEST TEMPERATURE				
2 STATIONS	54	OATE	25	
GREATEST TOTAL PRECIPITATION				
COOEN	17.70			
LEAST TOTAL PRECIPITATION				
WATERLLOD	1.45			
GREATEST 1 DAY PRECIPITATION				
CLANTON	6.75	OATE	26	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

ALABAMA
AUGUST 1970

Station	Day of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
UNION SPRINGS • • •	MAX MIN	96 73	95 70	93 72	92 73	91 72	92 72	95 71	85 72	86 70	84 71	80 71	83 68	82 68	86 68	92 70	92 72	94 71	94 72	93 72	90 69	91 71	91 70	91 71	89 73	87 72	90 71	80 70	88 70	91 70	93 72	89.2 70.8	
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX MIN	95 68	97 68	96 69	94 68	92 70	92 71	93 68	94 69	92 67	83 72	84 71	87 68	84 66	90 65	94 67	91 68	94 66	95 67	93 68	92 68	91 68	92 69	90 69	92 69	89 70	87 68	87 69	83 69	87 67	92 65	94 64	90.5 68.1
ATMORE 1 SW	MAX MIN	95 72	95 72	94 74	93 74	93 74	94 74	93 72	92 71	90 71	88 75	86 75	87 72	91 67	92 69	92 72	93 70	93 70	89 70	86 70	86 70	90 72	91 74	87 74	90 74	88 71	87 71	83 70	89 71	93 70	93 67	90.4 71.3	
BEATRICE 1 F	MAX MIN	93 70	91 70	92 72	92 73	95 70	92 71	89 68	92 70	92 68	81 70	84 71	89 68	87 66	90 63	92 65	95 64	94 64	88 67	88 69	91 69	92 66	89 66	90 66	89 66	89 65	87 65	81 64	84 67	86 69	91 65	89.4 67.8	
BRANTLEY	MAX MIN	96 70	97 69	95 70	95 71	94 71	94 73	95 69	93 72	89 71	86 71	85 74	86 70	85 65	90 67	92 67	93 66	94 65	94 69	94 68	91 67	91 70	92 71	93 70	88 70	89 70	87 70	84 69	82 68	82 67	95 66	90.5 69.5	
BREWTON 3 SSE	MAX MIN	97 69	95 67	96 69	95 68	95 68	95 70	95 69	93 69	85 67	87 72	88 70	88 72	87 71	93 65	92 67	91 69	95 66	94 67	92 68	88 65	88 65	92 66	92 66	92 65	88 68	88 65	85 66	85 65	85 65	94 64	94 64	92.0 67.9
CAMDEN 3 NW	MAX MIN	95 70	95 69	94 69	94 68	93 71	93 70	91 68	91 71	88 68	82 72	85 68	87 65	89 65	92 67	94 64	94 66	90 66	88 64	88 66	91 67	90 66	87 69	87 69	90 66	87 64	80 64	87 64	90 65	93 65	90.3 66.8		
CHATMUN 3 N	MAX MIN	96 62	94 62	93 71	94 67	93 67	92 67	90 72	90 72	88 67	88 70	89 67	91 67	93 68	90 65	93 65	93 65	92 65	90 69	90 69	91 69	91 69	87 67	87 67	89 66	87 66	85 66	85 66	89 62	92 62	92 62	90.7 66.9	
CLAYTON	MAX MIN	90 71	89 70	89 71	90 71	91 71	91 75	91 74	90 69	83 71	88 69	87 69	84 67	85 68	85 67	91 72	91 70	91 71	90 70	88 70	88 69	89 72	89 72	89 71	88 71	83 71	78 68	86 70	89 71	91 72	87.7 70.5		
ENTERPRISE 3 NW	MAX MIN	91 71	94 69	93 70	92 70	91 70	91 70	92 70	91 70	82 72	83 68	85 69	83 68	90 68	91 67	91 70	92 69	92 69	91 69	91 70	89 70	91 70	89 71	91 72	86 71	86 71	83 71	86 70	89 71	92 69	89.1 70.1		
EUFULA WILDLIFE REF	MAX MIN	94 76	95 69	93 76	93 72	93 71	94 72	95 71	90 71	89 71	86 73	83 71	84 70	86 69	88 66	92 67	93 68	95 68	94 70	93 70	92 69	89 69	91 69	93 71	94 73	85 73	87 73	85 73	87 71	92 69	95 69	90.6 70.6	
EVERGREEN	MAX MIN	96 74	97 73	97 72	95 74	93 73	93 73	94 72	95 71	90 71	86 73	86 74	86 72	87 68	87 69	93 72	93 71	94 71	93 72	89 72	85 72	85 72	91 70	91 71	89 73	87 70	87 69	82 70	87 71	92 71	94 71	90.4 71.5	
FRISCO CITY	MAX MIN	95 72	97 71	97 71	94 73	92 72	92 73	95 71	95 70	90 70	84 73	86 72	88 70	87 66	90 69	92 67	97 70	94 70	85 71	85 70	91 72	88 70	88 71	92 73	88 73	85 73	88 70	81 70	84 69	92 68	94 68	90.4 70.2	
GENEVA	MAX MIN	94 69	93 68	93 69	91 69	94 69	94 69	93 71	88 71	82 73	82 72	81 70	85 69	89 70	90 69	93 69	94 68	93 68	91 68	91 70	85 68	86 69	90 68	90 68	86 71	88 71	88 71	81 72	83 71	88 68	92 68	88.9 69.9	
GILBERTOWN	MAX MIN	94 72	94 73	93 71	91 71	92 71	92 74	93 73	91 73	89 73	86 72	87 72	86 68	89 67	91 69	92 71	93 70	92 71	90 71	91 70	90 71	92 71	90 73	90 73	88 71	87 73	87 73	83 61	83 65	91 67	91 67	89.9 70.3	
GREENVILLE	MAX MIN	92 71	93 71	92 74	91 73	91 73	91 71	93 71	90 72	87 71	82 73	83 71	84 66	87 67	89 69	91 69	91 70	91 70	87 71	87 71	88 70	88 71	89 71	88 70	87 71	86 70	86 69	81 71	86 71	88 71	92 70	88.0 78.0	
HEADLAND	MAX MIN	91 72	95 68	92 71	94 72	91 69	92 71	95 73	91 68	91 72	87 71	86 69	85 69	89 69	90 70	91 70	92 69	92 69	92 69	89 69	89 69	90 69	91 69	93 69	86 68	87 68	83 70	81 70	87 68	90 68	93 69	89.8 69.9	
HIGHLAND HOME	MAX MIN	94 72	96 71	94 70	95 71	94 71	94 72	96 70	91 69	89 70	83 69	83 70	86 69	87 67	86 70	90 69	93 69	95 71	95 71	92 69	88 69	87 71	92 71	92 73	92 73	88 68	91 71	83 71	88 70	91 71	97 71	90.2 70.0	
OZARK 6 NNW	MAX MIN	94 73	93 70	92 72	91 73	92 71	92 72	90 72	88 71	79 68	89 72	85 69	85 68	91 68	91 71	92 70	93 70	90 71	90 71	91 70	89 70	91 71	88 71	86 71	86 70	83 72	83 72	85 71	92 71	93 71	94 73	89.6 70.8	
PHENIX CITY 2 NNW	MAX MIN	95 73	91 70	92 70	93 72	92 70	92 71	95 70	90 70	90 70	96 65	88 68	68 67	97 61	97 68	97 67	97 67	97 67	98 70	98 70	96 70	80 68	87 70	97 69	90 69	90 69	87 69	87 69	88 69	89 69	91 71	92.8 69.3	
PITTSVIEW	MAX MIN	95 71	95 68	92 68	92 70	91 71	93 71	95 71	87 72	87 71	81 71	82 69	86 69	87 66	91 66	92 70	94 68	94 68	91 70	91 70	91 70	92 68	92 68	92 70	86 70	86 70	85 72	79 71	88 70	88 68	94 68	89.3 69.6	
THOMASVILLE	MAX MIN	91 74	93 75	92 74	93 75	91 73	91 73	92 73	90 73	89 70	83 73	80 72	86 70	88 69	88 71	89 69	90 71	90 72	89 72	87 72	87 72	85 71	85 73	85 73	84 73	84 64	87 64	82 70	80 69	88 69	89 71	87.4 71.3	
TRDY	MAX MIN	91 70	93 69	91 72	91 72	92 69	91 75	86 73	89 70	86 70	84 78	81 77	84 75	88 70	91 69	93 75	93 74	92 72	92 72	90 71	89 70	93 70	92 69	90 64	86 65	85 63	93 62	82 63	86 71	92 71	94 72	89.5 69.4	
WHATLEY	MAX MIN	96 70	97 69	94 70	95 70	94 72	94 72	95 70	93 71	91 69	87 72	90 77	90 68	94 69	93 76	91 69	95 68	95 64	92 65	89 69	90 74	91 71	89 72	88 66	88 66	89 66	82 66	85 69	85 68	95 66	95 66	91.4 69.5	
GULF 08																																	
BAY MINETTE	MAX MIN	95 75	94 74	92 73	93 75	88 74	90 74	92 71	84 73	84 72	80 75	85 73	88 72	90 70	93 71	87 74	92 73	93 74	90 71	86 73	90 73	88 73	90 73	82 73	85 74	89 68	83 72	80 70	81 72	89 71	92 70	88.6 72.5	
COOEN	MAX MIN	93 72	93 75	92 80	92 75	88 73	93 73	92 72	92 75	85 75	91 76	87 74	88 73	90 69	91 75	86 74	91 73	91 74	89 70	88 70	88 70	90 73	85 74	88 73	88 69	80 68	82 68	85 69	85 73	89 72	91 71	89.3 72.9	
FAIRHOPE 2 NE	MAX MIN	95 74	95 74	94 75	93 74	93 72	93 75	92 73	90 72	84 72	91 76	83 74	87 73	89 70	92 75	87 73	90 72	90 73	89 73	89 73	89 73	91 73	89 74	87 75	89 70	84 71	82 70	82 72	90 74	92 71	93 71	89.4 72.8	
FIDBT MORGAN	MAX MIN																																
MOBILE AB AIRPORT	MAX MIN	95 77	94 78	90 80	95 76	91 76	91 77	92 77	89 78	89 78	91 78	86 77	90 75	92 75	90 76	92 76	92 76	90 76	92 76	91 76	89 76	92 76	89 76	86 76	86 76	86 76	80 74	82 75	85 73	92 73	90.4 75.6		
ROBERTSVALE 1 E	MAX MIN	94 71	95 74	94 73	90 72	94 73	92 74	96 72	95 73	90 73	88 75	91 75	85 72	89 68	90 73	92 68	90 75	92 70	92 70	90 71	92 71	89 71	92 71	85 73	88 69	90 71	83 71	83 71	82 71	90 68	91 68	90.1 71.6	

EVAPORATION AND WIND

ALABAMA
AUGUST 1970

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PIEDMONT PLATEAU 05																																	
MARTIN OAM	EVAP	-	-	-	-	-	-	-	-	-	.00	.14	.14	.17	.27	.20	.13	.22	.05	.19	.20	.16	.06	.16	.26	.06	.18	.04	.21	.21	.22	-	
PRAIRIE 06																																	
MEMPHIS LOCK AND DAM	EVAP	.20	.26	.20	.20	.31	.21	.21	.28	.19	.13	.07	.20	.15	.20	.22	.26	.19	.28	.26	.20	.24	.23	.10	.12	.32	.24	.13	.18	.10	.14	.21	6.23
	WIND	15	19	18	26	29	10	22	41	17	26	37	40	17	14	7	23	10	20	35	16	36	4	20	23	50	9	18	35	22	35	21	715
	MAX	105	100	106	101	103	104	103	100	98	94	85	96	85	100	101	98	101	104	102	97	103	103	100	94	96	101	91	95	92	96	100	98.4
	MIN	77	77	76	78	75	76	72	72	75	75	75	76	75	75	75	78	77	79	75	69	61	74	75	75	70	69	70	73	73	75	75	74.1
GULF 08																																	
FAIRHOPE 2 NE	EVAP	.35	.24	.13	.25	.24	.16	.16	.13	.16	.25	-	.08	.21	.21	.14	-	.15	.23	-	.20	.10	.11	.15	-	.19	-	-	.06	.24	.11	.22	5.549
	WIND	15	12	12	22	18	18	15	19	12	40	19	14	12	6	3	5	7	5	6	12	15	10	18	14	10	4	10	5	16	9	3	386
	MAX	104	105	100	103	101	100	101	97	89	97	90	97	98	101	99	94	100	100	99	97	100	101	101	96	98	96	88	88	97	101	100	98.0
	MIN	77	74	79	78	77	77	77	77	78	80	80	76	76	76	77	78	76	78	78	77	77	75	79	77	75	77	73	76	77	78	76	77.0

Additional information regarding the climate of Alabama may be obtained by writing to the Environmental Science Services Administration State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

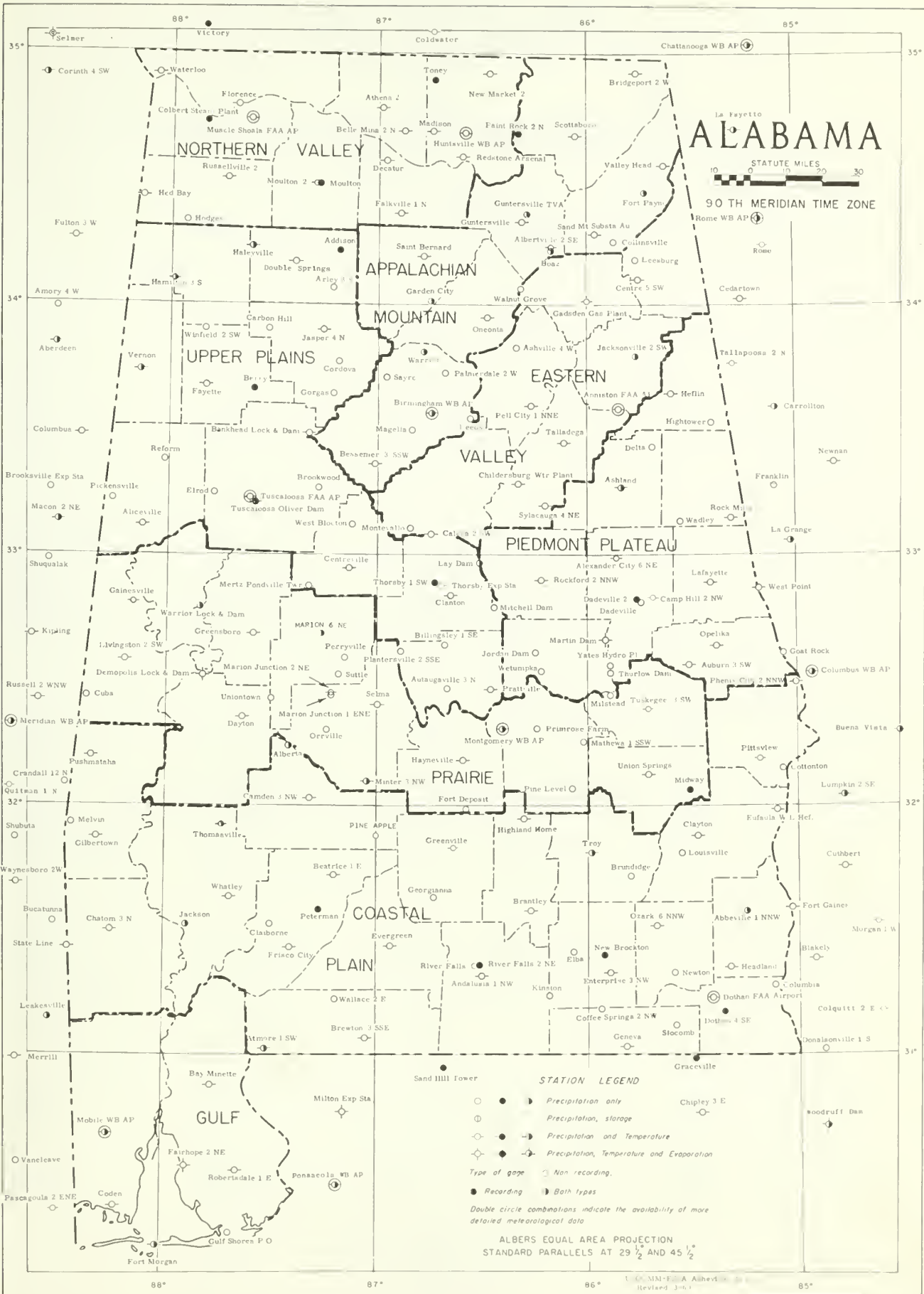
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- R "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



ALABAMA

STATUTE MILES
0 10 20 30

90 TH MERIDIAN TIME ZONE

STATION LEGEND

- ● ● ● ● ● Precipitation only
 - ⊕ ● ● ● ● ● Precipitation, storage
 - ● ● ● ● ● Precipitation and Temperature
 - ● ● ● ● ● Precipitation, Temperature and Evaporation
 - Type of gage ○ Non recording
 - Recording ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

CLIMATOLOGICAL DATA

ALABAMA

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 ENVIRONMENTAL DATA SERVICE

SEPTEMBER 1970

Volume 76 No. 9

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature										Precipitation						
	Average Maximum	Average Minimum	Average	Difference From Normal	Highest	Date	Lowest	Date	No. of Days		Greatest Day	Date	Snow, Sleet				
									Degrees Days	No. of Days			Total	Max. Depth on Ground	Date	No. of Days	
																0 to 1	1.00 or More
<p>* * * NORTHERN VALLEY 01</p> <p>ATHENS 2 89.9M 61.2M 75.6M 98 1 38 29 18 0 0 0 0 4.19 1.88 5 .0 0 4 1 1</p> <p>BELLE MINA 2 N 89.3 63.9 76.6 95 20+ 43 29 8 17 0 0 0 2.43 .74 25 .0 0 4 2 0</p> <p>FALKVILLE 1 N 89.2 63.3 76.3 95 22+ 40 29 23 22 0 0 0 1.94 .74 25 .0 0 6 1 1</p> <p>FLDRENCE 89.7 61.1 75.4 97 7+ 41 29 13 19 0 0 0 3.29 1.76 5 .0 0 4 1 1</p> <p>HUNTSVILLE WB AP 88.9 65.7 77.3 2.8 95 21+ 44 29 10 16 0 0 0 1.80 - 1.29 1.29 5 .0 0 4 1 1</p> <p>MADISON</p> <p>MDULTON 2 90.6 64.9 77.8 97 1 41 29 7 22 0 0 0 1.75 .70 5 .0 0 6 1 0</p> <p>MUSCLE SHDALS FAA AP 97.9 67.0 77.5 95 2 47 29 8 17 0 0 0 4.37 1.44 5 .0 0 4 4 2</p> <p>NEW MARKET 2 90.4 63.3 76.9 96 1 40 29 11 23 0 0 0 1.32 .75 5 .0 0 5 1 0</p> <p>RED BAY 91.5 66.4 79.0 98 23+ 48 29 10 22 0 0 0 .96 .48 27 .0 0 3 0 0</p> <p>REDSTONE ARSENAL</p> <p>RUSSELLVILLE 2 89.3 59.0 74.2 100 1 41 30 18 19 0 0 0 2.88 1.00 3 .0 0 5 2 1</p> <p>WATERLOO 88.6 61.1 74.9 96 1 41 30+ 19 17 0 0 0 1.95 .44 4 .0 0 6 0 0</p> <p>90.2 65.7 78.0 98 1 43 29 8 18 0 0 0 2.35 1.41 5 .0 0 4 1 1</p> <p>DIVISION 76.6 2.9 2.44 - .89 .0</p> <p>* * * APPALACHIAN MOUNTAINS 02</p> <p>ALBERTVILLE 2 SE 89.7 63.9 76.8 97 20 42 29 9 19 0 0 0 .66 .46 25 .0 0 2 0 0</p> <p>BESSEMER 3 SSW 88.2 65.8 77.0 .7 94 21+ 43 29 10 16 0 0 0 1.05 - 2.28 .37 24 .0 0 5 0 0</p> <p>BRIDGEPORT 2 W 87.4 62.9 75.2 92 21+ 42 29 12 9 0 0 0 3.29 1.70 4 .0 0 5 2 1</p> <p>GUNTERSVILLE 87.1 65.4 76.3 94 27+ 47 30 8 12 0 0 0 2.43 1.02 5 .0 0 4 2 1</p> <p>DNEONTA 89.2 63.6 76.4 95 20+ 41 30+ 23 24 0 0 0 2.80 1.12 11 .0 0 6 2 1</p> <p>SAINT BERNARD 88.2 62.8 75.5 2.7 94 21 44 29 18 18 0 0 0 1.79 .79 4 .0 0 4 2 0</p> <p>SAND MT SUBSTA AU 86.2 64.3 75.3 92 2+ 42 29 14 5 0 0 0 2.58 .92 4 .0 0 6 0 0</p> <p>SCOTTSBORO 89.7 62.7 76.2 3.1 97 21+ 39 29 18 20 0 0 0 1.26 - 1.98 .42 27 .0 0 5 0 0</p> <p>VALLEY HEAD 86.6 61.1 73.9 2.0 94 1 38 29 28 7 0 0 0 3.35 .25 .70 22 .0 0 8 3 0</p> <p>DIVISION 75.8 2.6 2.13 - .99 .0</p> <p>* * * UPPER PLAINS 03</p> <p>ALICEVILLE 90.6 69.3 80.0 96 25 51 30+ 2 25 0 0 0 1.00 .28 26 .0 0 4 0 0</p> <p>BANKHEAD LOCK AND DAM 90.2 65.5 77.9 96 26+ 48 30 8 23 0 0 0 3.06 .96 27 .0 0 5 4 0</p> <p>CENTREVILLE 90.6 65.5 78.1 2.4 97 3 46 30+ 8 25 0 0 0 1.32 - 1.96 .88 27 .0 0 2 1 0</p> <p>CLANTON 88.9 65.9 77.4 2.5 94 20+ 44 29 6 15 0 0 0 1.22 - 1.99 .75 8 .0 0 3 1 0</p> <p>DOUBLE SPRINGS 86.1 64.2 75.2 92 1 45 30+ 23 7 0 0 0 1.07 .60 27 .0 0 3 1 0</p> <p>FAYETTE 89.5M 62.9M 76.2M 95 20 45 30+ 11 0 0 0 1.10 .42 25 .0 0 3 0 0</p> <p>HALEYVILLE 88.4 65.2 76.8 95 1 48 30+ 13 18 0 0 0 1.98 .82 8 .0 0 6 1 0</p> <p>HAMILTON 3 S 89.5 62.0M 75.8M 95 8+ 41 30+ 20 21 0 0 0 1.89 .62 27 .0 0 4 2 0</p> <p>JASPER 4 N 87.7 62.7 75.2 94 19 43 29 12 11 0 0 0 3.17 2.29 10 .0 0 3 2 1</p> <p>PRATTVILLE 92.3M 66.5M 79.4M 3.6 98 20+ 47 30 0 25 0 0 0 1.09 - 2.54 .52 17 .0 0 2 1 0</p> <p>THORSBY EXP STATION 88.3 66.8 77.6 93 19+ 50 29 0 12 0 0 0 2.99 1.90 7 .0 0 3 2 1</p> <p>TUSCALOOSA FAA AP 90.6 68.9 79.8 95 20+ 51 30+ 1 25 0 0 0 2.58 1.10 7 .0 0 6 2 1</p> <p>TUSCALOOSA OLIVER DAM 90.5 67.6 79.1 3.1 96 7 49 30 4 25 0 0 0 2.17 - .99 1.17 8 .0 0 4 2 1</p> <p>VERNON 91.8 64.7 78.3 98 20+ 43 29 7 25 0 0 0 1.57 .68 8 .0 0 4 1 0</p> <p>DIVISION 77.6 2.6 1.87 - 1.36 .0</p> <p>* * * EASTERN VALLEY 04</p> <p>ANNISTON FAA AP 88.3 66.1 77.2 96 1 43 29 9 16 0 0 0 .86 .68 7 .0 0 2 1 0</p> <p>CALLERA 2 SW 91.5 65.5 78.5 96 20+ 40 29 3 25 0 0 0 1.14 - 2.05 .60 11 .0 0 2 2 0</p> <p>CENTRE 5 SW 90.1 63.0 76.6 98 21+ 39 29 14 23 0 0 0 2.27 1.12 3 .0 0 4 1 1</p> <p>CHILDERSBURG WTR PLANT 90.7 64.1 77.4 96 21 40 29 8 26 0 0 0 .59 .51 7 .0 0 1 1 0</p> <p>GADSDEN GAS PLANT 88.9 65.3 77.1 2.9 95 21+ 42 29 8 20 0 0 0 1.25 .49 11 .0 0 5 0 0</p> <p>PELL CITY 1 NNE 89.7 63.2 76.5 99 1 42 30 12 21 0 0 0 .94 .31 8 .0 0 4 0 0</p> <p>SYLACAUGA 4 NE 89.6 64.1 76.9 95 21 40 29 9 21 0 0 0 .56 .20 7 .0 0 4 0 0</p> <p>TALLADEGA 88.5 65.2 76.9 2.2 93 21+ 43 29 8 16 0 0 0 1.24 - 1.58 .88 7 .0 0 3 1 0</p> <p>DIVISION 77.1 2.9 1.11 - 2.03 .0</p> <p>* * * PIEDMONT PLATEAU 05</p> <p>ALEXANDER CITY 90.1 63.6 76.9 96 22+ 45 30+ 6 24 0 0 0 1.52 .90 24 .0 0 3 2 0</p> <p>ASHLAND 86.3 63.0 74.7 94 1 46 30 12 5 0 0 0 1.93 1.57 8 .0 0 3 1 1</p> <p>AUBURN 3 SW 90.7 66.1 78.4 2.6 97 20 46 30 2 25 0 0 0 1.64 - 2.11 .56 8 .0 0 4 1 0</p> <p>CAMP HILL 2 NW 88.8 64.3 76.6 95 2 43 30 10 17 0 0 0 1.50 1.00 24 .0 0 2 1 1</p> <p>HEFLIN 90.4 61.1 75.8 98 17+ 39 30+ 19 25 0 0 0 1.37 .75 23 .0 0 3 2 0</p> <p>LAFAYETTE 90.6 64.1 77.4 97 20+ 50 30 0 24 0 0 0 .84 .32 2 .0 0 3 0 0</p> <p>MARTIN DAM 89.5 65.5 77.5 95 20+ 45 30 1 19 0 0 0 1.56 - 1.85 .79 7 .0 0 3 1 0</p> <p>OPELIKA 88.9M 67.6M 78.3M 94 21 40 29 0 10 0 0 0 2.80 1.60 8 .0 0 4 2 1</p> <p>ROCKFORD 2 NNE 89.0 63.0 76.0 96 20 46 30 5 18 0 0 0 1.20 .54 24 .0 0 3 1 0</p> <p>ROCK MILLS 91.2 62.9 77.1 98 6 43 30 5 24 0 0 0 1.14 .51 25 .0 0 3 1 0</p> <p>DIVISION 76.9 1.8 1.55 - 1.90 .0</p>																	

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA
SEPTEMBER 1970

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days					
										Max.		Min.		Total					Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
										30° or Above	25° or 30° or Below	20° or 25° or Below	15° or 20° or Below														
* * * PRAIRIE * * * 06																											
OAYTON	92.6	68.0	80.3		97	20+	48	30	1	27	0	0	0	1.02		.33	23	.0	0		4	0	0				
OEMDPOLIS LOCK AND DAM	90.6	67.6	79.1		96	20	49	30	4	25	0	0	0	1.83	- 1.11	1.10	27	.0	0		5	1	1				
GAINESVILLE	89.2	67.5	78.4		94	22+	48	29	9	23	0	0	0	1.28		.23	27	.0	0		2	0	0				
GREENSBORO	91.4	65.7	78.6	1.3	95	24+	48	28	9	25	0	0	0	2.07	- 1.21	1.10	27	.0	0		4	1	1				
HAYNEVILLE	88.9M	66.6M	77.8M		93	21+	45	30	5	15	0	0	0	1.22		.91	8	.0	0		3	1	0				
LIVINGSTON 2 SW																											
MARION JUNCTION 2 NE	91.7	66.4	79.1		96	20	48	30+	3	27	0	0	0	1.65		.72	4	.0	0		4	1	0				
MINTER 3 NW	89.8	67.1	78.5		94	22+	48	30	5	23	0	0	0	.41		.20	8	.0	0		2	0	1				
MONTGOMERY WB AP	88.2	66.8	77.5		93	21	47	30	6	15	0	0	0	2.52		1.73	8	.0	0		2	0	1				
SELMA	90.3	68.0	79.2	2.1	95	20	49	30	1	25	0	0	0	2.02	- 1.95	.96	24	.0	0		3	0	0				
TUSKEGEE 3 SW	92.1	69.6	80.9	3.9	97	20	50	30+	0	25	0	0	0	.43	- 2.49	.32	8	.0	0		1	0	0				
UNION SPRINGS																											
	90.1	67.6	78.9	2.4	96	22	50	30	1	21	0	0	0	.70	- 2.49	.37	8	.0	0		2	0	0				
DIVISION																											
			78.9	2.2										1.30	- 1.93			.0									
* * * COASTAL PLAIN * * * 07																											
ANALUSIA 1 NW																											
	90.5	64.1	77.3		95	3	44	30	6	23	0	0	0	2.02		.99	16	.0	0		3	2	0				
ATMORE 1 SW																											
	90.4	67.8	79.1		94	21+	47	30	0	22	0	0	0	2.03		.62	8	.0	0		5	2	0				
BEATRICE 1 E																											
	90.9	63.9	77.4		97	11	44	29	4	24	0	0	0	.66		.28	27+	.0	0		3	0	0				
BRANTLEY																											
	92.2	65.1	78.7		96	2	42	30	7	25	0	0	0	1.80	- 2.28	.67	12	.0	0		6	1	0				
BRENTON 3 SSE																											
	90.9	63.0	77.0	.9	96	6	40	30	7	23	0	0	0	1.08	- 4.30	.32	24	.0	0		3	0	0				
CAMOEN 3 NW																											
	90.8	63.5	77.2		96	20	42	29	5	25	0	0	0	.98		.78	7	.0	0		1	1	0				
CHATON 3 N																											
	90.2	66.5	78.4		95	21+	48	29	1	24	0	0	0	1.48		.62	23	.0	0		3	2	0				
CLAYTON																											
	87.9	67.7	77.8		91	21+	51	29	3	15	0	0	0	1.35	- 3.15	.60	8	.0	0		3	1	0				
ENTERPRISE 3 NW																											
	89.8	66.5	78.2		94	12+	50	30	2	20	0	0	0	2.19		1.00	12	.0	0		4	2	1				
EUFAULA WILDLIFE REF																											
	90.9	66.1	78.5		97	4	42	30	8	23	0	0	0	1.53		.69	3	.0	0		4	1	0				
EVERGREEN																											
	92.0	68.7	80.4		95	23+	50	30	0	26	0	0	0	2.06		.86	16	.0	0		4	2	0				
FRISCO CITY																											
	90.7	67.6	79.2		95	3+	49	30	2	24	0	0	0	3.83	- .94	1.67	18	.0	0		5	2	0				
GENEVA																											
	90.7	66.4	78.6		95	7+	51	30+	4	22	0	0	0	2.06	- 3.26	.90	26	.0	0		4	2	0				
GILBERTOWN																											
	89.2	66.7	78.0		94	7+	47	30	1	21	0	0	0	1.14		.50	23	.0	0		4	1	0				
GREENVILLE																											
	89.2	67.5	78.4	1.7	93	20+	51	30	1	21	0	0	0	1.97	- 2.22	1.63	8	.0	0		3	1	1				
HEAOLAND																											
	90.3	66.0	78.2		95	2	46	30	3	25	0	0	0	2.13		.91	2	.0	0		4	2	0				
HIGHLAND HOME																											
	92.7	66.9	79.8	3.4	98	3	50	29	0	26	0	0	0	1.13	- 2.31	.48	18	.0	0		4	0	0				
DZARK 6 NNW																											
	90.3	68.1	79.2	2.2	94	20+	50	29	0	20	0	0	0	2.37	- 2.30	1.45	8	.0	0		5	1	1				
PHENIX CITY 2 NNW																											
	91.1	66.2	78.7		96	21+	52	30	0	25	0	0	0	.70		.39	26	.0	0		2	0	0				
PITTSVIEW																											
	89.6	64.7	77.2		95	2+	43	30	9	21	0	0	0	1.38		.89	8	.0	0		2	1	0				
THOMASVILLE																											
	88.4	68.3	78.4	2.4	94	23+	50	30+	6	14	0	0	0	1.18	- 2.52	.44	4	.0	0		4	0	0				
TROY																											
	90.3	68.2	79.3	3.0	95	20	50	30	1	22	0	0	0	1.26	- 2.86	.60	8	.0	0		3	1	0				
WHATLEY																											
	91.7M	66.1M	78.9M		96	12+	51	30	0	26	0	0	0	1.94		1.30	8	.0	0		6	1	1				
DIVISION																											
			78.4	1.8										1.66	- 2.77			.0									
* * * GULF * * * 08																											
BAY MINETTE																											
	89.1	69.8	79.5		95	6+	54	30	0	20	0	0	0	5.73		2.24	24	.0	0		7	2	2				
CDOEN																											
	89.4	70.9	80.2		92	20+	52	30	0	22	0	0	0	7.43		1.41	26	.0	0		10	6	3				
FAIRHOPE 2 NE																											
	89.2	70.6	79.9	2.2	93	2+	53	30	0	18	0	0	0	5.53	- 1.55	3.15	17	.0	0		8	3	1				
FORT MORGAN																											
	90.8	72.5	81.7	3.8	96	5	56	30+	0	22	0	0	0	2.56	- 3.69	.74	22	.0	0		5	2	0				
MOBILE WB AIRPORT																											
	90.6	68.6	79.6		95	7	49	30	0	24	0	0	0	2.62	- 4.37	.64	8	.0	0		7	2	0				
ROBERTSOALE 1 E																											
			80.2	2.5										4.77	- 1.66			.0									
DIVISION																											

EXTREMES

HIGHEST TEMPERATURE REOSTONE ARSFAL	100	OATE	01
LOWEST TEMPERATURE 2 STATIONS	38	OATE	29
GREATEST TOTAL PRECIPITATION CDOEN	7.43		
LEAST TOTAL PRECIPITATION 2 STATIONS	.00		
GREATEST 1 DAY PRECIPITATION WEST BLOCCON	3.35	OATE	08

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
SEPTEMBER 1970

Station	Day Of Month																															Total or Avg.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * PIEDMONT PLATEAU 05																																
MARTIN OAM	EVAP	.15	.23	.24	.04	.22	.06	.20	.20	.16	.12	.18	.15	.16	.14	.16	.17	.16	.12	.16	.24	.19	.19	.28	.14	.12	.18	.11	.15	.23	.15	5.00
* * * PRAIRIE 06																																
OEMPOLIS LOCK AND OAM	EVAP	.21	.20	.22	.22	.23	.16	.19	.15	.15	.21	.24	.21	.20	.17	.24	.23	.20	.25	.26	.18	.15	.22	.27	.09	.18	.24	.17	.10	.23	.23	6.00
	WIND	7	5	22	46	53	28	16	27	11	23	26	24	12	52	56	67	40	33	31	10	26	17	30	36	26	38	46	97	99	49	1073
	MAX	103	103	99	97	99	95	102	100	99	96	100	100	101	101	101	97	97	98	99	98	99	101	99	96	94	96	94	93	82	83	97.4
	MIN	75	76	75	74	76	76	75	74	73	75	75	74	70	70	70	74	74	75	73	76	75	74	74	73	73	73	72	60	57	55	72.2
* * * GULF 08																																
FAIRHOPE 2 NE	EVAP	.18	.23	.15	.19	.23	.24	.14	.11	.16	.13	.14	.17	.19	.14	.12	.13	-	.06	.21	.13	.17	.06	.13	.10	.07	.14	.16	.21	.21	.15	4.608
	WIND	6	3	3	6	15	21	17	8	7	3	7	12	12	9	11	8	5	5	3	3	4	5	6	2	6	5	16	37	25	69	339
	MAX	101	101	99	103	98	101	95	100	98	95	98	99	98	95	94	94	88	97	99	98	97	94	96	94	93	92	95	88	83	84	95.6
	MIN	78	75	78	80	92	80	79	72	76	79	76	76	78	72	75	74	75	76	77	78	77	77	75	76	73	73	72	66	57	58	75.0

Additional information regarding the climate of Alabama may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist at National Weather Service Office, Dannelly Field, R.F.D. 2, Montgomery, Alabama 36108, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- ∅ Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

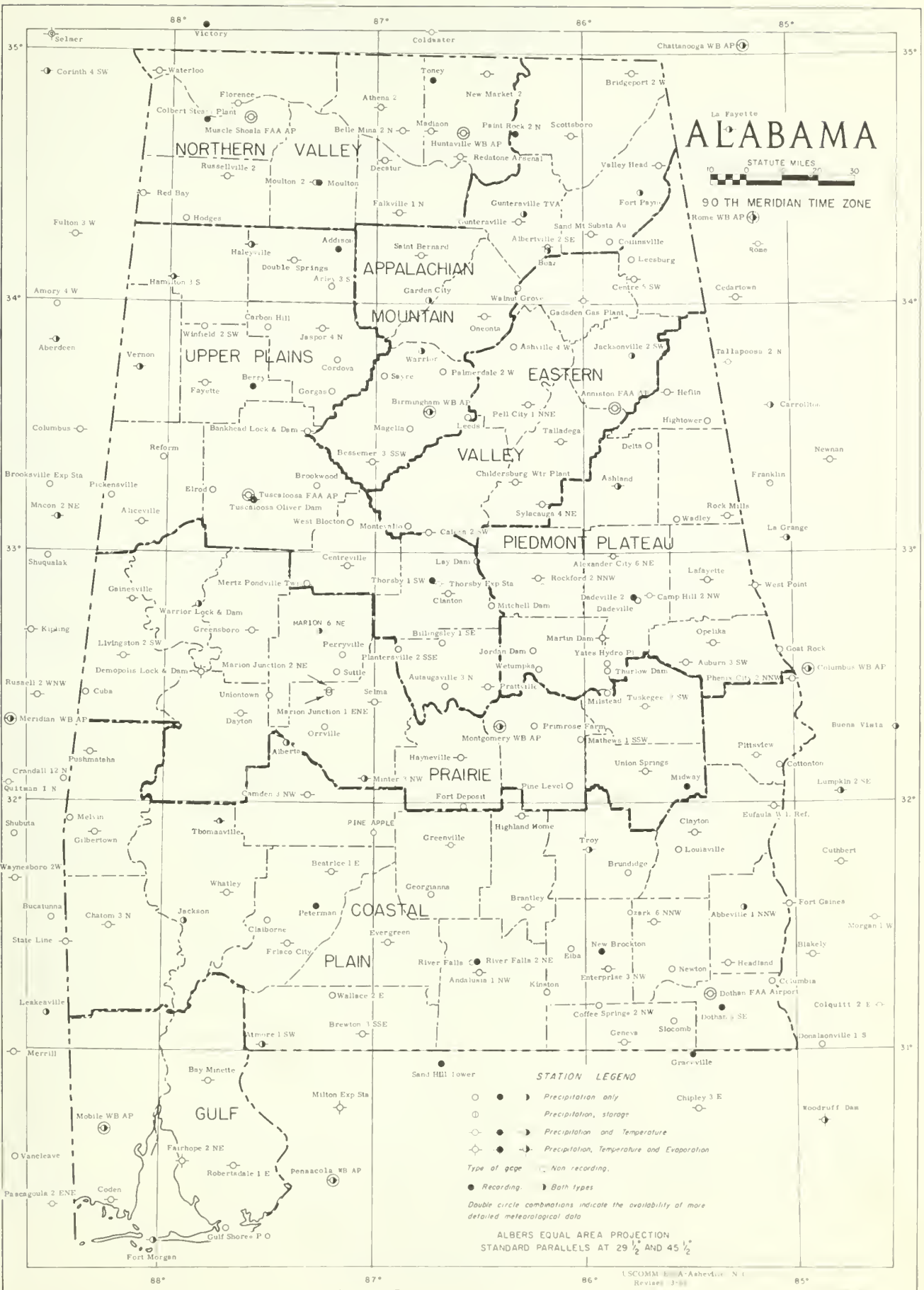
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- z Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

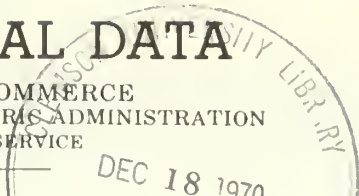


CLIMATOLOGICAL DATA

ALABAMA

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 ENVIRONMENTAL DATA SERVICE

OCTOBER 1970
 Volume 76 No. 10



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature														Precipitation							
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days	
										≥ 1° Above	31° or More Above	31° or More Below	≥ 1° Below					Total	Max. Depth on Ground	Date	.10 or More	1.00 or More
<p>• • •</p> <p>NORTHERN VALLEY 01</p> <p>ATHENS 2 73.4M 46.9M 60.2M 86 3 33 31 171 0 0 0 0 7.50 1.45 10 .0 0 11 5 3</p> <p>BELLE MINA 2 N 73.6 50.7 62.1 87 2 34 17 124 0 0 0 0 4.99 2.05 9 .0 0 8 3 1</p> <p>FALKVILLE 1 N 72.9 48.6 60.8 86 3 33 31+ 163 0 0 0 0 6.04 1.31 9 .0 0 9 5 3</p> <p>FLORENCE 72.8 45.9 59.4 89 2 37 30 189 0 0 0 3 5.92 1.66 29 .0 0 9 5 3</p> <p>HUNTSVILLE WSD 73.3 52.5 62.9 - .3 86 2 38 31+ 116 0 0 0 0 4.76 2.04 1.20 9 .0 0 9 4 2</p> <p>MOBILSON</p> <p>MOULTON 2 74.4 50.2 62.3 89 2 32 17 121 0 0 1 0 6.37 1.46 24 .0 0 7 6 2</p> <p>MUSCLE SHOALS FAA AP 71.4 51.5 61.5 86 2 37 30 136 0 0 0 0 6.00 1.17 12 .0 0 9 5 3</p> <p>NEW MARKET 2 73.0 50.3 61.7 85 3+ 33 31 193 0 0 0 0 4.35 1.15 9 .0 0 8 4 1</p> <p>REGO BAY 73.7 49.5 61.6 89 3+ 37 30 143 0 0 0 0 7.39 1.60 29 .0 0 9 7 3</p> <p>REGSTONE ARSENAL</p> <p>RUSSELLVILLE 2 73.4 47.4 60.4 86 2 32 31 152 0 0 1 0 5.01 1.50 11 .0 0 8 4 1</p> <p>WATERLOO 72.3 46.5 59.4 87 3 30 31 194 0 0 2 0 6.92 3.33 29 .0 0 7 3 2</p> <p>72.9 50.1 61.5 90 2 31 30 132 1 0 1 0 7.02 1.89 11 .0 0 11 5 2</p> <p>DIVISION 61.2 - 1.6 6.02 3.20 .0</p> <p>• • •</p> <p>APPALACHIAN MOUNTAINS 02</p> <p>ALBERTVILLE 2 SE 71.3M 51.0M 61.2M - .8 84 2 31 17 144 0 0 1 0 9.46 6.55 2.01 8 .0 0 11 9 4</p> <p>BESSEMER 3 SSW 74.3 49.3 61.8 89 3 34 20+ 137 0 0 0 0 4.98 3.18 20 .0 0 7 1 1</p> <p>BIRMINGHAM WSD 73.7 52.9 63.3 - 2.4 88 3 38 31 104 0 0 0 0 7.04 4.09 2.70 8 .0 0 8 4 2</p> <p>BRIROGEPAT 2 W 73.5 50.2 61.9 84 3+ 35 17 130 0 0 0 0 3.11 .79 29 .0 0 7 3 0</p> <p>GUNTERSVILLE 73.5M 52.9M 63.2M 80 2+ 45 18+ 87 0 0 0 0 5.06 .21 1.15 24 .0 0 8 5 1</p> <p>ONEONTA 74.0 50.5 62.3 87 4 35 31 124 0 0 0 0 5.14 1.77 20 .0 0 8 5 2</p> <p>SAINT BERNARD 72.8 49.2 61.0 - 1.0 85 3 34 17 152 0 0 0 0 6.46 1.67 8 .0 0 8 4 3</p> <p>SAND MT SUBSTA AU 72.0 52.6 62.3 83 3 35 17 116 0 0 0 0 4.94 1.33 14 .0 0 7 4 1</p> <p>SCOTTSDRDR 74.0 49.8 61.9 - .5 86 4+ 35 31 124 0 0 0 0 4.59 1.49 1.60 14 .0 0 7 4 1</p> <p>VALLEY MEAO 72.7 49.2 61.0 - .4 88 6 33 17 149 0 0 0 0 3.66 .71 .98 25 .0 0 7 3 0</p> <p>DIVISION 62.0 - .8 5.44 2.49 .0</p> <p>• • •</p> <p>UPPER PLAINS 03</p> <p>ALICEVILLE 76.4 53.8 65.1 89 3 40 31 69 0 0 0 0 9.03 2.80 12 .0 0 5 4 3</p> <p>BANKHEAD LOCK AND DAM 77.0 51.1 64.1 89 6+ 38 31 92 0 0 0 0 8.25 3.50 20 .0 0 10 5 2</p> <p>CENTREVILLE 76.3 51.1 63.7 - 1.5 87 8+ 39 31 96 0 0 0 0 6.78 4.34 2.00 20 .0 0 9 5 2</p> <p>CLANTON 75.8 52.7 64.3 - .1 90 4 38 5 84 1 0 0 0 6.10 3.90 2.10 25 .0 0 6 5 3</p> <p>DOUBLE SPRINGS 71.4 49.3 60.4 84 4+ 36 17 161 0 0 0 0 6.59 1.85 25 .0 0 6 5 3</p> <p>FAYETTE 74.4M 49.6M 62.0M 85 8 121 0 0 0 0 7.51 2.40 10 .0 0 9 5 2</p> <p>HALEYVILLE 73.2 50.3 61.8 87 2 37 17 136 0 0 0 0 5.35 1.52 20 .0 0 9 4 1</p> <p>HAMILTON 3 S 74.1 45.8 60.0 87 3 30 30 174 0 0 2 0 6.53 1.61 20 .0 0 11 4 3</p> <p>JASPER 4 71.8 49.5 60.7 84 3 31 31 148 0 0 1 0 6.95 2.20 9 .0 0 11 3 2</p> <p>PRATTVILLE 78.2M 56.0M 67.1M 1.5 91 3 41 18+ 37 2 0 0 0 4.61 1.34 10 .0 0 6 4 2</p> <p>THORSBY EXP STATION 75.3 55.4 65.4 88 3 42 17 57 0 0 0 0 6.62 2.32 9 .0 0 7 5 2</p> <p>TUSCALOOSA FAA AP 76.3 53.7 65.0 91 3 40 31 70 1 0 0 0 6.99 4.26 19 .0 0 10 3 1</p> <p>TUSCALOOSA OLIVER DAM 75.4 52.5 64.0 - 1.2 87 4 40 31 94 0 0 0 0 7.81 4.89 4.39 20 .0 0 7 4 1</p> <p>VERNON 75.9 49.4 62.7 88 3+ 31 31 116 0 0 2 0 5.44 1.44 19 .0 0 9 5 2</p> <p>DIVISION 63.3 - 1.3 6.75 4.14 .0</p> <p>• • •</p> <p>EASTERN VALLEY 04</p> <p>ANNISTON FAA AP 74.4 53.8 64.1 87 3+ 40 17 90 0 0 0 0 6.04 1.90 19 .0 0 8 4 2</p> <p>CALERA 2 SW 77.4 53.8 65.6 91 3 36 5 55 1 0 0 0 6.63 4.12 2.42 19 .0 0 6 4 3</p> <p>CENTRE 5 SW 75.2 49.9 62.6 88 3 36 5 116 0 0 0 0 5.65 1.83 20 .0 0 7 4 2</p> <p>CHILDOERSBURG WTR PLANT 76.8 52.6 64.7 90 3 35 5 65 1 0 0 0 7.61 1.63 24 .0 0 10 5 3</p> <p>GAOSEN GAS PLANT 72.9 53.6 63.3 - 3 86 3 37 5 97 0 0 0 0 4.97 1.70 25 .0 0 7 4 2</p> <p>PELL CITY 1 NNE 75.1 49.4 62.3 88 4 35 18+ 124 0 0 0 0 5.07 2.59 20 .0 0 8 2 1</p> <p>SYLACAUCA 4 NE 76.3 52.7 64.5 89 3 35 5 78 0 0 0 0 7.68 1.71 8 .0 0 10 6 2</p> <p>TALLADEGA 74.6 53.2 63.9 - .3 89 3 39 31+ 92 0 0 0 0 5.80 3.26 1.33 24 .0 0 9 5 2</p> <p>DIVISION 63.9 .5 6.18 3.53 .0</p> <p>• • •</p> <p>PIEDMONT PLATEAU 05</p> <p>ALEXANDER CITY 75.7 51.2 63.5 89 4 38 17 96 0 0 0 0 13.72 3.20 14 .0 0 9 9 6</p> <p>ASHLAND 72.4 51.0 61.7 86 4 38 18+ 127 0 0 0 0 12.30 3.00 20 .0 0 9 8 5</p> <p>AUBURN 3 SW 79.1 56.1 67.6 90 4 43 17 30 1 0 0 0 10.24 2.37 8 .0 0 9 8 5</p> <p>CAMP HILL 2 NW 75.2 52.8 64.0 88 4 37 18 90 0 0 0 0 8.53 1.80 29 .0 0 9 7 4</p> <p>HEFLIN 74.6 48.8 61.7 88 2 33 18+ 141 0 0 0 0 7.62 2.25 19 .0 0 9 3 3</p> <p>LAFAYETTE 77.6 58.6 68.1 93 3 40 18 38 2 0 0 0 7.05 4.00 29 .0 0 6 4 3</p> <p>MARTIN DAM 77.0 56.1 66.6 87 3 43 18 35 0 0 0 0 11.08 3.04 14 .0 0 10 7 5</p> <p>OPELIKA 75.3 55.4 65.4 88 4 42 17 58 0 0 0 0 8.15 2.11 30 .0 0 9 8 3</p> <p>ROCKFORD 2 NNW 75.3 51.8 63.6 88 4 40 18 91 0 0 0 0 8.93 3.48 10 .0 0 7 5 3</p> <p>ROCK MILLS 76.6 50.4 63.5 91 4 34 19+ 109 1 0 0 0 7.14 2.14 30 .0 0 7 4 3</p> <p>DIVISION 64.6 - .6 9.48 7.21 .0</p>																						

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA
OCTOBER 1970

Continued

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										30" or Above	Below	31" or Below	0" or Below											
	* * * PRAIRIE 06																							
DAYTON	80.2M	54.6M	67.4M		91	3	41	31	33	2	0	0	0	4.68		2.81	19	.0	0		7	2	1	
DEMOPOLIS LOCK AND DAM	75.9	51.7	63.8		90	4	38	31	94	1	0	0	0	8.15	5.81	2.38	20	.0	0		8	5	4	
GAINESVILLE	75.2	51.4	63.3		88	4	39	31	105	0	0	0	0	7.21		2.63	20	.0	0		10	5	2	
GREENSBORO	78.6	50.9	64.8	- 2.9	89	3	42	30+	58	0	0	0	0	5.82	3.36	2.92	19	.0	0		7	3	2	
HAYNEVILLE	76.8M	53.0M	64.9M		87	4	35	18	71	0	0	0	0	2.94		1.39	25	.0	0		6	1	1	
LIVINGSTON 2 SW	78.5	50.0	64.3		94	4	36	31	74	2	0	0	0	10.43		2.87	20	.0	0		10	5	4	
MARION JUNCTION 2 NE	75.8	53.2	64.5		89	4	43	5	78	0	0	0	0	5.21		1.22	10	.0	0		8	4	2	
MINTER 3 NW	76.3	54.3	65.3		89	4	45	31+	52	0	0	0	0	4.57		1.66	14	.0	0		6	3	2	
MONTGOMERY WSO	77.5	56.5	67.0	.4	91	3	45	31+	39	1	0	0	0	4.98	2.70	1.59	24	.0	0		7	3	2	
SELMA	78.9	55.9	67.4	.0	90	1	42	18+	31	1	0	0	0	5.73	3.59	2.00	25	.0	0		8	3	2	
TUSKEGEE 3 SW																								
UNION SPRINGS	77.5	56.1	66.8	- .3	90	4	47	18	36	1	0	0	0	6.98	4.85	2.45	30	.0	0		8	6	2	
DIVISION			65.4	- 1.5										6.06	3.91			.0						
* * * COASTAL PLAIN 07																								
ANDALUSIA 1 NW	76.8	52.8	64.8		86	12+	39	5	65	0	0	0	0	7.44		1.60	29	.0	0		8	5	3	
ATMORE 1 SW	78.8	57.3	68.1		91	3	45	31+	22	2	0	0	0	5.54		1.48	13	.0	0		8	3	2	
BEATRICE 1 E	77.5	50.4	64.0		88	2	37	31	88	0	0	0	0	4.07		2.00	14	.0	0		4	2	2	
BRANTLEY	79.1	53.6	66.4		92	4	39	5	53	1	0	0	0	4.94	3.07	1.40	30	.0	0		8	3	2	
BRANTON 3 SSE	78.5	53.3	65.9	- .7	91	3	42	17	46	1	0	0	0	8.29	5.91	1.36	29	.0	0		10	9	3	
CAMDEN 3 NW	77.7	51.4	64.6		91	3	39	31+	76	1	0	0	0	6.39		2.12	13	.0	0		9	4	2	
CHATON 3 N	78.4	55.3	66.9		91	3	43	31+	47	2	0	0	0	5.63		2.39	13	.0	0		5	5	2	
CLAYTON	76.5	57.0	66.8		88	4	45	18	42	0	0	0	0	4.14	2.09	1.73	30	.0	0		7	4	1	
ENTERPRISE 3 NW	76.7M	56.7M	66.7M		88	4	48	19+	38	0	0	0	0	6.54		1.59	25	.0	0		6	6	3	
EUFALA WILDLIFE REF	79.6	55.4	67.5		90	4	41	5	41	1	0	0	0	3.54		1.32	30	.0	0		5	3	2	
EVERGREEN	78.2	56.4	67.3		91	4	47	31	30	1	0	0	0	3.74		.72	14	.0	0		8	3	0	
FRISCO CITY	76.7	56.7	66.7		88	12+	45	31	43	0	0	0	0	7.03	4.80	3.06	14	.0	0		8	3	2	
GENEVA	80.8	55.5	68.2		88	3	50	31+	12	0	0	0	0	4.12	2.34	1.09	20	.0	0		7	4	1	
GILBERTOWN	76.7	53.2	65.0		89	3	37	31	67	0	0	0	0	7.28		1.80	13	.0	0		9	6	3	
GREENVILLE	76.3	55.6	66.0	- 1.5	88	4	41	18+	51	0	0	0	0	3.72	1.44	1.24	14	.0	0		8	2	2	
HEADLAND	78.8	54.7	66.8		88	4	42	17	39	0	0	0	0	3.29		1.57	25	.0	0		6	2	1	
HIGHLAND HOME	77.5	55.8	66.7	- .6	90	4+	43	18	51	2	0	0	0	6.28	4.31	1.54	30	.0	0		8	6	3	
OZARK 6 NNW	78.4	58.0	68.2	- .3	90	3	46	18+	26	1	0	0	0	5.64	4.01	1.67	24	.0	0		9	3	2	
PHENIX CITY 2 NNW	80.2	55.4	67.8		90	4	38	18	27	1	0	0	0	4.86		2.00	31	.0	0		7	3	1	
PITTSVIEW	78.6	53.5	66.1		89	4	39	6+	56	0	0	0	0	4.50		2.57	30	.0	0		6	3	1	
THOMASVILLE	75.2	54.1	64.7	- 2.0	87	4+	43	31+	78	0	0	0	0	3.95	1.41	1.15	25	.0	0		7	3	1	
TROY	77.2	58.5	67.9	.6	90	3	47	17	26	1	0	0	0	6.54	4.48	2.06	30	.0	0		8	6	1	
WHATLEY	78.9	55.1	67.0		90	3	38	31	46	1	0	0	0	5.20		1.40	20	.0	0		7	4	3	
DIVISION			66.5	- .8										5.33	3.23			.0						
* * * GULF 08																								
BAY MINETTE	77.5	59.7	68.6		90	3	49	31	18	1	0	0	0	5.73		2.44	7	.0	0		7	5	1	
CODDEN	81.2	59.7	70.5		98	3	49	30	2	1	0	0	0	5.74		2.00	13+	.0	0		6	4	2	
FAIRHOPE 2 NE	78.1	60.0	69.1	- .2	87	12+	49	31	12	0	0	0	0	7.10	4.06	2.27	7	.0	0		10	5	2	
FORT MORGAN																								
MOBILE WSO	79.8	61.1	70.5	.6	92	3	52	31	7	1	0	0	0	5.71	2.68	1.83	6	.0	0		7	3	3	
ROBERTSOALE 1 E	79.6	57.7	68.7		91	5	48	31+	16	2	0	0	0	7.36	4.22	2.95	7	.0	0		8	5	2	
DIVISION			69.5	.1										6.33	3.42			.0						

EXTREMES

HIGHEST TEMPERATURE CODEN	98	DATE	03
LOWEST TEMPERATURE 3 STATIONS	30	DATE	31+
GREATEST TOTAL PRECIPITATION ALEXANDER CITY	13.72		
LEAST TOTAL PRECIPITATION HAYNEVILLE	2.94		
GREATEST 1 DAY PRECIPITATION TUSCALOOSA OLIVER DAM	4.39	DATE	20

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABAMA
OCTOBER 1970

Table with columns: Station, Total, Day of Month (1-31). Rows include stations like NORTHERN VALLEY, APPALACHIAN MOUNTAINS, UPPER PLAINS, and EASTERN VALLEY, with corresponding precipitation values.

See reference notes following Station Index

Continued

DAILY TEMPERATURES

ALABAMA

OCTOBER 1970

Station		Day of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
UNION SPRINGS	MAX MIN	85 50	87 55	88 58	90 55	83 50	85 51	83 58	72 65	80 65	82 52	74 59	84 67	84 67	85 67	80 64	76 61	80 51	74 47	73 50	67 58	78 58	71 52	73 49	76 52	69 60	70 53	74 54	73 51	69 53	66 57	70 50	77.5 56.1	
COASTAL PLAIN	07																																	
ANDALUSIA 1 NW	MAX MIN	81 44	85 48	85 52	86 50	80 39	85 40	84 61	71 66	83 66	80 57	75 59	86 64	84 55	82 64	82 57	73 57	71 45	69 44	69 50	67 60	77 58	67 48	74 42	77 45	77 53	76 49	78 50	75 57	65 56	68 56	70 46	76.8 52.8	
ATMORE 1 SW	MAX MIN	86 51	88 54	91 57	90 56	85 45	83 64	81 66	80 68	80 70	83 54	86 64	83 66	76 67	78 64	79 59	68 58	71 48	71 52	68 60	75 61	75 58	75 50	77 46	82 58	82 52	80 54	78 53	76 57	67 60	73 57	75 45	78.8 57.3	
BEATRICE 1 E	MAX MIN	82 42	88 46	85 52	82 50	80 38	83 39	84 48	72 63	84 66	83 58	85 65	87 65	84 65	84 58	81 55	68 54	68 50	87 45	87 44	68 60	70 56	75 56	73 45	72 41	71 42	70 48	80 48	73 49	78 53	78 49	75 46	67 37	76.5 50.4
BRANTLEY	MAX MIN	85 45	87 49	89 54	92 49	83 39	86 41	84 58	83 60	83 65	85 67	84 68	87 65	86 65	80 66	86 57	73 45	72 44	70 42	74 60	66 60	82 56	68 47	73 50	80 46	77 47	79 50	80 51	78 51	65 58	68 57	66 54	79.1 53.6	
BREWTON 3 SSE	MAX MIN	87 45	88 48	91 52	85 47	84 46	84 56	85 64	79 65	82 68	80 54	84 59	84 61	83 61	82 54	79 42	80 57	83 45	82 44	82 55	73 56	75 59	66 45	75 53	73 43	71 54	80 48	79 50	76 51	68 60	80 55	74 44	76 54	78.5 53.3
CAMOEN 3 NW	MAX MIN	87 46	88 50	91 53	87 49	85 41	85 54	77 61	86 62	79 66	85 79	76 47	87 55	85 61	76 61	80 53	77 40	71 39	70 40	67 53	74 55	71 55	74 43	76 44	79 53	77 51	78 49	79 53	69 52	64 52	69 46	75 39	77.7 51.4	
CHATON 3 N	MAX MIN	87 56	88 56	91 60	90 55	85 49	81 62	79 64	87 68	81 64	81 48	87 57	85 60	76 61	77 64	75 57	69 45	70 46	69 46	78 58	71 55	69 56	77 53	76 46	82 63	82 56	81 53	77 54	71 54	67 53	71 43	75 43	78.4 56.5	
CLAYTON	MAX MIN	79 52	84 55	85 62	88 58	81 52	81 52	80 58	73 63	79 64	80 66	81 63	83 66	83 66	82 66	80 67	82 65	73 60	65 46	65 45	78 49	70 58	72 60	77 53	76 54	71 54	70 54	71 55	72 53	65 48	73 52	67 52	76.5 57.0	
ENTERPRISE 3 NW	MAX MIN	81 51	85 54	87 54	88 53	82 54	85 53	83 49	69 61	81 65	73 66	84 64	84 65	83 66	84 66	75 58	82 49	83 48	72 48	73 49	68 60	75 61	69 56	73 52	73 51	75 53	76 55	74 53	67 56	67 52	72 52	76.7 56.7		
EUFALA WILDLIFE REF	MAX MIN	82 47	86 46	88 53	90 49	83 41	84 50	85 63	74 68	82 68	85 68	86 66	87 67	87 66	81 66	86 64	76 42	70 42	75 49	71 61	81 60	66 46	77 42	80 45	71 50	77 53	77 53	75 56	72 51	68 56	79 49	79.6 55.4		
EVERGREEN	MAX MIN	85 50	87 54	87 58	91 56	85 50	87 53	85 63	70 62	82 69	78 55	78 55	87 68	82 68	76 64	83 59	69 48	72 49	73 49	69 55	72 63	67 53	77 61	76 51	82 48	79 48	79 54	81 55	79 57	67 59	67 47	78.2 56.4		
FRISCO CITY	MAX MIN	81 51	87 56	87 59	88 57	81 59	85 62	83 62	71 66	84 68	78 52	80 51	88 66	83 67	72 46	80 51	72 46	70 48	67 53	70 60	74 58	69 52	75 49	76 53	80 53	80 53	76 55	78 53	76 57	64 58	67 45	76.7 56.7		
GENEVA	MAX MIN	87 53	87 52	88 54	86 53	85 53	85 51	84 55	84 56	83 61	84 60	85 61	84 61	87 60	85 63	85 51	84 50	75 50	74 55	73 50	71 55	77 55	76 53	76 53	80 57	79 56	80 55	81 55	78 54	75 57	71 59	76 50	80.8 55.5	
GILBERTOWN	MAX MIN	84 48	86 51	89 55	86 50	80 41	79 55	77 65	84 68	82 57	83 44	86 53	82 63	76 61	75 63	76 65	67 43	70 45	74 58	73 60	71 55	80 45	73 43	80 61	78 49	79 51	77 51	70 57	67 55	70 40	74 37	76.7 53.2		
GREENVILLE	MAX MIN	82 51	86 56	87 56	88 56	80 48	85 49	81 62	70 66	82 68	79 58	75 66	86 66	84 66	77 60	79 58	70 41	70 41	69 41	67 49	77 61	76 50	76 50	80 53	74 58	75 54	78 54	76 53	66 56	66 48	76.3 55.6			
HEADLAND	MAX MIN	81 47	86 54	87 54	88 47	82 48	85 48	84 60	72 65	82 63	85 64	86 64	86 64	86 64	80 54	83 52	75 42	70 44	72 48	67 48	80 58	70 48	75 49	80 53	74 58	75 53	76 53	74 52	72 52	71 49	75 53	78.8 54.7		
HIGHLAND HOME	MAX MIN	85 51	88 51	90 61	90 56	83 53	88 54	83 59	69 65	84 66	82 56	77 56	87 64	85 67	80 61	85 66	76 43	71 43	69 43	71 47	65 59	88 59	76 51	78 50	78 52	75 59	75 52	77 52	76 51	65 56	65 49	71.5 55.8		
OZARK 6 NNW	MAX MIN	87 61	85 59	90 64	84 51	84 58	82 58	76 51	82 65	81 65	85 65	85 65	82 65	83 67	79 67	76 46	69 46	70 46	69 50	80 62	75 50	77 53	78 53	75 47	74 53	77 53	74 53	69 52	67 56	75 57	72 48	78.4 58.0		
PHENIX CITY 2 NNW	MAX MIN	80 52	89 54	87 56	90 54	82 50	83 52	83 54	74 63	83 63	85 65	87 64	86 62	86 64	84 64	84 56	85 42	78 38	75 42	75 42	75 57	75 52	76 50	80 50	84 50	76 50	76 52	74 52	71 54	71 48	75 40	80.2 55.4		
PITTSVIEW	MAX MIN	83 43	85 47	86 49	89 46	83 39	83 39	83 51	71 66	81 67	84 68	84 65	87 64	86 66	81 66	85 60	75 42	69 46	74 47	70 59	80 61	77 46	80 42	78 41	80 41	77 47	78 50	80 47	75 47	65 58	67 48	77 48	78.6 53.5	
THOMASVILLE	MAX MIN	83 51	85 54	87 55	87 54	81 48	80 48	80 59	75 67	85 69	76 51	75 51	86 60	81 68	81 62	74 58	66 43	68 45	69 45	62 47	65 59	72 59	65 49	74 54	77 54	78 54	77 54	76 56	68 56	60 46	65 43	75.2 54.1		
TROY	MAX MIN	88 55	89 59	90 60	82 58	86 54	83 66	77 65	83 66	83 66	74 57	86 66	85 66	83 66	82 67	75 49	72 59	68 49	71 58	80 58	70 48	75 53	78 56	80 52	71 58	75 56	74 55	65 58	67 55	69 51	75.2 58.5			
WHATLEY	MAX MIN	88 53	89 62	90 65	88 60	89 49	88 52	82 66	85 67	85 65	84 58	88 69	84 62	73 60	74 56	72 55	71 44	72 45	70 45	76 58	70 58	82 58	72 45	73 45	82 51	80 55	80 53	72 52	70 51	72 47	78.9 55.1			
GULF	08																																	
BAY MINETTE	MAX MIN	86 59	88 60	90 63	85 61	85 54	80 65	75 65	82 83	81 70	79 65	89 68	89 68	80 67	80 67	74 66	74 58	68 55	73 46	68 46	70 61	67 58	73 53	76 54	83 63	81 57	82 57	77 53	75 49	73 56	75 52	77.5 59.7		
COOEN	MAX MIN	87 56	86 58	98 62	88 53	87 62	80 73	81 72	85 66	83 73	89 53	89 68	89 78	89 63	80 59	72 59	76 53	74 57	75 53	76 61	72 57	76 53	80 52	80 63	81 57	85 57	83 57	71 63	77 55	79 49	78 50	81.2 59.7		
FAIRHOPE 2 NE	MAX MIN	86 55	84 58	87 62	85 63	84 55	80 66	76 66	81 70	85 67	79 56	87 66	87 66	78 68	80 68	79 60	66 59	74 53	65 55	72 61	70 58	75 53	79 56	80 52	79 57	81 56	78 57	72 61	69 57	74 56	76 49	78.1 60.0		
FORT MORGAN	MAX MIN																																	
MOBILE WSO	MAX MIN	87 59	88 62	92 66	87 62	85 55	80 71	76 70	87 69	85 62	81 55	88 65	89 71	80 70	81 66	71 62	75 56	68 56	75 49	74 60	67 59	70 59	85 55	78 55	85 64	83 59	81 59	80 62	76 66	68 57	76 53	79.8 61.1		
ROBERTSDALE 1 E	MAX MIN	82 50	82 54	88 56	90 60	91 53	85 53	82 66	75 67	81 67	86 57	80 57	88 67	86 70	80 65	84 59	73 45	69 45	75 45	65 59	72 59	77 58	70 53	77 48	80 52	82 57	82 55	83 59	81 60	76 56	69 48	77 48	79.6 57.7	

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
OCTOBER 1970

Station	Day Of Month																															Total Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEQMUNT PLATEAU 05																																	
MARTIN DAM	EVAP	.15	.03	.08	.29	.27	.06	.01	-	-	-	-	.17	.06	-	.00	.22	.19	.09	.04	.09	.09	.09	.22	-	-	.25	.04	-	-	-	-	-
	WIND	1	1	1	16	4	8	5	8	7	1	0	1	4	2	3	34	13	3	4	2	3	1	1	1	1	1	1	1	1	3	3	
* * * PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM	EVAP	.19	.15	.22	.21	.22	.16	.15	.11	.11	.19	.06	.42	-	-	.22	.04	.12	.22	.08	-	.10	.10	.08	.09	.12	.11	.12	.10	.09	.08	.05	
	WIND	22	9	17	41	29	40	62	91	156	34	5	38	32	60	50	98	107	57	80	49	55	33	13	22	39	5	31	68	69	80		
	MAX	90	91	91	92	84	85	82	85	86	75	81	87	82	73	86	70	74	70	75	63	76	71	77	73	80	83	82	77	68	63	70	
	MIN	51	56	60	62	56	49	59	69	70	55	50	67	69	66	62	55	48	46	50	58	61	55	52	46	60	59	58	60	61	50	43	
* * * GULF 08																																	
FAIRHOPE 2 NE	EVAP	.17	.12	.16	.22	.08	.10	-	.05	.08	.13	.13	.01	-	.16	.13	.11	.19	.04	-	.17	.10	.08	.10	-	.13	.13	.08	.07	.00	.13	.12	
	WIND	8	9	10	14	3	10	17	10	19	34	15	13	18	24	36	48	28	22	27	26	27	14	6	20	9	6	2	6	22	36	19	
	MAX	87	88	90	88	81	71	76	82	89	88	88	85	82	89	86	72	75	72	71	83	80	80	80	86	87	86	81	78	71	82	81	
	MIN	62	65	73	67	59	68	68	66	72	62	68	76	72	70	65	61	52	57	61	65	62	58	59	71	63	61	62	64	67	59	55	

See Reference Notes Following Station Index

STATION INDEX

ALABAMA OCTOBER 1970

Table with columns for station name, date, time, and various codes. Includes entries like 'ARBEVILLE 1 NW', 'ALBERTA', 'ALBERTVILLE 2 SE', etc., with associated numerical data and codes.

1 DRAINAGE CODE 1-ALABAMA 2-BLACK WARRIOR 3-CARABA 4-CHATTANOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBIE

Additional information regarding the climate of Alabama may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist at National Weather Service Office, Dannelly Field, R.F.D. 2, Montgomery, Alabama 36108, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- ✓ Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

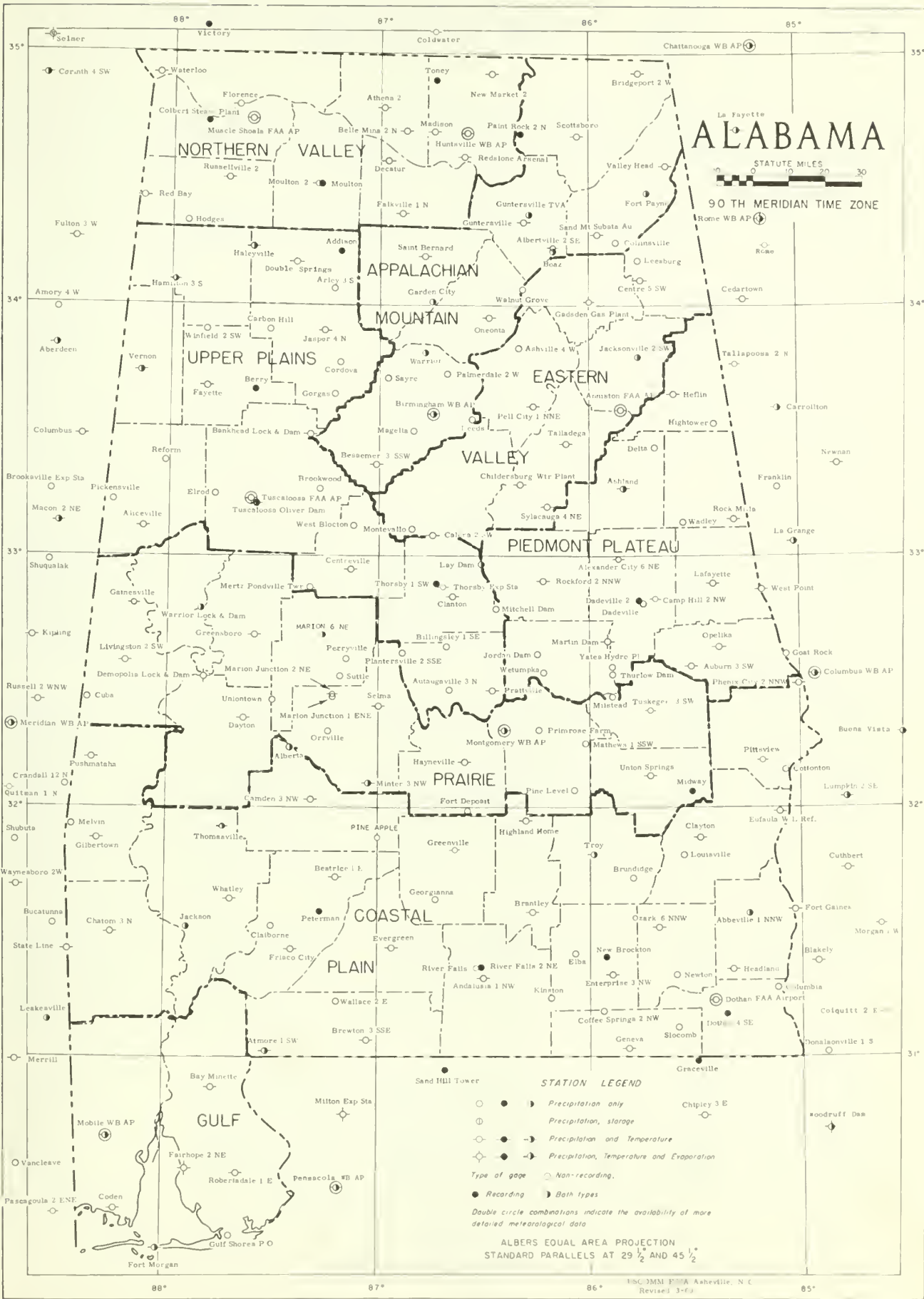
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



ALABAMA

STATUTE MILES
0 10 20 30

90 TH MERIDIAN TIME ZONE

STATION LEGEND

● Precipitation only
 ○ Precipitation, storage
 ○● Precipitation and Temperature
 ○●→ Precipitation, Temperature and Evaporation
 Type of gage ○ Non-recording,
 ● Recording ● Both types

Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

5

6

7

8

9

10

11

12

CLIMATOLOGICAL DATA

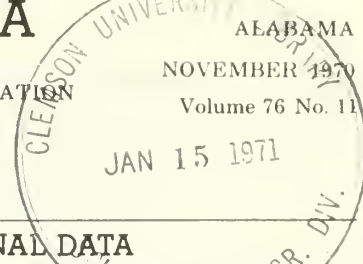
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

ALABAMA

NOVEMBER 1971

Volume 76 No. 11

JAN 15 1971



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Days	No. of Days			
										Above		Below									Total	Max.	Min.
										37° or More	32° or More	32° or More	37° or More										
0° or More	32° or More	37° or More	0° or More	0° or More	0° or More	0° or More	0° or More	0° or More	0° or More	0° or More	0° or More	0° or More											
* * * NORTHERN VALLEY 01																							
ATHENS 2	57.5M	34.2M	45.9M		75 30+	9 24	56.7	0	1	0	0	2.45		.93 20		.0	0		5	3	0		
BELLE MINA 2 N	59.8	36.5	48.2		74 30	12 24	4.99	0	1	10	0	2.13		.73 20		.0	0		4	2	0		
FALKVILLE 1 N	58.9	33.9	46.4		75 30	13 25+	5.48	0	1	14	0	2.34		.85 20		.0	0		5	3	0		
FLORENCE	60.4	34.3	47.4		74 29+	5 24	5.21	0	0	11	0	2.09		.71 14		T	0		5	1	0		
HUNTSVILLE WSO	59.6	37.7	48.7	- 2.1	76 30+	15 24	4.84	0	1	8	0	2.58	- 1.07	.81 20		.0	0		5	2	0		
MADISON																							
MOULTON 2	60.4	37.7	49.1		75 29+	12 24	4.74	0	1	7	0	2.41		.79 20		T	0		5	1	0		
MUSCLE SHOALS FAA AP	58.4	39.2	48.8		73 29+	13 24	4.79	0	1	0	0	2.07		.57 14		.0	0		5	1	0		
NEW MARKET 2	58.5	35.6	47.1		75 29	11 24	5.31	0	1	12	0	2.23		1.20 20		.0	0		3	1	1		
RED BAY	59.9	37.0	48.5		75 30+	12 24	4.91	0	0	8	0	2.69		.74 14		.0	0		5	3	0		
REDSTONE ARSENAL																							
RUSSELLVILLE 2	59.6	35.7	47.7		75 30	12 24	5.14	0	1	9	0	2.68		.76 20		.0	0		5	3	0		
WATERLOO	57.7	33.3	45.5		74 30+	10 25+	5.78	0	0	11	0	2.43		.81 18		.0	0		4	3	0		
DIVISION			47.7	- 2.9								2.43	- 1.56			T							
* * * APPALACHIAN MOUNTAINS 02																							
ALBERTVILLE 2 SE	59.3	36.5	47.9	- 2.3	76 29	11 24	5.06	0	1	10	0	2.20	- 1.86	1.03 23		.0	0		4	2	1		
BESSEMER 3 SSW	61.3	36.2	48.8		75 30+	13 24	4.81	0	0	9	0	2.81		1.60 20		.0	0		5	2	1		
BIRMINGHAM WSO	60.7	36.0	48.4	- 4.9	76 30	13 24	4.93	0	0	9	0	2.31	- 1.22	.96 20		T	0		4	2	1		
BRIDGEPORT 2 W	59.4	34.2	46.8		72 29	10 25+	5.39	0	1	12	0	1.93	- 2.08	.71 20		.0	0		6	1	0		
GUNTERSVILLE	60.3	38.1	49.2		74 30+	13 24	4.65	0	0	6	0	1.92		.89 18		.0	0		3	2	0		
DNEENTA																							
SAINT BERNARD	59.9	33.4	46.7		75 2	11 24	5.44	0	0	11	0	2.68		1.11 20		.0	0		5	2	1		
SAND MT SUBSTA AU	57.9	33.2	45.6	- 4.3	73 30	12 24	5.74	0	1	15	0	2.39	- 1.90	.73 10		T	0		4	3	0		
SCOTTSBORO	58.7	36.4	47.6		71 30+	10 24	5.19	0	1	10	0	2.55		1.01 20		.0	0		4	2	1		
VALLEY HEAD	60.4	33.8	47.1	- 3.3	75 1	12 24	5.30	0	0	12	0	2.21	- 1.91	.84 20		.0	0		4	1	0		
DIVISION	58.4	31.6	45.0	- 4.3	73 30	8 24	5.93	0	1	15	0	2.51	- 1.44	1.16 20		T	T	4	6	1	1		
* * * UPPER PLAINS 03																							
ALICEVILLE	60.4	35.9	48.2		78 30	16 24	4.99	0	0	11	0	3.40		2.70 20		.0	0		3	1	1		
BANKHEAD LOCK AND DAM	61.2	36.8	49.0		77 30	16 24	4.72	0	0	9	0	2.10		.86 20		.0	0		4	2	0		
CENTREVILLE	62.5	34.3	48.4	- 5.1	78 30	11 24	4.88	0	0	15	0	2.35	- 1.04	.90 20		.0	0		5	3	0		
CLANTON	61.5	35.7	48.6	- 4.3	77 30	15 25+	4.84	0	0	10	0	2.30	- 1.11	.80 20+		.0	0		4	3	0		
DOUBLE SPRINGS	58.8	34.5	46.7		75 29	10 24	5.43	0	0	13	0	2.19		.75 10		.0	0		4	3	0		
FAYETTE																							
HALEYVILLE	61.1M	32.3M	46.7M		78 29	11 24	5.87	0	0	0	0	1.95		.85 20		.0	0		4	2	0		
HAMILTON 3 S	58.4	36.2	47.5		75 30	11 25+	5.23	0	1	10	0	2.46		1.00 20		.0	0		4	2	1		
JASPER 4 N	60.1	30.3	45.2		77 30	10 25+	5.85	0	0	18	0	2.46		.93 20		.0	0		4	3	0		
PRATTVILLE	60.5	33.6	47.1		75 30+	10 24	5.31	0	0	13	0	2.47		.85 20		.0	0		4	3	0		
TUSCALOOSA OLIVER DAM	65.9M	36.8M	51.4M	- 3.1	16 25	390	0	0	0	0	0	1.23	- 2.03	.59 20		.0	0		3	1	0		
TUSCALOOSA FA A P																							
VERNON	61.9	39.1	50.5		80 29	15 24	4.28	0	0	4	0	1.79		.72 9		.0	0		3	3	0		
TUSCALOOSA OLIVER DAM																							
VERNON	62.3	36.6	49.5		78 30+	15 24	4.61	0	0	10	0	2.68		.84 18		T	0		7	2	0		
DIVISION	61.8	37.2	49.5	- 3.9	75 30	18 25+	4.58	0	0	7	0	3.02	- .66	.79 20		.0	0		7	3	0		
DIVISION	62.1	35.3	48.7	- 4.6	78 30	11 24	4.81	0	0	12	0	2.29		.71 20		.0	0		6	2	0		
* * * EASTERN VALLEY 04																							
ANNISTON FAA AP	62.1	36.3	49.2		76 30	14 25	4.68	0	0	7	0	1.97		.57 20		.0	0		4	2	0		
CALERA 2 SW	63.0	36.0	49.5		78 29	12 25	4.57	0	0	9	0	2.68		1.45 20		.0	0		2	2	0		
CENTRE 5 SW	61.1	33.6	47.4		75 30	12 25	5.22	0	0	12	0	3.31		1.41 19		.0	0		6	2	1		
CHILDEPSBURG WTR PLANT	63.6	36.5	50.1		78 30	14 25	4.41	0	0	10	0	2.12		.71 20		.0	0		4	2	0		
GADSDEN GAS PLANT	60.0	36.7	48.4	- 3.0	73 29+	14 25+	4.92	0	1	11	0	2.26		1.07 20		.0	0		3	3	1		
PELL CITY 1 NNE																							
SYLACAUGA 4 NE	63.5	32.4	48.0		75 9+	13 26+	5.05	0	0	16	0	2.08		.70 20+		.0	0		5	2	0		
TALLAOEGA	64.1	37.6	50.9		79 30	14 25	4.16	0	0	6	0	2.30		1.06 20		.0	0		4	2	1		
DIVISION	62.6	37.5	50.1	- 2.8	77 30	15 25+	4.41	0	0	9	0	2.37	- .84	.74 20		.0	0		4	3	0		
* * * PIEDMONT PLATEAU 05																							
ALEXANDER CITY	62.8	34.8	48.8		77 30	14 25	4.77	0	0	12	0	2.02		1.27 10		.0	0		3	1	1		
ASHLAND	59.5	35.2	47.4		76 30	11 24	5.22	0	0	7	0	2.68		.90 10		T	0		6	2	0		
AUGURN 3 SW	63.9	37.9	50.9	- 4.2	77 30+	15 24	4.15	0	0	7	0	2.18	- 1.24	1.26 10		.0	0		4	2	1		
CAMP HILL 2 NW	61.6	35.1	48.4		76 30	13 24	4.93	0	0	11	0	3.21		1.97 10		.0	0		3	2	2		
HEFLIN	60.9	31.0	46.0		77 30	10 25	5.64	0	0	14	0	2.29		.75 9		.0	0		4	3	0		
LAFAYETTE																							
MARTIN OAM	64.6	41.8	53.2		80 30	14 24	3.48	0	0	5	0	2.34		1.34 10		.0	0		3	2	1		
OPELIKA	64.1	38.8	51.5		76 30	16 25	3.98	0	0	6	0	2.21	- .94	1.84 9		T	0		4	1	1		
ROCKFORD 2 NNW	62.7	36.5	49.6		75 30	16 25+	4.54	0	0	6	0	2.18		1.36 10		.0	0		4	1	1		
ROCK MILLS	61.9	36.4	49.2		77 30	14 24	4.69	0	0	8	0	1.62		.73 10		.0	0		3	1	0		
DIVISION	63.0	31.5	47.3	- 4.8	79 30	12 26+	5.26	0	0	18	0	1.82		1.17 10		.0	0		4	1	1		
DIVISION			49.2	- 4.8								2.26	- 1.09			T							

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days				
										90° or Above	80° or Above	70° or Above	60° or Above					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
	Max.	Min.	90° or Above	80° or Above	70° or Above	60° or Above	90° or Above	80° or Above	70° or Above	60° or Above	90° or Above	80° or Above	70° or Above	60° or Above	90° or Above	80° or Above	70° or Above	60° or Above	90° or Above	80° or Above	70° or Above	60° or Above		
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
* * * PRAIRIE 06																								
OAYTON	65.9	37.9	51.9		79	29	17	25+	385	0	0	7	0	1.84		.67	14		.0		3	2	0	
OWMOPOLIS LOCK AND OAM	63.1	34.9	49.0		78	30	17	25	474	0	0	11	0	2.13	- 1.04	.82	10		.0		3	2	0	
GAINESVILLE	62.3	36.0	49.2		80	30	17	25+	470	0	0	9	0	1.67		.71	10		.0		3	2	0	
GREENSBORO	62.9	36.2	49.6	- 6.5	77	30+	15	24	455	0	0	7	0	1.79	- 1.47	.75	20		.0		4	1	0	
HAYNEVILLE	62.7M	36.4M	49.6M		77	30	15	25	465	0	0	0	0	1.45		.90	10		.0		3	1	0	
LIVINGSTON 2 SW	64.0	36.1	50.1		79	30	16	25+	440	0	0	9	0	1.93		.66	10		.0		3	3	0	
HARION JUNCTION 2 NE	61.9	36.2	49.1		77	30	16	25+	473	0	0	8	0	1.64		.68	14		.0		4	1	0	
MINTER 3 NW	62.8	37.3	50.1		76	30+	15	25	442	0	0	6	0	2.05		1.02	10		.0		3	2	1	
MONTGOMERY WSD R	64.3	38.7	51.5	- 2.7	78	30	18	25+	398	0	0	6	0	1.50	- 1.52	.97	9		.0		3	1	0	
SELMA	65.4	40.1M	52.8M	- 3.8	79	30	19	25	358	0	0	5	0	1.82	- 1.30	.70	10		.0		3	2	0	
TUSKEGEE 3 SW																								
UNION SPRINGS	63.6	39.0	51.3	- 4.9	76	30	16	26+	405	0	0	5	0	1.69	- 1.18	1.39	10		.0		2	1	1	
DIVISION			50.4	- 5.3										1.77	- 1.39				.0					
* * * COASTAL PLAIN 07																								
ANOLUSIA 1 NW	64.1	35.7	49.9		75	20+	16	25	446	0	0	12	0	1.74		1.16	10		.0		3	1	1	
ATHORE 1 SW	67.4	39.5	53.5		77	30+	19	25	342	0	0	3	0	2.45		1.31	9		.0		5	1	1	
BEATRICE 1 E	64.9	34.2	49.6		78	29	14	25	457	0	0	13	0	2.35		1.40	10		.0		3	2	1	
BRANTLEY	66.6	34.9	50.8		78	30+	14	25	423	0	0	10	0	2.17	- .96	1.48	10		.0		3	1	1	
BREWTON 3 SSE	66.6	36.4	51.5	- 4.8	77	19	17	25	399	0	0	11	0	2.49	- .89	1.17	10		.0		4	2	1	
CAMOEN 3 NW	65.1	35.2	50.2		76	29	13	25	436	0	0	12	0	1.75		.78	14		.0		3	2	0	
CHATON 3 N	66.8	38.5	52.7		84	30	23	25	366	0	0	7	0	2.88		1.69	9		.0		2	2	2	
CLAYTON	63.9	39.1	51.5		76	10	17	25+	396	0	0	6	0	2.99	.02	2.52	10		.0		2	1	1	
ENTERPRISE 3 NW	64.0	38.9	51.5		76	30	18	25+	401	0	0	6	0	2.10		.96	10		.0		3	2	0	
EUFALA WILDLIFE REF	64.5	36.9	50.7		76	30	14	25	419	0	0	8	0	2.34		1.97	10		.0		2	1	1	
EVERGREEN	67.2M	38.3M	52.8M		78	30+	19	25	361	0	0		0			1.28	10		.0				1	
FRISCO CITY	64.6	39.0	51.8		78	20	18	24	392	0	0	7	0	2.88	- 1.14	1.70	10		.0		3	2	1	
GENEVA	65.5	35.6	50.6		78	29+	21	24	429	0	0	6	0	3.49	.42	1.79	14		.0		3	2	2	
GILBERTOWN	66.2	36.7	51.5		78	29	17	25	399	0	0	11	0	1.72		1.00	14		.0		3	1	1	
GREENVILLE	63.9	38.0	51.0	- 5.8	77	30	11	25	417	0	0	8	0	1.86	- 1.98	1.54	10		.0		2	1	1	
HEALANO	63.2	37.3	50.3		77	10	15	25	436	0	1	7	0						.0					
HIGHLANO HOME	64.3	39.7	52.0	- 4.6	77	30	18	25+	381	0	0	4	0	1.54	- 1.81	1.18	10		.0		3	1	1	
OZARK 6 NNW	65.8	41.3	53.6	- 4.4	78	30+	17	24	338	0	0	4	0	2.77	- .20	1.73	9		.0		3	2	1	
PHENIX CITY 2 NNW	64.2	36.8	50.5		75	29+	14	24	426	0	0	8	0	2.34		1.75	10		.0		3	1	1	
PITTSVIEW	64.6	34.5	49.6		77	30	12	26+	460	0	0	11	0	1.99		1.49	10		.0		2	1	1	
THOMASVILLE	62.8	37.9	50.4	- 5.5	76	30	17	25	433	0	0	7	0	1.62	- 2.03	.82	14		.0		3	1	0	
TROY	64.6M	40.6M	52.6M	- 3.8	78	30	17	25	363	0	0	4	0	1.99	- 1.26	1.51	10		.0		3	1	1	
WHATLEY	66.2	35.9	51.1		79	30	15	25	411	0	0	10	0	2.42		.90	14		.0		4	3	0	
DIVISION			51.3	- 5.3										2.28	- 1.04				.0					
* * * GULF 08																								
BAY MINETTE	67.6	43.5	55.6		78	30+	21	24	281	0	0	3	0	2.52		1.96	9		.0		4	1	1	
COEN	69.3	43.3	56.3		80	1	24	25+	260	0	0	2	0	.88		.46	9		.0		3	0	0	
FAIRHOPE 2 NE	66.6	44.7	55.7	- 3.2	78	19	23	25+	279	0	0	3	0	2.69	- .47	1.52	9		.0		5	1	1	
FORT MORGAN																								
MOBILE WSD	67.5	44.2	55.9	- 3.0	79	1	19	24	25+	273	0	0	4	0	1.54	- 1.81	.92	9		.0		3	1	0
ROBERTSOALE 1 E	67.4	42.1	54.8		80	29	21	25	308	0	0	5	0	3.74	.46	2.05	10		.0		4	2	2	
DIVISION			55.7	- 3.2										2.27	- 1.17				.0					

EXTREMES

HIGHEST TEMPERATURE CHATON 3 N	84	OATE	30
LOWEST TEMPERATURE FLORENCE	5	OATE	24
GREATEST TOTAL PRECIPITATION BRONCKWOOD	3.80		
LEAST TOTAL PRECIPITATION COEN	.88		
GREATEST 1 DAY PRECIPITATION BRUNOIOGE	3.09	OATE	10
GREATEST TOTAL SNOWFALL 10 STATIONS	T		
GREATEST DEPTH OF SNOW VALLEY HEAD	T	OATE	04

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1970

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • NORTHERN VALLEY 01																																
ATMENS 2	2.45										.55	.02		.30	.11				.50	.02	.93			.02								
BELLE MINA 2 N	2.13		.05		.03				.29	.03			.39						.52	.09	.73				T							
FAKVILLE 1 N	2.34									.56			.25	.11					.57	T	.65			T								
FLORENCE	2.09		.14								.35			.71					.33	.01	.48			.03	.02							
HODGES	2.40			.05							.55	.03		.50	.03				.55		.62				.02							
HUNTSVILLE WSD	2.58		.01	.01					.43			T		.38					.54	.40	.61		T									
HADISON	2.41		.07		.04				.42	.17		.04		.38	T				.46	.04	.79		T									
MOULTON 2	2.07		.36	T					.33				.04	.57					.35	.35	.05		.02									
MUSCLE SHOALS FAA AP	2.23		.05		.06									.43	.05	1.20			.43	.05	1.20											
NEW MARKET 2																																
RED BAY	2.69		.10	.02					.59				.74	.07					.40		.70			.04	.04						.03	
REDSTONE ARSENAL	2.68				.03				.50				.42						.58	.35	.76		.04									
RUSSELLVILLE 2	2.43			T									.37	T					.81	T	.56											
WATERLOO	2.17		.03							1.11			.69		.05				.21	.11			.06									
• • • APPALACHIAN MOUNTAINS 02																																
ALBERTVILLE 2 SE	2.20		.19											.46					.52					1.03								
BESSEMER 3 SW	2.91										T	.61	T	T	.11				.19	T	.46			.09								
BIRMINGHAM WSD	2.31		T		T				.55			.03	.02	.34	T				.37	T	.46		.04	T								
BOAZ	2.48								.87				.32	.03					.27	.06	.93											
BRIDGEPORT 2 W	1.93		.07		T				.44	.03			T	.26	.03				.39		.71											
COLLINSVILLE	1.98					.14			.48			.14	T						.16	.08	.98											
FORT PAYNE	2.44			T	T	.05			.50			.25									1.04											
GARDEN CITY	2.42								.12	.56		T		.53					.53		.87			.07								
GUNTERSVILLE	1.92								.42										.89	.06	.55											
LEEDS	2.46								.08	.46			.02	.34	.03				.28	.03	1.19			.03								
MAGELLA	3.08								.62				.03	.37	.04				.25	.19	1.54	.32		.02								
DNEDNHA	2.68								.83					.37					.15	.22	1.11											
PALMERDALE 2 W	2.21								.92				.30	.33					.30		.68											
SAINT BERNARD	2.39	T	.03		T				.73			.01	T	.38	T				.63	.05	.54			.02								
SAND MT SUBSTA AU	2.55		.03		.02				.60	.05	.01			.38	.03				.41	.01	1.01											
SAYRE	2.15								.60										.32		.20		1.03									
SCOTTSBORO	2.21				.04	T			.38					.41	.02				.48	.04	.84											
VALLEY HEAD	2.51				.14	T			.49	T	T			.21	.05			T	.32	.14	1.16											
WARRIOR	2.30		T	.05					.55	T	T			.25	T				.30		1.15											
• • • UPPER PLAINS 03																																
ALICEVILLE	3.40												.45							.25	2.70											
ARLEY 3 S	2.39										.42								.90	.15	.92											
AUTAUGAVILLE 3 N	2.30								.94					.54							.82											
BANKHEAD LOCK AND DAM	2.10								.50	.28	.01	.02	.02	.00					.20	.03	.86			.08								
BILLINGSLEY 1 SE	2.46								.80	.03				.60					.05		.98											
BROOKWOOD	3.80		.05						T	1.30		.15							.90	.05	1.35	T										
CARBON HILL	1.81								.42				.30						.47		.62											
CENTREVILLE	2.35								.13	.55		.11		.35					.09	.02	.90											
CLANTON	2.30								.10	.80		T		.60					T	T	.80											
CORDOVA	2.43								.05	.75		.02		.36					.32		.93											
DOUBLE SPRINGS	2.19		.01	.02					.75	.01									.68	.02	.66			.04								
ELROD	2.20								.60				.30	.40					.20		.70											
FAYETTE	1.95								.55	.1				.40	.05	.85			.40	.05	.85											
GORGAS	2.11								.65	.02			.38	.02					.19	.03	.78			.04								
HALEYVILLE	2.46		T	.03		T			.45	.03			.52	.09					.52	.02	1.00			.04								
HAMILTON 3 S	2.46			.01		T			.58	.08		.05		.29	.07				.50	T	.93		T									
JASPER 4 N	2.47		.03						.63	.60		.03		.35					.51	.05	.85											
LAY DAM	2.17								.60				.01	.30					.05		.93											
MITCHELL DAM	1.49								.63				.04	.41						.05	.34	.32										
PICKENSVILLE	1.37			.04					.24			.10		.40	.04				.14		.31			.10								
PLANTERSVILLE 2 SSE	1.80								.65				.65						.05		.65											
PRATTVILLE	1.23								.05	.15			.34						.05	.05	.59											
REFORM	2.22					.02			.46			.15		.35	.35				.16	.03	.62			.06								
THORNSBY EXP STATION	1.79								.72				.51						.01		.55											
TUSCALOOSA FAA AP	2.68								.45			.21	.14	.19					.84	.04	.71		.10									
TUSCALOOSA OLIVER DAM	3.02								.02	.72		.10	.02	.40					.64	.21	.79			.12								
VERNON	2.29								.51	.10		.19		.37					.41		.71											
WEST BUDGETON	1.85								.20	.50		.02		.45					.10	.15	.45											
WINFIELD 2 SW	2.45			.22					.44			.10		.27	.04				.57	.04	.70			.07								
• • • EASTERN VALLEY 04																																
ANNISTON FAA AP	1.97					T			.53					.40					.47	T	.57		T	T								
ASHVILLE 4 W	2.04								.11	.45				.31					.35		.82											
CALERA 2 SW	2.08								.77					1.23							1.45											
CENTRE 5 SW	3.31		.17		.06								T	.48	T				.28	.11	1.41			.03								
CHILDERSBURG WTR PLANT	2.12								.66				.06	.36	.04				.28		.71											
GADSDEN GAS PLANT	2.26																															

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1970

Continued

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
GREENSBORO	1.79								.38				.03	.49					.13	.75											.01		1970		
HAYNEVILLE	1.95							.01	.90					.31				.03	.02	.18															
LIVINGSTON 2 SW	1.93								.66					.65						.62															
MARION 6 NE	2.56							.45	.35			.04		.62				.04		1.06															
MARION JUNCTION 2 NE	1.64							.12	.34		.01			.68	T			.03		.40				.06											
MATHEWS 1 SSW	1.70								1.53					.17																					
MILLS LEAD	2.90								1.67					.25					.04		.94														
WINTER 3 NW	2.05								1.02					.25		.59		.02	.04		.38														
MONTGOMERY WSD	1.50								.97				.02	.15	T		.75		.02	.01	.33														
ORRVILLE	1.91								.30	.26	.05									.55															
PERRYVILLE	1.84								.10	.33				.62				.05	.10	.64															
PINE LEVEL	1.38								1.07					.19									.10												
SELMA	1.82								.05	.70				.60				T	.02	.45															
SUTTLE	1.79								.16	.46				.62						.55															
TUSKEGEE 3 SW																																			
UNION SPRINGS	1.69								1.39					.09					.03	.13	.05														
UNIONTOWN	2.02	T								.45				.72				.05		.80	T														
WARRIOR LOCK AND DAM	2.72								1.63				.01	.48						.55															

COASTAL PLAIN 07																																			
ABBEVILLE 1 NNW	2.36								1.70					.58						.08															
ALBERTA	2.10	T							.14	.45				.85	T			.02		.64															
ANDALUSIA 1 NW	1.74								1.16					.34	T				.05	.10															
ATHORE 1 SW	2.45								1.31	.18			T	.29					.09	.21															
BEATRICE 1 E	2.35								1.40					.53				T		.42															
BRANTLEY	2.17								1.48					.33					.03	.33															
BREWTON 3 SSW	2.49								.03	1.17				.73					T	.27															
BRUNNIDGE	3.77								3.09					.58	T				T		.10														
CARDEN 3 NW	1.75					T			.62					.78					.07	.28															
CHATHAM 3 N	2.88								1.65					1.65				.06	.01	.07															
CLAIBORNE	2.19								.14	1.03				.70						.27															
CLAYTON	2.99								2.52					.47																					
COFFEE SPRINGS 2 NW	1.28								.46					.57						.25															
COTTONTON	2.27								1.61					.41					.01	.24															
ELBA	3.41								2.53					.58						.01	.21														
ENTERPRISE 3 NW	2.10								.96					.93	T				T	.15															
EUFALA WILDLIFE REF	2.34								1.97					.32						.03	.02														
EVERGREEN									1.28										T	.11															
FRISCO CITY	2.88								1.70					.79					T	.32															
GENEVA	3.49								1.40					1.79					T		.30														
GEORGIANNA	2.17								1.85					.16					.01	.15															
GILBERTOWN	1.72								.47					1.00					T	.25															
GREENVILLE	1.86								1.54					.27						.05															
HEADLAND														.20	.05					.16															
HIGHLAND HOME	1.54								1.18					.20	.02					.14															
KINSTON	2.81								1.49					.01	.93	.01				.02	.05	.01													
LOUISVILLE	2.50								1.98					.42						.10															
NELVIN	2.23								1.80					.91						.52															
NEWTON	2.05								.64					.75					.40																
OZARK 6 NNW	2.77								1.73					.77					.06	.20															
PHENIX CITY 2 NNW	2.34								1.75				.25							.04	.30														
PINE APPLE	1.76								1.10					.50						.16															
PITTSVIEW	1.99								1.49					.38	.02					.03	.07														
RIVER FALLS	1.65								1.15					.27						.23															
SLUCCOMB																																			
THOMASVILLE	1.62								.05	.34			.02	.82	.03				.05		.31														
TROY	1.99								1.51					.34						T	.14														
WALLACE 2 E	3.07								2.00					.52																					
WHATLEY	2.42								.32	.68				.90						.52															

GULF 08																																			
BAY MINETTE	2.52								1.96					.18						.10	.28														
COOEN	.88								.46										.30		.12														
FAIRHOPE 2 NE	2.69								1.52					.47					.13	.38	.12														
FENT MORGAN														1.11						.08	.14														
GULF SHORES P O	2.00								.55	.40				.60						.20	.20														
MOBILE WSD	1.54								.94					.17	.09	.01			.01	T	.26														
ROBERTSDALE 1 E	3.74								.23	2.05		.01	.03	1.02					.25	.08															

SUPPLEMENTAL DATA

		Wind (Speed - m.p.h.)					Relative humidity averages- percent				Number of days with precipitation						Percent of Possible sunshine	Average sky cover sunrise to sunset		
		Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time CENTRAL				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99			2.00 and over	Total
								00	06	12	18									
								00	06	12	18									
BIRMINGHAM WSD	28	1.3	6.7	27	S	19	73	77	64	61	5	3	2	2	0	0	12	55	6.1	

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
• • •																																						
NORTHERN VALLEY 01																																						
ATHENS 2	MAX MIN	75 38	49 32	51 28	48 36	61 29	70 32	72 36	74 48	63 48	56 38	59 37	61 32	62 43	50 35	35 23	48 20	55 33	50 22	64 30	60 26	62 33	54 28	35 9	32 13	48 25	61 43	65 52	73 44	75 46								
BELLE MINA 2 N	MAX MIN	67 39	65 45	52 33	48 32	59 41	69 29	72 34	73 37	67 49	60 49	54 36	62 37	62 47	48 35	46 27	55 22	50 33	62 43	61 30	64 28	62 33	58 25	30 13	47 14	62 31	67 53	73 53	73 45	74 47								
FALKVILLE 1 N	MAX MIN	71 36	70 45	59 30	54 30	48 32	61 30	70 32	73 38	72 39	64 49	56 36	55 38	61 36	62 37	52 38	40 26	47 21	55 22	40 42	47 27	55 27	64 28	63 30	36 13	31 13	47 18	63 42	67 54	74 45	75 44							
FLORENCE	MAX MIN	69 42	60 39	52 32	51 29	65 35	70 30	73 34	74 38	63 40	59 43	60 37	63 39	65 30	46 29	49 24	56 21	51 34	64 42	64 45	64 44	57 34	49 20	34 15	50 13	59 37	67 37	74 49	74 51	72 45								
HUNTSVILLE WSD	MAX MIN	67 43	59 37	52 32	46 33	59 37	69 32	71 37	73 43	63 52	55 42	52 38	63 39	63 34	54 43	43 37	46 29	55 25	52 39	67 45	65 39	63 32	65 38	46 20	31 15	48 17	65 39	69 56	74 56	76 50	76 53							
MAOISON	MAX MIN																																					
MOULTON 2	MAX MIN	70 38	60 40	50 32	48 33	62 40	70 34	73 36	73 40	64 54	60 40	58 39	64 37	65 45	47 34	48 26	56 22	51 37	64 46	64 49	65 27	61 40	55 24	31 12	49 15	61 37	67 54	75 59	75 48	73 50								
MUSCLE SHOALS FAA AP	MAX MIN	69 40	57 40	51 40	48 35	61 40	68 35	71 41	73 42	64 52	56 52	57 39	61 42	61 37	53 44	44 37	46 32	53 27	51 42	64 44	63 38	60 32	57 39	47 21	31 13	46 18	59 40	66 57	73 59	73 49	72 51							
NEW MARKET 2	MAX MIN	69 38	61 44	52 31	48 36	60 30	67 34	70 32	67 42	64 42	59 44	55 43	59 37	60 32	44 32	47 26	52 21	44 37	61 36	63 50	60 22	50 40	57 23	29 11	29 13	63 36	67 52	71 54	75 45	73 53								
REO BAY	MAX MIN	74 41	73 45	59 39	51 33	50 34	63 38	69 38	72 45	73 50	65 47	53 41	63 43	64 35	63 37	51 35	50 26	55 27	54 32	66 39	66 42	61 36	59 30	50 12	33 14	50 17	61 45	69 47	75 55	75 45								
REOSTONE ARSENAL	MAX MIN	68 40	58 34	55 35	48 32	60 36	68 29	72 34	72 38	64 57	58 42	54 38	63 43	64 36	63 34	47 26	55 22	51 35	65 47	63 42	64 35	63 28	45 16	32 12	47 14	62 42	68 56	73 54	72 45	75 47								
RUSSELLVILLE 2	MAX MIN	73 31	70 35	49 33	49 30	68 33	61 29	62 30	72 36	72 37	62 48	55 42	63 32	49 33	39 35	53 24	51 19	63 42	65 48	68 42	54 35	35 10	33 10	42 10	59 15	60 15	74 35	74 43										
WATERLOO	MAX MIN	75 38	69 45	52 37	49 31	64 40	70 30	73 35	74 39	69 47	64 48	61 39	62 45	64 32	56 43	49 32	55 25	51 41	65 45	60 50	61 26	56 36	51 26	33 11	49 15	60 40	67 57	72 58	74 46	71 45								
• • •																																						
APPALACHIAN MOUNTAINS 02																																						
ALBERTVILLE 2 SE	MAX MIN	71 46	60 43	53 29	45 27	54 23	67 31	69 35	72 40	73 43	64 42	60 41	60 37	62 34	49 44	48 36	46 34	54 24	48 34	63 40	59 52	65 30	59 25	30 11	46 15	60 32	68 49	73 50	76 56	72 53								
BESSEMER 3 SSW	MAX MIN	61 47	62 47	56 30	49 29	61 36	69 32	72 35	71 39	62 52	59 44	62 35	62 37	62 47	60 37	49 27	57 31	60 33	65 42	66 46	66 29	58 34	55 25	33 13	46 14	60 34	66 51	75 47	75 43									
BIRMINGHAM WSD	MAX MIN	70 42	60 36	56 31	49 31	60 40	68 32	70 34	72 40	65 51	58 39	59 36	61 38	64 34	56 43	48 27	55 23	57 44	66 47	65 35	65 29	67 34	51 19	33 13	62 16	70 38	73 49	75 54	76 44									
BRIEGEPDORT 2 W	MAX MIN	69 39	65 46	52 28	50 35	59 36	66 29	70 30	71 35	60 40	57 50	67 34	61 46	53 43	49 35	48 32	54 20	51 31	58 39	60 46	63 32	59 29	31 12	31 10	46 10	64 26	63 48	70 38	72 41	67 44								
GUNTERSVILLE	MAX MIN	67 43	55 43	52 44	48 33	61 37	67 34	70 38	74 67	67 50	58 49	56 46	56 40	52 39	46 30	46 27	55 35	59 39	61 40	65 55	65 40	64 31	52 13	38 14	45 25	68 42	74 50	74 45										
ONEONTA	MAX MIN	71 41	75 49	63 30	57 31	67 38	61 33	69 33	71 33	74 40	63 40	57 36	55 37	62 33	65 38	55 28	48 22	52 24	62 41	65 55	62 48	60 28	40 11	33 12	48 16	61 38	71 47	73 43	74 43									
SAINT BERNARD	MAX MIN	71 40	67 50	60 30	53 29	46 31	60 28	66 29	69 33	71 39	64 46	55 40	55 38	62 34	52 36	39 29	46 21	54 23	52 40	65 44	65 27	63 30	60 29	36 12	30 13	46 15	60 45	68 51	72 43	73 44								
SANO MT SUBSTA AU	MAX MIN	71 43	67 47	51 31	47 34	66 32	69 36	70 40	70 48	68 51	62 55	62 35	57 35	61 46	56 43	49 29	52 22	48 35	58 39	60 51	63 28	59 25	28 12	34 10	43 12	59 34	67 48	70 47	70 46									
SCOTTSDORD	MAX MIN	75 40	72 51	65 30	57 38	49 35	61 34	68 40	72 34	74 44	62 50	61 34	66 40	62 34	56 39	46 36	55 21	55 33	47 39	62 45	64 27	56 31	38 12	34 10	46 18	64 18	74 35	74 43										
VALLEY HEAD	MAX MIN	72 41	72 51	62 28	53 30	45 31	57 26	69 28	70 30	72 35	60 52	58 35	72 40	61 34	65 39	57 35	46 20	56 20	48 36	59 45	58 24	63 26	30 29	28 11	31 10	44 12	61 38	72 34	73 40									
• • •																																						
UPPER PLAINS 03																																						
ALICEVILLE	MAX MIN	74 42	70 44	56 32	50 36	53 32	70 34	73 36	64 46	63 44	66 48	58 40	64 33	65 40	48 32	46 31	56 22	56 30	65 34	68 48	66 31	67 26	35 16	37 18	49 22	64 44	67 49	78 50	78 46									
BANKHEAD LOCK AND DAM	MAX MIN	68 43	66 44	60 32	57 32	50 32	63 27	68 36	72 39	72 45	60 42	60 38	64 39	74 42	54 40	47 30	55 27	55 32	62 47	69 34	66 36	66 35	41 16	35 18	62 23	62 44	75 53	77 44										
CENTREVILLE	MAX MIN	75 41	68 47	64 31	59 30	52 35	62 30	70 32	73 32	73 40	72 45	60 31	67 40	57 38	64 40	49 29	51 22	59 28	65 43	70 30	64 34	69 31	43 11	37 15	50 19	65 45	75 42	78 45										
CLANTON	MAX MIN	75 45	70 51	67 34	60 32	49 35	61 34	69 39	71 43	72 43	63 48	60 36	67 39	63 39	58 40	46 31	50 23	58 28	64 43	67 55	64 30	66 32	38 15	36 15	47 15	62 18	65 33	76 41	77 42									
DOUBLE SPRINGS	MAX MIN	70 42	70 53	57 31	51 29	47 31	61 30	69 32	72 40	72 52	63 42	56 38	60 40	63 35	51 35	38 23	50 23	55 25	63 40	63 46	59 36	63 29	37 10	34 12	50 18	62 42	65 46	75 47	74 48									
FAYETTE	MAX MIN	74 43	56 43	55 28	48 31	64 29	70 29	74 34	64 41	64 41	58 41	63 31	65 32	69 44	44 34	51 25	55 20	63 40	69 47	64 36	67 36	67 22	35 11	48 13	64 32	67 22	78 54	77 42										
HALEYVILLE	MAX MIN	73 42	72 44	52 35	50 31	48 32	61 36	71 37	72 46	72 46	62 44	57 40	64 43	61 38	51 35	49 24	54 27	54 32	61 41	64 48	64 32	59 28	36 11	32 11	67 20	72 39	75 52	75 44										
HAMILTON 3 S	MAX MIN	75 31	74 35	53 35	53 28	48 21	61 26	69 35	72 32	72 35	62 42	55																										

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
THORSBY EXP STATION	MAX MIN	70 48	64 51	59 34	50 34	61 34	68 35	71 38	72 42	64 48	60 46	66 40	57 40	65 37	59 46	53 38	49 31	57 26	65 37	61 48	64 54	63 35	66 36	61 33	35 15	45 21	60 34	62 49	73 50	80 48	78 45	61.9 39.1
TUSCALOOSA FAA AP	MAX MIN	70 42	56 37	56 32	50 32	63 36	70 32	71 34	73 40	69 55	58 44	64 36	62 38	65 33	58 45	46 37	50 28	56 25	65 45	70 46	66 38	65 31	67 32	54 23	35 15	47 18	64 38	67 49	75 49	78 44	78 45	62.3 36.6
TUSCALOOSA OLIVER DAM	MAX MIN	73 42	68 44	60 34	56 30	50 30	61 33	69 36	72 43	73 46	70 45	59 39	66 38	61 37	67 40	58 37	50 28	57 29	62 42	69 47	62 55	62 32	68 35	42 18	35 15	49 31	65 41	68 49	74 49	75 45	61.8 37.2	
VERNON	MAX MIN	75 35	66 47	55 29	60 39	69 28	71 31	72 38	65 40	63 42	65 31	63 32	66 32	57 48	49 36	48 25	51 21	60 36	68 37	66 47	63 25	62 34	58 36	36 11	48 14	62 37	58 36	69 56	72 55	71 45	78 43	62.1 35.3
EASTERN VALLEY 04																																
ANNISTON FAA AP	MAX MIN	69 49	67 54	57 36	46 34	60 36	69 35	73 34	74 38	63 45	60 43	65 39	63 39	67 41	62 47	49 26	56 22	50 34	65 47	63 48	68 30	69 34	57 21	33 15	50 14	64 29	72 41	75 41	75 41	76 47	62.1 36.3	
CALERA 2 SW	MAX MIN	72 44	64 40	61 28	51 27	62 35	68 31	75 36	73 42	67 48	59 45	61 36	68 38	58 32	53 45	60 35	61 28	57 33	66 38	61 38	67 42	70 28	56 37	33 14	52 12	62 36	70 54	77 45	78 40	76 46	63.0 36.0	
CENTRE 5 SW	MAX MIN	72 44	73 53	66 32	58 30	48 34	62 33	70 32	72 32	74 32	63 45	61 35	67 35	64 33	68 37	59 32	50 21	56 29	67 47	64 37	63 44	65 30	67 32	39 13	34 12	49 23	63 36	69 36	74 36	75 41	61.1 33.6	
CHILDERSBURG WTR PLANT	MAX MIN	73 45	67 51	58 32	61 34	71 37	72 32	74 32	69 34	69 44	61 40	65 36	62 39	66 42	61 46	54 38	50 28	57 35	57 46	64 46	64 35	69 28	65 30	66 34	50 15	63 14	71 28	72 43	77 42	78 45	63.6 36.5	
GAOSDEN GAS PLANT	MAX MIN	73 44	63 55	56 32	45 34	58 37	68 32	71 36	73 42	61 44	58 52	64 37	62 39	66 39	56 39	49 31	53 22	46 32	63 32	62 42	64 38	66 30	58 14	46 14	60 29	69 45	73 43	72 42	60.0 36.7			
PELL CITY 1 NNE	MAX MIN	75 40	74 52	64 31	55 30	47 32	61 32	70 32	72 32	75 36	64 45	59 35	68 35	63 33	69 33	61 33	57 28	62 20	62 20	63 28	64 45	66 28	72 29	67 30	67 13	57 13	72 13	67 25	70 45	73 45	74 42	63.5 32.4
SYLACAUGA 4 NE	MAX MIN	74 41	70 49	59 33	55 30	61 33	70 30	71 33	73 39	64 45	63 52	66 38	64 38	67 43	62 45	55 38	52 33	60 31	55 31	65 33	70 45	69 34	69 33	64 33	63 16	49 14	63 34	69 51	75 44	77 41	79 47	64.1 37.6
TALLADEGA	MAX MIN	71 46	65 50	59 34	50 33	60 40	70 34	71 35	73 39	65 47	60 52	64 30	62 40	67 42	60 48	58 37	54 29	62 32	68 47	65 49	67 31	68 33	61 29	35 15	50 15	63 28	71 50	74 47	75 43	77 48	62.6 37.5	
PIEOMUNT PLATEAU 05																																
ALEXANDER CITY	MAX MIN	75 46	68 68	70 48	60 32	49 30	62 32	71 34	72 37	73 40	62 47	64 37	69 38	61 40	67 41	63 42	43 31	50 25	57 28	70 40	70 49	65 30	67 29	69 32	40 15	36 14	48 18	62 33	67 42	76 40	77 41	62.8 34.8
ASHLAND	MAX MIN	70 47	67 50	65 35	55 32	45 34	57 33	68 39	68 39	70 42	61 49	60 38	66 38	62 36	64 37	60 27	46 22	56 25	61 39	67 41	62 37	65 34	66 34	38 11	33 13	47 15	60 34	67 45	74 44	76 46	59.5 35.2	
AUBURN 3 SW	MAX MIN	74 54	71 49	72 36	60 33	50 34	61 33	70 35	72 41	74 46	62 52	60 40	67 44	59 44	68 44	68 40	51 44	58 28	65 41	67 55	68 31	68 39	69 40	45 15	37 17	56 27	68 43	77 43	77 43	77 45	63.9 37.9	
CAMP HILL 2 NW	MAX MIN	71 45	65 49	59 33	58 31	69 33	60 32	70 34	72 35	72 38	64 50	60 35	68 38	60 42	67 43	66 40	42 31	48 21	58 23	63 40	63 57	65 29	67 31	43 40	35 14	48 15	61 25	67 46	75 46	76 42	61.6 35.1	
HEFLIN	MAX MIN	68 40	68 50	65 42	58 31	46 33	58 29	66 28	70 31	74 37	63 40	60 33	67 35	65 35	66 38	60 35	66 30	49 18	59 20	56 36	62 46	60 28	65 34	68 12	45 10	62 15	67 36	74 45	77 43	60.9 31.0		
LAFAYETTE	MAX MIN	66 59	72 54	66 42	58 42	63 37	74 36	74 40	73 42	65 45	69 56	67 44	66 49	66 44	69 45	55 40	60 31	59 28	61 52	60 55	65 55	70 50	58 38	65 14	50 18	61 25	68 48	75 48	77 50	80 46	64.6 41.8	
MARTIN DAM	MAX MIN	68 54	75 47	60 42	54 36	61 36	70 36	72 35	73 38	65 44	61 52	67 46	60 39	64 45	67 44	59 37	58 34	65 26	65 32	66 55	67 37	73 32	59 36	36 18	35 16	48 26	61 42	72 45	73 44	76 43	64.1 38.8	
OPELIKA	MAX MIN	65 40	65 51	72 38	59 35	50 35	60 34	70 35	72 35	72 36	67 40	64 36	69 40	60 44	63 44	62 42	59 34	60 24	58 24	65 35	65 55	66 34	69 40	69 16	35 21	65 16	69 21	72 68	73 41	75 45	62.7 36.5	
HOCKFORD 2 NNW	MAX MIN	75 50	70 50	69 30	59 28	47 33	62 34	70 38	72 40	74 45	61 50	61 45	68 38	55 35	68 40	58 26	60 24	60 28	64 43	64 52	65 34	69 38	68 25	40 14	36 15	51 21	63 36	67 51	75 46	77 49	61.9 36.4	
ROCK MILLS	MAX MIN	73 43	65 52	72 35	61 34	48 30	62 30	72 30	73 30	74 32	59 47	65 35	68 35	65 32	71 32	67 41	42 32	58 20	60 20	56 32	60 42	68 29	68 30	45 14	37 12	50 12	61 22	68 37	77 38	79 38	63.0 31.5	
PRAIRIE 06																																
DAYTON	MAX MIN	75 43	67 54	59 31	58 33	62 34	62 36	74 38	75 39	74 45	63 45	65 37	66 40	64 43	65 48	64 33	59 28	62 33	64 48	75 44	74 55	71 32	74 34	40 17	42 17	57 20	65 44	76 49	79 45	78 47	65.9 37.9	
DEMOPOLIS LOCK AND DAM	MAX MIN	73 40	65 41	61 32	59 32	51 32	61 33	69 34	73 37	74 40	72 43	58 36	66 36	60 38	63 39	59 39	48 32	59 25	68 26	70 42	75 47	63 30	64 34	46 17	35 15	52 17	67 20	74 48	78 38	63.1 34.9		
GAINESVILLE	MAX MIN	73 40	70 44	58 33	58 33	52 35	62 32	71 33	74 39	75 45	69 45	68 36	64 38	60 41	63 42	58 27	49 25	67 26	70 50	70 50	62 32	65 31	71 37	42 17	33 20	50 44	62 46	66 50	74 46	80 46	62.3 36.0	
GREENSBORO	MAX MIN	67 44	64 43	59 33	58 33	59 34	72 43	74 44	70 41	58 45	62 45	64 38	64 38	64 38	58 47	52 37	48 30	57 24	69 30	71 40	65 32	67 38	47 25	34 15	36 17	68 25	71 40	72 45	77 45	77 46	62.9 36.2	
HAYNEVILLE	MAX MIN	75 45	64 48	74 34	60 33	51 33	60 33	70 34	73 39	73 42	68 45	61 38	66 39	64 41	62 43	48 30	49 24	58 25	70 46	74 46	64 57	61 31	65 39	71 18	44 15	35 18	65 15	72 49	77 46	77 42	62.7 36.4	
LIVINGSTON 2 SW	MAX MIN	78 39	75 44	60 31	56 30	61 33	63 36	72 34	74 38	76 42	60 43	64 38	66 40	59 41	63 42	59 38	46 22	58 32	71 38	72 45	67 38	73 47	45 16	33 16	50 16	62 20	68 46	75 49	79 45	77 49	64.0 36.1	
MARION JUNCTION 2 NE	MAX MIN	74 44	68 42	64 33	58 30	51 33	60 33	68 34	70 38	71 42	71 45	58 38	64 40	57 39	62 43	58 24	47 25	56 25	69 47	73 57	63 33	64 32	71 36	41 16	36 16	50 16	66 39	66 50	75 45	77 46	61.9 36.2	
HINTER 3 NW	MAX MIN	75 46	64 49	69 34	59 34	51 33	60 35	68 38	70 40	73 43	68 49	59 38	66 37	59 41	65 43	61 42	48 32	58 25	68 46	72 46	64 58	65 39	72 35	64 15	65 17	72 49	75 46	76 46	76 46	76 42	62.8 37.3	
MONTGOMERY WSD	MAX MIN	69 51	74 46	61 38	52 35	61 35	71 35	72 38	74 48	65 48	64 45	67 39	64 41	64 43	60 50	50 32	57 27	71 33	73 67	67 45	65 35	57 35	57 35	27 18	49 18	65 49	69 65	76 46	77 45	78 45	64.3 38.7	
SELMA	MAX MIN	74 45	70 52	58 35	55 33	62 38	70 35	72 38	75 33	71 53	63 49	67 41	63 41	66 41	60 53	57 37	70 32</															

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Station	Day of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
UNION SPRINGS	MAX MIN	72 50	69 53	73 39	59 35	50 36	60 36	68 40	70 40	72 40	72 53	63 43	65 42	63 46	65 47	69 43	44 34	48 28	57 28	69 41	73 56	73 37	65 40	71 44	50 17	36 16	49 16	63 44	71 44	74 40	76 41	63.6 39.0		
COASTAL PLAIN	07																																	
ANDALUSIA 1 NW	MAX MIN	74 50	70 49	73 37	59 34	53 32	59 30	68 32	70 32	74 41	75 50	63 36	65 38	65 38	64 43	67 44	50 35	48 23	57 25	69 43	75 56	68 32	64 30	69 32	52 20	44 16	48 17	64 33	69 39	72 43	74 40	64.1 35.7		
ATMORE 1 SW	MAX MIN	75 45	74 48	67 36	56 33	62 34	69 33	72 36	75 40	73 57	63 47	67 38	67 41	66 40	64 48	60 42	50 37	61 25	75 36	77 52	74 61	68 35	73 35	73 40	45 21	51 19	66 33	72 44	75 44	76 43	77 43	67.4 39.5		
BEATRICE 1 E	MAX MIN	74 40	67 46	64 31	65 31	62 28	67 29	65 30	68 38	70 40	70 60	60 45	61 35	65 36	66 42	59 40	50 34	51 21	61 22	75 47	75 57	75 31	68 48	66 30	53 16	40 14	53 15	70 37	73 43	78 45	77 40	64.9 34.2		
BRANTLEY	MAX MIN	76 50	75 43	77 35	61 31	55 34	61 32	60 30	67 35	76 41	74 50	66 36	70 38	68 37	66 37	68 38	67 36	51 22	61 23	61 33	68 46	78 46	76 34	73 30	50 18	37 14	60 29	65 34	70 36	71 38	78 42	66.6 34.9		
BREWTON 3 SSE	MAX MIN	73 40	74 47	64 33	57 29	61 29	67 29	72 30	74 35	75 52	65 46	67 32	67 37	64 34	67 45	58 44	51 35	60 22	72 33	77 48	70 60	66 32	73 30	62 42	21 21	52 17	67 27	72 40	74 40	75 43	76 40	66.6 36.4		
CAMDEN 3 NW	MAX MIN	67 40	69 47	61 30	55 29	62 27	70 29	72 30	75 38	73 44	61 41	65 44	59 44	64 39	61 44	56 35	49 30	60 23	73 33	75 43	72 50	66 30	67 31	66 14	37 13	68 29	70 47	75 46	76 41	75 42	65.1 35.2			
CHATOM 3 N	MAX MIN	72 46	69 49	62 33	55 36	62 34	71 32	74 37	75 47	73 49	63 43	66 36	65 49	64 46	61 38	56 38	52 35	61 25	75 41	76 45	70 31	67 28	75 33	64 20	41 28	55 23	67 27	72 42	78 52	79 41	84 43	66.8 38.5		
CLAYTON	MAX MIN	70 41	69 49	70 40	60 35	51 33	59 38	69 39	71 44	74 51	76 54	67 40	67 40	66 43	66 44	69 42	45 34	48 29	58 30	65 42	70 54	69 40	70 40	52 39	35 17	49 17	66 22	70 29	73 43	75 50	77 54	63.9 39.1		
ENTERPRISE 3 NW	MAX MIN	75 63	64 51	72 38	59 33	53 34	58 34	68 41	71 48	74 48	75 51	64 41	67 42	66 42	64 44	69 44	48 30	67 29	66 30	73 43	74 56	70 39	68 40	53 38	37 18	62 20	70 46	72 46	76 50	73 50	76 50	64.0 38.9		
EUFULA WILDLIFE REF	MAX MIN	71 52	69 48	73 42	62 37	54 35	60 35	70 34	69 47	74 49	73 50	64 39	69 41	65 40	66 43	65 43	48 36	50 24	59 46	66 56	69 32	72 32	69 14	55 21	69 30	53 14	63 21	74 30	75 35	76 38	76 41	64.5 36.9		
EVERGREEN	MAX MIN	78 48	77 53	75 38	64 35	56 35	63 35	71 36	74 39	76 47	67 50	64 41	69 43	69 44	67 44	53 44	60 36	72 27	77 28	72 46	60 36	66 20	73 36	59 20	40 19	60 21	67 33	73 39	75 43	78 45	78 45	67.2 38.3		
FRISCO CITY	MAX MIN	74 46	71 50	73 35	61 32	53 32	61 34	70 37	73 44	71 49	64 46	62 39	67 41	65 41	66 43	61 40	49 34	50 26	61 30	74 49	78 59	68 37	74 45	46 18	36 19	52 21	68 40	73 49	74 50	76 48	76 48	64.6 39.0		
GENEVA	MAX MIN	75 55	76 53	75 40	64 34	55 34	56 34	73 33	74 44	77 42	78 45	67 35	68 36	68 36	66 36	68 35	47 35	56 28	60 32	63 46	64 33	63 28	66 21	43 24	53 24	63 24	66 39	72 39	78 39	77 37	77 39	65.5 35.6		
GILBERTOWN	MAX MIN	73 39	71 46	61 32	54 29	61 30	70 30	72 32	74 41	72 55	62 40	64 33	68 38	60 42	65 45	62 40	53 37	59 23	72 37	75 39	71 52	63 30	74 31	67 30	42 19	67 17	53 36	68 44	75 48	78 43	77 42	66.2 36.7		
GREENVILLE	MAX MIN	75 49	65 52	74 37	60 31	54 32	60 35	69 37	71 39	74 45	67 49	64 40	67 41	65 42	65 44	63 43	51 32	49 26	57 40	70 45	74 60	69 37	70 38	47 35	67 11	59 21	65 35	70 41	75 35	77 47	76 46	63.9 38.0		
HEAOLAND	MAX MIN	72 54	68 48	73 40	60 34	54 32	58 34	68 39	70 44	72 45	77 50	64 42	66 42	66 40	63 42	68 43	47 33	56 26	71 27	66 39	72 53	67 35	71 45	56 17	63 15	67 47	63 45	72 28	76 41	76 40	76 42	63.2 37.3		
HIGHLAND HOME	MAX MIN	74 54	65 54	74 37	58 33	51 34	60 36	70 39	72 46	74 49	68 52	63 40	64 42	65 42	66 42	65 42	50 35	60 29	68 33	70 46	74 57	73 38	68 42	71 18	47 21	50 18	68 36	72 40	76 50	77 46	77 46	64.3 39.7		
DZARK 6 NNW	MAX MIN	68 46	72 53	64 39	53 35	60 34	69 39	72 43	73 50	76 49	70 54	68 42	65 42	66 41	60 48	56 43	51 34	60 32	67 38	73 55	71 57	69 37	71 40	64 36	36 17	48 18	62 39	71 50	74 52	78 45	78 45	65.8 41.3		
PHENIX CITY 2 NNW	MAX MIN	72 52	67 52	75 37	62 32	52 35	65 35	69 35	72 40	73 42	73 42	64 41	67 41	64 41	67 41	71 41	44 30	48 25	57 43	63 37	64 51	70 41	70 37	49 14	68 15	80 17	60 32	73 47	75 47	77 47	77 47	64.2 36.8		
PITTSVIEW	MAX MIN	72 48	72 46	75 40	62 36	53 35	61 33	69 31	72 32	73 35	74 40	65 39	67 39	64 40	66 44	71 45	45 35	50 21	58 22	66 41	67 55	70 30	66 30	53 17	38 12	49 12	62 30	73 38	74 43	77 37	77 36	64.6 34.5		
THOMASVILLE	MAX MIN	74 44	67 46	66 38	66 32	51 32	59 34	68 35	70 40	74 48	71 44	56 37	65 37	61 45	63 45	61 38	45 34	49 27	58 28	71 47	74 56	64 37	71 44	44 18	36 17	51 21	67 37	69 49	73 47	76 48	76 48	62.8 37.9		
TRDY	MAX MIN	66 55	74 53	62 38	51 31	60 34	68 35	72 41	74 45	74 53	64 50	68 41	65 42	69 48	54 41	49 34	49 33	57 21	65 22	72 41	69 55	67 30	70 30	56 17	44 12	63 12	67 30	74 43	77 43	78 43	78 43	64.6 40.6		
WHATLEY	MAX MIN	76 42	74 47	70 35	55 30	61 31	62 38	66 41	70 40	65 54	70 50	69 42	62 45	65 42	61 45	54 45	60 33	61 21	71 31	73 39	74 48	73 33	73 29	61 32	43 18	52 15	68 29	71 45	72 38	76 39	79 40	66.2 35.9		
GULF	08																																	
BAY MINETTE	MAX MIN	78 49	75 52	63 40	57 35	62 35	70 39	75 44	77 47	76 61	64 48	67 43	65 54	56 43	52 37	63 30	75 43	77 30	69 40	74 54	60 37	39 21	60 37	60 37	39 21	55 23	68 40	74 52	77 53	76 49	78 50	78 50	67.6 43.5	
COOEN	MAX MIN	80 48	73 49	65 43	60 36	63 36	78 38	72 44	76 46	76 57	65 48	78 41	72 47	67 40	68 40	59 45	56 40	62 38	72 40	78 50	72 55	69 41	62 41	42 24	42 24	47 24	69 47	73 56	77 47	78 46	78 46	69.3 43.3		
FAIRHOPPE 2 NE	MAX MIN	75 48	73 51	62 41	57 40	60 41	68 40	70 45	75 47	74 63	65 50	66 42	68 42	64 52	58 44	50 39	62 43	78 54	69 62	64 40	73 54	65 40	52 23	46 23	54 23	64 23	68 44	74 57	75 48	75 48	75 48	66.6 44.7		
FORT MORGAN	MAX MIN																																	
MOBILE WSO	MAX MIN	79 52	75 48	65 42	58 37	62 37	70 38	73 44	76 48	74 61	64 48	69 43	68 48	65 44	52 44	53 44	61 34	75 32	77 49	70 54	67 48	74 41	63 45	60 29	46 24	66 24	74 46	76 55	77 55	78 52	77 53	77 53	67.4 44.2	
ROBERTSDALE 1 E	MAX MIN	78 50	78 51	74 40	63 35	58 38	61 37	69 39	77 43	77 60	75 50	65 42	68 45	71 42	68 45	64 45	53 38	62 26	62 32	72 52	77 61	72 38	67 38	73 50	52 22	40 21	54 30	70 48	75 53	80 47	78 46	78 46	67.4 42.1	

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
NOVEMBER 1970

Station	Day Of Month																															Total Evap Ave
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PIEDMONT PLATEAU 05																																
MARTIN DAM	EVAP	.03	.16	.06	.15	.10	.05	.06	.09	.03	.09	.06	.06	.10	-	.06	.26	.02	.00	.05	-	-	.11	.19	*	.09	.04	.02	.13	.08	.07	2,408
	WIND	1	1	14	3	3	0	1	0	1	1	1	0	0	1	11	18	0	1	*	12	6	0	23	45	3	4	2	1	2	2	157
PRAIRIE 06																																
MEMPHIS LOCK AND DAM	EVAP	.19	.00	.06	.08	.04	.13	.06	.21	.06	.01	.08	.13	.09	.02	.13	.04	*	.19	.04	.13	.10	.13	.09	*	*	.34	.08	.03	.05	.06	2,57
	WIND	24	4	74	50	85	58	32	5	39	65	56	5	28	29	124	133	11	59	38	122	65	17	83	194	71	65	78	12	8	11	1645
	MAX	73	78	61	61	64	64	69	64	75	71	59	68	60	63	60	50	-	60	73	74	68	65	67	-	-	52	62	65	71	74	55.6
	MIN	47	48	41	39	39	39	43	44	59	48	41	46	42	45	43	36	-	48	47	50	42	41	42	-	-	33	39	55	50	52	44.4
GULF 08																																
FAIRHOPE 2 NE	EVAP	.11	.13	.11	.12	.12	.09	.08	.07	.10	.13	.07	.06	.09	.11	.11	.09	.04	.07	.05	.18	.13	.06	.13	.10	.07	.07	.06	.07	.07	.07	2,76
	WIND	14	19	26	64	61	16	12	8	16	34	16	21	14	46	80	43	9	19	6	32	7	2	1	-	-	-	-	-	-	7388	
	MAX	80	76	69	66	66	72	76	77	74	70	70	73	69	66	60	56	63	73	81	77	71	73	68	46	52	70	75	75	75	75	69.8
	MIN	57	56	47	43	41	45	48	51	65	55	52	53	49	60	47	41	39	51	60	65	46	47	46	33	35	45	58	68	55	54	50.4

SNOWFALL AND SNOW ON GROUND

Station	Day of month																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
NORTHERN VALLEY 01																																			
FLORENCE	SNOWFALL																																		
	SN ON GND			T																															
MOULTON 2	SNOWFALL																																		
	SN ON GND				T													T																	
APPALACHIAN MOUNTAINS 02																																			
BIRMINGHAM WSD	SNOWFALL																																		
	SN ON GND																																		
SAINT BERNARD	SNOWFALL																																		
	SN ON GND				T													T																	
VALLEY HEAD	SNOWFALL																																		
	SN ON GND				T		T																												
UPPER PLAINS 03																																			
TUSCALOOSA FAA AP	SNOWFALL																																		
	SN ON GND				T																														
PIEDMONT PLATEAU 05																																			
ASHLAND	SNOWFALL																																		
	SN ON GND																																		
OPELIKA	SNOWFALL																																		
	SN ON GND																																		

Additional information regarding the climate of Alabama may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist at National Weather Service Office, Dannelly Field, R.F.D. 2, Montgomery, Alabama 36108, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- Amount included in following measurement, time distribution unknown.
- ⌘ Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

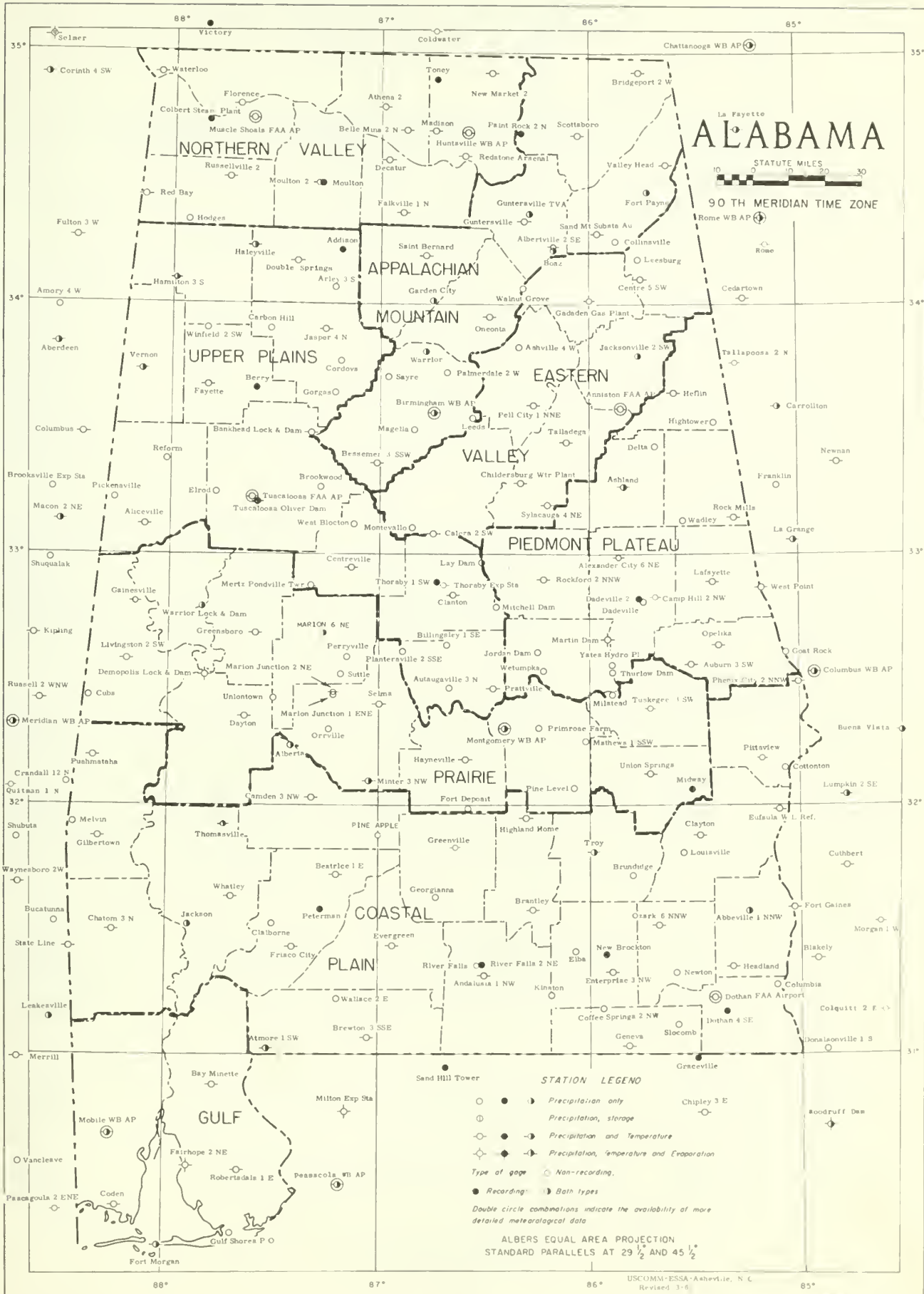
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

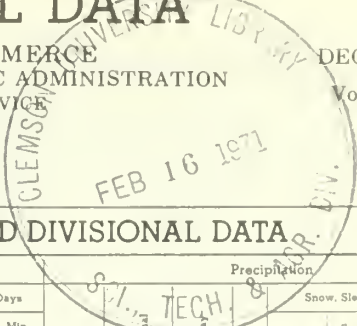
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA



Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	No. of Days				Total	Departure From Normal	Greatest Daily	Date	Snow, Sleet			No. of Days			
									1/4" or More	1/8" or More	1/16" or More	Trace					Total	Trace	1/4" or More	5/16" or More	3/8" or More	1/2" or More	
																							1/4" or More
••• NORTHERN VALLEY 01																							
ATHENS 2	58.2M	35.3M	46.8M		76	3	15	26	557	0	0	0	0	3.94		1.33	23	T			9	2	1
BELLE MINA 2 N	58.2	35.7	47.0		75	2	16	26	554	0	0	14	0	3.51		1.05	23	1.5	0		7	2	1
FALKVILLE 1 N	58.4	33.8	46.1		75	24	15	27	580	0	0	17	0	3.64		.68	12	+0			10	2	0
FLORENCE	58.8	32.4	45.6		76	2	11	26	596	0	0	17	0	4.43		1.69	23	T	0		5	2	2
HUNTSVILLE WSD	58.1	37.5	47.8	4.2	77	23	20	27+	529	0	0	12	0	4.73	-.18	1.21	11	1.0	T	31	9	4	1
MADISON																							
MOULTON 2	58.4	36.5	47.5		77	2	16	26	539	0	0	16	0	3.67		.84	23	T	T		9	3	0
MUSCLE SHOALS FAA AP	55.2	36.0	45.6		74	23	18	26	594	0	0	15	0	4.79		1.69	22	T	0	31	8	3	1
NEW MARKET 2	57.4	35.6	46.5		75	2	13	26	568	0	0	13	0	4.07		.59	31	T	0		8	1	0
RED 8AY	58.2	35.1	46.7		76	4	17	27+	563	0	0	14	0	3.17		.87	23	+0			8	1	0
REDSTONE ARSENAL	56.8	33.1	45.0		75	2	15	26	613	0	0	18	0	4.66		.90	11	0			11	4	0
RUSSELLVILLE 2	57.5	32.9	45.2		75	24	15	27	605	0	0	17	0	4.26		1.45	20	T	0		6	3	1
WATERLOO	58.4	36.1	47.3		76	3	14	26	544	0	0	15	0	3.83		1.14	20	T	0		9	2	1
DIVISION			46.4	2.5									4.06	-.93					2				
••• APPALACHIAN MOUNTAINS 02																							
ALBERTVILLE 2 SE	57.3	37.5	47.4	4.2	77	23	15	26	543	0	0	15	0	5.43	.26	1.28	12	T	0		9	4	2
BESSMER 3 SSW	59.8	36.8	48.3		75	3	18	27+	512	0	0	15	0	3.99		1.46	29	+0	0		6	3	2
BIRMINGHAM WSD	58.7	37.1	47.9	-6	75	3	17	27+	523	0	0	13	0	3.32	-1.70	1.22	29	+0	0		9	1	1
BRIDGEPORT 2 W	56.1	33.6	44.9		75	23	14	26	620	0	0	15	0	4.88	-.41	1.98	23	T	0		7	3	1
GUNTERSVILLE	59.2	37.8	48.5		74	23	15	26	504	0	0	13	0	3.48		.89	12	+0	0		6	3	0
ONEONTA	58.9	34.2	46.6		76	3	16	27	567	0	0	17	0	2.98		.85	12	+0	0		7	3	0
SAINT BERNARD	56.9	33.1	45.0	1.8	74	24	15	27	613	0	0	18	0	4.79	-.39	.97	12	.2	0		11	4	0
SAND MT SUBSTA AU	56.4	37.0	46.7		72	23	13	26	560	0	0	14	0	5.01		1.05	23	+0	0		8	4	1
SCOTTSBORO	57.8	32.6	45.2	1.5	75	3	16	27	605	0	0	18	0	4.40	-.98	.77	12	+0	0		10	4	0
VALLEY HEAD	55.2	31.6	43.4	-3	72	24	11	27	664	0	0	17	0	3.58	-1.23	.98	12	T	T	31	10	1	0
DIVISION			46.4	2.1									4.19	-.96					T				
••• UPPER PLAINS 03																							
ALICEVILLE	61.0M	36.9M	49.0M		78	3	20	27	485	0	0	0	0	6.76		2.70	29+	+0	0		5	2	2
BANKHEAD LOCK AND DAM	61.4	37.9	49.7		76	3	21	26	470	0	0	14	0	3.73		1.19	29	+0	0		8	2	2
CENTREVILLE	62.5	35.5	49.0	1.9	79	1	17	27	490	0	0	15	0	4.25	-1.04	1.11	29	+0	0		8	4	1
CLANTON	61.2	36.8	49.0	2.2	79	1	19	27	490	0	0	14	0	5.95	.95	1.80	24	+0	0		7	4	3
DOUBLE SPRINGS	58.6	34.7	46.7		75	4	16	26	562	0	0	17	0	3.96		.90	12	+0	0		7	4	0
FAYETTE	61.0	35.6	48.3		78	2	13	27	514	0	0	14	0	3.31		1.30	29	+0	0		8	3	1
HALEYVILLE	57.5	35.3	46.4		73	24	16	27	569	0	0	15	0	4.93		1.10	12	T	T	31	9	6	1
HAMILTON 3 S	60.0	31.6	45.8		76	24	12	27	587	0	0	17	0	3.51		.75	29	T	0		8	3	1
JASPER 4 N	58.8	34.0	46.4		75	3	12	27	570	0	0	14	0	4.16		1.07	12	+0	0		9	3	0
PRATTVILLE	64.2	38.5	51.4	2.5	80	1	18	27	421	0	0	10	0	5.48	.64	2.02	16	+0	0		8	2	2
THORSBY EXP STATION	59.6	39.2	49.4		75	2	19	26	480	0	0	10	0	5.00		1.44	23	+0	0		7	4	2
TUSCALOOSA FAA AP	60.6	36.7	48.7		78	2	19	27	500	0	0	15	0	3.22		.59	12	+0	0		10	1	0
TUSCALOOSA OLIVER DAM	61.5	38.5	50.0	2.8	78	3	23	26	456	0	0	11	0	3.18	-2.01	.73	12	+0	0		8	3	0
VERMONT	60.7	36.6	48.7		79	2	14	27	506	0	0	13	0	4.31		1.16	29	+0	0		7	3	2
DIVISION			48.5	1.7									4.41	-.73					T				
••• EASTERN VALLEY 04																							
ANNISTON FAA AP	59.5	35.8	47.7		76	2	19	27	528	0	0	14	0	3.99		1.58	29	T	0		9	2	1
CALERA 2 SW	61.5	37.1	49.3		77	2	16	27	483	0	0	10	0	3.11	-1.93	1.37	16	+0	0		5	2	1
CENTRE 5 SW	57.8	33.9	45.9		75	3	18	26	585	0	0	15	0	5.20		1.44	12	+0	0		9	5	1
CHILDERSBURG WTR PLANT	62.1	37.3	49.7		77	2	17	27	471	0	0	11	0	3.73		1.67	29	+0	0		6	3	1
GADSDEN GAS PLANT	57.1	37.2	47.2	2.4	74	24	19	26	550	0	0	13	0	3.77		1.30	31	+0	0		7	4	1
PELL CITY 1 NNE	60.2	33.2	46.7		75	3	16	28	562	0	0	18	0	4.61		1.20	29	+0	0		8	5	1
SYLACAUGA 4 NE	62.1	37.4	49.8		76	2	16	27	468	0	0	9	0	3.56		1.97	29	T	0		5	2	1
TALLADEGA	60.7	37.6	49.2	2.4	75	2	17	27	486	0	0	10	0	3.64	-1.18	1.66	29	+0	0		6	2	1
DIVISION			48.2	2.5									3.95	-1.12					T				
••• PIEDMONT PLATEAU 05																							
ALEXANDER CITY	61.6	35.3	48.5		79	1	17	27	505	0	0	14	0	4.86		1.67	16	+0	0		7	3	2
ASHLAND	60.0	34.9	47.5		76	1	16	26	538	0	0	16	0	4.61		1.79	29	T	0		5	3	3
AUBURN 3 SW	63.1	38.5	50.8	2.2	79	1	20	27+	432	0	0	11	0	5.76	.82	3.10	16	+0	0		6	3	2
CAMP HILL 2 NW	61.6	35.8	48.7		78	1	18	26	502	0	0	14	0	4.84		1.93	16	+0	0		6	3	2
HEFLIN	58.8	32.3	45.6		78	1	14	27+	597	0	0	18	0	4.22		1.25	29+	+0	0		6	3	2
LAFAYETTE	62.3	41.0	51.7		81	3	22	27	409	0	0	8	0	5.47				+0	0				
MARTIN DAM	63.0	39.6	51.3		76	23	22	27+	418	0	0	7	0	4.01	-.90	1.80	16	+0	0		5	2	2
OPELIKA	62.5	37.4	50.0		79	1	20	27	461	0	0	13	0	4.87		2.55	16	+0	0		6	2	1
ROCKFORD 2 NNW	61.1	37.6M	49.4M		78	1	18	26	484	0	0	0	0	4.74		1.31	29	+0	0		7	3	3
ROCK HILLS	61.6	32.3	47.1		80	1	16	27	548	0	0	18	0	4.66		1.55	29	+0	0		7	3	2
DIVISION			49.1	1.2									4.80	-.06					T				

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA
OCTOBER 1970

Continued

Station	Temperature												Precipitation																						
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow/Sleet			No. of Days														
										32° or Above	32° or Below	32° or Below	0° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.30 or More	1.00 or More								
																												Max.	Min.						
* * * PRAIRIE 06																																			
DAYTON	66.7M	42.6M	54.7M		79	3+	26	7	330	0	0	6	0	5.68		1.98	29		.0	0				7	4	3									
DEMOPOLIS LOCK AND DAM					79	3	20	27	476	0	0	14	0	3.82		1.28	29		.0	0				6	4	1									
GAINESVILLE	62.1	36.8	49.5		78	1	18	27	445	0	0	10	0	3.44	- 1.66	1.50	20		.0	0				3	3	2									
GREENSBORO	64.0M	36.9M	50.5M	.7	79	4	18	27	451	0	0	12	0	4.28		2.75	16		.0	0				4	3	1									
HAYNEVILLE					79	4	18	27	451	0	0	12	0	4.28		2.75	16		.0	0				4	3	1									
LIVINGSTON 2 SW	63.4	36.3	49.9		80	3	17	27	466	0	0	11	0	5.17		1.34	16		.0	0				7	5	1									
MARION JUNCTION 2 NE	62.5	37.5	50.0		78	1	19	27	461	0	0	13	0	5.11		1.76	29		.0	0				6	4	2									
WINTER 3 NW	63.3	38.8	51.1		79	23	16	26	432	0	0	11	0	4.29		2.39	16		.0	0				4	3	1									
MONTGOMERY WSO	63.7	39.8	51.8	3.6	79	22+	21	27	410	0	0	8	0	4.18	- .63	1.59	15		.0	0				5	4	1									
SELMA	64.2	41.4	52.8	2.0	78	22+	22	27	378	0	0	7	0	5.46	.39	2.06	29		.0	0				8	2	2									
TUSKEGEE 3 SW																																			
UNION SPRINGS	63.7	39.3	51.5	1.3	79	1	22	26	415	0	0	9	0	5.85	1.25	4.00	16		.0	0				4	4	1									
DIVISION			51.2	1.5										4.73	- .12				.0																
* * * COASTAL PLAIN 07																																			
ANDALUSIA 1 NW	65.5	38.4	52.0		78	24	18	27	401	0	0	12	0	5.86		2.75	16		.0	0				7	4	2									
ATMORE 1 SW	67.9	42.8	55.4		79	23+	21	27	308	0	0	10	0	7.50		3.20	16		.0	0				6	4	2									
BEATRICE 1 E	66.9	34.0M	50.5M		79	4+	22	26	459	0	0	15	0	5.07		2.60	16		.0	0				3	2	2									
BRANTLEY	66.0	37.9	52.0		80	24+	18	27	399	0	0	11	0	6.15	1.43	2.93	16		.0	0				5	3	2									
BRENTON 3 SSE	67.3	40.6	54.0	2.3	81	23	18	27	346	0	0	10	0	7.40	2.83	2.60	16		.0	0				7	5	3									
CAMDEN 3 NW	64.0	36.6	50.3		79	22	17	27	451	0	0	12	0	3.89		2.10	16		.0	0				5	3	1									
CHATM 3 N	67.6	40.8	54.2		82	4+	21	27+	343	0	0	7	0	6.05		1.93	16		.0	0				7	4	3									
CLAYTON	65.2	40.3	52.8		79	4	23	26	380	0	0	9	0	5.69	.96	3.20	16		.0	0				4	4	2									
ENTERPRISE 3 NW	66.3	41.3	53.8		79	24+	23	27	347	0	0	6	0	5.96		2.80	16		.0	0				5	4	3									
EUFALA WILDLIFE REF	65.4	37.4	51.4		81	24	18	27	419	0	0	12	0	5.27		2.65	16		.0	0				5	4	2									
EVERGREEN	69.6M	42.0M	55.8M		80	1	22	28	284	0	0	0	0	8.24		4.80	16		.0	0				5	4	2									
FRISCO CITY	66.7M	41.7M	54.2M		78	20+	22	27	346	0	0	8	0	6.83	1.23	3.21	16		.0	0				7	3	2									
GENEVA	71.8M	33.6M	52.7M		80	24+	24	30+	378	0	0	0	0	4.15	- .03	2.09	29		.0	0				5	2	2									
GILBERTOWN	65.5	39.5	52.5		79	21+	13	27	395	0	0	10	0	3.01		.88	15		.0	0				6	3	0									
GREENVILLE	64.7	39.2	52.0	.6	78	24+	16	28+	401	0	0	12	0	5.34	.09	2.81	16		.0	0				5	4	1									
HEALAND	65.7	38.0	51.9		80	24	20	26	407	0	0	12	0	4.51		1.45	16		.0	0				6	4	3									
HIGHLAND HOME	65.0	40.9	53.0	2.0	80	1	21	27	369	0	0	9	0	5.34	.38	3.22	16		.0	0				5	4	1									
OZARK 6 NNW	66.3	43.4	54.9	2.4	78	3	23	26	321	0	0	5	0	5.52	.82	1.95	16		.0	0				6	3	3									
PHENIX CITY 2 NNW	63.2	37.2	50.2		79	24+	21	27+	454	0	0	13	0	7.29		4.50	16		.0	0				6	3	2									
PITTSVIEW	64.1M	34.3M	49.2M		80	24	16	28+	487	0	0	14	0	6.25		3.62	16		.0	0				7	4	1									
THOMASVILLE	63.9	39.5	51.7	1.7	77	20	20	27	411	0	0	11	0	3.38	- 1.86	1.85	16		.0	0				6	2	1									
TROY	64.7M	42.9M	53.8M	3.0	78	3+	22	26	349	0	0	0	0	5.87	1.19	3.53	16		.0	0				6	3	1									
WHATLEY	66.5	37.5	52.0		79	2	19	26	395	0	0	11	0	7.13		4.00	16		.0	0				4	4	3									
DIVISION			52.6	1.4										5.73	.77				.0																
* * * GULF 08																																			
BAY MINETTE	66.9	45.4	56.2		79	2	26	27+	294	0	0	3	0	6.14		2.21	16		.0	0				6	4	2									
COOEN	66.8	45.4	56.1		78	1	25	27	283	0	0	3	0	4.36		1.70	16		.0	0				5	4	1									
FAIRHOPE 2 NE	67.2	46.1	56.7	2.7	78	21+	27	27	275	0	0	2	0	5.21	.40	1.51	31		.0	0				7	3	2									
FORT MORGAN	58.5	40.7	49.6		71	3+	10	27	475	0	0	6	0	5.54		2.33	16		.0	0				4	4	2									
MOBILE WSO	68.1	46.6	57.4	3.3	80	1	28	27	265	0	0	2	0	5.77	.31	1.83	15		.0	0				7	5	2									
ROBERTSOALE 1 E	69.4	43.5	56.5		80	12	25	27	284	0	0	3	0	5.11	.29	2.10	16		.0	0				4	3	2									
DIVISION			55.4	1.5										5.36	.34				.0																

EXTREMES

HIGHEST TEMPERATURE CHATM 3 N	82	DATE	04+
LOWEST TEMPERATURE FORT MORGAN	10	DATE	27
GREATEST TOTAL PRECIPITATION WALLACE 2 E	8.55		
LEAST TOTAL PRECIPITATION JACKSONVILLE 2 SW	2.37		
GREATEST 1 DAY PRECIPITATION WALLACE 2 E	5.00	DATE	16
GREATEST TOTAL SNOWFALL BELLE MINA 2 N	1.5		
GREATEST DEPTH OF SNOW 5 STATIONS	T	DATE	31+

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABAMA
DECEMBER 197

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
ATHENS 2	3.94					.14						.16	.01				.45	.07		.48	.13		1.33	.32							.25	.60	.	
BELLE MINA 2 N	3.51		.08			.03	.07					.25	.78				.39			.02	.38		T	1.05							.18	.28	.	
FALKVILLE 1 N	3.64					.04	.07					.13	.68				.42	.04		.02	.28	.16		.67	.24					.33	.22	.43	.	
FLORENCE	4.43					.03	.05					.09	.35	T			.49	.04		T	1.06	.07	.01	1.69	.02	.01				.09	.41	.41	.	
HODGES	4.73		.01			.03	.05					.10	.35				.40	.03	.01	T	.90	.45		.60	.40					.78	.50	.		
HUNTSVILLE #50	4.73		.02			.08						1.21	.52				.35	.09		T	.44	.01	.51	.66						.25	.20	.39	.	
HUNTSVILLE #52	-					.04						.05	.75				.19	.22	.04		.03	.52	.10	T	.84					.36	.11	.42	.	
HOUTON 2	3.67					.04						.05	.75				.19	.22	.04		.03	.52	.10	T	.84					.36	.11	.42	.	
MUSCLE SHOALS FAA AP	4.79		.08			.09						.26	T				.40	.02		T	.98	.02	1.69	.71						.12	.12	.30	.	
NEW MARKET 2	-					.15						.26	T				.42			T	.98	.02	1.69	.71						.14	.12	.30	.	
RED BAY	3.17					.01	.04					.07	.42				.42	.10			.41	.30		.87						.25	.28	.48	.	
REDSTONE ARSENAL	4.66		.10			.05						.90	.20				.35	.13		.02	.76	.04	.50	.60				T		.36	.23	.40	.	
RUSSELLVILLE 2	4.26					.05						.07	.42				.42	.10			.41	.30		.87						.41	.49	.49	.	
WATERLOO	3.83					.05						.42					.49	.13			1.14	.22		.20	.88					.07	.14	.21	.	
APPALACHIAN MOUNTAINS 02																																		
ALBERTVILLE 2 SE	5.43											.20	1.28				.41			.14	.97			.50	.42				1.04	T	.47	.	.	
BESSEMER 3 SSW	3.99			T								T	1.27				.60	.15			.35	.03		.15					1.46	T	.36	.	.	
BIRMINGHAM 5	3.32											T	.39	.28			.35	.03		.11	.24	T	.02	.01				.26	1.22	.17	.24	.	.	
BOAZ	4.45											1.32					.26			T	.97		.37	.05				.34	.66	.37	.11	.	.	
BRIDGEPORT 2 W	4.88						T	.05				T	.24	.89			.73	.03		.08	.28	T	T	1.98	T				.15		.45	.	.	
COLLINSVILLE	4.32											.22	.46				.40				.83	.16		.44	.41				.48	.54	.36	.	.	
FORT PAYNE	3.96											.10	.90				.32	.01			.30	.19		.34	.88		T		.19	.37	.27	.	.	
GADSDEN	4.11						T					.30	1.36				.46			T	.44		.33						.77	.45	.45	.	.	
GUNTERSVILLE	3.48											.39	.89				.40				.66								.75	.39	.	.		
LEEDS	4.10											.19	.62				.48				.33	.01		.20	.25	T			.23	1.79	.	.		
MAGELLA	3.46											.08	.80				.54	.03			.08	.06		.03	.07				1.25	.18	.34	.	.	
ONEONTA	2.98											.10	.85			T	.24	T			.05	.55	T	T					.55	.33	.31	.	.	
PALMERDALE 2 W	3.90											.10	.90				.35				.55			.45					1.05	.05	.50	.	.	
SARTON BERNARD	4.79											.19	.96			.01	.39			.15	.80		.38	.55	.45			.13	.60	.25	.31	.	.	
SAND MT SUBSTA AU	5.01			T	.01	T			.02			.15	.85			.01	.39	.39		.01	.99	.01	1.05	.26					1.00	.01	.39	.	.	
SAYRE	4.26											.02	1.31				.45				.81								1.59	.08	.	.		
SCOTTSBORO	4.40											.28	.77				.63	.05			.23	.30		.72	.88				.28	.15	.31	.	.	
VALLEY HEAD	3.58											.12	.98	.02			.22	.08		.02	.22	.10	T	.28	.48		T		.32	.23	.43	.	.	
WARRIDA	3.60							.04				.05	.80				.43				.50	.10		.20					1.00	.20	.30	.	.	
UPPER PLAINS 03																																		
ALICEVILLE	6.76											.42	2.70	.48															2.70	.46	.	.		
ARLEY 3 S	5.28											.25	1.86				.58				.62			.32					1.04	.23	.38	.	.	
AUTAUOAVILLE 3 N	4.12																1.43												2.26	.16	.27	.	.	
BANKHEAD LOCK AND DAM	3.73											.15	1.03				.42				.22	.02		.02	.12				1.19	.16	.40	.	.	
BILLINGSLEY 1 SE	4.49												.65				1.50					.30		.42			.12		1.01	.12	.37	.	.	
BROOKWOOD	2.61											.40	.20								.20	T		.31					.00	.90	.	.		
CARBON HILL	3.18											.21	.71				.39					.25		.31					.76	.55	.	.		
CENTREVILLE	4.25											.16	.98				.53				.31		.04	.70			T		1.11	.11	.31	.	.	
CLANTON	5.95											.35	.25				.40				.60		1.80						1.40	.05	.30	.	.	
COROONA	4.47											.17	1.35				.53				.60	.03		.20					1.04	.14	.41	.	.	
DOUBLE SPRINGS	3.96	.01										.22	.90				.45				.70	.08		.60	.30				.90	.10	.70	.	.	
ELDOD	5.20											.20	2.00				.60				.40			.50					.90	.10	.60	.	.	
FAYETTE	3.31											.40					.58				.29	.19		.10					1.30	.15	.50	.	.	
GORGAS	3.89											.11	.85				.51				.39	.15		.05					1.30	.12	.41	.	.	
HALEYVILLE	4.93							.02				.25	1.10				.46	.01		T	.65	.50		.58	.28				.54	.02	.52	.	.	
HAMILTON 3 S	3.51						T					.07	.61	T			.40	.02			.59	.19		.23	.03		T		.75	.05	.42	.	.	
JASPER 4 N	4.16											.24	1.07			.10	.50			.01	.30	.02		.42	.05				.93	.30	.22	.	.	
LAY DAM	4.62											.12	.65	.03			.79				.43			1.37					.09	.15	.16	.	.	
MITCHELL DAM	4.58											.19	.06				.36	.93			.26	.93		.31	.78				1.05	.25	.34	.	.	
PICKENSVILLE	3.92											.14	1.40				.70	T			.60	T		.04	.78		.05		.64	T	.40	.	.	
PLANTERSVILLE 2 SSE	4.21											.20	.30				1.70				.04		.05	.06	.50				1.25	.46	.	.		
PRATTVILLE	5.48											.20	.10				.35	.22			.04		.05	.06	.35	.10			1.75	.06	.40	.	.	
REFORM	4.56											.21	1.33				.53				.46	.02		.05	.02	.35			1.40	.06	.30	.	.	
THORNSBY EXP STATION	5.00											.51					.14	.98			.14			.44	.46				1.25	.22	.	.		
TUSCALOOSA FAA AP	3.22											.14	.37	.59			.39	.02			.10	.08		.04	.35				.24	.42	.38	.10	.	.
TUSCALOOSA OLIVER DAM	3.16											.11	.73				.50				.21			.09	.24				.65	.15	.48	.	.	
VERNON	4.31											.38	1.1				.91				.45			.25					1.18		.44	.	.	
WEST BLDCTON	3.05											.25	.2				.55	.2			.15		.05	.25	.25				1.10	.15	.35	.	.	
WINFIELD 2 SW	4.22						T					.57	.84				.91				.27	.09	T	.51	.12				.78	.10	.43	.	.	
EASTERN VALLEY 04																																		
ANNISTON FAA AP	3.99							T				.24	.33			.24	.17			.08	.66		.08	.18		T		.03	1.58	.15	.25	.	.	
ASHVILLE 4 W	3.51											.26	.52				.52				.26	.20		.06	.15			1.08	.46	.	.			
CALERA 2 SW	3.11											T	1.44				1.37				.24			.37					.34	.93	.23	.	.	
CENTRE 5 SW	5.20							T				T	1.44	</																				

DAILY PRECIPITATION

ALABAMA
DECEMBER 1970

Continued

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GREENSBORO	3.44										.01	.08	.05	.02		2.75				.03	1.50		.01	.32	.05								1.33	
HAYNEVILLE	4.28															2.60									.05							.50	.15	.67
LIVINGSTON 2 SW	5.17										.07	.71				1.34				.23	.01			.08	.87	.05					.99	.15	.67	
MARION 6 NE	4.43										.14	.61				.62				.56				.79				.08			.87	.10	.36	
MARION JUNCTION 2 NE	5.11										.09	.06				1.68				.37	T			.71							1.76	.12	.52	
MATHEWS 1 SSW	3.85															2.75																		1.10
MILSTEAD	-															-				-				-	-	-	-							
WINTER 3 NW	4.29										.08	.05				2.39				.05				.03	.07						.74	.23	.65	
MONTGOMERY WSO	4.18										.04	T			1.59	.59			T				.37	T	.03		.03				.98	.56	T	
ORRVILLE	3.88										.18					1.96									.09						.25	.90	.50	
PERRYVILLE	3.83										.04	.27				1.14				.57				T	.12	.09					1.10	.15	.35	
PINE LEVEL	5.28										.20					3.44								.11							.56	.35	.82	
SELMA	5.46										T	.04	.12			2.02						.12			.26		T				2.08	.19	.49	
SUTTLE	5.16										.08	.10				1.20															1.60	.53		
TUSKEGEE 3 SW	-															-				-														
UNION SPRINGS	5.85															4.00								.02	.04		.01				.57	.51	.70	
UNIONTOWN	4.72										T	.10	.20			1.05				.45	T				.20						2.20	.52	T	
WARRIOR LOCK AND OAK	4.45										.22	.42				.55				.42					1.08		.04				1.10	.17	.45	
COASTAL PLAIN 07	-															-				-														
ABBEVILLE 1 NW	5.01															T														T	.60	1.15	1.11	
ALBERTA	2.96											.08	.08			1.78															.25	.12	.44	
ANOLAUSTIA 1 NW	5.86		.01										.16		T	2.75	.01							.02	.13		.20			.03	1.00	.65	.90	
ATMORE 1 SW	7.50														.40	3.20								.07	T	.29	.51				2.17		.81	
BEATRICE 1 E	5.07															2.60															2.03		.44	
BRANTLEY	6.15		.04													2.93								.05	.07		.10				1.72	.37	.87	
BRENTON 3 SSE	7.40								.02				.03	.04		2.60								.35	.21		.51				1.88	.72	1.04	
BRUNSDEN	5.01		.03							T			.08			2.70	.12							.16	.105	.59					1.55	.72	.87	
CAMDEN 3 NW	3.89															.37	.10						.05	.10		.03					.56	.08	.59	
CHATAM 3 N	6.05										.19					1.20	1.93							T	.15	.04			T		1.68	.22	.65	
CLABORNE	6.53										.18	.13				3.14									.17		.03				1.19	.76	.93	
CLAYTON	5.69															3.20															.61	1.03	.85	
COFFEE SPRINGS 2 NW	4.06															.94									.10		.24				1.48	1.30		
COTTONTON	6.82											.02	.04	.10		3.32	.17								.42						.68	.54	1.42	
ELBA	6.10		.10													2.80	.03														1.30	.55	.96	
ENTERPRISE 3 NW	5.96		T									.06				2.80									.10						1.70	1.04	1.26	
EUFULA MILDLIFE REF	5.27												.08			2.65	T				.02				.11	.09	.10	.07			.82	.59	1.00	
EVERGREEN	8.24															4.80								.12	.17						1.55	.72	.87	
FRISCO CITY	6.83										.19	.05	.05			3.21									.12	.17					.41	1.80	.88	
GENEVA	4.15												.05			1.05								.03		.49					2.09	.22	.22	
GEORGIANNA	7.82															4.38								.17	.55		.06				1.04	.84	.78	
GILBERTOWN	3.01										.18	T			.88	.57					.07				.08		T			.54	.25	.44		
GREENVILLE	5.34											.02	.12			2.81								.10	.07						.88	.70	.76	
HEADLAND	4.51											.12				1.45	.05								.02						1.01	.64	1.04	
HIGHLAND HOME	5.34											.02				3.22									.20						.65	.50	.75	
KINSTON	5.69		.10			.01						.03	.06			2.34				.01	2.34				.02	T	.08	.22			.76	.75	1.31	
LOUISVILLE	6.35			.08								.03	.03	.28		3.60									.20	.03					.92	.35	.86	
NEVIN	3.20											.86				1.44								.90							1.59	.72	.87	
NEWTON	3.98															1.06										.09		.15			1.08	.51	1.09	
OZARK 6 NW	5.52												.02			1.95		.35							.10	.10					1.88		1.12	
PHENIX CITY 2 NW	7.29													.32		4.50									.12						.25	1.40	.70	
PINE APPLE	5.93											.20				3.60										.14					.63	.70	.80	
PITTSVIEW	6.25												.13			3.62	.22								.03	.14					.70	.66	.75	
RIVER FALLS	6.04			.11												2.80									.11			.16			1.60	.49	.77	
SLOCUMB	-															-				-														
THOMASVILLE	3.38											.13		T		1.85				.01				.04	.10		.06				.24	.38	.57	
TROY	5.87												.12			3.53								.04	.22						.93	.38	.67	
WALLACE 2 E	8.55															5.00															1.62	1.93		
WHSLEY	7.13															4.00															1.50	.56	1.05	
GULF 08	-															-				-														
BAY MINETTE	6.14												.30			2.21								.07	.16	.97					1.66		.77	
CODEN	4.36															1.70										.23					.85	.08	.72	
FAIRHOPE 2 NE	5.21															1.40								.13	.04		.40				.91	.42	1.51	
FORT MORGAN	5.54															2.33									.64						.50	1.98		
GULF SHORES P D	3.12															1.20											.50				T	.52	.90	
MOBILE WSO	5.77															T	.03			T	.84					.17	.01	.10	.79		.63	1.01		
ROBERTSDALE 1 E	5.11															2.10									.04	.07	.36	.05		.06	.08	.70	1.66	

SUPPLEMENTAL DATA

	Wind (Speed - m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed																	

DAILY TEMPERATURES

ALABAMA
DECEMBER 1970

Station		Day of Month																														Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
NORTHERN VALLEY 01																																	
ATHEMS 2	MAX MIN	73 50	72 47	74 53	75 44	05 28	42 22	48 23	60 31	61 44	68 48	71 40	42 34	52 23	54 29	52 36	50 37	48 26	63 37	62 38	59 41	70 58	70 60	75 25	46 24	45 15	45 16	46 25	47 30	58.2 35.3			
BELLE MINA 2 N	MAX MIN	70 49	75 49	74 50	70 46	65 28	50 30	49 22	59 24	63 33	69 40	70 50	66 36	50 35	51 25	48 29	57 41	47 38	62 27	63 45	61 39	69 44	69 59	74 58	63 28	44 25	35 16	43 18	47 25	51 40	47 27	42 31	58.2 35.7
FALKVILLE 1 N	MAX MIN	75 50	70 50	75 53	74 47	61 26	68 26	42 22	49 21	59 23	70 41	70 51	71 42	43 35	48 24	51 24	53 31	58 39	48 26	61 36	64 42	60 42	60 58	75 60	78 24	43 24	45 17	47 15	46 28	50 24	46 26	50 28	58.4 33.8
FLORENCE	MAX MIN	72 47	76 47	75 50	69 47	65 26	50 24	51 17	60 22	61 35	71 43	70 50	63 29	50 18	53 27	48 25	56 31	47 33	63 45	61 35	69 38	66 56	75 59	59 23	45 20	47 11	46 22	45 22	55 25	48 26	44 26	58.8 32.4	
HUNTSVILLE WSO	MAX MIN	72 50	75 53	75 53	65 34	66 30	43 30	50 25	59 28	67 35	71 47	71 57	64 40	51 33	52 29	50 33	62 45	46 33	65 30	67 53	54 45	70 54	70 64	45 30	71 25	77 20	45 20	34 20	46 20	49 30	50 29	49 33	58.1 37.5
MAOISON	MAX MIN																																
MOULTON 2	MAX MIN	71 52	77 53	75 58	65 40	66 28	48 29	50 21	59 22	65 39	69 46	71 53	65 35	50 30	53 24	48 30	57 38	50 39	63 27	64 52	60 40	72 46	68 61	75 54	55 24	44 16	37 23	47 26	47 26	50 40	49 27	39 32	58.4 36.5
MUSCLE SHOALS FAA AP	MAX MIN	71 52	73 51	74 54	64 43	65 29	42 31	46 26	57 26	60 38	69 47	70 57	58 36	47 33	49 26	46 30	54 41	45 31	60 26	61 50	50 40	69 67	74 74	40 26	43 23	35 18	45 24	43 29	51 29	46 31	37 32	55.2 37.0	
NEW MARKET 2	MAX MIN	68 52	75 49	72 55	68 46	65 35	61 27	47 22	63 20	62 40	64 39	61 49	55 31	57 37	50 26	45 29	57 43	45 38	64 39	60 36	66 48	66 55	72 53	58 26	41 24	43 13	43 17	46 23	48 37	47 24	43 32	57.4 35.6	
RED BAY	MAX MIN	72 53	73 53	76 55	76 44	63 37	65 30	44 24	51 22	58 28	61 40	70 51	69 36	39 25	50 25	53 34	48 25	54 29	55 35	61 38	63 41	59 49	69 65	67 59	45 26	46 17	40 26	38 17	48 20	49 25	54 34	51 35	58.2 35.1
REDSTONE ARSENAL	MAX MIN	70 42	75 49	72 49	63 49	66 29	44 27	50 28	59 21	65 23	69 39	71 55	65 38	50 29	53 31	48 31	57 44	50 28	61 42	64 52	69 40	68 39	74 38	47 27	47 24	36 15	47 18	47 23	51 25	37 25	40 29	56.8 33.1	
RUSSELLVILLE 2	MAX MIN	73 53	69 45	75 48	74 47	62 25	68 19	44 22	58 23	58 26	62 39	67 40	70 39	40 33	49 24	52 24	53 31	55 40	51 24	51 38	61 41	59 41	60 56	67 59	58 26	45 23	45 15	38 15	46 23	46 25	52 25	51 29	57.5 32.9
WATERLOO	MAX MIN	71 50	75 49	76 51	71 40	61 27	49 29	52 20	61 24	59 48	71 47	69 53	66 35	49 32	53 20	49 29	54 41	55 30	63 29	62 55	58 40	64 60	73 59	59 23	43 24	41 14	50 18	45 26	55 39	51 26	42 31	58.4 36.1	
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 SE	MAX MIN	68 51	73 55	72 53	64 49	66 31	57 31	48 22	59 29	67 36	69 51	68 54	59 36	48 29	51 26	46 32	56 41	-9 38	62 29	59 43	61 45	68 68	64 56	77 71	66 60	43 25	34 18	47 17	52 28	44 37	44 28	35 32	57.3 37.5
BESSEMER 3 SSW	MAX MIN	75 54	75 53	75 50	65 46	69 26	57 27	56 32	60 30	60 24	72 42	69 51	60 32	52 24	50 31	42 28	62 39	55 26	68 61	64 48	66 50	71 55	70 54	60 28	50 25	40 18	52 26	48 37	51 30	48 37	46 30	43 37	59.8 36.8
BIRMINGHAM WSO	MAX MIN	70 -4	75 51	75 48	60 33	69 28	49 29	51 24	59 28	71 47	72 52	70 59	63 37	49 37	51 27	59 36	53 45	61 34	59 29	61 45	67 52	70 50	62 49	49 26	37 17	50 17	41 25	46 30	45 30	41 36	58.7 37.1		
BRIEOPEPT 2 W	MAX MIN	67 48	73 46	73 43	67 46	63 27	48 29	47 17	57 20	65 27	68 42	63 51	60 37	49 35	53 21	48 26	55 41	49 38	54 27	54 34	55 42	67 63	75 58	62 26	41 22	38 14	48 15	49 21	43 33	43 26	40 30	56.1 33.6	
GUNTERSVILLE	MAX MIN	69 49	71 51	74 47	71 46	68 32	60 25	48 25	58 27	69 36	68 43	67 59	65 39	49 37	52 32	48 31	58 42	52 40	58 29	61 46	68 42	69 56	74 59	70 29	44 19	44 25	47 18	49 28	48 31	46 35	42 31	59.2 37.8	
ONEONTA	MAX MIN	76 44	69 45	76 43	74 43	65 25	68 28	46 26	48 22	59 25	70 42	73 49	67 53	54 35	51 26	52 25	51 31	58 40	50 27	63 35	61 39	63 53	69 54	74 30	49 23	46 18	36 16	49 21	52 28	45 28	46 28	58.9 34.2	
SAINT BERNAPO	MAX MIN	73 43	68 46	74 43	73 46	61 27	64 30	42 23	48 23	57 30	67 37	69 45	69 43	46 35	48 26	51 28	52 32	57 38	60 25	59 27	49 44	59 55	68 58	74 28	44 23	45 17	35 15	48 16	49 25	45 26	46 28	56.9 33.1	
SAND MT SUBSTA AU	MAX MIN	67 49	72 51	67 43	67 46	66 27	57 30	48 20	55 30	66 34	68 45	63 52	57 37	47 33	51 26	46 30	55 44	50 38	57 44	59 45	60 54	67 50	64 55	72 28	67 25	43 13	35 22	44 18	50 24	47 37	43 26	38 31	56.4 37.0
SCOTTSBORO	MAX MIN	72 42	69 45	75 42	73 42	65 26	64 30	47 21	60 21	66 22	68 33	60 40	66 50	52 37	52 23	53 27	50 32	57 40	44 25	57 29	59 34	61 47	70 57	69 29	64 25	42 17	38 16	46 17	52 24	45 29	44 29	57.8 32.6	
VALLEY HEAD	MAX MIN	71 43	67 43	72 42	70 43	62 23	65 25	43 18	49 21	56 35	66 36	68 41	62 52	54 36	48 19	52 24	48 30	51 39	42 22	49 23	55 44	58 50	72 67	46 20	42 14	34 11	44 18	51 20	43 29	43 29	55.2 31.6		
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	73 52	77 50	78 48	75 53	67 28	52 30	54 26	53 25	53 24	72 44	71 43	52 36	53 32	55 31	52 35	59 43	57 30	64 31	53 40	70 50	74 55	71 58	74 30	47 28	52 21	39 21	52 27	49 31	49 40	61.0 36.9		
BANKHEAD LOCK AND DAM	MAX MIN	76 43	72 43	76 50	74 47	66 30	68 40	49 28	52 26	61 30	69 49	72 55	50 38	54 28	54 30	58 30	59 40	57 30	60 32	68 48	69 50	75 62	73 50	52 28	52 21	42 22	52 30	48 35	48 30	55 35	61.4 37.9		
CENTREVILLE	MAX MIN	79 40	76 43	78 46	74 51	69 28	60 29	54 26	55 24	63 25	74 42	72 52	70 48	52 32	53 25	58 36	54 36	62 42	59 29	65 30	64 47	70 50	72 47	74 35	54 25	52 18	43 27	53 18	51 30	49 33	50 35	62.5 35.5	
CLANTON	MAX MIN	79 42	73 46	76 46	75 46	68 28	69 32	53 28	52 23	60 26	71 43	64 53	68 52	52 37	52 25	56 28	53 37	62 41	62 28	64 30	67 44	70 56	75 68	69 27	54 20	49 19	41 22	52 37	52 30	47 38	48 30	61.2 36.8	
DOUBLE SPRINGS	MAX MIN	74 49	69 49	75 49	75 43	63 29	67 30	45 23	51 24	59 29	70 40	67 46	70 46	41 35	50 25	53 25	52 36	56 43	63 29	61 49	61 43	59 58	69 58	74 27	47 16	46 18	43 20	50 27	48 31	48 29	50 32	58.6 34.7	
FAYETTE	MAX MIN	73 40	78 48	75 47	68 47	70 24	51 31	54 20	61 19	72 33	68 40	74 55	64 26	53 34	56 20	53 30	57 39	63 24	63 48	73 57	71 48	75 67	66 56	53 27	43 16	52 13	43 25	48 20	47 30	47 30	42 37	61.0 35.6	
HALEYVILLE	MAX MIN	72 52	70 52	73 54	73 45	63 36	65 30	45 24	51 24	58 29	68 44	65 47	50 38	39 33	52 25	52 26	56 37	53 38	62 32	61 33	60 43	58 42	67 49	73 59	66 26	45 17	45 15	48 22	47 32	50 32	57.5 35.3		
HAMILTON 3 S	MAX MIN	76 40	73 45	76 46	76 43	64 29	65 33	48 19	54 20	60 29	70 42	69 47	72 38	40 35	51 27	55 30	56 40	52 33	57 48	65 48	63 55	60 64	71 59	68 26	49 21	48 13	49 12	49 22	47 27	44 26	40 28	60.0 31.6	
JASPER 4 N	MAX MIN	71 40	75 45	75 42	65 42	67 23	57 30	49 25	59 19	71 27</																							

DAILY TEMPERATURES

Continued

ALABAMA
DECEMBER 1970

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UNION SPRINGS	MAX	79	72	78	78	73	70	56	55	62	73	75	74	56	53	55	53	67	57	65	75	75	72	75	76	54	50	42	52	55	49	49	
	MIN	43	48	52	52	35	34	28	28	29	35	53	51	37	31	32	40	44	34	34	44	44	56	55	61	40	30	22	25	27	42	39	37
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX	75	71	72	75	71	68	62	54	63	70	75	72	70	51	58	65	68	64	65	75	72	75	75	78	62	53	44	54	63	55	54	
	MIN	40	50	48	49	28	38	27	27	30	46	52	52	36	31	30	40	41	28	28	45	55	58	60	51	28	24	18	19	36	36	40	
ATMORE 1 SW	MAX	79	77	77	75	72	68	57	66	75	75	76	76	53	58	58	68	67	67	77	76	77	76	79	75	59	57	56	57	65	55	53	
	MIN	44	53	55	62	32	46	30	27	41	50	60	52	36	32	32	48	34	30	42	50	56	58	63	48	32	26	21	32	50	41	44	
BEATRICE 1 E	MAX	78	79	78	79	76	73	57	55	67	75	72	64	58	65	67	57	65	67	70	75	78	75	73	70	59	59	55	58	56	59	56	
	MIN	42	42	51	50	32	29	25	24	29	48	50	49	29	25	25	42	35	27	30	37	30	37	30	37	24	22	25	26	30	36	35	
BRANTLEY	MAX	76	73	74	79	73	63	58	56	63	72	78	75	60	56	60	58	70	61	68	72	79	75	77	80	61	51	57	59	59	49	54	
	MIN	42	45	49	48	26	36	25	24	30	51	49	52	33	29	29	39	41	27	36	41	51	54	61	50	27	22	18	23	37	35	41	
BREWTON 3 SSE	MAX	76	75	76	74	71	59	58	67	73	77	79	74	56	60	51	70	63	69	78	74	78	76	81	74	56	55	57	56	65	55	54	
	MIN	42	58	54	56	28	40	23	23	37	52	57	50	37	28	29	48	35	28	39	49	50	55	59	50	30	22	18	28	49	40	45	
CAMDEN 3 NW	MAX	77	74	74	70	70	58	55	65	71	65	74	68	52	55	47	65	58	65	77	75	74	79	78	72	54	49	55	51	57	52	49	
	MIN	42	50	49	51	27	38	24	23	28	41	52	35	31	22	30	41	34	26	43	56	52	53	55	36	24	19	17	26	40	33	37	
CHATM 3 N	MAX	78	77	82	82	74	64	57	67	75	70	78	70	55	55	49	65	62	68	80	79	79	80	79	75	61	52	57	55	64	56	50	
	MIN	46	43	42	56	32	45	21	26	44	46	62	43	36	47	37	45	35	30	45	46	44	54	35	40	31	21	21	38	47	39	42	
CLAYTON	MAX	77	72	78	79	77	70	55	54	60	69	76	75	69	52	56	66	65	59	66	74	70	73	76	78	64	60	42	53	54	56	47	
	MIN	49	49	54	55	30	38	28	32	34	38	46	55	36	32	32	39	38	37	38	46	54	54	61	51	50	23	24	27	29	33	37	
ENTERPRISE 3 NW	MAX	77	77	73	77	72	69	57	55	62	73	78	72	70	52	58	63	70	59	65	76	74	74	79	63	59	51	54	58	59	50	66.3	
	MIN	49	49	49	49	40	41	29	29	44	48	50	55	37	34	34	41	44	36	36	45	53	53	61	52	32	31	23	25	41	39	42	
EUFULA WILOLIFE REF	MAX	79	73	77	78	75	70	57	56	63	72	77	76	61	55	57	59	70	60	65	74	67	75	77	81	61	48	55	55	59	48	48	
	MIN	40	43	42	47	26	33	24	23	29	44	45	54	37	31	29	35	43	28	31	51	50	52	59	53	28	22	18	29	40	35	37	
EVERGREEN	MAX	80	79	79	75	75	75	60	67	73	77	75		63	62	63	67	78	78	77	76	79	76	79	63	57	62	52	62	52	55	69.6	
	MIN	47	54	54	54			31	31	34	50	59		35	35	43	43	32	32	41	43	45	63	50	32	22	40	40	40	41	42.0		
FRISCO CITY	MAX	78	78	77	76	72	72	56	55	66	75	71	76	61	52	57	63	66	60	67	78	77	77	77	77	57	52	52	62	59	55	66.7	
	MIN	48	54	51	51	39	41	28	28	36	51	60	60	35	32	32	43	37	34	37	44	56	60	62	43	31	26	22	30	39	40	41.7	
GENEVA	MAX	79	76	78	79	70	72	71	72	73	77	78	80	65	59	64	61	69	63	79	79	79	75	74	80	71	68		64	54	71.8		
	MIN	30	37	33	33	29	31	29	27	26	26	25	24	33	39	36	29	33	28	29	29	45	45	50	54	52	40		25	24	33.6		
GILBERTOWN	MAX	77	77	73	70	72	65	60	65	73	67	75	68	53	55	50	64	61	60	79	75	79	78	77	72	59	52	56	56	60	52	50	
	MIN	44	46	51	54	28	39	29	23	37	41	60	43	36	26	32	46	32	27	41	55	56	55	66	44	24	23	13	33	49	34	36	
GREENVILLE	MAX	78	74	76	75	71	72	70	55	63	72	73	75	64	53	57	55	66	57	65	75	75	71	75	78	58	50	43	53	57	48	52	
	MIN	46	45	53	54	31	32	28	29	30	46	56	60	36	31	31	42	37	31	32	32	35	54	62	47	32	23	20	20	40	35	40	
HEAOLAND	MAX	76	77	79	78	74	69	58	55	61	73	76	77	72	54	57	65	71	59	63	72	72	74	79	80	63	50	43	53	59	48	49	
	MIN	45	48	46	48	32	32	25	28	33	45	48	50	30	32	31	40	30	32	33	40	45	45	60	52	31	20	23	30	35	38	40	
HIGHLAND HOME	MAX	80	74	79	76	76	76	67	54	55	66	70	76	64	65	60	54	60	67	67	75	76	74	75	76	59	50	41	50	54	49	51	
	MIN	47	49	52	54	41	44	28	30	32	47	56	57	36	32	30	33	40	36	36	53	54	55	56	50	32	22	21	26	41	37	40	
OZARK 6 NNW	MAX	75	77	78	75	70	61	61	63	71	77	76	75	59	59	53	69	63	65	74	74	75	75	75	73	55	59	54	58	56	49	50	
	MIN	49	56	57	57	30	48	28	32	37	52	54	50	35	33	37	45	44	37	44	56	50	61	60	51	36	23	24	37	43	39	40	
PHENIX CITY 2 NNW	MAX	79	70	77	76	68	68	57	54	60	73	75	70	64	55	57	52	68	62	64	68	67	72	71	79	58	48	48	52	51	50	45	
	MIN	45	48	47	48	45	37	27	28	34	45	51	52	35	30	31	35	40	30	32	36	39	53	57	45	27	21	21	23	27	31	32	
PITTSVIEW	MAX	78	70	76	79	74		57	55	61	72	76	75	65	55	57	53	69	59	65	74	71	75	75	80	58	48	43	53	58	47	45	
	MIN	39	40	41	41	25		23	20	20	38	42	49	38	27	26	30	45	25	26	39	50	51	61	53	24	21	16	16	38	32	33	
THOMASVILLE	MAX	75	75	76	75	70	70	56	54	64	72	69	76	51	53	56	55	64	58	65	77	75	75	76	75	54	56	42	54	60	52	50	
	MIN	47	53	55	51	36	37	28	28	29	50	51	51	36	29	30	40	35	31	32	50	60	52	60	39	29	21	20	28	41	37	40	
TROY	MAX	71	78	78	72	70	57	54	63	72	76	74	66		59	50	68	59	66	75	71	70	75	76	71	62	47	54	57	54	50	47	
	MIN	48	58	51	55	35	44	28	35	36	54	56	42		30	40	45	42	36	43	57	56	59	62	45	30	22	23	36	43	35	40	
WHATLEY	MAX	78	79	77	73	74	70	65	70	72	71	72	71	58	57	53	63	70	69	75	69	74	76	73	70	62	49	50	54	58	56	54	
	MIN	42	42	49	52	21	46	24	29	41	45	58	42	25	24	32	45	28	26	39	42	46	54	33	38	25	19	30	40	45	42	40	
GULF 08																																	
BAY MINETTE	MAX	78	79	77	74	73	60	58	67	77	73	77	66	54	59	50	68	62	70	77	77	78	76	78	69	60	52	57	55	65	55	52	
	MIN	52	59	61	57	40	49	31	35	40	55	62	47	36	34	41	48	37	34	47	54	59	62	63	44	37	26	26	3				

EVAPORATION AND WIND

ALABAMA
OCTOBER 1970

Station	Day Of Month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05 MARTIN DAM	EVAP	.04	.04	.08	.03	.06	.30	.10	.10	.03	.00	.00	.05	.11	.09	.00	.00	.08	.11	.02	.09	.04	.02	.04	.15	.00	.08	.05	.15	-	-	-	2,068 2578
	WIND	1	1	2	9	3	35	24	4	2	-	1	9	25	17	2	14	10	2	1	2	1	2	11	19	2	22	2	2	7	9	8	
* * * GULF 08 FAIRHOPE 2 NE	EVAP	.03	.08	.03	.10	.11	.13	.13	.07	.02	.08	.10	.09	.11	.09	*	.04	.05	.14	.04	.06	.06	.08	.09	.09	.09	.08	.05	.03	-	.02	-	2,238 69.1 50.0
	MAX	76	79	80	72	72	68	60	63	70	71	73	90	68	64	59	72	66	67	76	75	80	81	74	76	69	52	52	55	59	62	61	
	MIN	58	64	66	65	46	54	39	39	47	51	53	36	41	43	44	51	45	42	53	58	60	65	65	60	45	37	37	42	50	47	47	

SNOWFALL AND SNOW ON GROUND

Station	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01 ATHENS 2	SNOWFALL SN ON GND																															T
BELLE MINA 2 N	SNOWFALL SN ON GND																															1.5
FLORENCE	SNOWFALL SN ON GND																															T
HUNTSVILLE WSO	SNOWFALL SN ON GND WTR EQUIV																															1.0 T
MOULTON 2	SNOWFALL SN ON GND																															T
MUSCLE SHOALS FAA AP	SNOWFALL SN ON GND																															T T
NEW MARKET 2	SNOWFALL SN ON GND																															T
RUSSELLVILLE 2	SNOWFALL SN ON GND																															T
WATERLOO	SNOWFALL SN ON GND																															T
* * * APPALACHIAN MOUNTAINS 02 ALBERTVILLE 2 SE	SNOWFALL SN ON GND																															T
BRIIDGEPORT 2 W	SNOWFALL SN ON GND																															T
SAINT BERNARD	SNOWFALL SN ON GND																															.2
VALLEY HEAD	SNOWFALL SN ON GND																															T T
* * * UPPER PLAINS 03 HALEYVILLE	SNOWFALL SN ON GND																															T T
HAMILTON 3 S	SNOWFALL SN ON GND																															T
* * * EASTERN VALLEY 04 ANNISTON FAA AP	SNOWFALL SN ON GND																															T
SYLACAUGA 4 NE	SNOWFALL SN ON GND																															T

DAILY SOIL TEMPERATURES

ALABAMA
DECEMBER 1970

Station	Depth Time (IN)	Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN AGRONOMY FARM	2	MAX	63	70	69	69	66	61	58	59	65	66	61	65	57	59	51	60	60	60	65	67	64	67	67	62	62	48	50	51	47	49	46	60.1
	MIN	53	52	56	56	50	48	41	41	39	48	56	55	49	41	40	44	49	42	42	61	59	58	59	54	43	43	36	32	43	42	42	42	47.5
	4	MAX	64	69	68	68	65	60	58	58	63	65	63	64	58	59	51	60	60	60	64	66	65	66	66	63	63	47	49	51	48	50	47	59.9
	MIN	54	54	57	57	51	49	44	42	43	50	57	57	50	44	43	45	50	45	44	59	59	58	60	56	46	46	39	39	44	44	44	44	49.4
ENTERPRISE 3 NW	8	MAX	60	64	64	65	62	59	55	54	58	61	60	60	55	54	49	56	56	55	58	62	62	63	63	60	60	45	46	48	44	47	45	56.5
	MIN	54	54	57	56	56	49	46	45	44	49	54	55	51	46	45	46	48	46	45	52	58	57	58	58	47	45	40	39	42	44	42	42	49.2
HEADLAND	4	MAX	61	62	63	65	65	58	60	54	54	57	61	62	64	52	54	58	62	57	55	58	61	61	65	67	63	57	50	48	50	55	54	58.5
	MIN	53	53	59	51	54	52	48	47	46	51	54	56	52	50	48	47	53	49	45	49	47	52	60	62	54	45	43	40	45	50	43	50.1	

ALL MAX AND MIN FOR 24-HOUR PERIOD ENDING AT LISTED OBSERVATION TIMES.

AUBURN AGRONOMY FARM : CHESTERFIELD SANDY LOAM, BARE, SLOPE UNKNOWN, PALMER SOIL THERMOMETERS.
 ENTERPRISE 3 NW : ORANGEBURG SANDY LOAM, BARE, SLOPE UNKNOWN, PALMER MAX AND MIN THERMOMETERS.
 HEADLAND : DOTHAN SAND LOAM, BARE, SLOPE UNKNOWN, PALMER DIAL TYPE SOIL THERMOMETERS.
 PITTSVIEW : IZAGORA FINE SANDY LOAM, BARE, SLOPE UNKNOWN, PALMER MAX AND MIN SOIL THERMOMETERS.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA
DECEMBER 1970
DELAYED DATA

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										81° or Above	31° or Below	31° or Below	17° or Below											
* * * AUGUST 1970 ATHENS 2 GUNTERSVILLE	90.6M 87.5	65.3M 68.3	78.0M 77.9		93	2	57 62	25 25	0 0	6	0	0	0	0	2.45 3.24		1.15 1.34	10 17	.0 .0	0		4 5	2 4	1 1

DAILY PRECIPITATION

Station	Total	Day of Month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * * AUGUST 1970 ATHENS 2 GUNTERSVILLE	2.45 3.24				.20						1.15 .60							1.34	.26	.31					.73										

DAILY TEMPERATURES

ALABAMA
DECEMBER 1970
DELAYED DATA

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUGUST 1970																																	
ATHENS 2	MAX	95	99		95	93	96		93		85	85	75	84	89	93	93	95	94	92	86	90		91	91	87	88	88	92	90	92	93	
	MIN	67	67		69	68	68		66		69	64	65	62	61	63	65	68	64	64	65	67		61	61	57	67	66	69	65	67	67	
GUNTERSVILLE	MAX	92	93	84	86	89	89	89	89	89	89	80	82	85	85	90	90	89	09	88	86	87	89	88	86	86	84	84	84	90	89	91	
	MIN	70	70	71	71	72	72	71	72	69	65	65	65	66	67	71	70	67	67	68	67	67	70	70	63	62	70	67	66	70	67		

DAILY SOIL TEMPERATURES

Station	Depth Time (IN)	Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOVEMBER 1970 AUBURN AGRONDMY FARM																																	
2	MAX	74	70	71	67	57	62	67	69	72	60	63	70	60	70	67	51	58	61	59	62	68	63	66	50	45	53	60	63	67	68		
	MIN	61	58	50	47	44	44	45	50	54	53	51	50	52	53	51	43	39	38	44	56	47	48	53	36	34	36	47	49	52	54		
4	MAX	73	69	70	66	57	62	66	68	71	61	64	69	60	69	65	53	57	60	59	62	67	63	65	52	41	51	59	61	67	67		
	MIN	63	60	53	50	47	47	47	53	55	53	52	54	53	53	46	42	41	45	57	49	50	55	40	38	39	48	48	53	55			
8	MAX	69	67	67	63	56	58	61	63	65	59	61	64	58	64	61	54	54	55	58	64	60	60	54	44	44	48	53	56	61	62		
	MIN	64	61	56	52	49	48	47	51	55	55	53	52	53	52	54	47	43	42	45	53	51	50	54	41	38	38	45	46	51	55		
NOVEMBER 1970 ENTERPRISE 3 NW																																	
4	MAX	72	71	69	66	60	61	64	64	65	65	64	63	62	64	57	56	58	61	63	65	60	60	54	49	50	53	57	61	62			
	MIN	50	48	48	58	58	54	52	52	44	42	42	44	50	53	53	-	-	-	-	57	49	50	54	41	-	-	-	-	-			
NOVEMBER 1970 HEADLAND																																	
2	MAX	71	68	69	65	62	58	59	59	61	63	63	62	56	60	63	57	53	55	56	61	62	57	57	61	47	47	50	59	61	60		
	MIN	64	63	60	56	51	50	53	54	55	55	57	55	51	53	56	51	47	30	39	55	53	51	49	42	39	38	41	45	46	45		
NOVEMBER 1970 PITTSVIEW																																	
4	MAX	78	69	73	68	64	62	61	67	67	67	64	67	62	65	65	55	58	58	59	65	66	62	63	56	48	55	55	58	61	62		
	MIN	63	60	57	54	51	50	47	47	49	49	55	55	55	55	50	45	45	46	55	50	46	49	41	40	40	41	42	44	44			

ALL MAX AND MIN FOR 24-HOUR PERIOD ENDING AT LISTED OBSERVATION TIMES.

AUBURN AGRONOMY FARM : CHESTERFIELD SANDY LOAM, BARE. SLOPE UNKNOWN. PALMER SOIL TEMPERATURES.
 ENTERPRISE 3 NW : ORANGEBURG SANDY LOAM, BARE. SLOPE UNKNOWN. PALMER MAX AND MIN THERMOMETERS.
 HEADLAND : DOTHAN SAND LOAM, BARE. SLOPE UNKNOWN. PALMER DIAL TYPE SOIL THERMOMETERS.
 PITTSVIEW : IZAGORA FINE SANDY LOAM, BARE. SLOPE UNKNOWN. PALMER MAX AND MIN SOIL THERMOMETERS.

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
JANUARY 1970	CLIMATOLOGICAL DATA	UPPER PLAINS 03	FAYETTE	TOTAL PRECIPITATION 2.55
JANUARY 1970	CLIMATOLOGICAL DATA	UPPER PLAINS 03	DIVISION	AVERAGE PRECIPITATION TOTAL 3.07, DEPARTURE FROM NORMAL 2.28
JANUARY 1970	DAILY PRECIPITATION	UPPER PLAINS 03	FAYETTE	TOTAL PRECIPITATION 2.55; AMOUNT ON 13TH 0
JULY 1970	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA	PIEDMONT PLATEAU 05	ASHLAND	AVERAGE MAXIMUM 88.7, AVERAGE MINIMUM 64.8, AVERAGE TEMPERATURE 76.8, NUMBER OF DAYS WITH MAXIMUM ABOVE 90°, 12
JULY 1970	DAILY TEMPERATURE	PIEDMONT PLATEAU 05	ASHLAND	MAXIMUM ON 31ST 88, AVERAGE MAXIMUM 88.7, MINIMUM ON 31ST 62, AVERAGE MINIMUM 64.8
SEPTEMBER 1970	EVAPORATION & WIND	GULF 08	FAIRHOPE 2 NE	WIND MOVEMENT ON 31ST 9, TOTAL 279
NOVEMBER 1970	DAILY PRECIPITATION	PRAIRIE 06	GREENSBORO	DELETE 1970 ON 31ST DAY

STATION INDEX

ALABAMA DECEMBER 1970

Main table with columns: STATION, INDEX NO., DIVISION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, STATION, INDEX NO., DIVISION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER. Contains a dense list of weather station records across Alabama.

2 DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CANABA 4-CHATTANOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOSA 12-TENNESSEE 13-TOMBIGBE

Additional information regarding the climate of Alabama may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist at National Weather Service Office, Dannelly Field, R.F.D. 2, Montgomery, Alabama 36108, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperature from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind direction and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observation on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Office and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 m., c.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

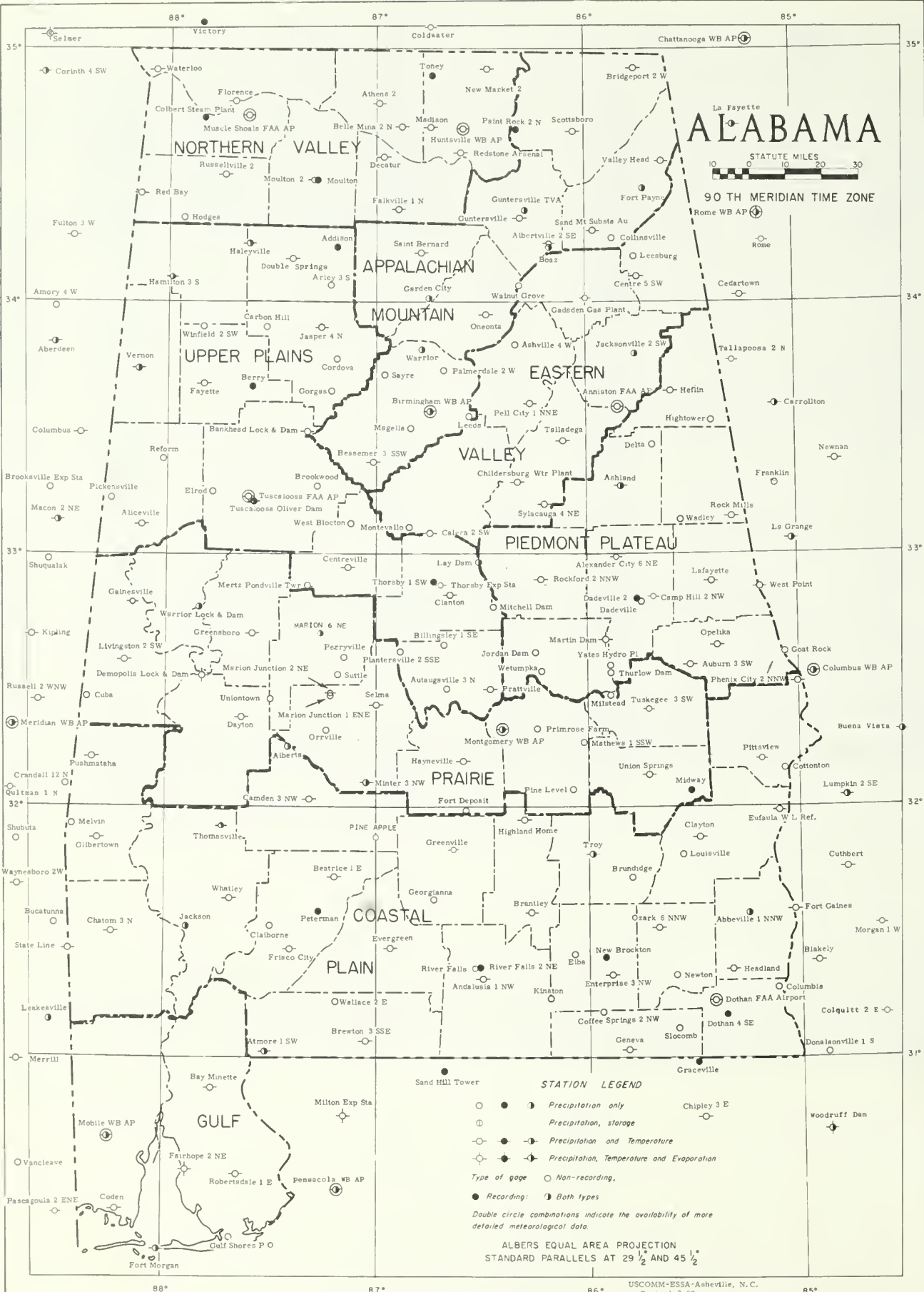
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purpose, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometer are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of stations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.



ALABAMA

10 0 10 20 30
STATUTE MILES

90 TH MERIDIAN TIME ZONE

STATION LEGEND

- ● ○ Precipitation only
 - ○ Precipitation, storage
 - ● ○ Precipitation and Temperature
 - ● ○ Precipitation, Temperature and Evaporation
 - Type of gage ○ Non-recording,
 - Recording: ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2



CLIMATOLOGICAL DATA

ALABAMA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

ANNUAL SUMMARY 1970
Volume 76 No. 13

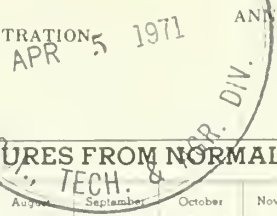


Table 1 AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	
NORTHERN VALLEY 01																											
ATHENS 2	-	-	-	-	48.4M	-	62.3M	-	68.3M	-	73.1M	-	78.0M	-	80.0M	-	75.0M	-	60.2M	-	45.9M	-	46.8M	-	47.0M	-	60.5M
BELLE MINA 2 N	35.4		42.3		50.3		64.3M		69.8		74.3		77.6		76.6		76.6		62.1		48.2		48.0		47.0		59.2
FALKVILLE 1 N	34.3		39.7		49.2		62.0		68.6		73.3		78.0		77.9		76.3		60.8		46.5		46.1		45.9		59.4
FLORENCE	34.2		41.5		48.7		62.9		68.2		73.3		77.0		78.0		75.4		59.4		47.4		45.6		45.6		59.4
HUNTSVILLE WSD	35.6	- 7.3	40.6	- 4.4	49.7	- 2.1	64.4	- 2.8	69.6	- 0.8	73.9	- 4.7	78.0	- 3.1	79.5	- 1.7	77.3	- 2.8	60.7	- 1.3	48.7	- 2.1	47.8	- 4.2	46.7	- 1.3	59.2
MAOISON	35.8	- 6.9																									
MULDON 2	36.0		42.8		50.1		64.2		70.1		75.0		78.8		79.8		77.8		62.3		49.1		47.5		47.5		61.1
MUSCLE SHOALS FAA AP	37.4		44.3		51.9		65.2		70.4		76.1		80.1		80.9		77.5		61.5		48.8		45.6		45.6		61.6
NEW MARKET 2	32.5		40.5		51.0M		63.0		68.5		74.0		77.1		78.0M		76.9		61.7		47.1		46.3		46.3		59.7M
REO BAY	35.8		41.8		49.2		63.1		71.1		75.6		78.9		80.2		79.0		61.6		48.5		48.7		48.7		61.0
ROSTONE ARSENAL	34.4		39.7		47.8		62.9		68.3		73.6		76.4		77.0		74.2		60.4		47.7		45.0		45.0		59.0
RUSSELLVILLE 2	33.6		38.9		47.8		61.5		65.4M		71.9		73.8		77.4		74.9		59.4		45.5		45.2		45.2		57.9M
WATERLOO	34.7		42.4		48.6		63.5		70.1		75.3		77.5M		80.4		78.0		61.5		49.2		47.3		47.3		60.7M
OIVISION	35.0	- 8.1	41.3	- 3.9	49.4	- 2.3	63.3	- 2.0	69.1	- 1.7	74.1	- 3.6	77.4	- 2.8	78.8	- 1.8	76.6	- 2.9	61.2	- 1.6	47.7	- 2.9	46.4	- 2.5	60.0	- 1.6	59.2
APPALACHIAN MOUNTAINS 02																											
ALBERTVILLE 2 SE	34.9	- 7.4	43.1	- 1.3	51.0	- 2.8	63.1	- 3.0	69.4	- 1.7	72.8M	- 3.4	76.8	- 1.7	78.0M	-		-	61.2M	- 1.8	47.9	- 2.3	47.4	- 4.2	47.4	-	59.2
BESSEMER 3 SSW	38.6		45.2		52.8		65.5		70.7		74.9		78.9		78.8		76.8		61.8		48.8		48.3		48.3		61.8
BIRMINGHAM WSD	37.9	- 8.6	44.5	- 4.2	52.6	- 1.9	65.6	- 2.5	71.3	- 1.5	75.7	- 3.7	80.6	- 1.0	78.7	- 2.4	77.0	- 1.7	63.3	- 2.4	48.4	- 4.9	47.9	- 1.6	62.0	-	62.1
BRIDGEPORT 2	33.9		41.3		49.9		62.1		67.9		72.7		76.4		78.4		75.2		61.9		46.8		44.9		44.9		59.2
DUNTERSVILLE	35.5		41.5		49.2		62.1		68.1		73.7		77.9		79.0		76.3		63.5		49.2		48.5		48.5		59.2
GNEDHTA	34.9		40.6		49.3		62.1		68.8		72.8		77.1		78.6		76.4		62.3		46.7		46.6		46.6		59.7
SAINT BERNARD	33.6M	- 9.1	39.2	- 5.7	48.8	- 2.3	61.6	- 1.7	68.4M	- 1.4	73.1M	- 3.3	76.9	- 2.5	78.6	- 1.6	76.5	- 2.7	61.9	- 1.0	45.6	- 4.3	45.0	- 1.6	58.8M	- 2.0	59.2
SAND MT. SUBSTA AU	32.8	- 10.3	39.5	- 6.0	48.4	- 3.1	61.4	- 1.8	68.2	- 1.9	73.1	- 3.7	77.4	- 1.9	77.2	- 1.0	75.3	- 2.7	62.3	- 1.0	47.6	- 4.6	46.7	- 1.1	60.1	-	60.1
SCOTTSBORO	30.7	- 11.1	36.3	- 7.9	45.8	- 4.1	58.6	- 1.8	64.6	- 3.1	69.9	- 5.7	74.1	- 3.7	76.5	- 2.7	73.9	- 2.0	61.0	- 1.4	43.0	- 4.3	43.4	- 1.3	58.7	- 3.2	58.7
VALLEY HEAD																											
OIVISION	34.8	- 9.1	41.4	- 4.5	50.0	- 1.8	62.6	- 1.6	68.7	- 1.6	73.2	- 3.6	77.2	- 1.9	77.8	- 1.7	75.8	- 2.6	62.0	- 1.8	47.3	- 3.5	46.4	- 2.1	59.7	- 1.7	59.7
UPPER PLAINS 03																											
ALICEVILLE	37.8M		43.1		52.9		65.5		72.6		78.1		82.2		82.2		80.0		65.1		48.2		49.0M		63.1M		63.1M
BANKHEAD LOCK AND DAM	37.3		42.2		51.3		64.6		70.1		74.4M		78.7		79.7		77.9		64.1		49.0		49.7		49.7		63.7
CENTREVILLE	37.2	- 9.4	43.3	- 6.1	51.7	- 3.8	65.7	- 2.0	70.0	- 1.9	75.3M	- 3.4	80.2	- 1.1	80.2	- 1.0	78.1	- 2.4	62.7	- 1.5	48.6	- 5.1	49.0	- 1.9	61.9M	- 2.3	61.9
CLANTON	37.2	- 9.6	43.2	- 5.6	52.3	- 2.3	65.1	- 2.1	70.5	- 1.1	75.1	- 3.8	79.7	- 1.0	79.0	- 1.0	77.4	- 2.5	64.3	- 1.1	48.6	- 4.3	49.0	- 2.2	61.8	- 1.8	61.8
ODDUB SPRINGS	34.3		40.3		49.5		62.1		68.9		72.8		76.4		77.5		75.2		60.4		46.7		46.7		46.7		59.2
FAYETTE	37.7M		42.0M		51.8M		62.1		68.1		72.4M		76.7M		77.7M		76.2M		62.0M		48.0		48.3		60.3M		60.3M
HALEYVILLE	34.4		40.5		49.3		63.0		69.8		73.9		78.3		78.9		76.8		61.8		47.3		46.4		46.4		60.0
HAMILTON 3 S	34.4		37.9		47.4		60.9		67.2		72.8		75.8		78.3		75.8M		60.0		45.2		45.8		45.8		59.5M
JASPER 4 N	35.7		44.4M		50.8		63.7		67.8		72.9		76.6M		77.4		75.2		60.7		47.1		46.4		46.4		59.5M
PRATTVILLE	39.9M	- 9.1	47.0	- 4.1	55.6	- 1.1	67.9	- 3.7	72.7	- 1.6	76.7	- 2.2	81.2	- 1.3	81.0	- 1.0	79.4M	- 3.6	67.1M	- 1.5	51.4M	- 3.1	51.4	- 2.5	64.3M	- 1.5	64.3M
THORSBY EXP STATION	38.1		45.3M		53.5		66.2		71.7		75.9		79.8		79.1M		77.6		65.4		50.5		49.4		49.4		62.7M
TUSCALOOSA FAA AP	39.5		45.3		53.7		67.6		72.9		77.8		81.9		82.0		80.4		65.0		49.7		48.7		48.7		62.2
TUSCALOOSA OLIVER DAM	37.9	- 9.0	44.8	- 4.5	52.7	- 2.5	65.5	- 1.8	70.2M	- 1.8	74.3M	- 5.5	77.9	- 3.8	80.4	- 1.0	79.1	- 3.1	64.0	- 1.2	49.5	- 3.9	50.0	- 2.6	62.2M	- 2.1	62.2
VERNON	37.9		44.1		52.7		66.7		71.1		76.2		79.3		80.3		78.3		62.7		48.7		48.7		48.7		62.2
OIVISION	37.1	- 9.6	43.1	- 5.6	51.8	- 2.9	64.9	- 1.7	70.3	- 1.9	74.9	- 3.6	78.9	- 1.8	79.6	- 1.7	77.6	- 2.6	63.3	- 1.3	48.3	- 4.6	48.5	- 1.7	61.5	- 2.1	61.5
EASTERN VALLEY 04																											
ANNISTON FAA AP	36.7		44.3		52.0		65.2		70.3		74.8		79.3		79.4		77.2		64.1		49.2		47.7		47.7		61.7
CALERA 2 SW	39.0		44.4		53.6		64.6		70.2		75.0		79.2		79.5		78.5		65.6		49.5		49.3		49.3		62.4
CENTRE 5 SW	35.1		41.4		50.4		62.6		69.8		73.6		78.2		78.2		76.6		62.6		47.4		45.9		45.9		60.2
CHILDERSBURG #TR PLANT	36.7		46.2		53.6		65.7		70.4		75.2		79.7		79.6		78.4		64.7		50.1		49.7		49.7		62.6
GAOSON GAS PLANT	36.5	- 8.1	43.9	- 2.7	51.3	- 1.4	64.1	- 2.4	69.7M	- 2	74.6	- 3.0	78.6	- 1.4	79.1	- 1.3	77.1	- 2.9	63.3	- 1.3	48.4	- 3.0	47.2	- 2.4	61.2M	- 1.0	61.2
PELL CITY 1 NNE	35.1		41.9		49.3		63.2		69.0		72.7		77.6		77.6		76.5		62.3		48.0		46.7		46.7		62.7
SYLACAUGA 4 NE	39.4		45.3		53.2		65.2		70.6		75.2		78.8		79.6		78.9		64.5		50.9		49.8		49.8		62.4
TALLADEGA	38.8	- 8.1	45.7	- 3.1	53.2	- 1.5	65.2	- 2.4	70.1	- 1.8	74.2	- 3.9	78.3	- 2.0	78.1	- 1.6	76.9	- 2.2	63.9	- 1.3	50.1	- 2.8	49.2	- 2.4	62.0	- 1.4	62.0
OIVISION	37.4	- 8.3	44.5	- 3.1	52.1	- 1.5	64.5	- 2.4	70.0	- 1.3	74.4	- 3.2	78.7	- 1.3	79.0	- 1.4	77.1	- 2.9	63.9	- 1.5	49.2	- 2.8	48.2	- 2.5	61.6	- 1.0	61.6
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	37.4		43.5		52.8		65.2		71.4		75.1		79.0		78.4		76.9		63.5		48.8		48.5		48.5		61.7
ASHLAND	35.0		42.2M		50.3		63.6		68.8		73.0		76.8		76.7		74.7		61.7		47.4		47.5		47.5		59.8M
AUBURN 3 SW	38.1	- 10.5	44.7	- 5.6	53.4	- 2.8	64.6	- 2.8	72.0	- 1.1	76.1	- 2.7	80.5	- 2.2	80.2	- 1.9	78.4	- 2.6	67.6	- 1.2	50.9	- 4.2	50.8	- 2.2	63.3	- 1.3	63.3
CAMP HILL 2 N	35.9		41.9M		51.8		63.7		69.2		74.0		78.1		78.0		76.6		64.0		48.4		48.7		48.7		60.9M
MEFLIN	33.8		40.9		49.1		61.3		67.8		72.7		76.4		78.5		75.8		61.7		46.0		45.6		45.6		59.2
LAFAYETTE	38.7		47.1		54.7		65.6		71.4		75.0		78.5		77.5		76.7		68.1		53.2		51.7		51.7		63.1
MARTIN DAM	41.6M		48.8		55.3		68.4		74.4		78.																

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA
1970

Table 1-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ENTERPRISE 3 NW	40.1		46.7		55.7		68.4 ^M		73.9 ^M		76.3 ^M		79.8		79.6		78.2		66.7 ^M		51.5		53.8		64.2 ^M	
EUFaula WILOLIFE REF	39.1		46.4		55.8		67.0		72.7		76.5		80.4		80.6		78.5		67.5		50.7		51.4		63.9	
EVERGREEN	41.6		47.3		56.6 ^M		69.1 ^M		74.3		77.9		81.6 ^M		81.0		80.4		67.3		52.8 ^M		55.8 ^M		-	
FRISCO CITY	41.2		46.6		55.7		68.4		72.8		77.0		80.5		80.3		79.2		66.7		51.8		54.2 ^M		64.6 ^M	
GENEVA	40.7		46.0		55.5		68.4		74.0		75.6 ^M		80.0		79.4		78.6		68.2		50.6		52.7 ^M		64.1 ^M	
GILBERTOWN	-2.7		48.2		55.1		68.3		70.8		77.1		79.3		80.1		78.0		65.0		51.5		52.5		64.1	
GREENVILLE	39.7	-11.5	45.7	-7.6	53.8	-4.8	68.6 ^M	2.3	72.0	-1.9	75.9	-4.3	79.9	-1.5	79.4	-1.7	78.4	1.7	66.0	-1.5	51.0	-5.8	52.0	.6	63.5 ^M	3.0
HEADLAND	40.2		46.6		56.6		68.8		74.0		76.9		80.7		79.8		78.2		66.8		50.3		51.9		64.2	
HIGHLAND HOME	39.0	-12.0	46.2	-6.6	54.4	-3.7	68.2	2.6	73.3	.1	76.2	-3.1	80.7	-.2	80.1	-.5	79.8	3.4	66.7	-.6	52.0	-4.6	53.0	2.0	64.1	2.0
DZARK 6 NNW	42.7	-9.6	49.6	-4.6	58.0	-1.3	69.7	2.9	74.4 ^M	.2	77.1	-2.9	80.4 ^M	-.6	80.2	-.5	79.2	2.2	68.2	-.3	53.6	-4.4	54.9	2.4	65.7 ^M	1.3
PHENIX CITY 2 NNW	41.3 ^M		46.1		55.1		67.0		74.3		76.3 ^M		81.8		81.1 ^M		78.7		67.8		50.5		50.2		64.2 ^M	
PITTSVIEW	37.4		43.6		52.9		65.3		70.5		75.0		79.4		79.6		77.2		66.1		49.6		49.2 ^M		62.2 ^M	
THOMASVILLE	39.4	-10.2	45.4	-6.4	53.8	-3.5	67.9	2.9	72.3	-.4	76.6	-2.7	79.5	-1.2	79.4	-1.2	78.4	2.4	64.7	-2.0	50.4	-5.5	51.7	1.7	63.3	2.2
TROY	41.9	-8.7	48.6	-4.0	56.3	-1.6	69.2	3.6	74.1	.8	76.8	-2.6	80.0	-.6	79.5	-.9	79.3	3.0	67.9	.6	52.6 ^M	-3.8	53.8 ^M	3.0	65.0 ^M	.9
WHATLEY	41.2		46.3		53.4		66.8		70.7		76.2		79.1 ^M		80.5		78.9 ^M		67.0		51.1		52.0		63.6 ^M	
DIVISION	40.9	-10.3	46.9	-6.4	55.4	-3.0	68.2	2.3	72.7	-.8	76.5	-3.2	79.9	-1.1	79.8	-1.0	78.4	1.8	66.5	-.8	51.3	-5.3	52.6	1.4	64.1	2.2
GULF	08																									
8AY MINETTE	44.9		50.6		58.0		70.9		74.3		78.4		81.9		80.6		79.5		68.6		55.6		56.2		66.6	
COOEN	45.7 ^M		50.7		59.6		70.1		73.8		79.2		81.4		81.1		80.2		70.5		56.3		56.1		67.1 ^M	
FAIRHOPE 2 NE	45.9	-7.7	51.0	-4.4	59.4	-.6	70.7	3.9	74.2	-.1	79.4	-.6	82.0	.7	81.1	-.3	79.9	2.2	69.1	-.2	55.7	-3.2	56.7	2.7	67.1	.6
FORT MORGAN																										
MOBILE WSD	45.0	-8.0	51.4	-3.8	59.2	-1.1	71.9	4.3	75.3	-.3	80.2	-1.3	83.0	.4	83.0	.9	81.7	3.8	70.5	.6	55.9	-3.0	57.4	3.3	67.9	.3
ROBERTSOALE 1 E	45.2		49.3		58.7		70.6 ^M		73.7		77.1 ^M		81.5		80.9		79.6		68.7		54.8		56.5		66.4 ^M	
DIVISION	45.3	-8.0	50.6	-4.7	59.0	-1.0	70.8	3.8	74.3	-.1	78.9	-1.2	82.0	.7	81.3	-.2	80.2	2.5	69.5	.1	55.7	-3.2	56.6	2.7	67.0	.7

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN THE JANUARY, MARCH, APRIL, AND JUNE 1970 ISSUES OF THIS BULLETIN.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1970

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL		
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	
NORTHERN VALLEY 01																											
ATHENS 2	1.78		3.38		6.81		9.66		1.81		5.49		3.00		2.45		4.19		7.50		2.45		3.94		52.46		
BELLE MINA 2 N	1.59		2.95		6.77		8.83		2.56		4.55		3.93		4.34		2.43		4.99		2.13		3.51		48.58		
FALKVILLE 1 N	1.95		2.47		6.02		8.95		2.86		5.25		4.10		7.15		1.94		6.04		2.34		3.64		53.31		
FLORENCE	1.99		3.80		5.82		10.82		3.80		4.31		3.29		3.27		4.92		2.09		4.83		4.43		51.34		
MOOGES	2.83		3.21		6.08		11.85		4.49		4.74		3.52		1.55		1.18		8.24		2.40		4.73		54.82		
MUNTSVILLE WSD	1.71-	3.51	2.75-	2.47	7.40	1.83	9.08	5.09	3.06-	.33	6.61	3.24	2.44-	1.81	4.04	.75	1.80-	1.29	4.76	2.04	2.58-	1.07	4.73-	.18	50.96	2.29	
MOISON	2.16-	3.40																									
MOULTON 2	2.05		2.46		7.63		10.55		4.23		4.83		2.80		1.56		1.75		6.37		2.41		3.67		50.31		
MUSCLE SHOALS FAA AP	3.19		3.43		6.02		11.02		6.31		3.13		2.80		3.44		4.37		6.00		2.07		4.79		56.04		
NEW MARKET 2	2.37		3.54		4.68		10.27		1.81		3.09		2.96		3.88		1.32		4.35		2.23		3.08		43.58		
REO BAY	2.47		3.61		7.10		11.75		3.47		2.60		3.00		3.29		.96		7.39		2.69		3.17		52.10		
REOSTONE ARSENAL	1.88		2.65		7.25		8.38		3.78		6.93		4.00		3.29		2.88		5.01		2.88		4.66		53.39		
RUSSELLVILLE 2	3.19		3.67		7.09		11.31		2.46		3.30		1.95		1.65		1.95		6.92		2.43		4.26		50.18		
WATERLOD	3.28		5.42		6.14		9.35		2.63		4.08		3.81		1.45		2.35		7.02		2.17		3.83		51.53		
DIVISION	2.28-	3.28	3.34-	2.18	6.61	.98	10.00	5.58	3.23-	.24	4.51	1.00	3.08-	1.28	3.29-	.26	2.44-	.89	6.02	3.20	2.36-	1.56	3.98-	1.01	51.14	.05	
APPALACHIAN MOUNTAINS																											
ALBERTVILLE 2 SE	2.83-	2.83	2.40-	3.25	8.03	1.91	9.25	4.75	4.11	.46	3.25-	.63	2.44-	2.26	3.68-	.33E	2.41-	.49	9.46	6.55	2.20-	1.86	5.43	.20E	55.49	2.28	
BESSEMER 3 SSW	3.46		2.86		9.01		6.97		3.82		8.42		3.47		4.85		.86		4.98		2.81		3.99		55.30		
BIRMINGHAM WSO	2.47-	2.56	2.35-	2.93	11.36	5.36	5.56	1.09	2.27-	1.15	3.55-	.46	3.27-	1.79	7.01	2.16	1.05-	2.28	7.04	4.09	2.31-	1.22	3.32-	1.70	51.66-	1.39	
BOAZ	3.19		2.73		6.87		7.41		3.27		2.90		1.91		3.57		2.38		4.74		2.48		4.45		45.90		
BRIDGEPORT 2 W	3.66-	2.19	2.09-	3.34	4.50	1.33	7.77	3.39	1.47-	2.24	4.18	.61	2.91-	1.52	3.99	.58	3.29-	.06	3.11	.21	1.93-	2.08	4.88-	.41	43.78-	8.58	
COLLINSVILLE	3.00		3.27		5.98		8.24		3.07		3.83		4.47		2.51		2.49		4.85		1.98		4.32		48.01		
FORT PAYNE	2.47		3.44		5.93		8.09		4.61		3.62		5.09		4.28		.81		4.25		2.44		3.96		48.99		
GADSDEN CITY	2.11		2.26		6.96		7.27		3.85		4.73		4.06		4.80		1.99		6.23		2.42		4.11		50.79		
GUNTERSVILLE	2.08		1.91						2.01		2.01		1.97		3.24		2.43		5.06		1.92		3.68				
LEEOS	2.70-	2.89	2.71-	2.79	10.48	4.35	5.24	.37	2.33-	1.09	4.00	.07	4.82-	.53	6.86	2.12	1.00-	1.65	8.38	5.39	2.46-	1.34	4.10-	1.36	55.68	.65	
MAGELLA	2.91		2.50		12.08		6.94		2.89		4.75		4.44		6.27		1.14		8.13		3.08		3.46		58.59		
ONEONTA	2.99		7.65		7.52		9.23		3.23		5.23		2.73		3.92		2.68		5.16		2.38		2.98		48.57		
PALMEROLA 2 W	3.40		2.70		10.95		6.88		2.00		4.76		1.34		3.96		.80		6.32		2.21		3.90		48.22		
SANT BERNARD	2.64-	2.17	2.28-	3.53	7.01	.95	9.03	4.60	2.83-	.68	5.06	1.25	5.00	.15	4.83	.68	1.79-	1.25	6.46	3.32	2.35-	1.90	4.79-	.33E	55.11	1.03	
SAVY HT SUBSTA AU	2.44		2.98		6.08		9.15		2.15		3.43		5.19		3.48		2.58		4.94		2.55		5.01		49.88		
SANDY MEADOW	3.01		2.06		9.90		6.82		2.04		5.07		4.66		4.77		2.05		7.37		1.97		4.26		55.00		
SCOTTSBORD	2.35-	3.58	2.16-	3.77	5.69	.50	9.01	4.25	2.48-	1.32	4.17	.33	3.66-	1.83	5.13	1.50	1.26-	1.98	4.59	1.49	2.21-	1.91	4.40-	.98	47.11-	8.30	
VALLEY HEAD	2.48-	2.92	3.27-	2.31	6.03	.33	9.24	4.42	2.79-	.81	4.68	.86	3.86-	.79	2.40-	1.47	3.35	.25	3.66	.71	2.51-	1.44	3.58-	1.23	47.79-	4.40	
WARRIOR	2.55		2.40		9.60		6.85		2.70		4.93		2.30		3.20		.90		7.70		2.30		3.60		49.03		
DIVISION	2.72-	2.84	2.46-	3.17	7.21	1.16	8.25	3.63	2.64-	.89	4.40	.57	3.45-	1.46	4.26	.14	2.16-	.96	5.44	2.49	2.35-	1.61	4.19-	.96	49.53-	3.90	
UPPER PLAINS 03																											
ALICEVILLE	4.07		1.40		4.35		7.32		2.77		4.15		1.75		4.23		1.00		9.03		3.40		6.76		50.23		
ARLEY 3 S	1.85		2.29		6.99		7.54		2.86		8.74		2.60		5.90		2.01		6.26		2.39		5.28		54.71		
AUTGAVILLE 3 N	2.66		3.88		5.63		2.18		2.69		4.11		5.99		5.35		1.90		4.22		2.30		4.12		45.03		
BANKHEAD LOCK AND DAM	2.79		2.70		8.77		8.36		1.50		6.46		2.10		4.29		3.06		8.25		2.10		3.73		54.09		
BILLINGSLEY 1 SE	3.43		3.53		5.96		3.19		1.80		3.23		6.96		5.64		2.88		7.08		2.46		4.49		50.25		
BROOKWOOD	2.50		2.80		7.05		5.75		.95		2.75		3.75		7.55		.80		6.00		3.80		2.61		46.31		
CARBON HILL	2.19		2.54		7.87		8.27		4.11		7.31		2.80		7.67		1.47		6.78		1.81		3.18		56.00		
CENTREVILLE	3.95-	1.15	2.86-	1.96	6.91	.21	5.44	.14	1.28-	1.86	5.05	.68	3.20-	2.17	9.49	5.18	1.32-	1.96	6.76	4.34	2.38-	1.04	6.25-	1.06	54.56-	.63	
CLANTON	3.25-	1.80	4.00-	1.23	5.57-	1.08	5.85	.03	2.14-	1.92	2.55-	1.69	5.30-	.37	12.10	7.44	1.22-	1.99	7.00	3.90	2.30-	1.11	5.95	.95E	56.33	1.13	
CORDOVA	2.49		2.76		11.34		8.16		2.28		4.63		4.94		8.55		.62		6.79		2.43		4.47		60.46		
DOUBLE SPRINGS	2.67		2.33		7.38		10.55		4.98		6.10		2.95		6.56		1.07		6.59		2.19		3.96		57.33		
ELROD	2.70		2.20		7.35		7.70		2.80		6.00		1.50		5.80		1.00		6.50		2.20		5.20		50.95		
FAYETTE	2.55		2.64		13.23		11.54		1.70		5.01		4.47		2.03		1.90		7.51		1.95		3.31		57.04		
GORGAS	2.94		2.71		13.48		6.96		3.02		5.28		4.02		4.30		1.04		9.02		2.11		3.89		58.77		
HALEYVILLE	2.40		2.34		8.08		10.83		7.22		4.52		2.53		4.53		1.98		5.35		2.46		4.93		57.17		
HAMILTON 3 S	1.05		2.56		7.03		7.68		4.62		4.64		2.50		7.21		1.89		6.53		2.46		3.51		51.68		
JASPER 4 N	2.05		2.53		7.57		3.45		3.13		5.17		4.34		8.53		3.17		6.95		2.47		4.16		53.52		
LAY DAM	3.47		3.41		8.07		4.83		2.61		2.26		6.27		8.16		.86		5.45		2.17		4.62		52.18		
KEATE PONDLIVE TOWER	3.88		3.38		5.04		6.01		4.63		3.11		6.47		7.45		.67		6.46		1.49		4.58		52.35		
MITCHELL DAM	3.26																										
PICKENSVILLE	2.81		2.43		6.57		6.80		2.77		2.68		3.37		4.87		2.22		5.77		1.37		3.92		45.58		
PLANTERSVILLE 2 SSE	2.82		2.31		6.87		2.35		2.70		4.83		2.93		3.12												

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1970

TABLE 2 CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL		
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	
AUBURN 3 SW	4.38-	-17	4.17-	.77	11.15	4.71	3.07-	2.01	3.01-	.61	3.91	.03	5.56	.38	4.00-	.40	1.64-	2.11	10.24	8.16	2.18-	1.24	5.76	.82	59.17	6.79	
CAMP HILL 2 NW	3.06		4.15		9.03		4.15		3.55		6.43		7.08		7.56		1.50		8.53		3.21		4.84		63.09		
QADEVILLE	2.73-	2.19	4.69-	.39	9.75	3.35	4.15-	1.09	1.95-	1.53	4.84	1.16	3.73-	1.63	5.41	.92	2.05-	1.38	12.05	9.86	2.80-	.49	4.92-	.11	59.08	6.48	
DELA	3.42		3.79		8.01		5.36		2.20		5.01		5.84		6.56		1.71		9.24		2.19		4.18		56.29		
HEFLIN	2.10		2.88		7.70		3.64		3.69		6.46		6.03		3.33		1.37		7.62		2.29		4.22		51.52		
HIGHTOWER	3.61		2.87		7.91		4.37		3.54		4.77		3.14		5.85		2.91		10.89		2.09		5.50		57.46		
JORDAN DAM	2.77		4.76		7.05		3.51		2.76		4.13		5.03		7.74		1.49		5.78		2.49		3.85		51.36		
LAFAYETTE	2.85		3.76		8.67		4.04		3.92		5.05		11.02		3.96		.84		7.05		2.34		5.47		59.57		
HARTIN DAM	2.50-	2.15	5.08	.26	7.48	1.46	3.31-	1.67	1.97-	1.44	4.84	1.09	4.17-	1.08	6.43	2.53	1.56-	1.85	11.08	9.14	2.21-	.94	4.01-	.90	54.64	4.45	
DEPLIKA	3.74		3.78		11.08		3.16		2.61		3.38		3.40		9.06		2.80		8.15		2.18		4.87		58.21		
ROCKFORD 2 NW	3.27		3.59		6.56		4.58		2.06		3.52		6.86		5.93		1.20		8.93		1.62		4.74		52.86		
ROCK MILLS	3.80		3.53		5.88		4.12		3.87		4.82		5.96		4.35		1.14		7.14		1.82		4.66		51.09		
THURLOW DAM	2.97		3.27		7.80		3.06		2.22		6.09		6.12		8.65		.59		8.63		2.40		6.10		58.00		
WADLEY	3.28		+02		6.35		5.08		4.62		5.31		4.14		4.80		1.10		10.70		2.38		4.75		56.53		
WETUMPKA	3.23-	1.33	4.94	.15	8.05	2.10	4.20-	.90	2.48-	.95	4.55	.22	4.09-	1.68	5.60	1.03	1.28-	2.19	5.89	3.77	1.93-	1.26	4.29-	.46	50.53-	.90	
YATES HYORD PLANT	2.29-	2.38																									
DIVISION	3.26-	1.59	3.86-	1.18	8.17	1.90	4.12-	1.19	3.08-	.48	4.63	.66	6.01	.70	5.40	.86	1.55-	1.90	9.48	7.21	2.26-	1.09	4.80-	.06	56.62	3.84	
PRAIRIE	06																										
CUBA	3.25		2.96		5.40		4.49		2.24		2.92		6.06		8.94		.98		6.61		1.89		5.23		52.97		
DAYTON	3.11		4.33		6.34		3.46		2.61		5.67		2.86		3.80		1.02		6.68		1.68		5.68		45.10		
DEMPOLIS LOCK AND DAM	3.33-	1.36	3.12-	1.86	6.21-	.01	2.97-	1.81	1.07-	3.01	3.69	.24	3.14-	1.93	4.90	1.41	1.83-	1.11	8.15	5.81	2.13-	1.04	3.52-	1.52	44.06-	6.19	
GAINESVILLE	2.55		3.07		4.49		2.77		2.64		5.63		6.44		6.17		.44		7.21		1.67		3.82		49.90		
GREENSBORO	3.24-	1.52	3.77-	1.55	7.12	.55	3.66-	1.54	4.93	.71	11.67	8.48	2.69-	2.46	8.40	4.54	2.07-	1.21	5.82	3.36	1.79-	1.47	3.44-	1.66	58.60	6.23	
HAYNEVILLE	3.33		3.91		8.04		2.40		3.45		8.75		2.86		8.47		1.22		2.94		1.45		4.28		50.52		
LIVINGSTON 2 SW	3.29		3.10		4.77		4.29		2.21		3.26		8.51		4.90		1.65		10.43		1.93		5.17		53.51		
MARION 6 NE	3.49		4.05		8.26		3.44		1.46		4.59		2.98		5.24		1.13		5.58		2.56		4.43		47.21		
MARION JUNCTION 2 NE	3.32		3.72		6.42		3.09		2.66		6.32		2.49		4.67		.41		11.64		1.64		5.11		45.06		
MATHEWS 1 SW	3.55		3.40		6.15		2.10		4.14		12.86		4.04		4.21		1.90		7.40		1.70		3.85		53.30		
HILSTEAD	4.48-	.03	3.87-	.75	8.71	2.69	2.71-	2.19	2.47-	1.22	5.32	1.54	4.90	.37	8.01	3.49	2.06-	1.54	7.24	5.35	2.90-	.47E	5.27	.24E	57.94	7.48	
HINTER 3 NW	2.80		3.89		7.85		2.82		2.69		5.18		1.97		5.47		2.52		4.57		2.90		4.29		46.10		
MONTGOMERY WSO	2.63-	1.23	3.77-	.59	8.20	.04	2.01-	2.88	3.49	.02	7.83	3.66	3.89	.49	7.80	.40	2.02-	1.95	4.98	2.70	1.50-	1.52	4.18-	.63	48.24	2.29	
ORRVILLE	3.11		6.05		6.19		3.64		3.86		3.99		3.23		7.30		1.42		6.54		1.91		3.88		51.12		
PERRYVILLE	3.54		3.66		5.65		4.12		2.02		4.77		3.16		7.25		.37		5.27		1.84		3.83		45.48		
PINE LEVEL	2.88		3.80		6.70		1.90		3.38		12.73		2.62		6.05		.32		6.98		1.36		5.28		54.00		
SELMA	3.70-	.67	4.76-	.18	5.17-	.91	2.67-	2.87	4.46	.42	5.31	1.57	4.73-	.48	4.72	.35	.43-	2.49	5.73	3.59	1.82-	1.30	5.46	.39	48.96	2.58	
SUTTLE	3.43		3.51		6.73		3.49		2.54		5.89		2.66		8.23		.00		5.08		1.79		5.16		46.31		
UNION SPRINGS	2.83-	1.50	4.32-	.40	6.42	.23	1.52-	3.62	4.52	1.13	7.50	3.70	2.46-	1.68	6.83	4.25	.70-	2.49	6.98	4.85	1.69-	1.18	5.85	1.25	55.80	4.54	
UNIONTOWN	2.98		3.64		6.63		4.17		1.89		5.86		2.94		5.70		1.11		5.69		2.02		4.72		47.35		
WARRIOR LOCK AND DAM	3.07		2.76		4.94		5.26		2.54		4.63		1.25		6.85		2.31		8.17		2.72		4.63		48.95		
DIVISION	3.12-	1.20	3.77-	1.01	6.28	.07	3.15-	1.87	3.16-	.52	6.44	2.68	4.15-	1.32	5.82	1.78	1.30-	1.93	6.06	3.91	1.77-	1.39	4.62-	.23	49.64-	1.03	
COASTAL PLAIN	07																										
ABBEVILLE 1 NW	3.72		4.32		12.83		1.75		2.80		5.37		6.08		5.91		2.74		5.03		2.36		2.91		58.42		
ALBERTA	2.92		4.31		5.64		2.04		2.68		8.17		3.25		6.10		1.56		6.07		2.10		5.09		48.00		
ANDALUSIA 1 NW	3.86		4.18		8.79		3.63		2.90		15.78		3.43		5.52		2.02		4.51		1.74		4.88		63.71		
ATOMORE 1 SW	2.70		5.12		7.87		1.09		3.36		8.93		4.04		7.90		2.03		5.54		2.45		7.55		58.53		
BEATRICE 1 E	4.41		4.48		8.20		1.63		2.68		3.25		3.32		7.29		.66		4.07		2.35		5.07		47.41		
BRANTLEY	4.01-	.75	4.19-	.62	8.13	1.93	.88-	4.29	2.73-	1.32	13.16	8.88	2.70-	3.24	7.42	2.10	1.80-	2.28	4.94	3.07	2.17-	.96	6.15	1.43	58.22	3.95	
BREATHON 3 SSE	3.39-	1.26	4.63	.04	9.87	3.61	1.58-	4.32	7.39	2.62	15.48	10.28	5.35-	2.44	10.27	4.50	1.08-	4.30	8.29	5.91	2.49-	.89	7.40	2.83	77.22	16.58	
BRUNOLOGE	3.65-	.67	4.25-	.21	7.75	1.63	1.16-	3.93	3.75	.12	7.62	3.67	6.18	.07	9.91	2.76	1.03-	2.97	4.39	2.44	3.77	.87	5.01	.61	56.47	4.39	
CAMDEN 3 NW	3.23		4.00		7.87		2.71		5.60		4.60		6.86		8.62		.98		6.39		1.75		3.89		56.50		
CHATOH 3 N	4.01		6.56		9.00		1.92		2.50		4.24		7.17		8.97		1.48		5.63		2.88		6.05		59.41		
CLAIBORNE	5.28		4.87		8.56		1.70		4.44		2.64		6.32		6.60		1.24		6.73		2.19		6.53		59.10		
CLAYTON	4.32-	.36	4.57-																								

TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA
1970

Table 3—Continued

Station	Highest		Lowest		Last spring minimum of										First fall minimum of										Number of days between dates				
	Date	Temp.	Date	Temp.	16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
COASTAL PLAIN 07																													
ANOKLUSIA 1 NW	100	7-4	11	1-9	2-5	16	2-13	20	2-27	21	3-16	27	3-23	30	11-5	32	11-17	23	11-17	23	11-24	20	11-25	16	293	284	263	246	227
ATMORE 1 SW	98	7-4	14	2-4	2-4	14	2-4	14	2-13	24	3-14	27	3-23	32	11-17	25	11-17	25	11-24	21	11-25	19	NDNE	294	284	248	239		
BEATRICE 1 E	93	7-4	8	1-8	2-5	10	2-5	10	2-26	24	2-27	26	3-17	32	11-3	31	11-5	28	11-17	21	11-24	16	11-24	16	292	292	264	251	231
BRANTLEY	100	7-4	8	1-9	2-4	11	2-27	20	3-16	24	3-16	24	3-24	32	11-4	31	11-17	22	11-17	22	11-24	18	11-25	14	294	270	248	246	225
BRENTON 3 SSE	101	7-3	8	1-10	2-4	11	2-13	20	2-27	21	3-16	25	3-23	29	11-4	29	11-17	22	11-17	22	11-25	17	NDNE	285	263	246	226		
CAMDEN 3 NW	99	7-3	3	1-9	2-4	7	2-13	20	3-16	24	3-16	24	4-3	32	11-3	30	11-5	27	11-17	23	11-24	14	11-24	14	293	284	246	234	214
CHATMO 3 N	99	7-4	8	1-9	2-4	11	2-4	11	2-4	11	3-14	28	3-16	30	11-6	32	11-17	25	11-25	23	NDNE	NDNE	NDNE	294	294	248	235		
CLAYTON	95	7-3	8	1-9	2-4	13	2-5	20	2-5	20	3-14	28	3-16	30	11-17	29	11-24	17	11-24	17	11-24	17	NDNE	292	292	255	246		
ENTERPRISE 3 NW	98	7-4	9	1-9	2-5	14	2-5	14	2-5	14	3-14	28	3-15	29	11-17	29	11-24	18	11-24	18	11-24	18	NDNE	292	292	255	247		
EUFULA WILDLIFE REF	101	7-3	9	1-9	2-4	16	2-5	18	2-27	23	3-16	28	3-23	32	11-17	24	11-17	24	11-17	24	11-24	19	11-25	14	294	292	263	246	239
EVERGREEN	102	7-4	10	1-9	2-5	16	2-5	16	2-5	16	2-28	27	3-14	29	11-17	27	11-17	27	11-24	20	11-24	20	NDNE	292	292	262	248		
FRISCO CITY	110	7-4	9	1-9	2-5	13	2-5	13	2-5	13	3-14	27	3-15	32	11-4	32	11-17	26	11-24	19	11-24	18	NDNE	292	292	248	234		
GENEVA	97	7-5	10	2-5	2-6	11	2-6	11	2-27	24	3-16	26	3-24	31	11-17	28	11-17	28	11-24	21	-	-	-	-	-	270	246	233	
GILBERTOWN	98	7-3	6	1-9	2-4	10	2-6	10	2-27	22	3-16	27	3-22	30	11-3	32	11-17	23	11-17	23	11-24	19	12-27	13	326	293	263	246	226
GREENVILLE	97	7-4	6	1-10	2-4	13	2-4	13	2-4	13	3-15	28	3-23	31	11-4	31	11-17	26	11-24	17	11-24	17	11-25	11	294	293	293	247	226
HEADLAND	98	7-3	11	1-9	2-5	16	2-5	16	2-5	16	2-27	28	3-16	32	11-5	32	11-17	26	11-24	17	11-24	17	11-25	15	293	292	292	263	234
HIGHLAND HOME	100	7-4	5	1-10	2-5	12	2-5	12	2-5	12	2-27	26	3-16	31	11-17	29	11-24	18	11-24	18	11-24	18	NDNE	292	292	270	246		
DIARK 6 NNW	98	7-3	9	1-9	2-4	13	2-4	13	2-4	13	2-26	26	3-16	31	11-17	32	11-24	17	11-24	17	11-24	17	NDNE	293	293	271	246		
PHENIX CITY 2 NNW	105	7-4	6	1-9	2-5	15	2-5	15	2-5	15	2-27	26	3-16	30	11-5	31	11-17	25	11-24	14	11-24	14	11-24	14	292	292	263	234	
PITTSVIEW	100	7-3	6	1-9	2-5	13	2-26	19	3-17	24	3-17	24	3-24	31	11-7	31	11-17	21	11-17	21	11-24	17	11-25	12	293	269	245	245	228
THOMASVILLE	97	7-4	8	1-10	2-5	12	2-5	12	2-5	12	2-27	25	3-16	31	11-4	32	11-17	27	11-24	18	11-24	18	NDNE	292	292	263	233		
TROY	97	7-3	8	1-9	2-4	12	2-4	12	2-4	12	3-14	26	3-16	31	11-17	27	11-17	27	11-24	18	11-24	18	NDNE	293	293	248	246		
WHATLEY	101	7-4	2	1-9	2-4	6	2-27	19	3-14	22	3-16	26	4-3	30	11-4	30	11-17	21	11-17	21	11-24	18	11-25	15	294	270	248	246	215
GULF 08																													
BAY MINETTE	98	7-3	14	1-9	2-4	15	2-4	15	2-4	15	2-26	28	3-14	30	11-17	30	11-24	21	11-24	21	NDNE	NDNE	NDNE	293	271	248			
COHEN	98	10-3	14	1-9	2-4	15	2-4	15	2-4	15	2-27	28	3-14	29	11-24	24	11-24	24	11-24	24	NDNE	NDNE	NDNE	293	270	255			
FAIRHOPE 2 NE	96	7-3	15	2-4	2-4	15	2-4	15	2-4	15	2-4	15	2-4	15	11-17	30	11-24	23	11-24	23	NDNE	NDNE	NDNE	293	293	263			
FORT MORGAN																							12-26	14	-	-	-	-	-
MOBILE WSD	99	7-3	17	1-9	NDNE		2-4	18	2-4	18	2-4	18	3-14	32	11-17	32	11-24	24	11-24	24	NDNE	NDNE	NDNE	293	293	248			
ROBERTS OALE 1 E	100	7-4	16	2-4	2-4	16	2-4	16	2-5	22	2-27	27	3-14	30	11-17	26	11-17	26	11-24	22	NDNE	NDNE	NDNE	292	263	248			

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
PIEMONTE PLATEAU 05														
MARTIN OAM	EVAP	-	-	3.658	4.888	6.198	5.978	-	-	5.00	-	2.408	2.068	-
	DEP			.28	-	-	-	-	-	.29	-	.11	.07	-
	WIND	1052	475	347	184	153	-	-	-	-	135	157	2578	-
PRAIRIE 06														
DEMOPOLIS LOCK AND OAM	EVAP	2.408	-	3.878	5.05	6.748	6.22	7.16	6.23	6.00	4.338	2.57	-	-
	WIND	1975	1861	2246	1729	1164	825	827	715	1073	1512	1645	-	-
	MAX	-	63.2	67.5	82.7	89.5	94.5	99.0	98.4	97.4	78.8	65.6	-	-
	MIN	-	40.2	47.4	56.5	64.5	71.1	73.0	74.1	72.2	56.9	44.4	-	-
GULF 08														
FAIRHOPE 2 NE	EVAP	1.878	2.398	3.328	4.668	5.47	6.638	6.45	5.548	4.608	3.438	2.76	2.238	49.35
	DEP	.08	.05	.44	.31	.80	.41	.25	.13	.34	.36	.36	.60	.06
	WIND	1085	1094	1058	547	370	682	605	386	279	558	7388	-	-
	MAX	-	65.8	74.6	91.1	94.6	97.9	101.8	98.0	95.6	81.8	69.8	69.1	-
	MIN	-	45.3	55.1	55.2	68.2	74.0	76.2	77.0	75.0	64.2	50.4	50.0	-

See Reference Notes Following Station Index

SOIL TEMPERATURES

ALABAMA
1970

Station	Depth (ft)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
AUBURN AGRONOMY FARM	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.6	72.3	53.8	70.3	-	-
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.1	73.3	54.7	69.3	-	-	
	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.1	69.3	52.9	65.3	-	-	
ENTERPRISE 3 NW	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.7	72.4	-	64.4	-	-	
HEADLAND	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.1	71.3	-	-	-	-	
PITTSVIEW	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.3	67.4	-	-	
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.1	74.4	-	-	-	-	

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

AUBURN AGRONOMY FARM : CHESTERFIELD SANDY LOAM, BARE. SLOPE UNKNOWN.
 ENTERPRISE 3 NW : ORANGEBURG SANDY LOAM, BARE. SLOPE UNKNOWN.
 HEADLAND : DOTHAN SAND LOAM, BARE. SLOPE UNKNOWN.
 PITTSVIEW : IZAGORA FINE SANDY LOAM, BARE. SLOPE UNKNOWN.

STATION INDEX

ALABAMA
1970

Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record	Opened or closed during yr.	Refer to tables	Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record	Opened or closed during yr.	Refer to tables			
					Temp.	Precip.	Evap.	Temp.	Precip.	Evap.						Temp.	Precip.	Evap.	Temp.	Precip.	Evap.			
ABBEVILLE E 1 NW	0008	07	HENRY	4	31 35	85 15	465	17			MAISON	4976	01	MAISON	12	34 42	86 45	580	77	77	1 2 3			
ADDITION	0063	03	WINSTON	2	34 13	87 11	795	30			MAGELLA	4990	02	JEFFERSON	3	33 30	86 51	654	34		2 C			
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175	35			5112	06	PERY	1	32 44	87 10	203	4			2 C			
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	40	1 2 3		5118	06	DALLAS	3	32 27	87 13	203	32			INAC			
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	860				5121	06	DALLAS	3	32 28	87 13	200	21	21		1 2 3			
ALBUQUERQUE	0178	03	PICKENS	13	33 07	87 21	140	13	1 2 3		5140	05	HAND	1	32 40	85 59	140	21	47			1 2 3		
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	260	33	1 2 3		5172	06	MONTGOMERY	11	32 15	86 01	190	14	24			1 2 3		
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	599	24	1 2 3		5354	07	CHOCTAW	13	31 56	88 27	350	30			2			
ARLEY 3 S	0338	03	WINSTON	13	34 06	87 13	500	33			5382	03	BIBB	3	32 53	87 01	800	29			MAY	2		
ASHLAND	0369	05	CLAY	11	33 15	85 50	1080	14	1 2 3		5397	06	BULLOCK	4	32 43	85 31	490					2 C		
ASHVILLE 4 W	0377	04	ST. CLAIR	7	33 51	86 20	590	55			5439	06	MACON	11	32 27	85 54	201	70				2		
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 20	520	16	1 2 3		5449	06	DALLAS	1	32 05	87 03	370	14	14			1 2 3		
ATHENS 3 SW	0407	07	ESCAMBIA	8	31 01	87 31	254	7	1 2 3		5465	03	CHILTON	7	32 48	86 27	350	34				1 2 3		
AUBURN 3 SW	0422	05	LEE	11	32 34	85 31	730	79	93		5478	08	MOBILE	9	30 42	88 15	243	27				1 2 3		
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 15	85 30	652			NOV	5537	04	SHELBY	3	33 06	86 52	462	30						
AUTGAUVAVILLE 3 N	0440	03	AUTAUGA	1	32 20	86 41	200	30			5550	06	MONTGOMERY	1	32 18	86 24	183	27				1 2 3		
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 29	87 20	280	15	1 2 3		5625	01	CHUREN	12	34 29	87 17	980					1 2 3		
BAY MINETTE	0548	08	BALWIN	9	30 53	87 47	248	46	52		5635	01	LAWRENCE	12	34 29	87 18	648	14	14				1 2 3	
BEATRICE 1 F	0616	07	HAND	1	31 44	87 12	178	4	1 2 3		5749	01	COLBERT	12	34 45	87 37	536	81	87				1 2 3	
BELLE HUNA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	22	2 2		5842	07	COFFEY	5	31 24	85 56	460						2 C	
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				5867	01	MAISON	12	34 55	86 27	728	12	23				1 2 3	
BESSEMER 3 SW	0823	07	JEFFERSON	2	33 22	87 03	560	16	19		5878	07	LEE	5	31 20	85 36	210	55					1 2 3	
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420	32			6121	02	BLUNT	2	33 57	86 29	870	60	59				1 2 3	
BIRMINGHAM WSD	0831	02	JEFFERSON	2	33 34	86 45	620	33	33		6129	05	LEE	11	32 38	85 23	750	14	14				1 2 3	
BRYANTLEY	1069	07	CRENSHAW	6	31 35	86 10	274	14	41		6181	04	DALLAS	3	32 18	87 14	200	30					1 2 3	
BRENTON 3 SSE	1084	07	ESCAMBIA	6	31 34	87 03	85	53	56		6218	07	DALE	5	31 31	85 41	421						1 2 3	
BRIDGE 2 S	1249	02	JACKSON	13	32 57	87 25	224	18	78		6226	02	JACKSON	12	34 42	86 20	635						2 C	
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	605	10			6329	04	ST. CLAIR	7	33 36	86 10	959	11	11				1 2 3	
BRUNOIDGE	1178	07	PIKE	5	31 43	85 49	510	41			6362	06	PERY	3	32 36	87 09	500	29					2	
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 46	540	15	71		6370	07	HAND	1	31 35	87 16	195						1 2 3	
CANDON 3 N	1301	07	WILCOX	1	32 02	87 20	225	10	10		6398	07	RUSSELL	4	32 30	85 01	570	12	12				1 2 3	
CANTON HILL 2 NW	1324	05	TALLAPOOSA	11	32 07	87 20	410	22	22		6408	07	PICKENS	13	33 17	85 10	198	31	30				1 2 3	
CARROLL HILL	1377	03	WALKER	2	33 54	87 32	330	32			6430	07	WILCOX	1	31 53	87 01	230	4					1 2 3	
CENTRE 5 SW	1512	04	CHEROKEE	7	34 06	85 15	620	15	15		6468	05	MONTGOMERY	6	32 04	86 06	506	31					1 2 3	
CENTREVILLE	1540	03	BIBB	3	32 57	87 05	224	54	34		6501	07	RUSSELL	5	32 11	85 10	380	3					1 2 3	
CHATOM 3 N	1566	07	WASHINGTON	13	31 30	88 15	285	22	22		6508	03	AUTAUGA	1	32 37	86 54	230	31					1 2 3	
CHILDERSBURG WTR PLANT	1620	04	TALLAPOOSA	7	33 17	86 20	418	14	14		6640	03	AUTAUGA	1	32 28	86 28	290	72	09				1 2 3	
CLAYTON	1674	08	HAND	1	31 31	88 31	183	13	13		6805	01	FRANKLIN	13	34 26	88 08	880	14	21				1 2 3	
CLAYTON	1674	03	CHILTON	7	32 51	86 48	800	78	78		6833	01	MAISON	12	34 35	86 36	973	17	17				1 2 3	
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	15	43		6847	03	PICKENS	13	33 23	88 01	228	33					2	
COHEN	1803	08	MORILE	9	30 23	88 13	12	14	14		6937	07	COVINGTON	6	31 22	86 32	180	43						2
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250	48			6944	07	COVINGTON	6	31 22	86 31	190							1 2 3
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 44	87 50	470				6988	08	BALWIN	9	30 32	87 40	155	41	58				1 2 3	
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 52	344	33			7020	05	COOSA	8	32 54	86 14	670	17	17				1 2 3	
COMODA	1940	04	WALKER	2	33 46	87 11	334	48			7025	05	RANDOLPH	4	33 09	85 18	745	36	40					1 2 3
COVINGTON	1974	07	RUSSELL	4	32 59	85 04	217	12			7131	01	FRANKLIN	12	34 31	87 44	880	18	18				1 2 3	
CUHA	2079	06	SUMTER	13	32 56	88 23	225	31			7157	02	CULLMAN	2	34 12	86 47	802	84	64					1 2 3
DADEVILLE E	2119	05	TALLAPOOSA	11	32 49	85 45	760	58			7207	02	DE KALB	12	34 17	85 58	1195	21	22				1 2 3	
DADEVILLE E 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				7282	02	JEFFERSON	2	33 43	86 58	304	33						1 2 3
DAYTON	2188	06	HARENGO	13	32 21	87 39	225	23	23		7304	02	JACKSON	12	34 41	86 03	615	88	89					1 2 3
DELTA	2235	05	CLAY	11	33 26	85 42	1030	34			7368	06	DALLAS	1	32 25	87 00	147	91	91				1 2 3	
DEMOBOLIS LOCK AND DAM	2250	02	HARENGO	13	32 50	87 50	100	20	14		7376	07	GENEVA	5	31 07	85 34	248	23						1 2 3
DOTHAN FAA AIRPORT	2372	07	HOUSTON	5	31 19	85 27	371	32	52	JAN	7463	06	PERY	2	32 32	87 11	145	22					2	
DOTHAN C SE	2377	07	HOUSTON	5	31 10	85 21	308	50			7499	04	TALLAPOOSA	7	33 12	86 12	499	16	16				1 2 3	
DOUBLE SPRINGS	2383	03	WINSTON	13	33 41	87 24	800	14	14		8024	04	TALLAPOOSA	7	33 07	86 06	965	81	82					1 2 3
ELBA	2577	07	COFFEY	10	31 25	86 04	195	43			8178	07	CLARK	13	31 55	87 44	405	79	80				1 2 3	
ELWOOD	2632	03	TUSCALOOSA	13	33 19	87 48	252	31			8204	03	CHILTON	1	32 54	86 44	200						1 2 3	
ENTERPRISE 3 NW	2675	07	COFFEY	5	31 20	85 53	408	5	5		8209	03	CHILTON	1	32 53	86 42	880	13	13				1 2	

Additional information regarding the climate of Alabama may be obtained by writing to the National Oceanic and Atmospheric Administration State Climatologist, National Weather Service Office, Dannelly Field, RFD 2, Montgomery, Alabama 36108, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA ALABAMA."

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.

+ Also on earlier date (dates) or months.

* Amount included in following measurement.

// Gage is equipped with a windshield.

B Adjusted to a full month.

E Amount is wholly or partially estimated.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

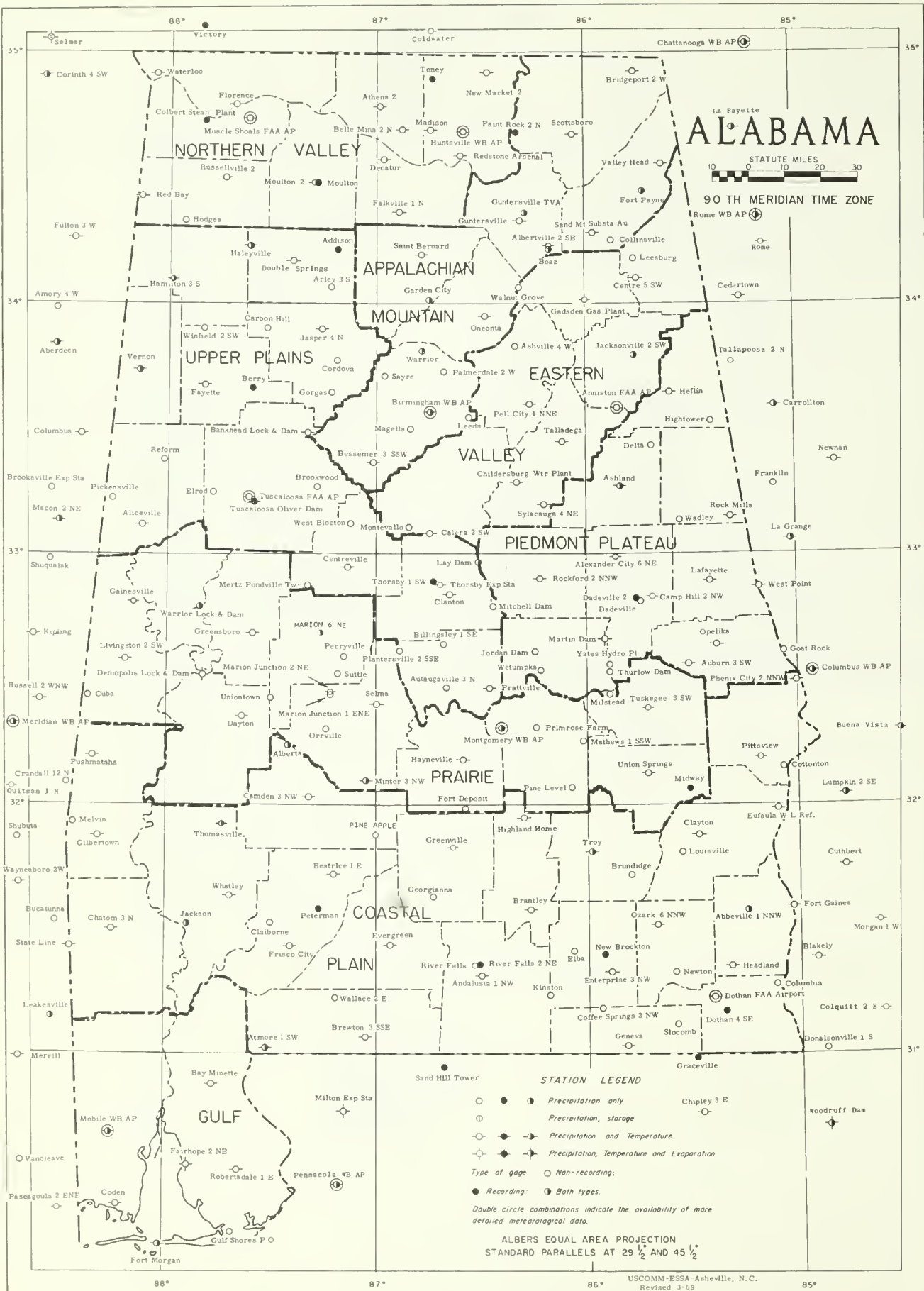
C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

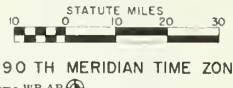
Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-NOAA-ASHEVILLE-3/18/71-930



ALABAMA



- STATION LEGEND**
- ● ● Precipitation only
 - ⊖ ● Precipitation, storage
 - ● ● Precipitation and Temperature
 - ● ● Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording;
● Recording; ● Both types.
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°





