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U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JANUARY 1961

Volume 67

No. 1



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 75° on the 18th at Chatom and Gilbertown

Lowest Temperature: 4° on the 22nd at 3 stations

Greatest Total Precipitation: 6.49 inches at Mobile

Least Total Precipitation: 1.20 inches at Muscle Shoals FAA AP

Greatest One-Day Precipitation: 2.45 inches on the 25th at Mobile WB Airport

Greatest Reported Total Snowfall: 2.0 inches at Jacksonville 2 SW and Leesburg

Greatest Reported Depth of Snow on Ground: 2 inches on the 26th at Leesburg and on the 27th at Centre 5 SW

JANUARY ICE STORMS

Very cold air covered the south most of the month and for much of Alabama it was the coldest January since 1940. The blanket of cold air was favorable for the development of freezing rain and ice storms. Several times during the month light freezing rain fell in scattered localities and on two occasions freezing rain fell over much of the state and was heavy enough to be called an "ice storm".

The first ice storm occurred mainly on the 25th but began on the 24th in some of the northern and western counties. Freezing rain and glaze was reported over all but the extreme southeastern counties. In the western half of the state the ice accumulation was not great enough to cover the ground but did coat trees, shrubs and other vegetation along with power and telephone lines. The freezing rain was moderate to heavy in many of the eastern counties and over one inch of ice was reported on the ground in some areas. Highways and roads were hazardous on the 25th and 26th particularly in the higher elevations of the eastern counties. Total rainfall for the storm was generally heavy but fortunately temperatures were

above freezing much of the time and the ice accumulation was not great. In south Alabama most of the ice melted on the afternoon of the 26th but in north Alabama the ice remained as late as the 30th in spots.

The second ice storm began on the afternoon of the 28th and ended that night. Except for the extreme southeastern counties freezing rain or sleet fell south of a line running from Sumter County to Cleburne County. The precipitation was light but did cause some icing of bridges and glazed electric and telephone lines along with trees, shrubs and other vegetation. The ice melted the following day as the weather cleared and temperatures reached the 40's. Damage from the storm was light and confined mostly to electric and telephone lines.

Ice storms in south Alabama are infrequent and these were the first in many years.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

DAILY TEMPERATURES

ALABAMA
JANUARY 1961

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		
ALBERTVILLE 2 SE	MAX MIN	51 34	36 31	36 28	40 23	51 23	53 27	57 33	53 35	42 22	46 23	53 25	57 27	60 29	54 37	52 42	49 37	41 37	48 32	61 33	51 22	38 16	22 11	39 11	54 18	50 16	37 17	32 20	24 11	28 11	38 16	45 21	45.1 24.8
ALEXANDER CITY 6 NE	MAX MIN	60 36	42 22	47 31	56 15	55 17	59 17	54 17	59 19	54 19	58 14	64 18	68 23	59 14	54 18	52 23	56 45	59 47	69 41	61 34	45 23	51 23	40 5	62 33	59 22	50 21	36 27	37 25	36 19	47 18	58 19	62 16	53.8 25.7
ALICEVILLE	MAX MIN	55 36	38 32	40 32	48 20	56 20	56 24	56 26	58 38	51 22	51 20	52 20	60 20	66 34	58 46	51 36	55 36	56 29	60 28	66 32	56 22	45 11	44 13	64 24	54 20	33 22	36 25	35 20	30 18	41 15	45 19	45 25	49.9 25.7
ANDALUSIA 1 Nw	MAX MIN	65 35	54 29	42 32	49 21	54 24	53 29	58 33	57 42	53 29	58 22	66 26	60 32	50 40	58 36	55 44	58 38	55 29	58 28	61 33	45 26	51 27	40 14	62 30	59 37	50 33	36 31	27 29	36 27	47 25	58 19	45 21	53.5 29.7
ANNISTON FAA AIRPORT	MAX MIN	53 32	37 27	45 23	55 19	53 21	59 24	55 30	58 31	53 24	60 23	65 31	68 28	57 23	53 31	50 28	47 33	57 45	66 40	61 30	34 14	41 9	60 29	56 25	36 22	35 30	42 25	33 20	35 19	45 20	54 18	58 22	50.7 26.6
ASHLAND	MAX MIN	58 34	43 21	45 29	55 25	55 22	55 23	55 29	55 32	50 24	55 16	63 23	66 23	54 28	54 33	53 43	50 45	56 40	67 38	64 30	43 22	40 7	60 31	57 48	48 34	33 28	33 16	32 16	45 18	55 17	60 22	51.7 26.3	
ATHENS 2	MAX MIN	45 32	36 29	36 23	43 21	52 23	53 23	53 29	53 32	43 19	46 18	55 23	57 23	60 28	62 31	45 43	40 36	48 36	48 25	60 35	50 23	16 9	22 22	44 14	51 18	44 15	36 15	42 9	27 13	41 16	46 20	45.0 23.6	
ATMORE STATE FARM	MAX MIN	66 37	47 31	50 34	55 26	57 28	58 34	57 43	52 43	54 27	58 36	66 48	64 52	58 46	52 36	59 45	59 31	71 32	70 42	48 25	48 11	64 39	64 27	56 22	43 29	41 22	47 29	44 22	42 14	55 18	64 15	56.0 33.5	
AUBURN 3 SW	MAX MIN	56 37	45 26	50 27	48 17	53 22	50 22	59 22	56 25	49 25	52 22	56 28	68 33	68 38	58 46	52 48	54 41	55 30	57 28	67 34	54 24	42 8	48 8	59 29	63 31	37 25	38 21	36 25	46 18	57 25	51.2 27.3		
BANKHEAD LOCK AND DAM	MAX MIN	53 33	41 32	38 34	48 22	56 24	53 25	57 26	52 35	44 25	49 22	59 25	59 25	62 23	57 40	51 46	50 39	58 32	67 30	53 25	43 22	30 10	44 11	62 28	49 22	34 22	36 22	33 18	31 17	44 18	52 22	48.9 26.0	
BAY MINETTE	MAX MIN	54 42	50 30	51 36	56 28	57 32	50 40	54 45	57 45	50 29	60 30	65 37	68 43	61 48	55 43	58 45	61 39	64 36	73 36	57 40	48 26	42 19	48 19	67 46	61 36	53 30	44 36	40 28	44 28	56 24	61 31	55.5 35.3	
BELLE MINA 2 N	MAX MIN	46 31	36 30	43 31	52 21	53 24	53 26	53 34	53 34	22 22	57 20	58 29	62 25	57 23	54 44	51 44	46 39	61 47	60 34	40 25	37 11	50 11	45 31	50 25	36 19	35 25	31 19	28 17	42 14	45 18	56 23	47.6 26.5	
BESSEMER 4 SW	MAX MIN	52 37	39 30	46 34	55 20	54 21	59 23	53 31	49 37	49 25	56 19	64 25	65 26	56 39	51 44	50 46	53 30	57 27	67 30	54 25	42 32	34 22	40 11	61 34	53 27	36 22	35 29	33 22	44 19	52 16	59 21	50.0 27.6	
BIRMINGHAM WB AP	MAX MIN	49 33	37 32	45 26	55 22	53 26	59 27	56 34	48 29	50 22	57 27	63 28	65 32	55 46	52 46	51 44	49 37	55 35	66 32	57 33	42 24	36 17	42 13	60 34	50 26	36 22	32 28	32 21	44 17	52 21	58 19	49.7 28.3	
BRANTLEY	MAX MIN	65 36	55 26	42 32	49 18	55 21	54 24	61 29	59 38	53 26	55 18	61 24	68 29	73 32	58 41	55 48	57 30	60 29	59 28	71 28	57 21	48 28	38 20	46 12	63 31	37 29	44 31	38 26	45 17	46 20	58 27	54.6 27.5	
BREWTON 3 SSE	MAX MIN	61 36	49 28	51 36	56 26	59 24	59 29	55 35	53 45	55 28	59 20	67 26	69 32	60 48	59 43	60 45	59 37	62 51	73 29	60 42	49 24	42 12	65 39	59 33	57 33	48 30	43 30	46 30	46 28	58 19	67 21	56.6 31.0	
BRIDGEPORT 2 W	MAX MIN	48 34	41 29	45 31	55 17	53 19	59 21	55 25	48 30	48 20	49 16	56 18	62 21	56 26	55 41	50 42	47 36	51 36	58 26	50 30	48 21	34 15	37 4	53 24	49 19	34 14	35 26	36 16	43 8	48 14	55 12	48.1 22.8	
CALERA 2 SW	MAX MIN	60 38	47 25	46 31	55 18	54 19	51 21	50 30	40 24	58 24	54 18	66 21	66 26	59 38	52 46	51 48	54 29	58 26	64 39	45 18	40 8	45 35	50 24	45 22	46 38	35 26	28 25	33 20	43 19	53 18	60 26	52.0 26.8	
CAMDEN 3 NNW	MAX MIN	60 39	42 28	50 35	58 26	56 24	56 33	54 43	53 25	51 25	60 20	65 24	69 29	57 42	56 48	55 36	57 48	60 36	71 29	60 40	47 12	37 30	42 33	67 28	62 32	51 28	40 27	37 25	44 19	54 18	63 20	54.0 29.5	
CAMP HILL 2 NW	MAX MIN	59 36	55 23	43 30	45 21	54 20	51 21	58 26	44 24	51 20	58 22	47 26	67 26	56 30	55 44	53 45	51 42	53 38	58 28	67 30	53 23	42 24	40 8	59 13	49 28	34 23	35 25	36 25	47 19	57 24	50.8 25.7		
CENTRE 5 SW	MAX MIN	52 37	50 25	40 30	45 26	54 22	60 22	53 22	56 19	46 19	49 20	56 21	69 22	63 32	56 40	51 47	49 44	51 39	63 41	52 31	40 25	28 9	37 16	57 25	56 19	39 22	34 19	28 13	33 17	44 18	53 20	48.1 25.4	
CENTREVILLE	MAX MIN	58 29	49 32	38 22	49 19	55 19	58 25	52 35	51 23	52 19	55 20	65 23	68 28	59 48	52 43	55 42	58 31	58 23	68 42	55 27	45 22	65 22	45 9	65 12	55 34	35 25	38 25	40 22	35 18	47 16	55 24	51.6 24.8	
CHATAM	MAX MIN	59 33	51 31	53 35	61 19	56 24	58 30	51 39	55 40	55 26	63 24	69 31	71 31	59 49	57 51	54 45	66 35	67 27	60 42	49 23	42 13	49 13	59 41	59 37	52 27	40 13	44 28	43 27	48 20	58 19	65 20	56.2 30.5	
CHILDERSBURG WTR PLANT	MAX MIN	61 39	46 25	46 33	55 18	53 20	59 21	56 30	53 40	50 19	57 16	66 20	66 24	63 34	54 46	53 48	57 33	67 42	55 33	43 20	41 10	62 35	41 26	59 31	49 26	37 20	36 19	33 20	45 19	52 15	60 19	52.4 26.8	
CITRONELLE	MAX MIN	68 33	48 27	48 31	56 22	57 32	56 36	50 43	52 40	52 24	59 27	65 38	69 49	63 40	58 42	55 43	62 31	73 31	57 37	49 22	40 11	64 25	62 25	52 47	41 28	46 21	44 19	44 18	54 23	55 23	55.3 31.8		
CLANTON	MAX MIN	59 37	52 24	37 30	46 18	54 20	53 21	57 23	53 36	62 25	50 18	56 20	62 25	67 29	56 47	52 45	55 40	56 30	67 30	54 23	43 22	40 8	61 12	64 21	33 21	40 21	37 21	36 21	43 19	44 21	53 20	50.4 25.2	
CLAYTON	MAX MIN	59 36	58 33	56 35	59 25	56 31	60 42	55 46	58 46	50 33	66 38	66 48	62 50	60 49	59 49	60 36	61 32	66 35	59 46	59 46	46 19	32 19	43 14	63 33	65 53	63 33	49 31	45 31	42 29	53 29	64 27	58.1 36.1	
COOEN	MAX MIN	60 33	40 31	40 31	48 25	55 32	55 32	59 43	52 25	49 27	59 33	64 38	68 48	55 48	53 47	51 39	52 31	58 33	71 46	55 25	46 14	46 18	66 35	60 26	35 37	38 22	33 20	33 20	42 20	50 23	50 26	51.3 31.3	
DAYTON	MAX MIN	48 34	49 33	36 33	42 22	54 22	54 25	59 27	54 35	42 23	45 21	56 25	60 25	48 25	57 38	50 25	47 38	57 25	56 45	67 56	51 45	41 20	44 19	52 17	46 17	38 18	35 13	24 13	28 13	41 21	47 21	46.0 24.1	
DECATUR	MAX MIN	58 35	40 31	41 35	48 22	54 22	56 23	54 40	56 48	48 28	49 22	56 29	62 22	66 52	56 48	52 47	51 40	55 30	71 40	56 35	42 29	43 13	64 35	54 25	38 25	38 25	40 23	37 23	33 20	42 19	52 18	50.6 29.2	
DOOTHAN FAA AIRPORT	MAX MIN	55 39	55 32	49 32	55 28	52 31	58 31	53 41	53 31	58 29	64 38	70 43	58 53	56 45	57 45	59 35	69 37	60 35	45 35	38 29	45 17	38 10	57 40	69 45	46 32	46 32	39 25	42 30	47 27	57 29	54.3 34.6		
DOUBLE SPRINGS	MAX MIN	41 30	37 29	37 29	46 20	55 20	52 20	60 25	52 35	44 18	50 20	56 24	60 25	67 25	58 44	50 44	45 40	55 33	65 29	51 20	41 17	27 6	43 19	56 24	48 16	40 18	34 10	32 11	43 15	52 18	47.7 23.7		
ENTERPRISE	MAX MIN	54 32	50																														

DAILY TEMPERATURES

ALABAMA
JANUARY 1961

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	
FAYETTE	MAX MIN	45 30	48 30	48 20	55 22	54 24	60 32	57 39	45 23	52 20	56 22	60 25	60 39	51 41	49 45	49 36	59 28	65 28	51 42	44 21	32 22	45 11	58 35	52 26	36 20	35 32	33 25	31 15	48 16	53 17	52 22	49.9 27.0
FORT MORGAN	MAX MIN	60 44	53 43	50 40	53 42	54 41	58 48	58 51	54 49	52 36	58 43	57 46	66 55	58 53	57 52	57 48	59 47	57 46	60 47	48 34	44 36	47 29	62 44	62 53	56 36	51 40	46 33	44 34	50 37	59 40	54.6 42.9	
FRISCO CITY	MAX MIN	68 38	53 31	42 31	50 26	56 28	58 34	52 40	51 43	52 26	53 27	59 41	67 46	58 42	55 48	54 46	57 32	59 25	71 47	57 25	42 26	38 15	48 33	65 44	63 28	46 20	42 28	40 26	41 23	54 25	53.5 32.5	
GA050EN GAS PLANT	MAX MIN	51 37	38 25	42 33	54 23	49 22	59 21	53 27	44 39	46 25	56 20	58 21	61 33	55 41	50 40	46 41	52 26	63 28	51 38	40 25	38 23	42 9	58 30	51 25	39 20	34 30	32 23	32 15	42 20	51 22	58 22	48.2 26.9
GAINESVILLE	MAX MIN	57 32	37 32	40 30	47 22	57 23	55 25	58 27	52 42	47 25	50 22	57 26	62 31	66 48	59 51	51 40	54 32	60 30	71 34	55 21	46 22	31 12	48 41	65 33	60 26	34 20	37 18	35 22	31 20	42 20	52 23	50.5 27.7
GENEVA	MAX MIN	64 40	55 30	54 35	50 26	53 29	53 26	58 40	60 23	52 29	52 26	56 35	62 40	69 58	58 45	56 38	58 33	57 27	67 61	45 27	40 29	47 15	57 24	63 43	55 35	40 33	49 33	40 30	44 24	55 25	54.0 31.7	
GILBERTOWN	MAX MIN	63 30	58 28	52 35	61 22	55 28	57 28	53 40	51 44	54 27	60 19	67 23	68 29	59 45	57 51	54 27	60 27	75 28	58 34	50 41	41 21	45 12	69 41	69 33	47 26	40 28	44 19	38 24	47 18	56 19	65 29.5	
GREENSBORO	MAX MIN	53 33	39 31	52 32	58 23	55 27	57 31	53 40	50 48	51 38	65 26	69 33	53 48	51 48	51 46	55 37	60 33	69 32	54 38	46 24	37 25	42 14	66 36	61 33	38 25	43 25	40 26	36 22	47 20	56 25	52.7 30.9	
GREENVILLE	MAX MIN	63 35	47 30	49 29	55 26	53 29	59 30	58 40	54 28	52 40	56 28	68 33	71 40	64 52	57 49	55 42	58 31	57 32	61 41	46 26	42 17	43 8	62 39	63 32	55 32	40 32	39 32	41 24	44 20	57 26	54.9 33.2	
GUNTERSVILLE	MAX MIN	35 30	36 28	42 32	54 23	55 22	61 33	56 30	46 31	48 24	58 19	61 23	61 24	59 29	53 49	46 38	49 39	54 28	49 36	41 24	33 18	41 9	56 32	52 24	41 17	38 28	22 17	27 17	45 20	48 17	58 26.6	
HALEYVILLE	MAX MIN	49 30	36 29	37 20	45 19	53 23	57 26	60 29	60 29	41 20	47 22	51 28	60 20	64 29	63 42	58 43	44 39	54 28	46 22	45 17	50 8	39 10	59 24	44 11	55 11	47 12	34 12	32 10	29 13	41 17	49 18	46.8 23.4
HAMILTON	MAX MIN	45 28	36 28	37 30	45 18	53 18	54 22	58 25	55 35	44 20	49 21	57 26	59 26	63 27	60 44	50 27	45 24	54 28	65 36	52 18	40 17	27 6	44 24	55 18	48 15	37 15	34 19	25 9	32 9	43 17	49 23.4	
HAYNEVILLE	MAX MIN	61 40	44 28	46 28	49 23	54 24	53 26	57 28	56 38	50 26	58 23	57 27	61 34	68 37	61 35	58 39	56 41	56 29	58 31	57 26	45 24	46 13	64 23	64 34	63 28	34 28	33 26	31 25	37 22	45 26	47 28.2	
HEAOLANO	MAX MIN	64 39	56 32	55 32	49 27	55 28	52 31	58 33	59 42	52 29	52 27	63 36	69 45	58 47	55 45	58 42	58 35	69 36	59 27	59 28	47 17	40 20	57 42	61 33	45 30	32 32	28 29	25 25	48 29	58 25	53.7 32.4	
HEFLIN	MAX MIN	58 33	45 16	52 27	53 12	54 13	60 14	56 22	59 34	53 12	58 9	64 12	70 15	65 24	65 39	65 39	53 37	53 19	60 30	42 19	41 10	58 5	57 25	49 14	36 14	36 10	35 11	35 10	45 11	59 9	57 13	53.9 19.9
HIGHLAND HOME	MAX MIN	61 34	52 31	36 26	47 25	52 25	54 35	56 42	57 43	49 25	50 29	56 33	66 43	55 48	53 48	54 43	55 36	70 37	55 40	40 20	36 16	44 23	62 43	62 29	32 17	27 18	27 12	37 18	36 13	41 17	54 23	51.0 32.4
HUNTSVILLE WB AP	MAX MIN	38 34	37 31	42 26	54 23	53 25	59 27	52 32	45 29	46 22	57 21	60 26	63 26	58 33	51 48	42 38	48 32	62 28	56 22	40 22	36 10	52 29	45 22	45 17	37 26	27 16	27 15	28 12	41 18	45 20	57 23	46.9 25.7
JASPER 4 N	MAX MIN	47 29	38 31	45 27	55 12	51 18	59 18	52 27	44 34	48 23	56 14	60 17	64 20	60 31	49 44	49 44	48 28	51 23	55 32	43 21	36 18	41 4	59 31	49 20	39 18	37 18	31 14	32 13	44 14	50 18	48.9 23.6	
LAFAYETTE	MAX MIN	58 37	49 27	45 28	55 28	53 28	58 35	55 46	51 41	54 23	60 27	65 34	67 35	68 42	62 32	58 28	57 32	65 36	55 40	42 26	45 10	60 26	60 48	33 30	48 13	37 25	25 20	34 21	47 24	56 28	53.2 27.3	
LIVINGSTON	MAX MIN	45 32	41 32	48 32	58 21	56 24	58 26	52 41	47 35	50 26	58 24	64 29	66 29	58 45	54 49	52 47	55 38	62 30	71 30	58 30	47 19	39 10	45 14	65 31	62 25	38 32	37 22	33 19	43 21	52 22	63 30.0	
LOCKHART	MAX MIN	66 38	54 30	49 35	50 25	55 28	57 32	60 38	59 45	54 29	54 26	63 42	71 45	58 40	55 47	61 38	60 31	58 42	61 42	58 27	58 30	40 15	50 26	62 46	59 33	41 32	49 31	39 28	45 27	58 27	55.2 33.2	
MAOISON	MAX MIN	49 33	40 30	36 30	44 20	53 24	53 27	50 32	53 33	42 17	46 20	55 29	57 25	60 34	58 45	46 45	42 37	49 27	61 31	51 20	41 17	32 7	44 21	51 26	47 15	37 15	34 18	29 9	42 15	46 23	46.0 25.4	
MARION JUNCTION 2 NE	MAX MIN	54 34	39 30	48 34	54 24	55 24	55 26	53 35	49 27	50 27	62 26	66 33	58 45	54 46	54 46	51 37	56 30	68 25	56 38	45 24	39 13	64 36	60 30	43 25	38 31	39 26	39 23	35 23	45 21	52 23	59 29.7	
MARTIN OAM	MAX MIN	62 40	47 28	46 28	54 23	53 24	55 28	52 35	50 43	49 31	57 26	63 33	57 48	54 46	55 48	56 42	63 31	63 27	57 38	44 26	41 13	60 35	65 28	40 27	40 29	45 27	35 23	45 26	53 30	60 24	52.1 31.8	
MINTER 3 NW	MAX MIN	65 39	50 30	42 32	49 25	55 26	54 32	56 30	58 25	50 25	59 26	65 33	68 40	51 49	55 47	57 39	55 32	58 36	70 36	57 32	45 15	45 15	60 34	60 45	62 31	34 28	40 28	40 25	43 22	54 22	52.5 29.7	
MOBILE WB AIRPORT	MAX MIN	55 38	52 30	52 34	56 29	55 41	59 45	51 45	54 42	54 30	59 32	65 39	68 44	61 48	57 49	58 44	60 38	63 41	72 36	58 41	48 21	64 44	62 51	45 31	45 35	42 30	42 27	44 25	57 30	63 25	55.2 35.5	
MOBILE	MAX MIN	56 41	54 32	50 33	51 31	56 33	55 40	59 43	55 46	50 32	61 35	65 43	68 45	60 49	58 47	62 43	65 40	59 42	59 46	51 30	51 26	64 26	66 31	60 32	40 32	45 30	45 30	40 29	43 28	56 32	54.7 36.6	
MONTGOMERY WB AP	MAX MIN	51 35	36 30	48 30	53 24	51 25	54 26	51 36	48 33	49 28	54 22	62 29	66 33	55 49	53 46	53 46	55 32	65 32	56 34	43 27	35 15	62 39	64 32	34 29	39 29	40 28	35 26	46 25	55 23	59 23	50.5 30.7	
MOULTON 2	MAX MIN	43 32	37 29	43 31	53 27	54 23	61 24	56 30	46 34	46 22	57 24	61 23	63 33	59 41	49 44	43 40	53 28	55 38	41 22	37 11	42 11	54 33	46 25	38 16	35 16	29 18	29 18	29 15	42 15	47 20	50 26.4	
MUSCLE SHOALS FAA AP	MAX MIN	36 31	35 31	44 27	53 23	54 23	60 24	53 30	45 34	45 22	56 24	60 23	57 33	50 46	47 41	42 41	51 31	62 28	56 22	40 22	41 9	50 27	44 20	34 15	33 15	33 14	34 14	26 13	42 19	58 24	46.1 24.6	
NATCHEZ	MAX MIN	63 39	44 28	50 35	56 19	55 23	58 27	55 35	52 44	52 25	59 19	68 24	70 46	62 46	58 47	57 37	60 28	72 26	62 41	47 23	44 28	45 11	64 40	61 36	50 29	41 33	41 27	42 22	54 18	64 20	55.1 30.0	
NEW MARKET 2	MAX MIN	51 31	35 28	43 31	53 19	53 23	50 22	59 28	52 18	46 20	55 26	63 20	60 26	56 44	49 40	49 35	60 39	60 34	55 38	47 31	37 18	36 14	39 5	52 31	46 21	34 18	34 15	28 13	40 14	55 22	47.9 22.9	
ONEONTA	MAX MIN	53 35	48 30	37 30	44 20	53 21	49 22	59 25	49 36	44 18	51 18	58 22	65 23	54 43	51 47	48 39	45 28	53 30	60 23	55 19	40 8	43 9	56 25	40 19	43 17	36 15	34 14	30 15				

DAILY TEMPERATURES

ALABAMA
JANUARY 1961

Continued

Station	Day Of Month																															Average
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PUSHMATAHA	MAX	60	49	43	50	58	55	55	52	50	50	58	64	67	59	58	51	55	62	73	58	48	35	46	66	60	34	38	40	34	45	53
	MIN	30	31	31	23	24	28	28	43	27	21	21	25	30	38	42	42	29	29	30	24	24	12	17	33	26	27	27	22	18	21	21
RED BAY	MAX	41	35	35	45	54	54	59	55	44	46	56	58	63	59	50	44	43	56	65	51	41	24	42	53	44	37	33	24	28	43	48
	MIN	30	31	30	26	26	24	22	35	21	21	28	29	30	44	43	38	34	36	39	19	19	12	20	26	16	16	19	10	10	18	18
REOSTONE ARSENAL	MAX	38	37	42	52	55	60	53	46	43	55	60	63	57	49	49	44	47	60	57	40	33	41	51	47	38	34	26	30	41	47	55
	MIN	32	30	21	19	21	22	29	27	20	17	22	22	28	45	44	39	28	25	25	23	9	7	23	20	15	24	15	10	14	15	19
ROBERTSOALE 1 E	MAX	67	55	51	51	52	57	60	59	53	54	60	65	69	60	59	59	59	62	71	61	48	42	52	64	64	41	49	39	45	47	57
	MIN	39	31	30	28	30	36	41	46	30	30	38	40	44	44	48	41	33	35	35	29	30	19	30	51	34	35	31	29	29	27	28
ROCKFORD	MAX	60	53	45	47	55	53	58	53	51	53	58	64	68	59	59	51	54	59	62	57	38	31	43	59	63	37	33	33	36	47	54
	MIN	38	21	30	15	20	21	29	40	23	21	24	29	37	47	45	41	28	26	36	21	21	5	10	24	23	28	24	20	18	19	18
ROCK MILLS	MAX	59	47	46	54	52	62	55	52	52	56	63	68	57	52	52	51	52	66	60	41	38	40	58	58	52	35	35	45	55	59	
	MIN	37	22	32	17	18	19	32	37	24	15	19	22	34	44	48	42	38	26	35	24	21	7	33	23	22	23	24	18	17	22	19
RUSSELLVILLE 2	MAX	43	36	36	45	53	53	60	56	45	45	56	60	62	57	50	45	44	55	65	51	40	25	43	52	46	38	33	22	30	41	47
	MIN	31	30	30	21	20	19	22	36	21	16	16	21	21	40	44	40	30	26	25	20	18	6	24	22	15	15	20	10	10	14	12
SAINT BERNARD	MAX	50	39	36	42	54	51	60	51	42	48	57	61	63	55	51	49	45	54	64	53	42	21	40	56	48	39	40	25	30	41	49
	MIN	35	29	29	19	19	22	23	31	21	19	19	25	26	44	46	40	37	27	25	19	8	8	20	17	18	21	10	13	13	13	18
SANO MT STATE FARM A U	MAX	51	36	40	52	50	58	52	47	51	54	58	63	54	53	48	44	46	61	55	38	32	36	53	51	36	32	32	38	47	55	
	MIN	33	28	30	22	25	28	30	33	21	25	27	29	40	42	41	36	36	26	33	21	15	9	28	28	16	24	17	10	17	17	24
SCOTTSBORO	MAX	51	42	36	42	53	54	52	49	44	49	56	58	63	55	53	52	42	48	58	53	39	23	41	51	45	37	34	25	31	41	47
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SEALE	MAX	62	53	50	54	53	59	59	54	53	57	65	69	61	56	55	58	58	69	56	45	40	43	59	60	60	36	39	38	47	58	63
	MIN	40	30	33	21	23	27	33	44	29	24	33	36	43	49	48	45	31	35	35	30	23	12	37	37	30	30	31	27	27	26	30
SELMA	MAX	60	43	48	54	53	56	53	51	50	56	63	67	63	56	54	55	57	66	61	44	43	42	64	64	51	40	33	45	54	60	
	MIN	40	33	36	26	27	29	36	44	28	25	32	34	55	49	49	40	33	32	39	26	28	17	39	34	26	31	28	25	23	23	26
SYLACAUGA 4 NE	MAX	59	42	47	54	52	58	55	49	50	58	62	66	58	54	51	52	57	66	54	42	36	39	60	56	44	37	36	33	46	53	60
	MIN	39	26	33	19	23	24	32	39	20	17	21	25	35	45	48	40	38	28	37	24	21	8	35	28	22	29	26	17	16	20	27
TALLADEGA	MAX	60	40	44	53	54	57	57	49	48	56	61	63	57	54	50	49	56	64	52	42	36	43	60	53	37	36	35	33	43	50	58
	MIN	36	24	30	18	20	22	30	40	23	17	22	26	39	45	47	42	39	28	36	20	22	7	31	27	20	30	25	18	17	17	20
THOMASVILLE	MAX	64	60	51	48	55	54	57	53	51	50	56	63	66	55	55	51	56	58	70	56	45	31	46	64	57	35	37	39	30	42	51
	MIN	36	28	29	21	23	30	34	43	25	24	26	30	39	50	37	38	28	30	34	22	21	13	18	37	25	25	25	23	19	19	28
THORSBY EXP STATION	MAX	50	40	45	52	53	57	53	49	48	56	62	66	58	50	52	53	56	66	57	42	39	39	60	60	44	36	34	31	44	54	58
	MIN	38	26	31	24	29	28	37	40	25	25	30	31	45	45	46	41	33	33	37	22	22	12	34	32	21	28	24	21	22	25	25
TROY	MAX	62	43	48	54	62	59	59	51	53	58	68	70	60	56	56	56	58	70	56	45	35	44	58	63	53	40	40	41	45	57	63
	MIN	38	29	33	28	33	37	42	42	27	32	38	44	53	47	47	41	34	38	40	25	27	15	38	41	29	30	28	21	25	25	34
TUSCALOOSA FAA AIRPORT	MAX	41	40	49	53	53	56	52	47	52	57	63	67	59	53	53	55	58	67	55	43	37	42	63	51	33	36	31	45	52	59	
	MIN	35	33	28	23	23	26	34	27	26	21	25	29	41	49	46	41	49	46	38	30	34	25	17	14	27	24	29	24	21	20	23
TUSCALOOSA OLIVER OAM	MAX	54	40	43	48	55	54	58	52	42	50	57	64	67	60	52	52	53	58	69	54	43	30	44	62	51	34	36	35	30	44	54
	MIN	32	30	31	21	21	25	25	36	24	20	23	24	31	45	45	36	32	28	31	23	23	13	15	28	21	21	24	18	18	19	21
TUSKEGEE 2	MAX	65	46	48	53	51	57	55	52	52	55	64	66	57	53	54	55	58	65	55	42	35	40	61	64	55	38	39	38	47	56	59
	MIN	36	30	34	23	26	27	34	43	27	30	35	39	50	46	50	43	33	32	40	27	25	14	36	34	27	28	28	24	24	24	32
UNION SPRINGS 5 S	MAX	60	50	37	52	53	52	54	59	50	52	57	63	65	57	52	51	53	56	59	54	44	34	46	60	60	34	34	36	36	44	58
	MIN	32	29	29	27	25	26	40	37	25	25	34	38	42	46	45	40	33	39	45	25	26	12	20	35	29	27	28	24	24	23	30
VALLEY HEAD	MAX	50	45	38	41	51	50	58	52	49	50	55	58	56	55	54	46	40	44	60	50	38	24	40	51	50	34	33	25	28	40	48
	MIN	31	27	26	16	14	18	20	25	14	16	14	20	20	38	44	36	34	24	23	20	18	4	10	18	15	16	17	8	8	12	10
VERNON	MAX	48	38	40	50	58	57	61	53	48	55	59	63	67	60	51	50	51	60	69	52	45	32	48	60	50	36	37	34	31	47	54
	MIN	27	30	30	18	18	21	24	36	23	20	21	23	24	45	45	33	28	27	27	18	18	10	14	24	19	20	24	14	13	14	16
WATERLOO	MAX	47	46	39	48	55	57	61	60	46	48	56	58	59	58	50	45	44	56	61	61	48	27	44	50	42	30	32	34	32	43	45
	MIN	26	24	24	18	21	24	23	30	14	20	21	25	22	43	43	41	38	27	29	20	14	6	20	21	13	15	16	18	16	15	15
WHATLEY	MAX	61	47	51	58	55	58	55	52	53	60	68	70	64	57	55	60	62	72	65	48	44	45	67	62	53	41	41	43	45	56	63
	MIN	39	30	34	19	23	29	35	44	28	20	25	31	49	48	45	38	29	27	42	22	27	13	40	36	27	32	27	26	21	19	20

EVAPORATION AND WIND

SNOWFALL AND SNOW ON GROUND

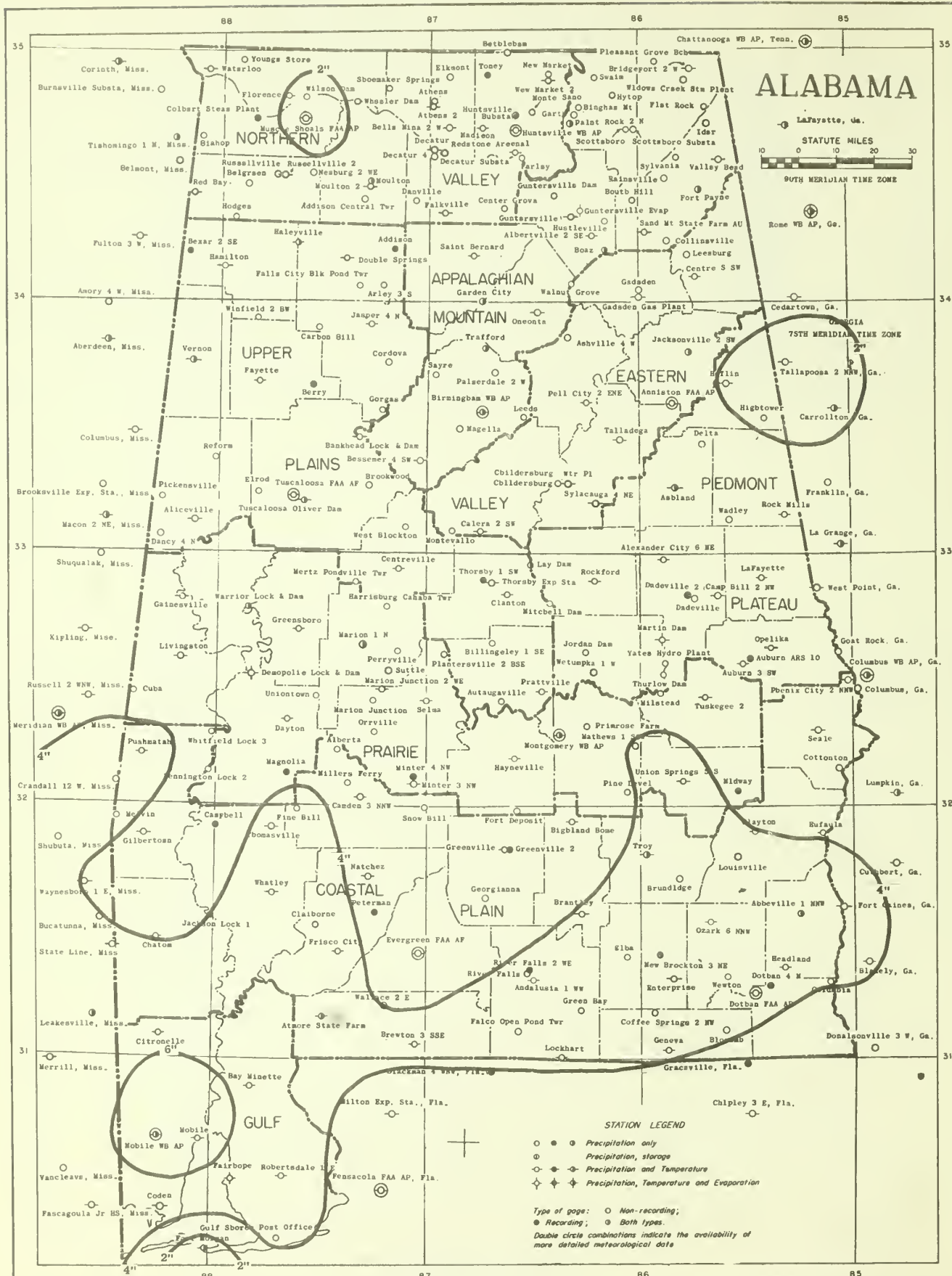
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Station	Day of month																																																																
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BELLE MINA 2 N																																											T																						
BESSEMER 4 SW																																T	T	.4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T															
BIRMINGHAM WB AIRPORT																					T	T											T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T															
CALERA 2 SW																																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T															
CAMOEN 3 NNW																																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T														
CENTRE 5 SW																																											-	2																					
CHILBERSBURG WTR PLANT																																T	T																																
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OAYTON																																																						T											
DECATUR																																		T	T																														
DOUBLE SPRINGS																																		T	T																														
GAOSEN GAS PLANT																																											-																						
GAINESVILLE																																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T													
GILBERTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
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HUNTSVILLE WB AIRPORT																					T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T													
JASPER 4 N																																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T														
LAFAYETTE																																																						-	-										
MAOISON																																		T	T																														
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See reference notes following Station Index.

TOTAL PRECIPITATION

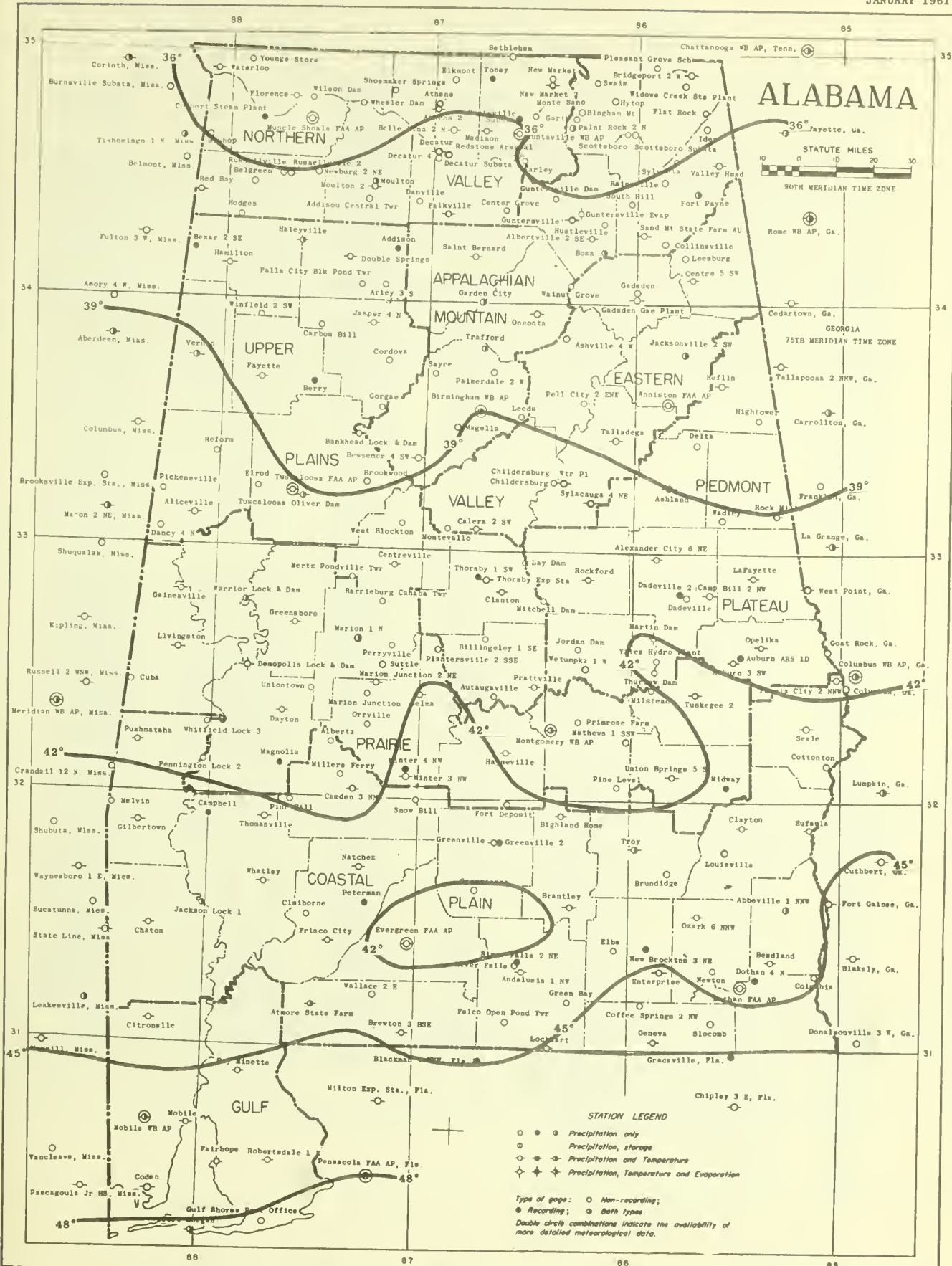
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JANUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

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Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

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STATION	INDEX NO.	COUNTY	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	OBSERVATION TIME AND TABLES			OBSERVER										
			DRAINAGE I	LATITUDE	LONGITUDE					ELEVATION	TEMP.	PRECIP.		EVAP.	SPECIAL	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL
ABBEVILLE 1 NMW	0008	HENRY	4	31 35	85 15	465	7A	C	JOHN S. RICHBURG	LAFAYETTE	4502	CHAMBERS	4	32 54	85 24	830	6P	8P	C	CLARENCE M. FINCHER			
ADISON	0017	WINSTON	07	31 11	86 11	795	7A	C	PAULER GODSEY	LAY OAM	4603	JEFFERSON	3	33 30	86 33	410	7A	7A	C	MRS. MARY E. LEE			
ADONIA CENTRAL TOWER	0071	LAWRENCE	2	34 25	87 19	990	7A	C	TVA-53	LEEDS	4610	JEFFERSON	3	33 33	86 33	364	7A	7A	C	RUFFUS M. SEWELL			
ALBANY 2 SE	0140	WILCOX	1	32 14	87 25	175	8A	C	SIDNEY J. HAROY, SR.	LEEDS	4627	CHEROKEE	7	34 11	85 46	589	7A	7A	C	MRS. E. H. GALLIARD			
ALEXANDER CITY 6 NE	0163	TALLAPOOSA	11	32 59	85 52	680	5P	6P	H. DOUGLAS H. SANFORD	LIVINGSTON	4798	JEFFERSON	3	33 30	86 30	410	7P	7P	C	H. MRS. J. C. YOUNG			
ALICEVILLE	0178	PIKE	3	33 07	88 14	140	7A	7A	H. MRS. J. C. YOUNG	LOCKHART	4822	COVINGTON	9	31 01	86 22	290	8A	8A	C	JOHN C. ARO			
ANDALUSIA 1 NE	0252	COVINGTON	6	31 19	86 30	240	8A	8A	H. JAMES P. GILLIS	LOUISVILLE	4884	BALDWIN	5	31 48	85 33	470	8A	8A	C	H. MRS. R. TAYLOR, JR.			
ANNISTON FAA AP	0272	CALHOUN	7	33 35	85 51	590	MID	MID	H. FED. AVIATION AGENCY	MADISON	4976	MADISON	12	34 42	86 45	573	9A	9A	C	H. ALABAMA POWER CO.			
ARLEY 3 S	0338	WINSTON	2	34 04	87 50	500	7A	7A	MRS. ODIRA R. DAVIS	MAGNOLIA	4996	JEFFERSON	3	33 30	86 51	654	7A	7A	C	H. H. G. GALLIARD			
ASHLAND	0369	CLAY	11	33 14	85 50	1010	6P	6P	C. H. HENRY L. MC QUEEN	MARION 1 M	5108	PERRY	2	32 38	87 18	210	7A	7A	C	ROBERT J. CURRY			
ASHVILLE 4 W	0377	ST. CLAIR	7	33 51	86 20	590	7A	7A	JOHN T. SWINNOALL	MARION JUNCTION	5116	DALLAS	3	32 26	87 14	204	8A	8A	C	MRS. MARGARET SMITH			
ATHENS	0390	LIMESTONE	12	34 48	86 59	709	7A	7A	TVA-62	MARION JUNCTION 2 NE	5121	DALLAS	3	32 28	87 13	200	6P	6P	6P	C	H. ALABAMA POLY. INST.		
ATHENS 2	0395	LIMESTONE	12	34 48	86 59	709	7A	7A	H. RADIO STATION WJHM	5140	ELMORE	11	32 40	86 55	335	6P	6P	6P	C	H. ALABAMA POWER CO.			
ATMORE STATE FARM	0402	ESCAMBIA	8	31 10	87 29	500	4P	4P	C. H. ATMORE STATE FARM	5172	MONTGOMERY	11	32 15	86 01	190	7A	7A	C	E. PAUL GOWAN				
AUBURN 3 SW	0422	LEE	11	32 34	85 31	730	8A	8A	H. MRS. MARTHA L. MOORE	5354	CHOCTAW	13	31 56	86 27	350	7A	7A	C	ERNEST H. LANO				
AUBURN ARS 10	0427	LEE	11	32 34	85 29	700	7A	7A	AGRI. RESEARCH SERVICE	5382	BIBB	3	32 53	87 20	600	7A	7A	C	U.S. FOREST SERVICE				
AUTAUFAVILLE	0440	AUTAUFA	1	32 26	86 39	200	6A	6A	J. B. NEIGHBORS	5397	BULLOCK	4	32 04	85 32	490	7A	7A	C	MRS. SARA O. HALL				
BANKHEAD LOCK AND DAM	0583	BALDWIN	9	30 53	87 47	268	7P	7P	H. GROVER W. WOODWARD	5439	MACON	11	32 27	85 54	206	9A	9A	C	F. C. O. HAMMOND, JR.				
BELGREEN	0631	FRANKLIN	12	34 28	87 52	810	7A	7A	TVA-43	5449	DALLAS	1	32 06	87 03	370	7A	7A	C	H. HENRY J. YATES				
BELLE MINA 2 N	0655	LIMESTONE	12	34 42	86 53	600	5P	5P	H. ALABAMA POLY. INST.	5454	DALLAS	1	32 07	87 03	-	7A	7A	C	T. E. LIDE				
BERRY 1 S	0748	FAYETTE	2	33 40	87 36	452	6A	6A	C. H. MISS CLARA R. OLIVE	5465	CRITTON	7	32 48	86 27	350	6A	6A	C	H. U.S. WEATHER BUREAU				
BESSEMER 4 SW	0757	JEFFERSON	2	33 22	87 01	533	6P	6A	H. JAMES E. MC CRAY	5478	MOBILE	9	30 41	88 15	211	MID	MID	C	H. U.S. WEATHER BUREAU				
BETHELEHM	0776	MADISON	12	34 59	86 38	875	7A	7A	TVA-75	5483	MOBILE	9	30 41	88 03	7	8A	8A	C	H. ROBERT G. BETANCOURT				
BEXAR 2 SE	0790	MARION	13	34 10	88 07	570	7A	7A	C. OSCAR W. LOCKRIDGE	5529	MADISON	12	34 45	86 51	600	7A	7A	C	TVA-530				
BILLINGSLEY 1 SE	0823	AUTAUFA	1	32 39	86 42	420	6A	6A	H. R. HENDERSON	5537	SHELBY	3	33 06	86 32	1400	7A	7A	C	H. W. P. JETER, JR.				
BIRMGHAM MOUNTAIN	0826	JACKSON	12	34 40	86 17	1440	7A	7A	TVA-62C	5550	MONTGOMERY	5	32 18	86 24	1195	MID	MID	C	H. U.S. WEATHER BUREAU				
BIRMINGHAM WB AP	0831	JEFFERSON	2	33 34	86 45	410	MID	MID	C. H. U.S. WEATHER BUREAU	5625	LAWRENCE	12	34 29	87 17	660	8A	8A	C	TVA-381				
BISHOP	0854	COLBERT	12	34 39	88 07	470	7A	7A	TVA-42	5635	LAWRENCE	12	34 29	87 18	665	6P	6P	C	H. JOHN N. KELLY				
BOAZ	0957	MARSHALL	2	34 13	86 10	1070	7A	7A	C. DAVID A. BURNS	5749	COLBERT	12	34 45	87 37	536	MID	MID	C	H. FED. AVIATION AGENCY				
BRANTLEY	1267	CRENSHAW	6	31 35	86 16	274	6A	6A	H. E. HENDERSON	5875	COFFEE	5	31 25	85 74	5P	7A	7A	C	H. H. BROWN				
BROOKWOOD 3 SSE	1084	ESCAMBIA	6	30 49	87 03	65	6P	6A	H. MRS. CLARA T. PEAVY	5842	COFFEE	5	31 25	85 74	42	7A	7A	C	REV. G. F. GRISWOLD				
BROOKWOOD 2 W	1099	JACKSON	12	34 36	85 45	680	5P	5P	H. MISS H. LOUISE JONES	5847	FRANKLIN	12	34 31	87 34	825	7A	7A	C	TVA-644				
BROOKWOOD 1	1143	TUSCALOOSA	2	33 16	87 17	605	7A	7A	H. MRS. WILLIE M. STYRON	5862	MADISON	12	34 54	86 26	700	7A	7A	C	TVA-624				
BUNDEIGE	1178	PIKE	5	31 43	85 49	495	5P	5P	H. HILORED P. WHITTINGTON	5867	MADISON	12	34 54	86 26	715	6P	6P	C	H. MRS. A. W. KILPATRICK				
CALERA 2 SW	1200	WILCOX	7	32 05	86 46	100	5P	5A	H. P. H. GARRETT	5876	BLOUNT	2	33 57	86 29	80	7A	7A	C	H. H. L. BROWN				
CANDLER 3 NNW	1300	WILCOX	7	32 02	87 19	110	5P	5P	H. ALABAMA POLY. INST.	6121	BLOUNT	2	33 57	86 29	80	7A	7A	C	H. L. MRS. R. MORRIS				
CAMPBELL	1315	CLARKE	13	31 55	87 59	93	6A	6A	C. JOE PICKENS	6129	LEE	11	32 48	85 23	740	8A	8A	C	H. RADIO STATION WJHM				
CAMPBELL 2 NNW	1315	CLARKE	13	31 55	87 59	93	6A	6A	H. ALABAMA POLY. INST.	6141	DALLAS	3	32 06	86 00	84	8A	8A	C	H. EDWARD B. BARNES				
CARBON HILL 2 N	1377	WALKER	2	33 54	87 32	430	7A	7A	H. FLOYD J. GARRISON	6141	DALLAS	3	32 06	86 00	84	8A	8A	C	H. JACOB D. BARNES				
CENTER GROVE	1492	MORGAN	12	34 23	86 38	780	7A	7A	TVA-66	6226	JACKSON	12	34 42	86 20	635	7A	7A	C	TVA-69				
CENTER 5 SW	1512	CHEROKEE	7	34 06	85 85	620	7A	7A	H. DON R. WATSON	6246	JACKSON	12	34 44	86 21	798	7A	7A	C	GEORGE T. POSEY				
CENTERVILLE	1520	BIBB	4	32 08	86 08	230	7A	7A	H. H. G. HOLLIFIELD	6329	ST. CLAIR	7	33 36	86 15	920	6P	6P	C	H. ROGER G. WIGGINS				
CHATTAHOOCHEE	1546	WASHINGTON	13	31 28	86 21	460	6P	6P	H. H. G. SMITH	6352	PERRY	3	32 07	86 15	632	8A	8A	C	H. F. L. BROWN				
CHILDERSBURG	1615	TALLADEGA	7	33 17	86 15	480	6A	6A	H. ALABAMA POWER CO.	6370	MONROE	1	31 35	87 16	195	7A	7A	C	MRS. WINTA EODJAS				
CHILDERSBURG WTR PLANT	1620	TALLADEGA	7	33 17	86 20	418	5P	5P	H. CITY WATER PLANT	6398	RUSSELL	4	32 30	85 01	570	8A	8A	C	H. G. R. MC LEMORE				
CITRONELLE	1685	MOBILE	9	31 05	88 14	331	6P	6P	H. MRS. ESTHER A. W. JONES	6414	PICKENS	13	33 13	88 16	165	7A	7A	C	MRS. MARY A. HEDRICK				
CLAMP	1701	MONROE	1	31 32	87 31	183	6P	6P	H. TOULOUSE H. HASKER	6440	PICKENS	13	33 13	88 16	165	7A	7A	C	MRS. DELLA L. CHALEY				
CLANTON	1694	CHILTON	7	32 51	86 38	580	7A	7A	H. MARION W. EASTERLING	6468	MONTGOMERY	6	32 04	86 40	506	7A	7A	C	MRS. ENA C. PAUL				
CLAYTON	1725	BARBOUR	5	31 53	85 27	590	8A	8A	H. L. AUGUSTUS VENTRESS	6508	AUTAUFA	1	32 37	86 54	230	7A	7A	C	THOMAS E. FISCHER				
CODEN	1803	MOBILE	5	30 23	88 13	12	5P	5P	H. AGNES C. CHRISTENSEN	6521	JACKSON	12	34 57	85 55	633	7A	7A	C	TVA-695				
COFFEE SPRINGS 2 NW	1871	GENEVA	5	31 11	85 56	250	6A	6A	H. HENRY F. KELLEY	6640	AUTAUFA	1	32 38	86 28	290	6P	6P	C	H. CONTINENTAL GIM CO.				
COLLINSVILLE	1849	COLBERT	12	34 35	87 50	470	7A	7A	C. B. W. APPLETON	6642	MONTGOMERY	5	32 07	86 28	610	7A	7A	C	H. H. E. SHERREY				
COLUMBIA	1865	TOULOUSE	4	31 18	85 07	133	7A	7A	H. HENRY KILLINGSWORTH	6719	CHOCTAW	13	32 12	86 21	260	8A	8A	C	MRS. JAMIE C. BROWN				
CORDOVA	1940	WALKER	2	33 46	87 11	334	8A	8A	H. MRS. C. GRESHAM	6762	DE KALB	12	34 30	85 52	1320	7A	7A	C	TVA-746				
CORNTON	1945	RUSSELL	4	32 08	86 03	215	7A	7A	H. HUGH S. RITE	6805	FRANKLIN	12	34 26	86 08	680	7A	7A	C	H. MRS. AUSTIE KILBURN				
CUBA	2079	SUITER	13	32 26	88 23	215	7A	7A	H. REUBEN P. HARRIS	6833	MADISON	12	34 35	86 37	1173	MID	MID	C	H. MRS. DELLA L. CHALEY				
DADEVILLE	2119	TALLAPOOSA	11	32 49	85 45	760	7A	7A	H. WILLIAM L. BARTLETT	6847	PICKENS	13	33 23	88 01	230	7A	7A	C	MRS. LOUIE W. HULLINS				
DADEVILLE 2	2124	TALLAPOOSA	11	32 50	85 46	730	7A	7A	H. W. CLAY PLESS	6937	COVINGTON	6	31 22	86 32	180	7A	7A	C	RUSSELL FINLAY				
DANCY 4 N	2141	PICKENS	13	33 04	88 17	207	6P	6P	H. T. J. MC DANIEL	6942	COVINGTON	6	31 22	86 31	190	7A	7A	C	ALABAMA ELECTRIC CO.				
DANVILLE	2145	MORGAN	12	34 25	85 58	740	7A	7A	H. ROBERTS L. I. E	6988	BALDWIN	9	30 32	87 40									

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ration 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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

18/3 6112
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

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FEBRUARY 1961

Volume 67 No. 2



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 83° on the 28th at Brewton 3 SSE

Lowest Temperature: 12° on the 5th at Russellville 2

Greatest Total Precipitation: 20.28 inches at Greenville

Least Total Precipitation: 4.60 inches in Columbia

Greatest One-Day Precipitation: 9.46 inches on the 25th at Fort Deposit

Greatest Reported Total Snowfall: 2.0 inches at Belle Mina 2 N

Greatest Reported Depth of Snow on Ground: Trace on the 25th at 3 stations

SEVERE FLOODING DURING FEBRUARY

1. Synoptic Summary February 17-25, 1961

Quasi-stationary fronts and a maritime tropical air mass across the Gulf and southeastern states combined with a long wave trough in the western states to produce very heavy rains and a great flood over much of Alabama and North Georgia during the latter part of February. Rain of one inch or more fell in some portions of Alabama or Georgia each day from the 18th through the 24th.

The rains began on the 17th in a strong southerly flow as a cold front moved into the lower Mississippi Valley, becoming weak and diffuse. On the 18th a second and stronger cold front moved into the Gulf States reaching Central Alabama on the morning of the 19th. The front became stationary from Alabama southwestward along the Texas coast while the northern portion of the front moved on to the east so that by the 20th a stationary front extended from South Carolina westward across Southern Alabama to the Texas coast. On the 20th a wave developed on the front off the Texas coast. This wave moved northeastward and the front across South Alabama moved northward as a warm front yielding from 4 to 8 inches of rain in North Central Alabama in a 24-hour period. By the morning of the 22nd the wave had deepened slightly and moved to Western Kentucky with a cold front southward into West Alabama and a warm front across Southern Georgia and Alabama. The cold front moved into Central Georgia and became diffuse the following day. A sharp cold front moved rapidly into the Gulf states on the 24th while a warm front developed and extended from Georgia westward across South Alabama to the Texas coast. As the cold front reached the Texas coast a wave developed and, deepening, moved rapidly northeastward. The heaviest rains of the period occurred with this system with 6 to 9 inches falling

in less than 24 hours in Central Alabama. On the 25th the front moved to the Atlantic Coast and the low to the Ohio Valley bringing an end to the flood producing rains.

Except for a shallow easterly flow of air across North and Central Alabama and Georgia much of the time, this period of rain was marked by very strong south to southwest winds to great heights. Unstable tropical air, either at the surface or aloft, was prevalent as there were numerous thunderstorms and rainfall intensities varied considerably from hour to hour. From the 17th through the 24th a long wave trough at 500 mb remained near the Southern Rockies finally deepening and moving rapidly eastward to the Mississippi Valley on the 25th.

2. Precipitation

February, 1961, was the wettest February in some 89 years of record at Montgomery and was also the wettest February of record over most of Alabama. As a result, the greatest flood of record occurred on the Alabama and lower Cahaba Rivers, and at Childersburg on the Coosa River, during February and March, 1961.

Precipitation was 156 per cent of normal during October, 1960, although October is normally the driest month of the year. Then followed three consecutive months with precipitation about 50 per cent of normal. Dry weather continued in the Montgomery River District during the first half of February and the antecedent precipitation index was unusually low when the rains began on February 17th. Heavy rainfall was reported daily from February 18th through the 23rd, with little or no rain reported on the 24th, only to be followed by very heavy rainfall on the 25th.

WEATHER SUMMARY (Continued)

Heaviest rainfall occurred over Northwest Georgia and North Alabama during the period February 18-21, with heaviest amounts reported for the 24-hour period ending at 7 a.m. on February 21, 1961. On the morning of February 25, 24-hour amounts of 9.13 inches were reported at Yates Hydro Plant, 8.32 inches at Greenville, and 9.27 inches at Milstead. Please see isohyetal map on page 20 showing total rainfall for the period February 17th-25th.

3. River Stages

Record stages occurred at all stations on the Alabama River, but the crest had just reached Selma by the end of the month. A record stage of 30.45 feet was reached at Childersburg, Ala., on the Coosa River, at 6 p.m. on February 23rd. A record stage of 58.1 feet was reached at Montgomery, on the Alabama River, at 9 p.m. on February 26th. Record stages occurred on the Cahaba River with a crest of 44.0 feet at Suttle on the 24th and a crest of 43.0 feet at Marion Junction on the 24th.

The following is quoted from the U. S. Geological Survey:

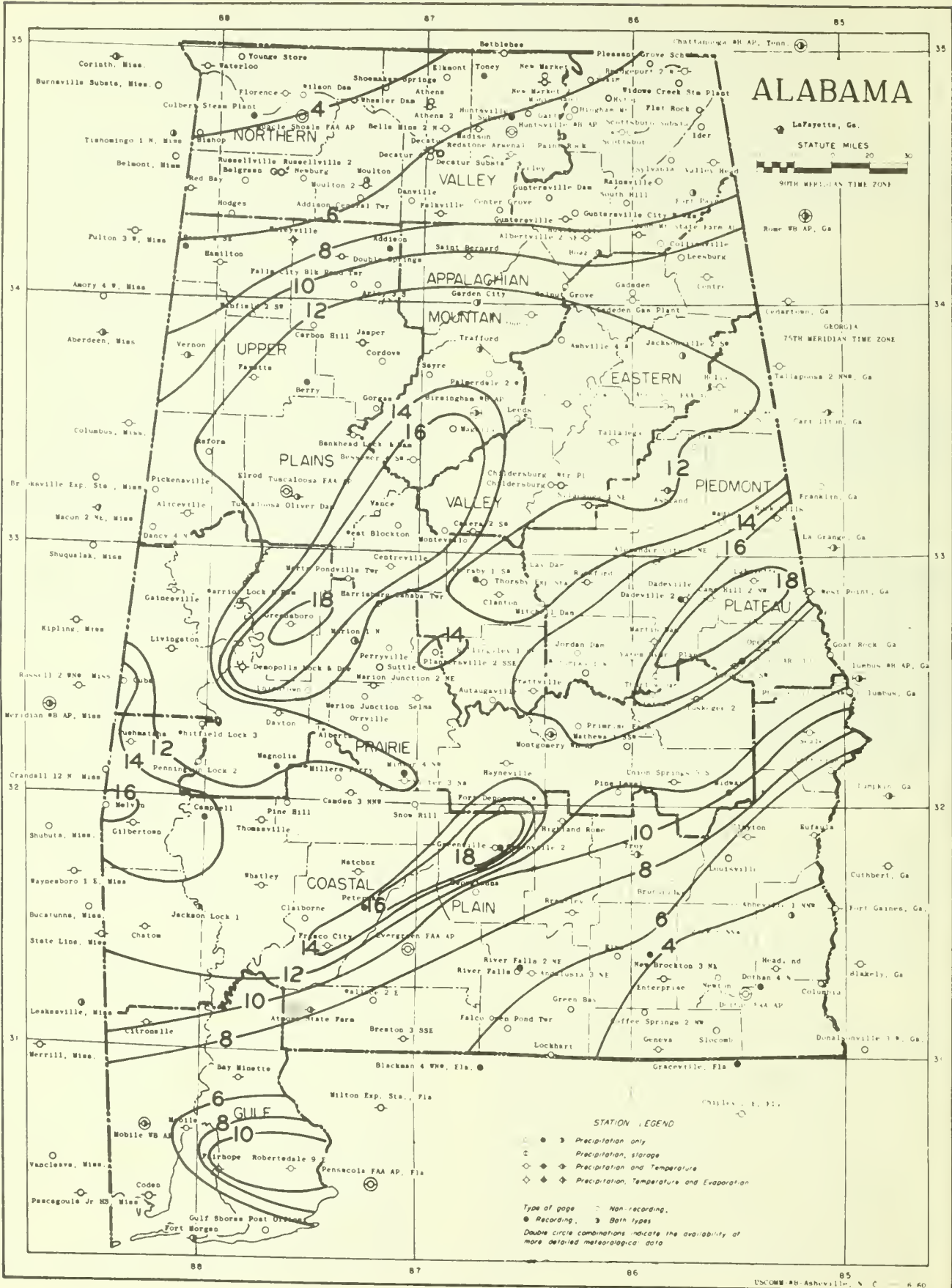
"Streamflow was excessive except in a small area across the northern edge of the State (Alabama). Average monthly discharge was record high and daily discharge was highest for February for period of record at the index station, Cahaba River at Centreville. Monthly and daily discharge were record high for February at the index station, Conecuh River at Brantley. Record floods, caused by three storms which swept across the State in

quick succession in the period February 17-24, ended a 10-month period of below average runoff in Central Alabama. Almost the entire Mobile River system had floods of varying magnitude following the beginning of heavy rains on the 17th..... The three storms coming in rapid succession did not cause outstanding floods on small streams, but the numerous contributions from smaller streams built up the flow of larger streams to major floods. Approximately 7,800 families in Alabama have sustained flood losses. Public property damage is estimated to exceed \$8 million not including highways and bridges which sustained damage estimated at \$1-1/2 million. Agricultural losses have been very heavy, mostly in building and livestock. Cattle losses have been estimated at 2,500 head in Elmore and Montgomery Counties alone. Many roads throughout the southern part of the State have been closed, including U. S. Highways 80 and 29. Storage in Lake Martin was highest of record at month end. Ground-water levels rose rapidly owing to record-high precipitation. Levels in shallow wells generally were at record highs for February, and many wells were covered by flood waters."

A detailed comparison of record flood stages will be published in the March 1961 issue of this bulletin.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

RAINFALL FOR THE PERIOD, FEB. 17 - 25, 1961



CLIMATOLOGICAL DATA

ALABAMA
FEBRUARY 1961

Station	Temperature										Precipitation															
	Average Maximum	Average Minimum	Average	Dewpoint Frequency Term. 72° or higher	Highest	Fog	Lowest	Dite	Degree Days	No. of Days					Total	Dewpoint From Logs Term. Means	Greatest Day	Date	Snow, Sleet							
										No. of Days									Total	Date	Total	Max. Depth on Ground	Date	10" or More	5.0" or More	1.0" or More
										31° or Below	32° or Below	33° or Below	34° or Below	35° or Below												
NORTHERN VALLEY																										
ATHENS 2	58.8	36.5	47.7		73	16+	15	4	479	0	0	12	0	6.92		1.35	22		.0	0		10	7	1		
BELLE MINA 2 N	60.4	39.3	49.9		74	12	18	4	417	0	0	9	0	7.63		2.18	22		2.0	0		10	6	2		
DECATUR	59.0M	37.4M	48.2M	1.5	74	12	18	5+	465	0	0	9	0	7.47	1.96	1.69	21		T	0		11	4	4		
FALKVILLE	60.1M	36.7M	48.4M		75	13	17	4	452	0	0	10	0	9.35		3.07	22		.6	0						
HUNTSVILLE WB AP	60.5	39.5	50.0		76	16	18	4	415	0	0	8	0	9.13		2.69	22		.6	T	25	10	7	3		
MADISON																										
MADISON	59.2	38.1	48.7	3.8	74	17+	16	4	451	0	0	10	0	10.09	4.64	2.55	22		T	0						
MOULTON 2	61.5	39.9	50.7		74	15+	17	4	394	0	0	8	0	6.82		1.44	22+		T	0		11	6	2		
MUSCLE SHOALS FAA AP	59.5	38.1	48.8		75	12	17	4	448	0	0	9	0	6.01		1.77	20		.0	0		11	4	1		
NEW MARKET 2	60.7	37.0	48.9		75	16	15	4	446	0	0	10	0	7.10		2.16	22		T	0		10	6	1		
RED BAY	59.5	37.6	48.6		75	17	16	5+	454	0	0	11	0	7.30		1.55	21		.0	0		12	8	1		
REDSTONE ARSENAL																										
REDSTONE ARSENAL	59.5	38.0	48.8		72	16+	16	4	449	0	0	9	0	9.41		2.64	22		T	0		9	6	3		
RUSSELLVILLE 2	58.7	34.3	46.5		74	19	12	5	514	0	0	11	0	6.58		2.30	21		.0	0		12	4	1		
WATERLOO	59.7	35.1	47.4		75	19	14	4	486	0	0	11	0	6.35		1.16	21		.5	0						
DIVISION																										
			48.7	3.2											7.70	2.09										
APPALACHIAN MOUNTAIN																										
ALBERTVILLE 2 SE																										
ALBERTVILLE 2 SE	56.6	37.5	47.1	2.3	73	17	16	4	494	0	0	12	0	11.28	5.67	2.45	21		.5	0		10	6	5		
BESSEMER 4 SW	63.3	40.7	52.0		76	16	20	4	356	0	0	6	0	19.14		4.77	22		.0	0		11	8	5		
BIRMINGHAM WB AP	62.4	41.8	52.1	4.4	75	15	20	4	356	0	0	6	0	17.67	12.50	5.46	21		T	0		11	8	5		
BRIDGEPORT 2 W	61.3	35.5	48.4		74	16+	16	4	459	0	0	11	0	9.69	4.18	2.99	22		.0	0		13	6	2		
GUNTERSVILLE	61.9	39.1	50.5		74	12	25	12+	397	0	0	8	0			1.50	3		.0	0		11	8	5		
DNEONTA																										
DNEONTA	59.0	36.8	47.9		76	17	18	4	472	0	0	10	0	15.74		5.04	21		.0	0		12	8	6		
SAINTE BERNARD	58.7	35.8	47.3	2.0	75	17	18	5+	492	0	0	12	0	12.91	7.05	3.64	21		T	0		11	8	4		
SAND MT STATE FARM A U	59.1M	38.9M	49.0M		73	16	16	4	437	0	0	8	0	10.84		2.00	22		.0	0		12	7	4		
SCOTTSBORO	57.8	34.5	46.2	.4	74	17	18	5+	521	0	0	12	0	9.73	3.75	1.90	21		.0	0		12	8	3		
VALLEY HEAD	57.4	31.1	44.3	.2	73	17	13	5+	572	0	0	15	0			2.12	23		.0	0						
DIVISION																										
			48.5	2.4											13.37	7.74										
UPPER PLAINS																										
ALICEVILLE																										
ALICEVILLE	62.4	36.5	49.5		78	19+	20	4	431	0	0	11	0			4.80	22		.0	0						
BANKHEAD LOCK AND DAM	60.9	36.5	48.7		74	17+	21	5+	448	0	0	11	0	15.22		4.62	22		.0	0		11	7	4		
CENTREVILLE	63.8	37.4	50.6	.9	80	17	19	1	399	0	0	10	0	18.68	13.05	4.45	21		.0	0		11	7	7		
CLANTON	61.9	38.5	50.2	1.1	76	17	21	5+	406	0	0	9	0	13.92	8.59	2.80	25		.0	0		10	8	6		
DOUBLE SPRINGS	59.8	36.1	48.0		75	17+	17	5+	471	0	0	12	0	10.56		2.82	22		.5	0		12	8	3		
FAYETTE																										
FAYETTE	64.4	40.3	52.4		76	16+	19	4	350	0	0	8	0	13.62		3.72	22		.0	0		12	8	3		
HALEYVILLE	59.5	35.5	47.5		75	15+	15	4	483	0	0	11	0			2.73	21		.0	0						
HAMILTON	59.4M	34.7M	47.1M		77	19	15	4	494	0	0	12	0	8.37		3.18	21		T	25	10	7	2			
JASPER 4 N	63.0	37.8	50.4		79	16	17	4	401	0	0	11	0	14.65		4.22	22		T	0		12	7	3		
PRATTVILLE	64.2	42.4	53.3	2.1	77	16	25	4	327	0	0	7	0	17.53	12.60	4.60	24		.0	0		13	6	5		
THORSBY EXP STATION																										
THORSBY EXP STATION	63.4	42.5	53.0		78	16	21	4	332	0	0	5	0	14.12		2.78	18		.0	0		14	8	6		
TUSCALOOSA FAA AIRPORT	62.6	40.7	51.7		78	16	23	4	368	0	0	8	0	14.79		5.44	21		.0	0		11	7	3		
VERNON	64.3M	34.8M	49.6M		80	19	17	4	426	0	0	16	0			3.12	21		.0	0						
DIVISION																										
			50.2	1.1											14.15	8.66										
EASTERN VALLEY																										
ANNISTON FAA AIRPORT																										
ANNISTON FAA AIRPORT	62.5	39.6	51.1		76	23+	21	10	385	0	0	9	0	15.90		3.08	22		T	25	13	8	6			
CALERA 2 SW	65.6	40.0	52.8		78	16+	21	4	337	0	0	7	0			3.52	21		.0	0						
CENTRE 5 SW	59.1	37.4	48.3		76	17	20	4	461	0	0	10	0	13.30		4.15	21		T	0		10	7	6		
CHILDERSBURG WTR PLANT	65.6	41.1	53.4		78	16	21	5	321	0	0	6	0	15.53		3.82	21		.0	0		11	10	6		
GADSDEN GAS PLANT	61.3	38.9	50.1		75	16	20	4	408	0	0	6	0	13.54		4.75	21		.0	0		11	8	5		
SYLACAUGA 4 NE																										
SYLACAUGA 4 NE	63.5	39.9	51.7		77	16	20	5	365	0	0	7	0	12.75		2.14	19		T	0		10	9	6		
TALLADEGA	62.6	39.4	51.0	2.0	76	16	21	4	385	0	0	8	0	15.24	9.79	4.51	21		T	0		13	10	6		
DIVISION																										
			51.2	3.6											14.38	8.90										
PIEDMONT PLATEAU																										
ALEXANDER CITY 6 NE																										
ALEXANDER CITY 6 NE	65.5	37.5	51.5		80	16	19	5	373	0	0	11	0	14.74		2.64	25		.0	0		10	10	6		
ASHLAND	62.8	38.3	50.6		77	28	20	4	397	0	0	10	0	14.76		3.08	18		T	0		11	9	5		
AUBURN 3 SW	62.1	39.2	50.7	.1	78	17	24	4	395	0	0	9	0	17.61	12.70	7.83	25		.0	0						
CAMP HILL 2 NW	61.7	39.1	50.4		77	17	21	1	402	0	0	7	0	20.00		6.00	25		.0	0		10	8	5		
HEFLIN	64.0	34.4	49.2		75	23+	13	10	436	0	0	12	0	17.53		5.18	21		.0	0		10	9	6		
LAFAYETTE																										
LAFAYETTE	63.6	40.3	52.0		77	28+	23	4	360	0	0	5	0	19.09		5.75	24		.0	0		11	7	7		
MARTIN DAM	64.4	41.3	52.9		77	16	26	4	335	0	0	6	0	16.55	11.70	3.44	24		.0	0		11	7	6		
PELIKA	62.9	36.3	49.6		80	17	22	11+	428	0	0	12	0			6.30	25		.0	0						
ROCKFORD	63.5	35.6M	49.6M		79	17	21	10	429	0	0	12	0	13.90		3.80	25		.0	0						
WICK MILLS	63.6	36.5	50.1		78	16	20	10+	409	0	0	11	0	17.64		7.04	25		.0	0		10	8	4		
DIVISION																										
			50.7	.5											16.87	11.88										
PRAIRIE																										
JAYTON																										
JAYTON	63.9	43.1	53.5		79	17	23	4	322	0	0	4	0	14.28		4.21	18		.0	0		12	8	5		
MEMPHIS LOCK AND DAM	64.2	40.6	52.4		77	17																				

CLIMATOLOGICAL DATA

ALABAMA
FEBRUARY 1961

CONTINUE

Station	Temperature														Precipitation									
	Average Maximum	Average Minimum	Average	Deviation From Long Term Means	Highest	Date	Lowest	Date	Degree Below 32°	Below 32°				Total	Departure From Long Term Means	Greater Day	Date	Snow, Sleet		No of Days				
										81°-85°	32°-80°	32°-30°	29°-31°					Total	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
LIVINGSTON	65.0	42.5	53.8		78	16+	23	5+	309	0	0	5	0	12.02		2.12	21	.0	0	11	7	7		
MARION JUNCTION 2 NE	64.9	43.1	54.0		78	22	20	5	312	0	0	5	0	14.54		3.77	18	.0	0	13	7	5		
MINTER 3 NW	64.8	43.3	54.1		79	17	24	5	305	0	0	5	0	12.51		2.50	25	.0	0	10	7	6		
MONTGOMERY WB AP	64.9	43.8	54.4	2.8	77	16	26	4	302	0	0	5	0	13.38	8.65	5.54	24	.0	0	10	5	3		
SELMA	66.5	45.5	56.0	2.8	78	22+	25	4	260	0	0	4	0	12.42	7.39	3.67	25	.0	0	10	7	5		
TUSKEGEE 2	65.5	42.8	54.2		77	16	25	4	296	0	0	5	0	14.56		4.12	18	.0	0	10	8	4		
UNION SPRINGS 5 S	65.1	42.7	53.9	1.4	78	24	26	4	306	0	0	5	0	14.11	9.45	2.90	23	.0	0	10	6	6		
DIVISION			53.9	1.9										14.20	9.40			.0						
COASTAL PLAIN																								
ANDALUSIA 1 NW	68.6	42.5	55.6		82	22+	26	10	285	0	0	6	0	7.88		2.78	19	.0	0	9	4	3		
ATHORE STATE FARM	69.3	45.5	57.4		79	28	28	4	222	0	0	3	0	11.15		4.00	18	.0	0	10	7	4		
BRANTLEY	67.0	40.5	53.8		79	22+	23	5	323	0	0	8	0	8.83	4.08	2.00	19	.0	0	10	5	4		
BREWTON 3 SSE	71.6	43.8	57.7	4.0	83	28	22	5	232	0	0	6	0	9.42	4.87	4.53	19	.0	0	9	4	3		
CAMDEN 3 NNW	67.9	43.1	55.5		80	23+	22	5	275	0	0	5	0	14.20		3.67	18	.0	0	11	9	5		
CHATOM	69.3	42.2	55.8		80	16	23	5	264	0	0	5	0	13.55		6.48	18	.0	0	12	7	4		
DOTHAN FAA AIRPORT	68.5	47.2	57.9		81	21	31	4	234	0	0	2	0	5.21	.69	1.15	23	.0	0	9	4	3		
ENTERPRISE	69.2M	46.1M	57.7M		81	21	29	4	233	0	0	2	0					.0	0					
EUFULA	66.1	41.1	53.6	.3	80	17	25	1	326	0	0	7	0	7.95	3.60	2.46	23	.0	0	7	6	4		
EVERGREEN FAA AIRPORT	68.4	43.5	56.0		80	28	25	5	271	0	0	8	0	11.68		5.11	18	.0	0	10	4	4		
FRISCO CITY	66.8	44.2	55.5		80	17	26	4	277	0	0	5	0	16.90	12.28	7.30	25	.0	0	10	7	5		
GENEVA	67.7	44.3	56.0		82	22	28	5	280	0	0	5	0	5.69	1.45	1.94	7	.0	0	6	3	3		
GILBERTOWN	68.6	40.5	54.6		80	16	22	5	292	0	0	8	0	16.72		4.40	21	.0	0	12	6	5		
GREENVILLE	68.4	45.1	56.8	3.4	81	28	26	4	248	0	0	4	0	20.28	15.33	8.32	25	.0	0	9	6	5		
HEADLAND	66.8	44.8	55.8		79	22	30	4	279	0	0	2	0	5.43		1.71	23	.0	0	6	3	3		
HIGHLAND HOME	65.2	44.2	54.7	1.6	79	24	25	4	296	0	0	3	0	13.78	8.67	4.00	25	.0	0	9	7	5		
LOCKHART	68.6	46.1	57.4		80	24	28	4	235	0	0	3	0	6.96		2.71	23	.0	0	7	3	3		
NATCHEZ	69.0	42.9	56.0		79	28	22	5	265	0	0	7	0	14.37		6.66	25	.0	0	9	6	4		
OZARK 6 NNW	66.3	43.1	54.7	.4	79	24+	27	5	301	0	0	4	0	6.06	1.47	1.96	23	.0	0	7	4	2		
PHENIX CITY 2 NNW	63.4	41.1	52.3		79	17	25	4	349	0	0	8	0	10.78		3.50	25	.0	0	6	5	3		
PUSHMATAHA	64.9	39.3	52.1	.7	80	17	22	1	358	0	0	9	0	13.19	8.53	4.21	23	.0	0	10	4	4		
SEALE	66.8	43.1	55.0		79	28+	27	10	283	0	0	5	0	10.76		3.30	24	.0	0	10	6	4		
THOMASVILLE	64.4	41.8	53.1	.8	78	23	23	4	332	0	0	7	0	14.33	8.99	4.64	18	.0	0	11	6	4		
TROY	67.2	46.4	56.8	4.2	80	28	26	4	243	0	0	3	0	10.34	5.97	2.98	18	.0	0	8	6	4		
WHATLEY	69.3	42.6	56.0		79	16+	25	10+	261	0	0	7	0	15.49		5.28	18	.0	0	10	6	4		
DIVISION			55.5	2.1										11.29	6.60			.0						
GULF																								
BAY MINETTE	69.6	47.6	58.6		81	28	28	4	200	0	0	2	0					.0	0					
CITRONELLE	68.9	44.1	56.5	1.3	81	15	23	4	248	0	0	4	0	12.15	7.77	4.40	24	.0	0	9	5	3		
COHEN	68.3	47.3	57.8		78	28	30	5+	217	0	0	3	0	6.46		1.70	18	.0	0	7	5	2		
FADRO	69.4	48.4	58.9	3.6	79	28+	30	4	193	0	0	2	0	14.38	10.49	7.32	18	.0	0	10	6	4		
FORT MORGAN	64.0	52.6	58.3		72	24	37	4	189	0	0	0	0	6.05		1.80	17	.0	0	8	4	2		
MOBILE WB AIRPORT	67.8	47.9	57.9	2.9	79	28	30	4	214	0	0	2	0	6.61	1.80	2.05	24	.0	0	7	4	2		
MOBILE	65.9	48.7	57.3		75	25+	31	5+	215	0	0	2	0	6.18		3.00	19	.0	0	6	4	2		
ROBERTSDALE 1 E	67.1M	42.4M	54.8M		78	17	30	4	255	0	0	3	0	14.29		8.27	19	.0	0	8	4	3		
DIVISION			57.5	2.1										9.45	5.30			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed				Relative humidity averages				Number of days with precipitation					Snow, Sleet			No of Days		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST			6:00 P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine	Average sky cover	sunrise to sunset
								6:00 a CST	Neon CST	6:00 P CST											
BIRMINGHAM WB AIRPORT	SSW	10	8.2	36	SE	2B+	B3	92	70	72	1	2	3	3	2	3	14	41	7.4		
HUNTSVILLE WB AIRPORT	SE	1B	B.4	27++	E	7	7B	B5	66	71	3	3	3	4	2	1	16	-	7.0		
MOBILE WB AIRPORT	S	13	12.0	40++	SSW	24	B7	92	60	71	2	5	3	2	0	2	14	-	8.6		
MONTGOMERY WB AIRPORT	W	11	9.3	40	W	25	B3	90	65	69	2	3	5	2	0	3	15	41	7.3		

See Reference Tables Following Station Index

DAILY PRECIPITATION

ALABAMA
FEBRUARY 1961

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
LAY OAK	11.92			.62				.26	.28										1.18	1.65	2.10	1.22	.95	.86		2.62	.06			.15		
LEES	14.27			.97				.68	.20										.70	.80	1.27	4.97	2.11	2.58		1.73	T			.26		
LEESBURG	13.30			.35				.27	.77										.24	.47	1.44	4.18	.90	2.10		1.22	.05			.31		
LIVINGSTON	12.02		.38	.08			.05	.15											1.14	1.81	1.40	1.10	2.12	1.03		1.15			.31		.30	
LOCKHART	6.96			.07			.21	1.68	.02										.07	1.49	.10	T	.16	2.71		.38				.07		
LOUISVILLE	8.29			.90				1.65	1.15											.16	1.65	1.15		.33	1.36				.76			
MAISON	10.09		*	1.09			.04	.52	.29										.07	.21	1.59	.50	1.43	2.55	.68				.01		.30	
MAGELLA	17.86			.80		.02		.47	.23											.36	1.19	1.16	*.60	3.45	6.29				1.12		.40	
MARION 1 N	16.31			.53				.39	.08											3.25	3.25	1.37	3.08	1.72	.62			1.81	.38	.16		
MARION JUNCTION	14.70			.40				.42	.20											3.00	1.65	1.95	1.95	.75	1.25			3.00		.13		
MARION JUNCTION 2 NE	14.54			.32			T	.46	T										.70	3.77	1.51	*.40	2.65	.36	1.06	2.29		.62		.17		
MARTIN OAK	16.55			.07				.29	.01										T	2.93	3.07	.43	.90	.32	.19	3.44		2.64		.06		
MATHEWS 1 SSW	16.65			.90				.45	.10											2.60	1.83	1.69	T	.21	.98			7.77	T	.32		
MELVIN	18.25			.42			.23	.12												4.90	.87	.60	4.75	3.73	.10			2.10		.43		
HERTZ PONOVILLE TOWER	16.67			.18				.30	.06											2.18	1.32	1.65	3.38	2.55	3.15			1.65		.25		
MILLERS FERRY	14.07			.50	T			.32	.27											2.59	1.50	1.27	.90	1.44	.58	T		4.63	T	.07		
MILSTEAD	18.39			1.09			T	.33	.22											1.96	1.88	2.11		1.18	1.30	T		9.27		.05		
WINTER 3 NW	12.51			.45				.47	.49											2.40	1.20	1.40	1.90	1.10	.60			2.50				
MITCHELL OAK	13.12			.60				.35	.70											1.29	2.04	2.83	1.30	.25	.87			2.89				
MOBILE WB AIRPORT	6.61			.12				.96	.30											.07	2.01	.46	.06	.01	.53	.01	2.05		.03			
MOBILE	6.18			.35	T			.60	.92											.04	3.00	.17	T	1.10								
MONTE SANO	9.63			.98				.55	.29										.09	.31	1.12	.47	1.39	1.83	1.73			.68	.08		.11	
MONTEVALLO	18.23			.47				.50	.25											1.59	2.31	1.53	4.14	2.49	2.58			2.46		.21		
MONTGOMERY WB AP	13.38			.35			.33	.21	T											.23	2.28	3.18	.03	T	.53	1.10	5.54		.09		.01	
MOULTON	6.59			.30				.50	.50											.05	.35	.43	.70	1.30	1.30	.23		.66		.27		
MOULTON 2	6.82			.16			.10	.94	T											.03	.60	.28	1.44	.70	1.44			.03	.76		.22	
MUSCLE SHOALS FAA AP	6.01		.01	.67				.88	.93	.01									.38	.59	1.14	1.77	.24	.39			.39	.22		.17		
NATCHEZ	14.37			.76			.26	.60	.27											1.65	1.68	1.91	.02	.03	.33			6.66		.06		
NEWBURG 2 NE	6.78			.50				.78												*	1.13	*	1.72	*	.22			.59		.22		
NEW MARKET	6.78			.50				.30	.38											.15	1.09	.11	1.10	1.05	1.10			.80		.20		
NEW MARKET 2	7.10			.52				.66	.08											T	.78	.44	.85	.40	2.16	1.10	T	.88		.23		
NEWTON	4.68			.16	T			1.16	.03											T	1.60	.02	T	1.35			.31		.05			
ONEONTA	15.74			.84				.50	.30											.40	1.10	1.25	5.04	2.68	2.00			1.02		.41		
ORELIKA	-		.09	-				.62	.19											1.79	1.40	2.40	.01	.34	1.64	.02		6.30		.04		
ORRVILLE	15.77			1.03			.08	.42	.19											4.02	1.80	.17	1.40		.77	.05	5.70		.04			
OZARK 6 NNW	6.06			.36				.92	.02											T	1.62	.45		.07	1.96			.53		.10		
PAINT ROCK 2 N	8.76			.83				.18	.47											.15	.85	.10	2.05	1.40	1.75			.75	.13		.10	
PALMERDALE 2 W	15.77			.77				.44	.15											.44	.15	.95	.48	3.48	1.80			1.03	T	.24		
PERRYVILLE	14.40			.59				.39	.23											2.20	2.33	1.84	1.77	.95	1.77			2.25		.08		
PHENIX CITY 2 NNW	10.78			.04	.01			.41	.04											.69	1.93	3.23	.06	.05	.80	T		3.50	.02			
PICKENSVILLE	12.56			.46				.13	.21											.73	.26	1.95	3.58	4.05	.35			.67		.17		
PINE HILL	15.63			1.10				*.75												*.30	1.75	*	*	*	*			6.58		.15		
PINE LEVEL	13.18			.98			.03	.64	.13											1.99	2.60	2.83	.03	.21	1.35			2.39		.33		
PLANTERSVILLE 2 SSE	16.33			.33	T			*.75												2.39	2.74	3.05	1.78	.85	.93			3.20		.33		
PLEASANT GROVE SCHOOL	8.10			.35				.35	.40											.10	*.10	*.10	*.40	2.10	1.80			.90	T	.30		
PRATTVILLE	17.53			.03	.77			.30	.40											.18	2.25	1.87	.15	4.54	.48	.22	4.60	1.55		.17		
PRIMROSE FARM	11.25			.76			.24	.19											.01	2.02	2.28	1.22		.11	1.89			2.50	.03			
PUSHMATAHA	13.19			.26			.15	.10	.04											3.47	.16	.10	1.23	3.00	.42			1.03		.27		
RAINSVILLE	8.11			.74				.20	.62	.01										.23	.46	.61	1.98	.71	1.67			1.10	.01	.25		
RED BAY	7.30			.70				.80	.50											.80	.40	.60	1.55	.35	.15			.77		.65		
REDFORT ARSENAL	9.41		T	1.25	.02			.04	.48	.01										.09	.48	.90	1.67	.93	2.64	T	.10	.77	T	.03		
REFORM	13.20			.02	.40			.21	.03											1.01	.34	2.40	2.91	4.42	.57			.67	T	.22		
RIVER FALLS	8.59			.38			.10	.90	.12											.68	2.45	.50	.05	.27	1.75	T		1.40		.03		

DAILY TEMPERATURES

ALABAMA
FEBRUARY 1961

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		
ALBERTVILLE 2 SE	MAX MIN	54 27	54 40	60 31	35 16	40 17	51 22	34 34	41 35	41 31	51 26	53 28	62 31	69 42	69 50	69 52	70 49	73 52	65 57	65 56	56 47	57 49	54 47	64 42	70 44	55 32	36 28	71 29	65 37			56.6 37.5	
ALEXANDER CITY 6 NE	MAX MIN	66 28	66 27	62 32	52 22	59 19	48 36	43 37	42 37	53 36	59 21	68 21	74 27	74 40	74 46	80 41	72 40	69 43	61 55	70 55	67 58	69 51	76 54	76 51	66 42	70 45	66 35	70 27	70 30	77 49			65.5 37.5
ALICEVILLE	MAX MIN	60 24	65 33	65 32	48 20	46 25	58 22	47 28	45 40	43 36	52 23	56 24	62 28	72 36	76 42	73 45	72 48	78 51	67 49	78 45	56 49	68 55	65 58	73 44	70 44	62 34	54 30	68 34	72 32			62.4 36.5	
ANDALUSIA 1 NW	MAX MIN	63 28	65 34	69 44	50 28	54 28	60 37	54 40	57 39	56 37	59 26	60 27	68 30	73 34	79 42	77 41	77 49	77 57	82 59	75 61	79 65	82 67	72 51	72 48	79 51	77 42	56 34	72 38	75 47			68.6 42.5	
ANNISTON FAA AIRPORT	MAX MIN	63 29	63 32	46 29	47 23	58 25	41 37	43 39	42 37	52 31	57 21	66 24	72 34	72 35	75 45	76 47	69 44	67 49	61 57	69 57	69 50	70 54	76 50	68 48	63 34	68 32	74 37	74 52			62.5 39.6		
ASHLAND	MAX MIN	63 34	64 29	55 31	49 24	55 25	51 34	40 36	40 35	51 34	57 25	66 30	73 39	73 50	75 46	67 42	63 53	65 45	60 55	67 55	61 56	66 54	73 41	63 47	69 43	68 41	77 49	77 49			62.8 38.3		
ATHENS 2	MAX MIN	55 29	68 40	55 32	36 15	38 21	52 28	50 29	44 31	44 29	49 25	52 25	64 34	73 43	71 53	66 48	73 48	71 53	70 44	70 44	56 54	58 45	65 54	68 45	71 42	61 28	39 30	68 36	58 42			58.8 36.5	
ATMORE STATE FARM	MAX MIN	67 33	70 42	65 38	51 28	60 30	58 41	65 49	64 39	54 37	60 30	68 33	72 39	75 42	76 47	75 47	78 52	72 53	74 59	71 59	74 62	74 66	76 60	76 54	72 40	71 39	70 43	79 57			69.3 45.5		
AUBURN 3 SW	MAX MIN	60 27	61 30	65 34	46 24	53 25	48 32	44 37	43 39	43 36	50 25	57 30	64 35	70 35	73 42	72 42	76 48	68 56	71 59	62 52	62 56	72 66	66 55	69 48	75 40	68 39	67 30	69 43			62.1 39.2		
BANKHEAD LOCK AND DAM	MAX MIN	58 21	64 30	62 33	48 18	45 22	59 25	44 38	48 39	40 31	51 24	57 28	66 36	72 46	71 46	72 45	74 43	74 48	66 53	70 44	55 50	61 46	66 57	66 41	72 42	63 34	49 31	69 32	64 40			60.9 36.5	
BAY MINETTE	MAX MIN	68 35	71 45	62 41	54 28	63 30	54 43	64 51	54 40	58 37	61 33	68 45	72 52	75 43	74 47	78 46	72 54	74 62	70 60	76 63	76 68	70 62	76 63	72 54	76 57	72 41	71 39	72 45	81 59			69.6 47.6	
BELLE MINA 2 N	MAX MIN	60 32	56 42	52 30	37 18	53 22	53 23	44 42	44 39	48 36	55 24	65 28	74 36	72 46	67 46	69 50	70 49	65 50	70 46	65 40	62 46	62 49	67 43	65 45	55 30	70 28	68 40	58 46			60.4 39.3		
BESSEMER 4 SW	MAX MIN	64 31	63 37	53 47	47 20	57 21	47 40	46 39	46 36	51 23	57 26	67 34	74 46	72 46	72 48	75 45	76 53	68 56	61 52	71 52	63 57	72 58	73 43	64 59	59 33	73 29	66 37	71 55			63.3 40.7		
BIRMINGHAM WB AP	MAX MIN	64 34	63 45	46 26	44 20	57 23	44 30	48 39	41 36	50 36	57 25	66 30	74 40	71 48	72 50	74 48	66 51	67 59	63 52	63 55	63 60	70 64	73 50	63 45	64 33	70 30	66 41	72 47			62.4 41.8		
BRANTLEY	MAX MIN	65 26	64 30	64 38	49 18	53 22	61 23	54 42	52 38	43 38	55 24	68 30	73 33	76 39	77 40	79 46	75 45	75 56	70 52	78 59	78 65	79 66	72 52	78 40	75 32	56 40	67 36	73 43			67.0 40.5		
BREWTON 3 SSE	MAX MIN	68 30	73 38	60 43	54 23	62 22	57 36	69 41	59 42	58 39	62 27	71 27	77 30	78 35	79 44	79 44	75 48	78 63	75 60	78 64	78 68	72 58	80 53	74 42	75 36	83 33	76 40	79 56			71.6 43.8		
BRIOGEPORT 2 W	MAX MIN	60 26	61 31	52 31	43 16	53 21	49 26	43 34	44 35	48 33	56 28	64 36	74 48	70 38	72 46	72 48	74 39	70 42	66 53	63 48	53 43	59 49	65 51	70 48	73 38	61 22	63 30	68 30	70 50			61.3 35.5	
CALERA 2 SW	MAX MIN	65 29	66 34	61 37	50 21	58 24	54 31	48 40	49 38	52 35	59 22	67 25	75 36	73 41	78 48	69 42	67 43	74 57	64 54	74 57	65 58	74 44	73 46	70 46	68 35	73 29	68 35	72 55			65.6 40.0		
CAMDEN 3 NNW	MAX MIN	66 30	70 35	58 38	50 25	62 26	55 34	56 42	53 39	57 38	60 26	69 38	69 37	76 41	76 50	76 43	65 52	75 61	78 57	75 64	78 64	80 51	70 42	69 38	72 38	75 42	75 58			67.9 43.1			
CAMP HILL 2 NW	MAX MIN	60 21	62 30	64 33	45 22	52 33	56 33	41 35	42 37	40 31	50 25	57 27	65 35	70 40	71 45	71 42	73 46	77 53	67 58	61 58	70 54	68 56	75 48	69 39	67 32	73 34	68 36			61.7 39.1			
CENTRE 5 SW	MAX MIN	57 28	64 31	60 31	40 20	46 24	55 32	39 34	41 36	42 35	50 22	56 28	64 33	71 31	73 44	71 48	76 53	65 42	59 48	57 54	65 47	62 46	73 49	64 45	72 35	68 28	67 34	71 43			59.1 37.4		
CENTREVILLE	MAX MIN	60 19	64 30	67 48	50 21	60 26	40 26	47 40	48 38	42 35	54 24	60 26	69 34	74 32	74 36	74 42	76 42	60 56	68 42	62 60	70 66	72 46	74 66	75 46	66 36	56 29	61 34	68 37			63.8 37.4		
CHATAM	MAX MIN	70 28	71 37	58 37	55 24	65 23	55 29	65 47	51 41	60 33	63 25	72 33	76 38	79 49	77 40	70 50	72 50	66 56	71 62	51 49	76 51	79 49	78 51	67 39	74 34	70 37	76 60			69.3 42.2			
CHILDOERSBURG WTR PLANT	MAX MIN	65 30	65 35	62 38	47 22	59 21	56 29	47 40	46 39	51 37	58 22	67 25	74 36	74 41	76 56	69 45	65 55	73 56	61 54	72 57	73 51	65 36	70 33	68 38	74 38	68 54			65.6 41.1				
CITRONELLE	MAX MIN	69 34	70 45	55 35	53 26	61 26	57 34	65 47	49 36	57 32	61 31	69 35	73 38	75 45	78 47	81 53	80 47	72 52	71 58	66 64	78 61	74 49	78 62	70 36	71 34	70 42	78 57			68.9 44.1			
CLANTON	MAX MIN	59 22	63 31	65 36	48 21	47 21	56 24	45 38	44 37	40 35	50 25	56 27	66 37	72 37	72 45	73 42	76 52	64 45	67 52	74 58	62 60	73 50	73 46	64 35	51 29	69 48	66 48			61.9 38.5			
CODEN	MAX MIN	65 33	70 43	65 45	60 30	62 30	55 45	59 52	54 38	58 37	67 32	68 36	73 48	74 45	76 48	68 54	71 62	69 52	71 63	76 67	71 64	76 55	71 41	69 40	74 47	78 61			68.3 47.3				
DAYTON	MAX MIN	60 38	65 38	65 39	45 23	46 24	58 29	46 39	57 40	47 33	49 25	68 33	75 39	75 42	75 50	75 51	79 59	63 56	68 55	75 60	70 50	73 46	74 53	65 37	56 43	71 43	62 54			63.9 43.1			
DECATUR	MAX MIN	57 23	64 38	58 31	38 18	48 26	54 38	43 26	44 37	38 33	56 24	67 29	74 42	71 49	70 46	72 46	70 55	72 43	58 45	64 55	72 42	64 39	72 27	67 38	63 41	79 43			59.0 37.4				
DEMOPOLIS LOCK AND DAM	MAX MIN	61 21	65 37	65 35	47 25	48 23	56 25	48 40	58 39	42 34	52 25	70 38	75 39	76 43	75 46	75 45	77 56	64 47	70 56	63 61	74 60	68 52	76 48	74 36	65 40	57 34	70 43	67 51			64.2 40.6		
DO THAN FAA AIRPORT	MAX MIN	63 38	68 42	52 37	53 31	59 32	50 41	56 47	48 39	54 39	59 35	67 35	73 41	75 42	76 54	75 47	78 51	74 61	76 59	79 65	81 68	76 57	78 61	72 43	74 38	77 42	79 54			68.5 47.2			
DOUBLE SPRINGS	MAX MIN	59 25	65 32	56 30	42 17	45 17	57 31	40 37	47 35	37 32	52 21	57 28	72 31	75 44	72 45	71 48	72 50	75 53	73 45	50 42	59 47	62 52	63 41	73 30	60 24	65 37	71 41			59.8 36.1			
ENTERPRISE	MAX MIN	63 38	68 41	61 41	54 29	57 31	66 41	49 41	55 38	59 35	67 36	70 42	76 41	76 57	79 48	76 53	76 51	66 50	79 59	81 67	78 64	79 57	77 45	68 39	72 39	80 54			69.2 46.1				
EJFAULA	MAX MIN	62 25	68 39	61 35	48 29	55 26	54 30	45 33	45 41	58 35	45 28	55 28	67 29	73 39	76 43	68 44	77 45	68 51	77 51	77 59	77 57	79 58	73 62	75 42	71 35	73 40	73 41			66.1 41.1			
EVERGREEN FAA AIRPORT	MAX MIN	66 29	70 38	54 29	53 25	61 25	53 44	64 46	47 39	56 38	60 27	73 31	76 48	76 44	78 50	71 61	73 65	68 56	71														

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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	
FORT MORGAN	MAX	59	64	60	53	58	56	60	51	50	56	60	64	67	70	71	68	69	67	66	68	70	71	68	72	70	65	68	70	64.0 52.6		
	MIN	42	53	46	37	40	48	51	44	40	46	49	50	53	55	56	58	62	62	61	60	62	62	59	62	45	52	54	63			
FRISCO CITY	MAX	64	66	70	48	51	61	53	65	42	55	61	68	73	75	77	75	80	68	73	67	75	74	75	76	78	58	71	71	66.8 44.2		
	MIN	28	39	38	26	27	30	41	39	36	30	35	37	44	48	47	49	55	60	59	60	64	67	53	57	38	37	45	48			
GADSDEN GAS PLANT	MAX	62	61	50	44	53	40	41	41	50	56	65	73	73	72	72	75	68	64	62	68	55	67	72	64	62	67	67	72	61.3 38.9		
	MIN	29	36	33	20	25	35	36	36	35	21	25	33	35	47	47	45	47	56	54	54	49	50	43	45	39	28	36	51			
GAINESVILLE	MAX	61	66	59	48	47	58	46	54	42	54	60	70	76	76	74	77	80	66	75	59	69	66	70	73	62	55	73	65	63.6 40.3		
	MIN	23	36	34	22	22	27	41	39	22	27	29	32	44	52	47	46	47	56	52	49	58	59	50	49	36	35	39	46			
GENEVA	MAX	63	64	69	52	53	58	57	59	45	54	59	66	73	76	76	75	77	76	76	76	79	82	74	78	78	58	70	73	67.7 44.3		
	MIN	29	34	43	29	28	33	43	40	39	31	30	35	37	44	47	49	49	58	60	63	66	68	64	55	48	34	37	47			
GILBERTOWN	MAX	68	65	57	52	61	58	66	49	57	63	72	75	78	78	75	80	72	71	67	72	70	78	79	75	65	74	69	74	68.6 40.5		
	MIN	28	36	35	24	22	38	44	40	29	24	25	30	38	43	41	47	49	60	55	53	65	59	46	44	38	31	35	56			
GREENSBORO	MAX	64	63	55	54	61	60	55	49	52	60	65	73	75	74	77	78	75	68	65	75	68	76	72	62	63	70	65	71	65.9 43.7		
	MIN	37	44	34	22	26	40	42	38	33	29	31	38	45	50	52	49	56	59	50	55	60	60	51	53	36	34	42	57			
GREENVILLE	MAX	66	69	65	52	60	56	51	51	54	60	70	75	76	77	76	79	75	73	64	75	76	72	78	71	68	74	71	81	68.4 45.1		
	MIN	33	40	43	26	30	39	43	39	37	32	30	36	39	53	46	51	52	60	62	67	67	57	52	41	34	39	55				
GUNTERSVILLE	MAX	60	62	51	43	54	54	43	43	50	57	60	74	71	71	68	69	72	68	64	55	64	64	72	71	66	71	70	67	61.9 39.1		
	MIN	33	31	32	30	25	34	37	36	33	28	36	25	39	49	50	44	46	56	31	46	50	44	57	42	27	40	39	54			
HALEYVILLE	MAX	58	62	55	39	40	57	46	46	36	51	56	67	75	72	75	72	73	70	74	48	59	63	64	73	60	41	71	63	59.5 35.5		
	MIN	30	31	29	15	16	24	36	33	33	20	20	25	41	45	46	46	50	54	45	41	45	55	36	43	29	26	38	42			
HAMILTON	MAX	55	63	56	39	41	55	41	46	37	50	55	66	74	72		72	75	69	77	51	60	64	69	72	62	51	70	63	59.4 34.7		
	MIN	23	29	27	15	16	30	36	34	28	21	22	26	41	48		48	52	53	40	41	45	56	35	36	28	24	41	43			
HAYNEVILLE	MAX	62	64	68	51	50	56	59	45	48	54	56	60	63	70	74	76	78	69	71	74	76	77	74	75	68	62	71	70	65.0 42.9		
	MIN	31	38	42	24	28	31	31	38	37	30	30	35	40	45	49	53	54	56	55	59	61	65	53	54	40	36	42	45			
HEAOLANO	MAX	62	63	60	52	54	58	54	52	52	53	57	66	72	74	75	76	78	77	77	75	78	75	78	77	74	70	72	72	66.8 44.8		
	MIN	38	38	40	30	31	33	38	40	37	33	35	35	42	43	47	47	52	54	58	59	65	66	62	58	46	40	42	46			
HEFLIN	MAX	61	71	61	58	60	55	50	48	51	55	63	75	73	71	72	75	71	66	60	61	60	61	75	67	61	69	70	72	64.0 34.4		
	MIN	23	22	25	28	30	28	35	32	30	13	19	24	24	34	39	43	45	51	50	49	55	46	45	35	36	33	35	34			
HIGHLAND HOME	MAX	62	63	61	50	48	56	47	48	42	52	58	67	72	74	75	70	74	77	73	72	74	73	74	79	76	64	74	70	65.2 44.2		
	MIN	40	42	41	25	27	33	39	33	36	31	33	40	43	47	50	50	53	53	56	60	59	65	67	55	45	40	34	40			
HUNTSVILLE W8 AP	MAX	59	56	38	38	57	43	45	41	50	55	65	74	71	69	72	76	68	70	64	58	62	64	72	65	60	69	68	65	60.5 39.5		
	MIN	33	38	24	18	23	38	41	35	29	23	28	43	48	53	50	47	50	58	44	44	51	55	42	45	29	27	42	48			
JASPER 4 N	MAX	64	62	54	42	57	42	47	47	53	58	67	75	73	73	73	79	68	72	65	60	62	64	74	61	62	72	69	70	63.0 37.8		
	MIN	26	40	31	17	20	31	39	36	31	19	29	40	44	43	48	44	43	58	47	45	56	59	36	39	32	23	30	52			
LAFAYETTE	MAX	64	64	58	51	55	47	40	41	51	58	66	71	74	74	76	77	66	68	60	70	66	67	75	65	61	70	77	77	63.6 40.3		
	MIN	34	33	35	23	24	35	36	37	35	26	32	45	44	44	44	44	50	56	45	56	45	47	54	48	40	32	44	40			
LIVINGSTON	MAX	66	59	53	46	57	48	54	47	55	61	71	75	76	75	78	78	66	74	67	71	67	72	74	61	63	73	65	69	65.0 42.5		
	MIN	33	42	34	23	23	41	43	39	32	25	28	36	45	49	47	48	55	61	50	50	62	59	46	52	37	35	40	54			
LOCKHART	MAX	66	67	69	55	55	60	58	68	45	51	62	70	75	76	78	77	77	76	73	75	78	79	71	80	76	57	73	74	68.6 46.1		
	MIN	35	40	47	28	30	39	41	41	38	30	35	37	41	52	49	51	52	60	59	63	69	68	60	56	43	37	40	49			
MADISON	MAX	55	59	59	44	39	54	44	43	38	48	55	60	74	70	69	73	74	69	70	57	57	62	63	71	63	52	68	68	59.2 38.1		
	MIN	32	41	29	16	21	31	36	36	30	22	28	36	42	48	50	47	52	64	46	42	49	54	40	46	30	25	39	45			
MARION JUNCTION 2 NE	MAX	64	63	55	49	56	46	50	48	52	57	67	75	75	73	75	77	68	68	64	75	72	78	71	63	65	71	70	69	64.9 43.1		
	MIN	34	40	36	23	20	30	42	38	34	29	29	38	44	52	44	47	53	58	58	59	62	62	53	54	37	36	43	53			
MARTIN DAM	MAX	63	64	60	50	55	52	45	45	50	58	65	71	73	72	74	77	72	69	63	71	70	68	72	67	65	68	68	75	64.4 41.3		
	MIN	30	32	35	26	32	38	39	39	37	31	27	33	34	48	42	46	48	56	53	55	58	58	54	46	40	36	35	48			
MINTER 3 NW	MAX	58	69	64	40	49	60	42	53	47	55	58	68	74	76	74	74	79	63	72	65	65	74	74	76	71	67	76	71	64.8 43.3		
	MIN	26	40	40	25	24	28	39	39	37	30	34	40	46	48	51	51	51	56	60	60	60	60	54	55	42	39	38	39			
MOBILE WB AIRPORT	MAX	67	69	59	55	61	56	64	46	57	62	69	70	72	76	76	77	69	74	68	70	74	75	76	75	63	70	69	79	67.8 47.9		
	MIN	39	46	38	30	32	45	45	40	38	35	39	45	47	47	48	55	57	64	62	65	67	62	55	59	40	41	46	55			
MOBILE	MAX	62	66	67	56	52	62	57	68	48	59	60	64	69	72	71	75	72	70	66	68	69	72	73	73	75	63	67	69	65.9 48.7		
	MIN	36	43	44	31	31	44	46	43	39	39	41	45	53	54	49	51	57	61	60	63	63	65	56	58	42	43	52	55			
MONTGOMERY W8 AP	MAX	62	68	52	50	57	46	46	45	52	57	66	73	74	73	73	77	70	74	64	75	71	71	74	68	68						

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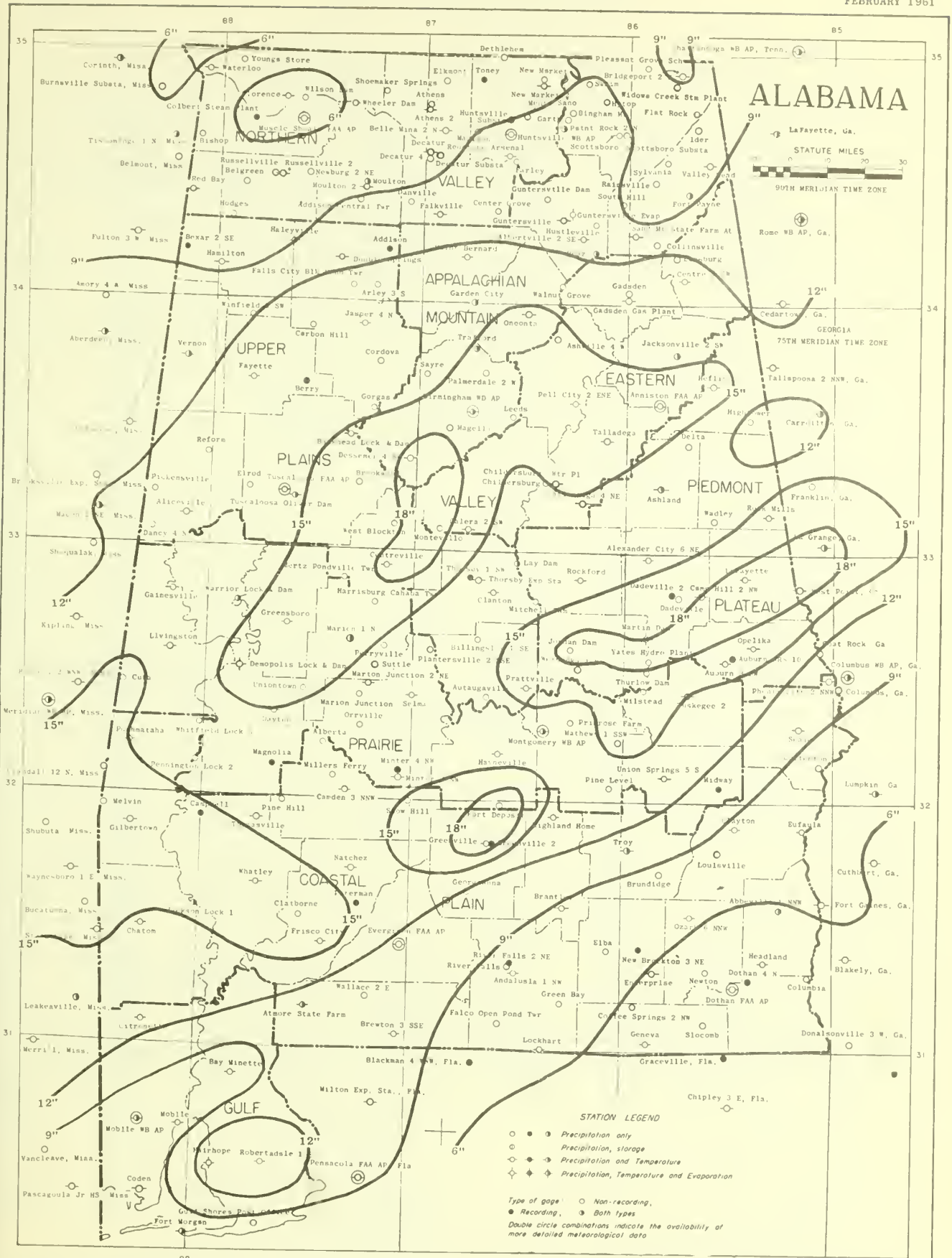
Station	Day Of Month																															Average
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REOSTONE ARSENAL	MAX	59	57	39	39	54	42	45	42	48	53	64	72	68	69	71	72	66	69	64	57	63	64	70	64	60	66	65	63	59.5 38.0		
	MIN	27	37	22	16	19	34	39	35	28	22	24	48	43	52	45	42	47	58	43	44	50	53	40	44	30	31	43	47			
ROBERTS DALE 1 E	MAX	64	68	70	57	56	62	62	65	49	57	61	67	68			77	78	72	73	71	70	76	75	75	76	59	70	67.1 42.4			
	MIN	32	34	45	30	32	42	45	42	39	34	35	39	41			46	53	61	61	64	65	68	58	57	43	39	40				
ROCKFORD	MAX	57	64	65	47	50	54	51	53	51	50	58	66	69	71	74	74	79	73	71	64	71	71	71	75	60	47	69	72	63.5 35.6		
	MIN	28	29	35	22	23	24	37	41	35	21	23	29	30	30	39	41	43	47				55	46	35	26	31	34	41			
ROCK MILLS	MAX	61	66	56	51	55	51	41	41	50	56	65	71	71	70	74	78	74	65	61	70	69	68	73	72	65	67	67	74	63.6 36.5		
	MIN	29	26	31	22	20	34	36	38	35	20	22	22	30	37	40	40	41	55	53	57	46	51	53	42	36	28	31	48			
RUSSELLVILLE 2	MAX	57	63	55	38	38	54	40	45	36	50	55	64	73	70	71	73	71	70	74	48	59	65	67	70	64	40	68	65	58.7 34.3		
	MIN	31	35	22	16	12	22	36	35	34	19	19	24	47	47	47	43	46	55	43	41	42	52	33	33	30	24	26	45			
SAINT BERNARD	MAX	55	64	58	42	40	56	39	44	38	51	56	65	73	68	70	72	75	68	67	51	57	60	63	74	61	37	72	68	58.7 35.8		
	MIN	22	28	32	18	18	22	36	36	34	23	23	27	35	47	49	49	48	52	47	44	51	54	40	41	31	25	26	44			
SAND MT STATE FARM A U	MAX		56	47	41	52	46	39	40	46	52	62	70	69	72	69	73	66	63	63	58	58	57	70	66	61	65	66	68	59.1 38.9		
	MIN		37	29	16	23	33	35	34	34	21	24	29	41	42	51	52	48	51	52	50	49	47	48	41	43	32	24	38		50	
SCOTTSBORO	MAX	55	61	55	38	44	54	42	44	39	47	55	64	72	70	70	70	74	67	64	55	55	58	64	71	60	38	65	67	57.8 34.5		
	MIN	29	28	28	18	18	25	37	38	35	22	22	25	31	43	44	42	40	44	52	48	47	46	42	40	37	25	26	33			
SEALE	MAX	64	68	63	55	58	45	45	45	53	60	66	73	76	73	75	79	74	73	62	77	70	72	77	72	72	70	73	79	66.8 43.1		
	MIN	29	35	36	28	28	40	41	41	38	27	32	40	43	46	42	46	47	60	55	62	58	58	60	50	43	37	39	48			
SELMA	MAX	62	69	59	50	57	56	52	50	55	58	67	74	75	74	73	78	74	68	64	76	74	78	74	72	65	69	66	72	66.5 45.5		
	MIN	35	42	41	25	28	42	43	40	39	32	31	38	42	53	46	49	54	59	60	60	66	64	54	54	40	36	43	58			
SYLACAUGA 4 NE	MAX	63	65	56	47	58	45	45	44	50	56	65	72	72	74	77	67	67	62	71	66	70	76	62	65	70	68	74	63.5 39.9			
	MIN	31	33	36	23	20	32	38	38	36	22	26	33	39	48	44	43	48	57	55	57	55	57	49	46	36	28	35		53		
TALLADEGA	MAX	59	65	53	44	57	42	47	43	51	56	65	73	73	74	75	76	68	66	61	71	60	68	73	61	62	68	68	73	62.6 39.4		
	MIN	31	33	32	21	25	31	39	38	36	22	26	34	41	47	47	45	47	56	55	56	50	56	45	45	33	27	35	51			
THOMASVILLE	MAX	60	63	68	49	48	59	46	62	41	54	58	68	72	75	74	73	76	63	68	64	75	71	78	76	65	58	72	68	64.4 41.8		
	MIN	27	37	34	23	24	29	39	36	32	28	30	34	45	50	48	50	51	56	61	55	61	64	49	50	37	34	40	47			
THORNSBY EXP STATION	MAX	62	65	54	48	57	48	44	44	50	54	65	72	71	73	73	78	68	67	62	72	67	72	72	68	64	69	64	72	63.4 42.5		
	MIN	35	39	32	21	25	37	39	37	36	29	31	42	45	52	51	51	52	57	54	58	57	47	50	49	35	34	40	54			
TROY	MAX	64	68	60	52	59	51	50	47	53	59	67	73	75	75	75	77	74	72	66	75	76	71	75	74	71	71	72	80	67.2 46.4		
	MIN	40	44	40	26	30	40	42	38	36	32	35	40	43	55	53	55	54	60	58	64	67	63	57	54	40	37	43	53			
TUSCALOOSA FAA AIRPORT	MAX	64	61	49	48	59	45	50	42	50	58	68	73	74	71	77	78	66	70	63	70	64	68	70	61	61	67	61	65	62.6 40.7		
	MIN	32	42	30	23	27	42	42	38	31	26	26	35	41	50	48	46	50	58	50	50	58	58	45	47	33	29	37	46			
TUSKEGEE 2	MAX	62	67	61	52	56	51	44	45	52	57	64	71	74	72	73	77	70	72	62	74	72	70	75	70	70	68	76	76	65.5 42.8		
	MIN	31	36	36	25	29	38	40	44	37	30	29	34	37	49	44	48	51	58	57	60	55	57	56	55	40	33	35	53			
UNION SPRINGS 5 S	MAX	60	62	68	45	52	57	47	46	44	50	64	72	74	75	73	74	77	76	75	63	65	71	72	78	72	71	72	68	65.1 42.7		
	MIN	31	36	36	26	27	32	40	39	36	32	34	42	50	52	46	47	47	52	50	50	60	60	57	57	39	38	37	42			
VALLEY HEAD	MAX	55	58	54	34	44	52	43	42	38	46	52	62	72	70	71	68	73	66	65	58	58	57	63	71	64	40	64	68	57.4 31.1		
	MIN	25	28	13	16	13	23	34	25	32	17	17	22	32	30	38	37	37	45	51	48	46	48	40	36	35	23	31	34			
VERNON	MAX	60	67	58	45	47	58				49	53	59	70	77	76	74	78	79	68	80	53	61	67	69	74	62	52	73	63	64.3 34.8	
	MIN	20	27	30	17	18	24				27	21	22	26	31	42	43	45	48	56	45	43	50	58	40	43	32	28	31	39		
WATERLOO	MAX	57	62	53	43	46	49	43	45	42	50	53	67	74	71	65	62	72	73	75	50	58	65	68	72	63	58	70	65	59.7 35.1		
	MIN	24	33	27	14	18	17	38	35	33	19	18	26	49	50	48	50	50	55	37	38	44	54	36	41	29	23	30	47			
WHATLEY	MAX	66	70	58	52	62	58	66	57	57	61	70	74	76	79	78	79	75	72	65	75	74	75	78	75	68	72	72	77	69.3 42.6		
	MIN	28	37	36	25	27	39	45	40	35	25	26	30	36	48	42	48	50	60	60	58	65	65	51	50	39	32	37	59			

EVAPORATION AND WIND

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	
DEMOPOLIS LOCK & DAM	EVAP	-	-	.01	*	*	*	*	.25	.07	.06	.10	.06	.12	.14	.05	.09	.11	-	.31	-	-	-	.86	.12	-	.03	.10	.08	78	83.41 81927	
	WIND	-	28	19	131	62	70	55	216	82	56	20	35	45	25	82	28	22	79	90	75	104	25	73	22	113	163	60	78			
FAIRHOPE	EVAP	.04	.04	.07	.09	.08	-	.05	.09	.08	.06	.13	.07	.08	.09	.10	.08	.08	-	.05	.05	.11	-	.07	.25	.13	.07	.08	88	82.38 1306		
	WIND	9	17	45	28	21	55	83	101	48	37	30	43	37	19	13	23	26	76	38	33	50	67	41	44	178	65	15	64			
GUNTERSVILLE EVAP	EVAP	.05	.04	.04	.09	.05	.08	.00	.06	.05	.05	.08	.10	.11	.08	.07	.07	.06	.03	.04	.04	.06	.15	.10	.07	.12	.06	.10	.14	1.99 1246 60.0 44.7		
	WIND	21	23	70	70	55	59	79	51	45	22	24	30	44	21	15	8	30	72	30	38	49	72	38	14	132	33	24	77			
MARTIN DAM	MAX	55	55	48	43	50	50	41	42	51	56	61	65	68	71	70	71	70	63	63	56	56	58	74	73	60	64	70	77	81.81 1035		
	MIN	38	43																													

TOTAL PRECIPITATION

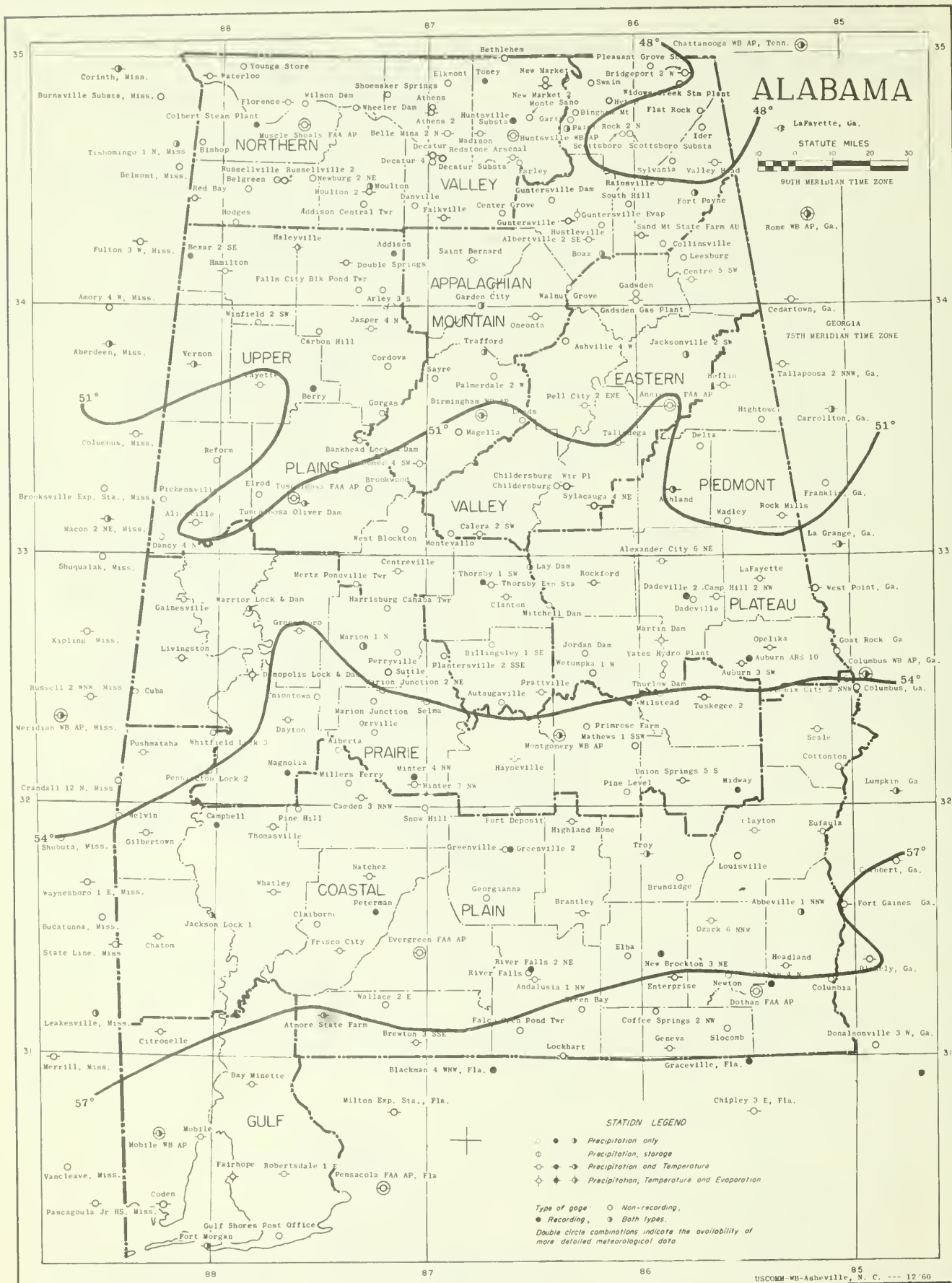
ALABAMA
FEBRUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
FEBRUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table, "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ration 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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

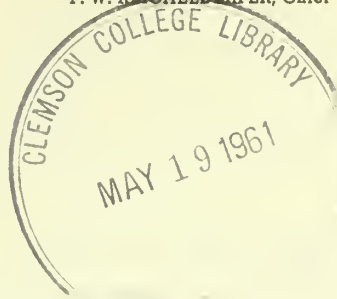
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ALABAMA

MARCH 1961

Volume 67 No. 3



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 19+ at 8 stations

Lowest Temperature: 21° on the 10th at Double Springs

Greatest Total Precipitation: 18.48 inches at Melvin

Least Total Precipitation: 4.28 inches at Columbia

Greatest One-Day Precipitation: 6.58 inches on the 31st at Melvin

Greatest Reported Total Snowfall: Trace at Centre 5 SW and Huntsville
WB AP

SEVERE FLOODING - FEBRUARY AND MARCH

Isohyetal maps for the periods February 17-20, 20-23 and 23-26 on Pages 36, 37 and 38 show the rainfall distribution as totals of 10 to 18 inches accumulated over a large portion of Alabama while relatively small areas of the extreme northwest and southeast received less than 4 inches of rain. Flood crests generated by the February rains were near the latitude of Montgomery on March 1st but river gages indicated above flood stage readings from Gadsden to Claiborne.

Rains of 2 to 5 inches fell over the central portion of Alabama and northeastward into Georgia beginning on the afternoon of March 6th and ending during the morning of March 7th. As the rains began 997 mb low pressure area was centered over Illinois, with a cold front extending from the center of the low southwestward through Arkansas to the Texas Coast. An instability line extended from Indiana southward to northern Mississippi. During the ensuing 24 hours the low center and the northern portion of the cold front moved some 40 to 45 mph toward the northeast while the southern portion of the cold front became stationary over extreme northwest Alabama and all of the rain occurred well to the east of the front. Heaviest rainfall occurred on the evening of the 6th, as a line of thunderstorms moved across the State with largest measurements apparently centered in the Childersburg area where 4.10 inches was reported for the 24-hour period ending at 7 a.m. on the 7th.

Fortunately, all stations on the Etowah and Oostanaula Rivers in northwest Georgia had crested from the February floods and the rivers had fallen well below the flood stage when the heavy rains of March 6th and 7th occurred. These additional heavy rains caused moderate rises, but flood stages were not reached.

In Alabama, the crest of the record flood on the Alabama River had just reached Claiborne on March 7th. The Coosa River, at Gadsden, Ala., had fallen to a stage of 14.2 feet at 7 a.m. on March 7th, well below the flood stage of 20 feet. The additional heavy rains caused a minor flood crest of 20.5 feet at Gadsden on March 11. Elsewhere on the Coosa River these rains caused only minor rises.

At Montgomery, the Alabama River had fallen to a stage of 39.2 feet by 7 a.m. on March 8th. These additional heavy rains caused a secondary crest of 40.0 feet by 1 p.m. on March 8th, which was 5 feet above the flood stage.

At Wetumpka, the first crest was 50.7 feet at 1 p.m. on February 23rd. The Coosa River then fell for about 20 hours and began to rise again by 1 p.m. of the 24th for a second crest of 55.5 feet on February 25th.

During February and March, 1961, the highest river stages of gage records were recorded on the Alabama and lower Cahaba Rivers, and at Childersburg, on the Coosa River. A comparison of these record stages, with the previous highest stage of gage record, is given below:

<u>STATION</u>	<u>NUMBER YEARS RECORD</u>	<u>RIVER</u>	<u>FLOOD STAGE (FT.)</u>	<u>1961 CREST AND DATE (FEET)</u>	<u>PREVIOUS HIGHEST CREST AND DATE (FEET)</u>
Childersburg, Ala.	37	Coosa	20	30.5 2-23	30.1 3-30-51
Montgomery, Ala.	69	Alabama	35	58.1 2-26	57.1 12-11-19
Selma, Ala.	69	Alabama	45	58.4 3- 1	56.2 12- 3-48
Millers Ferry, Ala.	30	Alabama	40	60.0 3- 3	56.6 4-14-38
Claiborne, Ala.	31	Alabama	40	55.2 3- 7	52.3 4-17-38
Suttle, Ala.	11	Cahaba	32	44.0 2-24	39.0 3- 8-56
Marion Junction, Ala.	22	Cahaba	36	43.0 2-24	42.95 8-16-39

At Gadsden, on the Coosa River, the 1961 crest was 30.9 feet on February 26th, while the highest stage of gage record was 31.5 feet on July 15, 1916.

On the Cahaba River, the 1961 crest at Centreville was 35.7 feet on the 23rd, flood stage 23 feet. Highest stage of gage record for Centreville was 36.6 feet on April 8, 1938.

At Milstead, on the Tallapoosa River, the 1961 crest was

51.5 feet on February 26, or the second highest crest of gage record. Previous highest stage of record was 54.0 feet on December 10, 1919, when a dam brok upstream. In some respects, this 1961 crest at Milstead may be considered the highest of record from natural causes, i.e., rainfall.

On the Coosa River, at Wetumpka, Ala., the 1961 crest was 55.5 feet on February 25th. Previous highest crest was 57.9 feet on April 8, 1938.

WEATHER SUMMARY (Continued)

River stages remained above the flood stage for the greatest number of consecutive days of record. Please see tabular comparison below:

STATION	FLOOD STAGE (FT.)	ABOVE FLOOD STAGE (1961)		TOTAL NUMBER DAYS	PREVIOUS GREATEST NUMBER OF DAYS		
		FROM	TO				
Gadsden, Ala.	20	2-21	3- 6	14	16	in	1936
Childersburg, Ala.	20	2-22	3- 2	9	-	-	-
Wetumpka, Ala.	45	2-22	3- 3	10	7	in	1948
Montgomery, Ala.	35	2-21	3-11	19	15	in	1948
Selma, Ala.	45	2-23	3-12	18	13	in	1948
Millers Ferry, Ala.	40	2-21	3-20	28	23	in	1938
Claiborne, Ala.	40	2-22	3-22	29	-	-	-
Centreville, Ala.	23	2-20	2-26	7	4	in	1938
Marion Junction, Ala.	36	2-23	3- 1	7	6	in	1939

Greatest 24-hour rises during the floods are for the 24-hour period ending on the date shown:

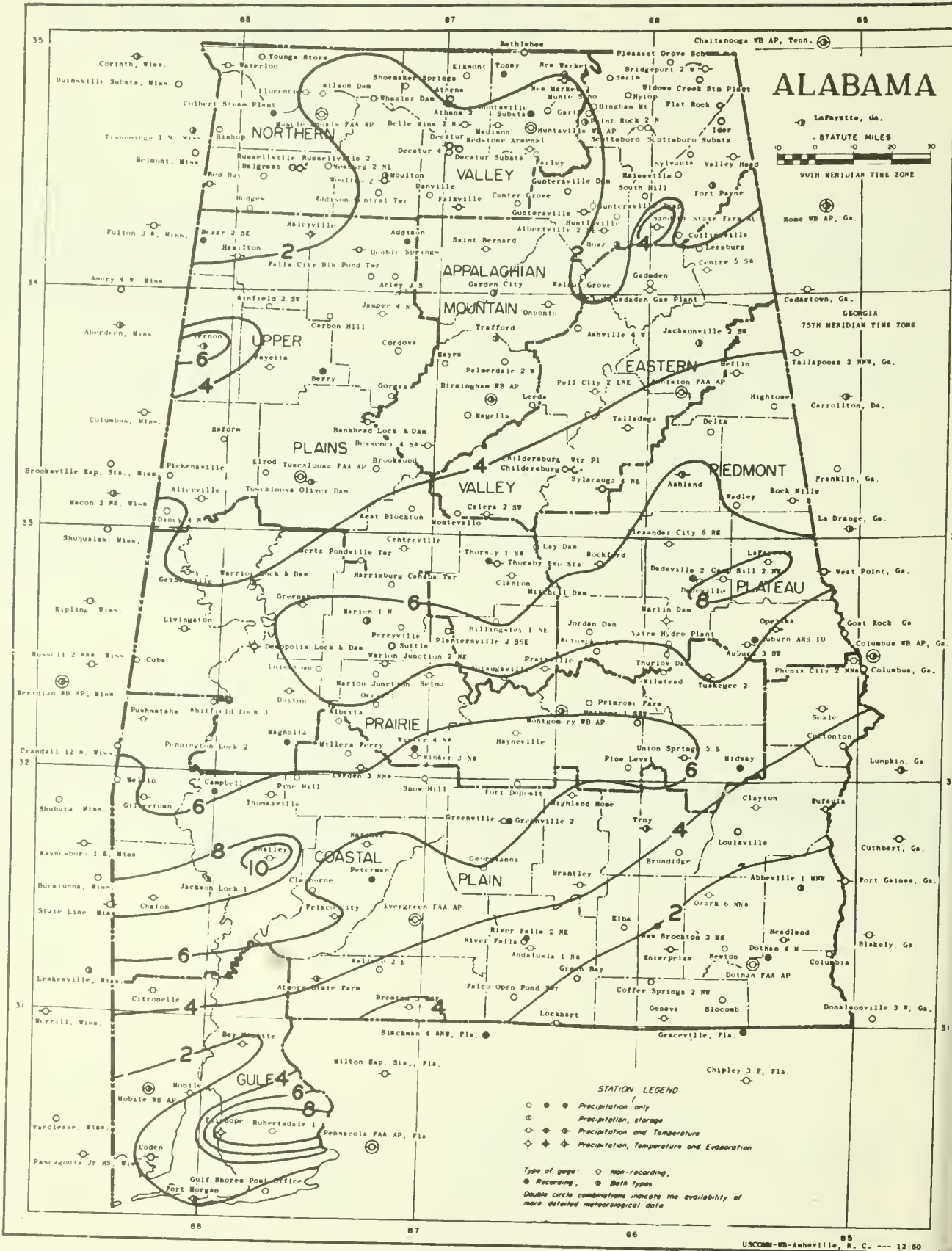
STATION	24-HOUR RISE AND DATE
Gadsden	9.8 feet on 21st
Childersburg	10.1 feet on 22nd
Wetumpka	17.7 feet on 20th 14.0 feet on 22nd
Milstead	32.0 feet on 25th
Montgomery	14.9 feet on 20th
Selma	11.4 feet on 20th 11.8 feet on 21st
Millers Ferry	15.0 feet on 19th
Claiborne	10.9 feet on 19th
Marion Junction	9.0 feet on 23rd

No one was killed as a direct result of these floods. Flood warnings were exceptionally accurate and timely, being issued well in advance of the flood stages. Public apathy was evident. A case in point is an industrialist who was complaining about his losses due to flood damage. When asked if he was not warned of the impending floods, his reply was "Yes, I had ample warning; but the river had never before reached the predicted stage and I didn't think it would this time."

Serious flooding, but not of record proportions, occurred on the Warrior, Tombigbee, and Chattahoochee Rivers during February and March.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

TOTAL RAINFALL FOR THE PERIOD FEBRUARY 17-20, 1961



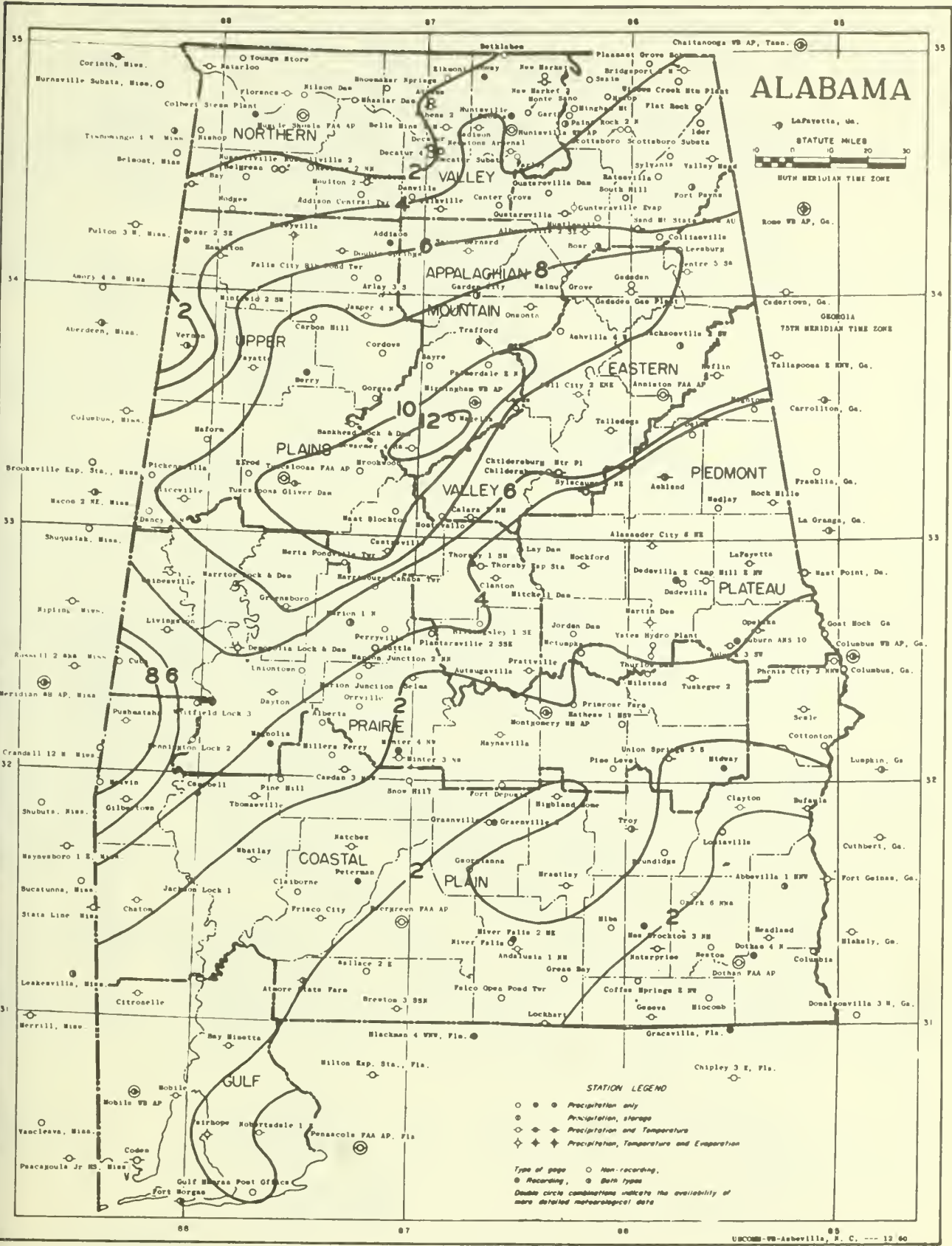
ALABAMA

LaFayette, Ga.
 STATUTE MILES
 0 10 20 30
 WITH MERIDIAN TIME ZONE

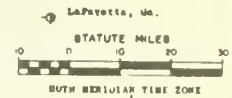
STATION LEGEND

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

TOTAL RAINFALL FOR THE PERIOD FEBRUARY 20 - 23, 1961



ALABAMA

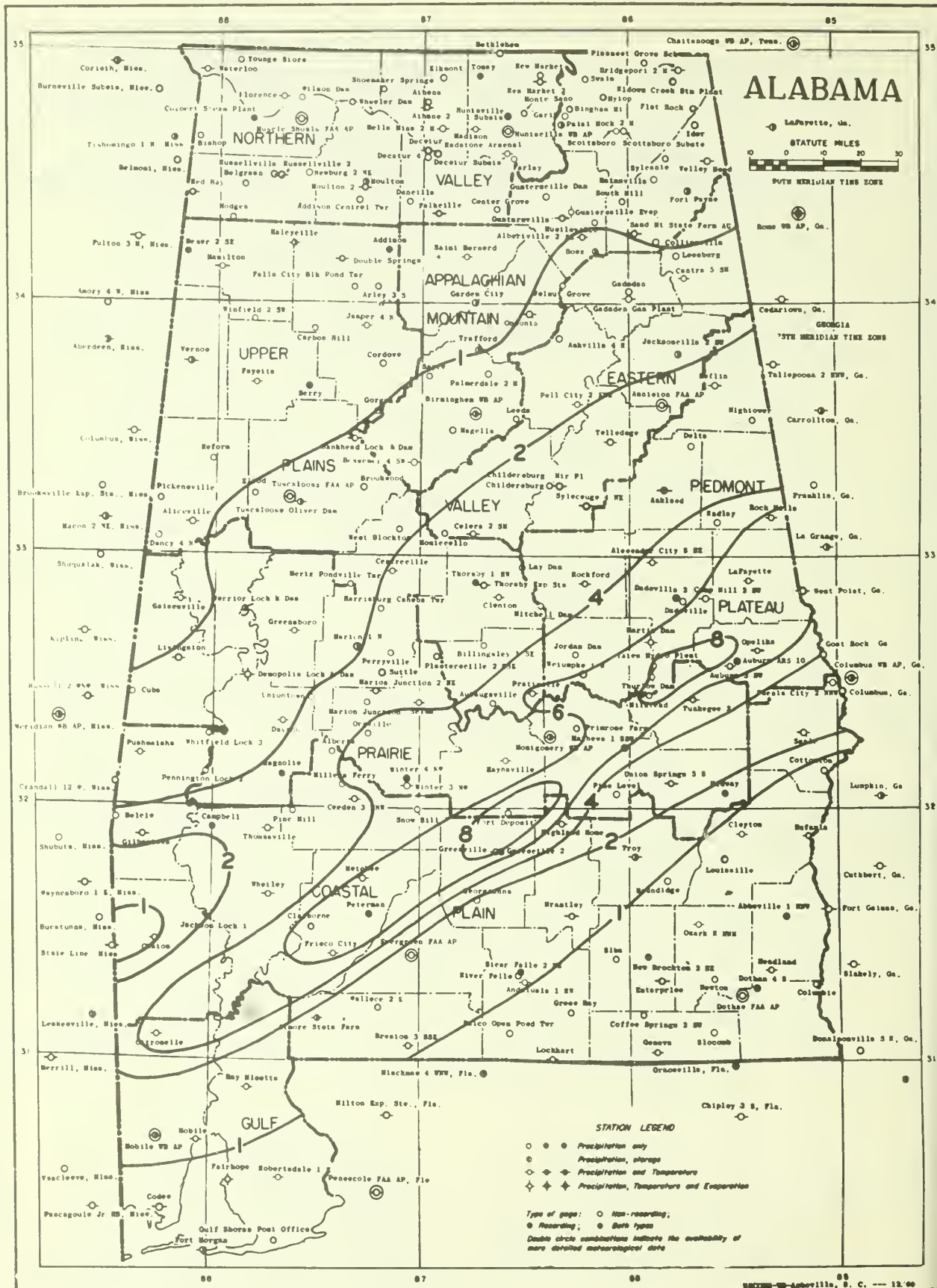


STATION LEGEND

- ○ ○ Precipitation only
- ○ ○ ○ Precipitation, storage
- ○ ○ ○ ○ Precipitation and Temperature
- ○ ○ ○ ○ ○ Precipitation, Temperature and Evaporation

Type of page ○ Non-recording.
 ○ Recording, ○ Both types
 Double circle combinations indicate the availability of more detailed meteorological data

- TOTAL RAINFALL FOR THE PERIOD FEBRUARY 23 - 26, 1961



CLIMATOLOGICAL DATA

ALABAMA
MARCH 1961

Station	Temperature														Precipitation												
	Average Maximum	Average Minimum	Average	Departure from Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure from Long Term Means	Greatest Day	Date	Snow/Ice			Mm of Days						
										99° or Above	32° or Below	32° or Below	32° or Below					Total	Departure from Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN VALLEY																											
ATHENS 2	65.9M	43.5M	54.7M		75	28+	27	2	320	0	0	2	0	6.91	1.25	28		.0	0			9	7	2			
BELLE MINA 2 N	65.8	45.2	55.5		76	26+	30	10	293	0	0	2	0	6.46	1.45	28		.0	0			10	6	2			
DECATUR	65.2	44.6	54.9	1.1	76	16+	33	2	317	0	0	0	0	6.45	1.42	8		.0	0			9	6	2			
FALKEVILLE	66.2	44.3	55.3		78	7	30	25+	308	0	0	3	0	8.50	2.33	8		.0	0								
HUNTSVILLE WB AP	66.2	44.5	55.4		79	26	29	10	305	0	0	2	0	8.45	2.10	7	T					11	8	2			
MADISON																											
MADISON	65.5	43.6M	54.6M	2.6	75	27+	27	10	327	0	0	2	0	7.92	1.81	1.78	21		.0	0							
MOULTON 2	66.6	45.0	55.8		77	26+	27	10	294	0	0	3	0	6.78	1.92	7		.0	0			10	5	2			
MUSCLE SHDALS FAA AP	64.2	43.8	54.0		76	26+	30	25+	343	0	0	3	0	9.74	3.64	7		.0	0			9	6	3			
NEW MARKET 2	65.8	42.0	53.9		75	26+	25	10	343	0	0	4	0	8.01	1.54	21		.0	0			10	6	5			
RED BAY	65.2	43.9	54.6		76	27	30	10	325	0	0	2	0	10.36	2.30	28		.0	0					6			
REDSTONE ARSENAL																											
REDSTONE ARSENAL	64.6	42.3	53.5		77	6	29	25	355	0	0	2	0	6.00	1.35	28		.0	0			11	5	2			
RUSSELLVILLE 2	65.4	39.5	52.5		77	8	24	11+	390	0	0	10	0	11.77	1.77	28		.0	0								
WATERLDD	65.7	39.9	52.8		76	28+	25	10	375	0	0	6	0	10.29	4.14	8		.0	0			8	7	5			
DIVISION																											
			54.4	1.8										7.99	2.08		T										
APPALACHIAN MOUNTAIN																											
ALBERTVILLE 2 SE	63.2	42.8	53.0	1.3	74	27	31	10	366	0	0	2	0	7.60	1.18	2.24	8		.0	0							
BESSEMER 4 SW	68.6	45.7	57.2		80	7	28	10	257	0	0	3	0	9.66	3.14	31		.0	0			10	7	3			
BIRMINGHAM WB AP	67.9	46.7	57.3	3.5	81	7	30	10	252	0	0	1	0	9.22	2.91	1.89	31		.0	0		13	8	3			
BRIDGEPORT 2 W	66.9	41.6	54.3		75	13	27	10+	323	0	0	6	0	7.98	1.95	1.90	7		.0	0		10	8	2			
GUNTSVILLE	67.2	43.0	55.1		76	4	31	9+	297	0	0	3	0					.0	0					0			
DNEDTA																											
DNEDTA	65.4	42.0	53.7		79	8	28	25+	356	0	0	7	0	8.81	2.24	7		.0	0			9	6	4			
SAINT BERNARD	66.5	42.0	54.3	2.2	80	8	28	11+	335	0	0	6	0	7.30	1.09	1.39	28		.0	0		9	5	4			
SAND MT STATE FARM A U	65.2	43.5	54.4		75	7	29	10+	325	0	0	4	0	7.27	1.47	8		.0	0			10	7	2			
SCOTTSBORD	64.8	40.9	52.9	.3	78	28	29	2	367	0	0	7	0	7.64	1.24	2.68	8		.0	0		10	4	2			
VALLEY HEAD	64.3	37.9	51.1	.2	76	28	23	3	428	0	0	11	0	5.35	.62	1.71	8		.0	0				1			
DIVISION																											
			54.3	1.6										7.87	1.63		.0										
UPPER PLAINS																											
ALICEVILLE	69.2	44.1	56.7		82	8	28	10	284	0	0	3	0	9.58	2.89	31		.0	0			11	7	4			
BANKHEAD LOCK AND DAM	68.3	43.9	56.1		80	8	30	10	284	0	0	3	0	9.35	3.15	31		.0	0			10	5	4			
CENTREVILLE	71.5M	43.7M	57.6M	1.3	83	8+	28	10	253	0	0	6	0	10.02	3.25	3.02	31		.0	0		10	6	4			
CLANTON	68.0	43.7	55.9	.3	81	8+	28	2	289	0	0	5	0	8.97	2.43	2.60	31		.0	0		10	6	4			
DOUBLE SPRINGS	67.4	41.3	54.4		80	6	21	10	335	0	0	6	0	8.65	1.80	8		.0	0			9	8	4			
FAYETTE																											
FAYETTE	70.5	45.4M	58.0M		84	7	29	10	234	0	0	4	0	9.80	2.62	31		.0	0			9	7	4			
HALEYVILLE	66.0	41.8	53.9		78	7	27	10	342	0	0	5	0	8.54	1.59	8		.0	0			9	7	4			
HAMILTON	66.9	41.7	54.3		79	8+	25	10	337	0	0	6	0	8.65	1.73	31		.0	0			9	7	4			
JASPER 4 N	69.8	42.1	56.0		82	7+	26	2	290	0	0	7	0	10.49	2.09	21		.0	0			12	7	6			
PRATTVILLE	71.8	46.6	59.2	1.8	84	7+	31	10	198	0	0	1	0	12.42	6.35	3.76	31		.0	0		11	8	5			
THORSBY EXP STATION																											
THORSBY EXP STATION	67.9	47.0	57.5		80	5	32	10+	245	0	0	2	0	9.32	2.30	31		.0	0			11	6	4			
TUSCALOOSA FAA AIRPORT	69.5	47.0	58.3		81	7	29	10	227	0	0	2	0	8.04	1.63	6		.0	0			13	6	2			
TUSCALOOSA OLIVER DAM	69.4	44.3	56.9	.7	82	8	29	10	264	0	0	2	0	8.98	2.89	2.40	7		.0	0		10	5	3			
VERNON	69.8	42.5	56.2		83	8	27	10	286	0	0	4	0	10.65	2.61	8		.0	0			9	5	4			
DIVISION																											
			56.5	.8										9.53	3.25		.0										
EASTERN VALLEY																											
ANNISTON FAA AIRPORT	67.8	44.4	56.1		79	7+	29	25	284	0	0	2	0	7.88	1.83	7		.0	0			9	6	3			
CALERA 2 SW	70.4	45.9	58.2		81	5	28	10	228	0	0	5	0	9.06	2.45	2.51	31		.0	0			9	4	4		
CENTRE 5 SW	66.1	41.3	53.7		81	8	28	25	353	0	0	5	0	6.43	1.73	31		.0	0			10	4	3			
CHILDERSBURG WTR PLANT	71.0	46.4	58.7		83	5	31	25	215	0	0	1	0	11.29	4.20	7		.0	0			10	6	4			
GAOSEN GAS PLANT	66.1	43.5	54.8		77	7	29	25	312	0	0	3	0		1.87	8		.0	0					3			
PELL CITY 1 NNE																											
PELL CITY 1 NNE	65.5M	40.4M	53.0M		80	8	29	26+	373	0	0	5	0		2.03	31		.0	0								
SYLACAUGA 4 NE	68.9	45.1	57.0		82	5	30	25+	256	0	0	4	0	7.80	1.90	31		.0	0			9	7	3			
TALLADEGA	68.2	43.7	56.0	.5	82	5	27	10	290	0	0	5	0	8.29	2.19	2.57	31		.0	0		10	6	3			
DIVISION																											
			55.9	1.6										8.46	2.36		T										
PIEDMONT PLATEAU																											
ALEXANDER CITY 6 NE	72.0M	42.9M	57.5M		82	7+	27	25	243	0	0	7	0	9.88	3.51	31		.0	0			11	6	3			
AUBURN 3 SW	70.2	44.5	57.4	.9	82	8+	28	10	246	0	0	6	0	7.92	3.62	31		.0	0			9	4	2			
CAMP HILL 2 NW		43.5M	M				28	2		0	0	5	0	10.97	3.88	7		.0	0			9	6	3			
MEFLIN	70.5	40.5	55.5		80	16+	25	2	287	0	0	3	0	9.57	1.88	18		.0	0			8	6	5			
LAFAYETTE	70.3	42.9M	56.6M		82	7+	28	2	239	0	0	2	0	10.22	2.17	31		.0	0			10	6	5			
MARTIN DAM																											
MARTIN DAM	70.7	43.5M	57.1M		82	7	26	15	247	0	0	1	0	10.63	4.80	3.50	7		.0	0		10	4	3			
DPELIKA	70.5	41.1	55.8		83	6+	26	10	293	0	0	7	0	7.99	3.45	31		.0	0			8	4	2			
RDCKFD RD	70.3	41.5M	55.9M		82	6	27	10+	291	0	0	7	0	11.70	4.20	31		.0	0								
RDCK MILLS	70.5	42.0	56.3		80	5	28	2	270	0	0	6	0	8.66	3.70	31		.0	0								

CLIMATOLOGICAL DATA

ALABAMA
MARCH 1961

CONTINUED

Station	Temperature												Precipitation											
	Average Minimum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
										Max.	3P of Below	3P or Above	3P or Below					Total	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
LIVINGSTON	70.8M	48.5	59.7M		84	7	31	10+	188	0	0	2	0	10.44		2.76	31	.0	0		11	7	3	
MARION JUNCTION 2 NE	70.7	48.0	59.4		82	7+	32	10+	192	0	0	2	0	10.71		3.14	31	.0	0		12	6	4	
MINTER 3 NW	70.2	45.6	57.9		83	8	33	11+	242	0	0	0	0	13.99		4.35	31	.0	0					
MONTGOMERY WB AP	69.9	47.9	58.9	1.8	83	7+	33	10	209	0	0	0	0	10.41	3.91	3.17	31	.0	0		11	7	3	
SELMA	72.5	50.0	61.3	2.1	84	7+	34	10	152	0	0	0	0	10.79	4.78	3.20	31	.0	0		10	7	4	
TUSKEGEE 2	71.7	48.2	60.0		83	7+	31	11	179	0	0	2	0	7.89				.0	0					
UNION SPRINGS 5 S	71.1	46.2	58.7	.6	81	8+	32	10	216	0	0	1	0			2.24	31	.0	0					
DIVISION			59.3	1.2										10.76	4.53			.0						
COASTAL PLAIN																								
ANDALUSIA 1 NW	74.5M	47.3	60.9M		85	19+	30	10	157	0	0	2	0	8.96		2.80	31	.0	0		10	6	2	
ATMORE STATE FARM	74.5	50.2	62.4		81	18+	34	10	117	0	0	0	0			2.42	31	.0	0					
BRANTLEY	73.2	45.4M	59.3M		85	19	28	10	212	0	0	7	0	7.74	1.46	3.02	31	.0	0		9	5	2	
BREWTON 3 SSE	75.9	48.8	62.4	3.5	85	18+	29	10	134	0	0	1	0	11.68	5.37	5.15	18	.0	0		9	5	2	
CAMDEN 3 NNW	74.6	49.6	62.1		85	7	35	10	124	0	0	0	0	12.37		4.86	31	.0	0		10	9	3	
CHATAM	74.5	48.2	61.4		85	7	29	10	158	0	0	2	0	11.27		2.11	17	.0	0		11	9	4	
CLAYTON		46.5M					31	10		0	0	1	0					.0	0					
COOTHAN FAA AIRPORT	73.6	51.7	62.7		83	7+	35	11+	120	0	0	0	0	5.56	.02	1.29	31	.0	0		10	3	3	
ENTERPRISE	75.4M	51.3M	63.4M		84	18	34	11	103	0	0	0	0			1.88	31	.0	0					
EUFULA										0	0							.0	0					
EVERGREEN	72.5M	47.1M	59.8M		84	19	31	10	194	0	0	1	0	7.63		2.63	18	.0	0		8	6	2	
EVERGREEN FAA AIRPORT	72.3	47.5	59.9		84	18	31	10	194	0	0	3	0	7.91		1.70	17	.0	0		11	6	3	
FRISCO CITY	72.1	49.1	60.6		81	19+	32	10	162	0	0	1	0	11.78	4.95	2.64	18	.0	0		11	7	5	
GENEVA	74.8M	49.5	62.2M		84	6+	31	11	141	0	0	1	0	6.59	.72	1.62	18	.0	0		10	5	3	
GILBERTOWN	73.8	47.0	60.4		85	7	29	10	181	0	0	3	0	17.06		3.64	31	.0	0		11	10	6	
GREENVILLE	74.4	49.0	61.7	2.5	85	18	32	10	140	0	0	1	0	8.95	2.18	1.81	18	.0	0		11	4	4	
HEADLAND	73.6	47.6	60.6		84	7	34	10	153	0	0	0	0	6.10		1.53	18	.0	0		8	5	3	
HIGHLAND HOME	71.1	49.0	60.1	1.1	82	19+	30	10	181	0	0	1	0	10.67	4.24	4.00	31	.0	0		11	4	4	
LOCKHART	74.0	49.9	62.0		84	19	31	10	149	0	0	1	0					.0	0					
NATCHEZ	73.5	47.0	60.3		83	7+	29	10	178	0	0	5	0	11.19		2.27	18	.0	0		9	8	5	
OZARK 6 NNW	74.1	47.1	60.6	.7	84	7+	32	10	161	0	0	1	0	5.92	.36	2.05	31	.0	0		10	3	3	
PHENIX CITY 2 NNW	70.6M	44.0M	57.3M		84	8	30	10	246	0	0	1	0	5.45		2.45	31	.0	0		7	2	2	
PUSHMATAHA	71.4	44.5	58.0	.6	84	8	30	10	235	0	0	5	0	9.56	3.89			.0	0					
SEALE	73.5	45.4	59.5		84	7	28	10	186	0	0	4	0	7.12				.0	0					
THOMASVILLE	70.7	46.4	58.6	.4	83	8	30	10	214	0	0	2	0	12.16	5.61	4.17	31	.0	0		11	8	4	
TROY	72.7	50.1	61.4	3.0	83	7	32	10	135	0	0	1	0	5.18	1.52	1.53	31	.0	0		9	3	2	
WHATLEY	74.6	48.1	61.4		84	18+	30	10	159	0	0	2	0	10.36		2.00	29	.0	0		8	8	4	
DIVISION			60.8	1.7										9.15	2.79			.0						
GULF																								
BAY MINETTE	74.1	52.3	63.2		83	7	34	10	107	0	0	0	0	11.63		4.60	31	.0	0		9	8	3	
CITRONELLE	73.6	49.2	61.4	.9	83	18	31	10	142	0	0	1	0	15.85	8.94	4.47	17	.0	0		11	9	7	
COOEN	73.1	52.7	62.9		78	30+	31	10	110	0	0	1	0	6.07		2.17	17	.0	0		10	6	1	
FAIRHOPE	73.6	53.7M	63.7M	3.5	80	7	37	10	86	0	0	0	0	5.97	.33	1.95	17	.0	0		9	4	2	
FORT MORGAN	68.7	57.7	63.2		74	28+	46	10	79	0	0	0	0	6.22		3.20	17	.0	0					
MOBILE WB AIRPORT	71.7	52.6	62.2	2.7	80	18	34	10	123	0	0	0	0	10.35	2.73	3.25	17	.0	0		10	6	3	
MOBILE	71.1	55.0	63.1		81	19+	40	10	90	0	0	0	0	8.58		3.10	18	.0	0		10	4	3	
ROBERTSDALE 1 E	72.1M	51.7	61.9M		80	19	36	10	131	0	0	0	0	8.85		4.92	18	.0	0		9	4	2	
DIVISION			62.7	2.3										9.19	2.46			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
BIRMINGHAM WB AIRPORT	S	16	9.5	54	NE	18	77	85	61	58	2	2	5	5	3	0	17	46	6.8
HUNTSVILLE WB AIRPORT	SE	19	9.4	46++	E	18	75	82	60	60	6	3	3	6	1	1	20	-	7.2
MOBILE WB AIRPORT	SSE	16	11.8	40++	W	17	86	88	60	69	3	7	4	3	0	3	20	-	5.5
MONTGOMERY WB AIRPORT	S	9	9.5	43	W	8	82	91	60	66	3	1	4	4	1	2	15	50	6.4

SNOWFALL AND SNOW ON GROUND

ALABAMA
MARCH 1961

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
CENTRE 5 SW	SNOWFALL SN ON GND										T																					
HUNTSVILLE WB AIRPORT	SNOWFALL SN ON GND								T	T																						

PREPARATION AND PUBLICATION OF THIS BULLETIN

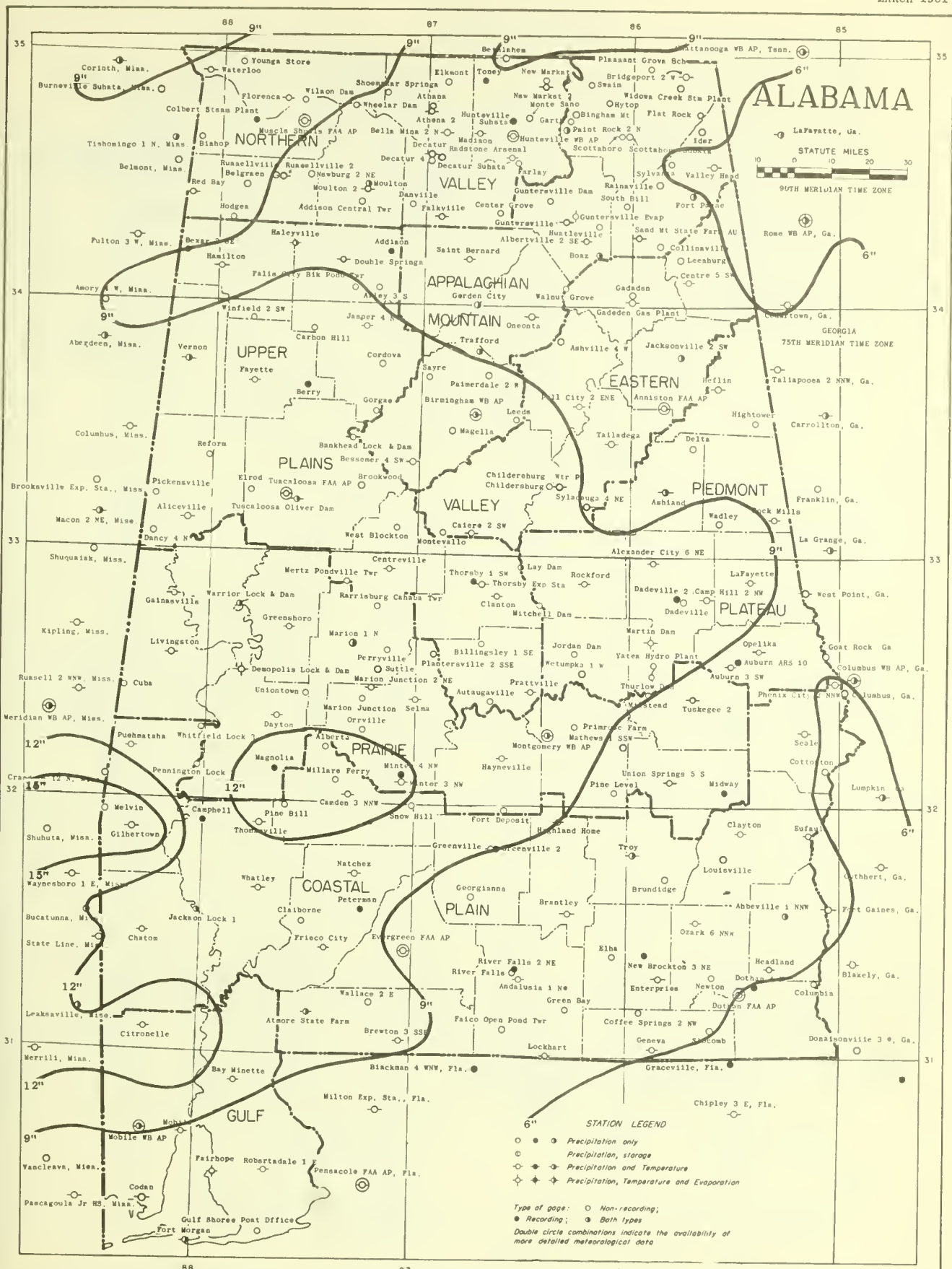
Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

TOTAL PRECIPITATION

ALABAMA
MARCH 1961

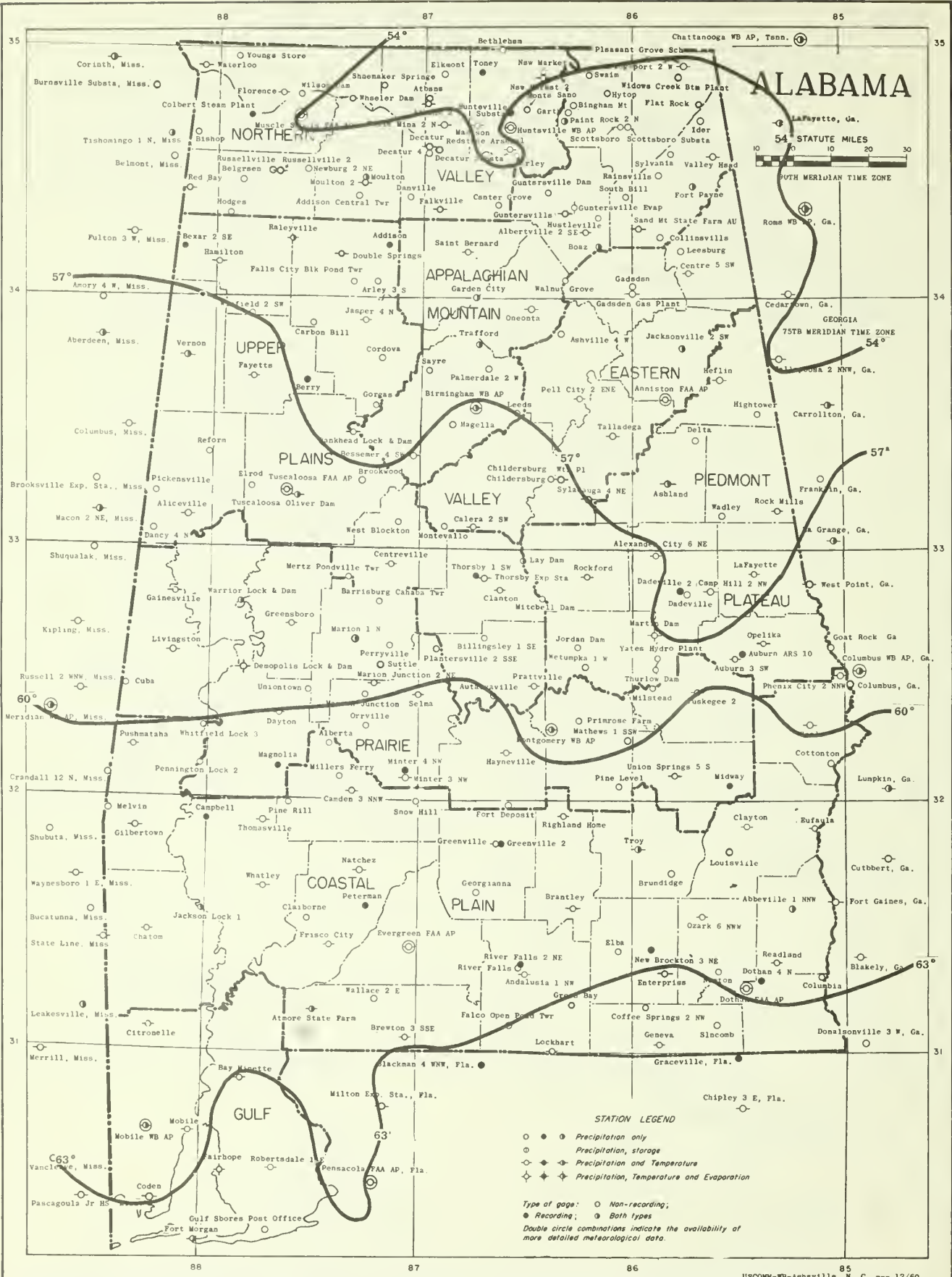


Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

USCOMM-WB-Asheville, N. C. --- 12-60

AVERAGE TEMPERATURE

ALABAMA
MARCH 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ration 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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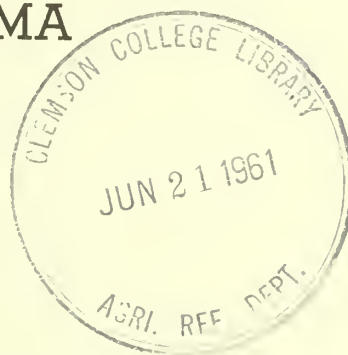
LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



APRIL 1961

Volume 67 No. 4



ALABAMA - APRIL 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 89° on the 28th at Atmore State Farm and on the
24th at Camden 3 NNW

Lowest Temperature: 25° on the 7th at Valley Head

Greatest Total Precipitation: 11.13 inches at Coffee Springs 2 NW

Least Total Precipitation: 1.90 inches at Redstone Arsenal

Greatest One-Day Precipitation: 5.55 inches on the 12th at Mobile

Greatest Reported Total Snowfall: Trace at Hodges

Greatest Reported Depth of Snow on Ground: None

CLIMATOLOGICAL DATA

ALABAMA
APRIL 1961

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days			
										90° or Above	75° or Above	50° or Above	32° or Above					Total	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN VALLEY																								
CHENS 2	68.0M	42.2M	55.1M		84	25	27	7	310	0	0	2	0	2.70		.90	12	.0	0			4	3	0
ELLE MINA 2 N	70.3M	44.6M	57.5M		85	23	31	7	250	0	0	1	0	2.07		.86	12	.0	0			4	2	0
ECATUR	68.3	45.3	56.8	- 5.7	84	24	36	17+	270	0	0	0	0	2.60	- 1.73	.78	12	.0	0			8	1	0
ELKVILLE	69.0	44.0	56.5		83	24	29	7	270	0	0	1	0	3.50		1.06	12	.0	0					
ENTSVILLE W8 AP	70.2	44.7	57.5		88	23	33	7	261	0	0	0	0	2.21		.84	9	.0	0			4	2	0
NOISON																								
NOISON	68.6	44.6	56.6	- 4.3	84	24	31	7	274	0	0	2	0	3.10	- 1.31	.85	12	.0	0			6	3	0
DULTON 2	69.9	44.2	57.1		84	23	29	13	267	0	0	2	0	2.04		.74	9	.0	0			5	2	0
MUSCLE SHOALS FAA AP	68.6	44.1	56.4		85	30	33	18+	284	0	0	0	0	2.28		.75	12	.0	0			4	2	0
W MARKET 2	70.4	40.6	55.5		84	21	28	7+	300	0	0	8	0	2.33		1.05	12	.0	0			5	2	1
W MARKET 2	68.4	44.0	56.2		83	24	30	17	286	0	0	2	0	3.72		1.16	12+	.0	0			9	3	2
OSTONE ARSENAL																								
OSTONE ARSENAL	68.3	42.3	55.3		82	23	30	7+	308	0	0	2	0	1.90		.54	12	.0	0			4	1	0
USSELLVILLE 2	68.1	41.4	54.8		82	24	29	18+	324	0	0	4	0	2.11		.74	12	.0	0			6	2	0
WATERLOO	68.2	43.6	55.9		83	24	26	7	303	0	0	4	0	3.74		1.41	12	.0	0			4	3	2
DIVISION																								
DIVISION			56.2	- 5.2										2.64	- 1.63			.0						
APPALACHIAN MOUNTAIN																								
BERTVILLE 2 SE																								
BERTVILLE 2 SE	67.2	42.0	54.6	- 5.5	82	24	32	11+	317	0	0	2	0	3.79	- .62			.0	0					
ESSEMER 4 SW	72.0	45.0	58.5		82	30+	29	7	223	0	0	1	0	5.00		1.30	12	.0	0			6	4	2
RRINGHAM W8 AP	72.2	46.2	59.2	- 2.7	84	23	33	7	199	0	0	0	0	4.33	- .32	1.56	27	.0	0			7	4	1
ROGEPOR 2 W	70.7	43.1	56.9		84	27	28	7	270	0	0	6	0	3.59	- .65	1.30	12	.0	0			7	3	1
UNTERSVILLE	70.5	40.4	55.5		84	23+	32	15	284	0	0	1	0					.0	0					
EOANTA																								
EOANTA	69.2	42.3	55.8		83	24	28	7	301	0	0	3	0	4.72		1.60	27	.0	0			7	3	1
INT BERNARD	70.2	43.2	56.7	- 3.9	84	23	32	17	272	0	0	1	0	4.05	- .29	.89	10	.0	0			7	4	0
INO MT STATE FARM A U	68.5	43.3	55.9		83	23	31	7	287	0	0	3	0	4.02		1.33	12	.0	0			6	4	2
OTTSBORO	68.4	41.4	54.9	- 6.0	83	24	29	8+	321	0	0	3	0	3.39	- 1.33	.90	12	.0	0			7	3	0
ALLEY HEAD	67.2	37.7	52.5	- 6.7	85	24	25	7	383	0	0	11	0	3.82	- .85	1.03	12	.0	0					1
DIVISION																								
DIVISION			56.1	- 4.9										4.08	- .47			.0						
UPPER PLAINS																								
ICEVILLE																								
ICEVILLE	71.1	43.5	57.3		84	25+	29	7	257	0	0	2	0	3.46		.90	12	.0	0			6	3	0
ANKHEAD LOCK AND OAM	70.6	43.2	56.9		81	25	32	7	254	0	0	1	0	4.73		1.67	27	.0	0			6	4	2
ENTREVILLE	74.1	44.2	59.2	- 4.6	86	24+	32	7	209	0	0	1	0	4.23	- 1.15	1.56	12	.0	0			5	3	2
LANTON	70.5	44.3	57.4	- 5.9	83	25	32	2	250	0	0	1	0	3.69	- 2.24	1.73	12	.0	0			7	2	1
UBLE SPRINGS	70.5	42.1	56.3		85	24	28	17	280	0	0	5	0	3.92		.97	12	.0	0			7	4	0
AYETTE																								
AYETTE	73.0	45.6	59.3		85	30+	30	7	207	0	0	1	0	3.46		1.20	12	.0	0			5	3	1
LEYVILLE	70.3	42.5	56.4		85	21	29	7	284	0	0	4	0	3.67		1.20	9	.0	0			8	3	1
MILTON	69.5M	41.5M	55.5M		82	24	30	2	294	0	0	2	0	3.33		.87	12	.0	0			6	3	0
SPER 4 N	73.1	41.6	57.4		84	30+	28	7	250	0	0	8	0	4.31		1.13	27	.0	0			6	4	2
TATVILLE	74.9	47.9	61.4	- 2.7	86	25+	35	2	154	0	0	0	0	4.83	- .69	1.65	12	.0	0			7	3	2
ORSBY EXP STATION																								
ORSBY EXP STATION	71.7	46.7	59.2		82	24	36	16	201	0	0	0	0	3.21		1.62	12	.0	0			7	1	1
USCALOOSA FAA AIRPORT	72.6	46.6	59.6		83	25	33	7	197	0	0	0	0	4.70		1.38	27	.0	0			7	4	1
USCALOOSA OLIVER OAM	71.5	43.6	57.6	- 6.3	84	26+	31	8	246	0	0	2	0	4.35	- .01	1.33	27	.0	0			6	4	2
ARNON	72.2	44.1	58.2		85	24	29	7	237	0	0	2	0	3.95		1.27	27	.0	0			6	3	2
DIVISION																								
DIVISION			58.0	- 5.3										3.99	- 1.04			.0						
EASTERN VALLEY																								
UNISTON FAA AIRPORT																								
UNISTON FAA AIRPORT	71.2	44.2	57.7		84	23	31	7	242	0	0	1	0	4.59		1.38	27	.0	0			6	3	2
ALERA 2 SW	73.7	43.7	58.7		83	24	30	7	208	0	0	3	0	4.89	- .54			.0	0					
ENTRE 5 SW	69.5	42.3	55.9		85	24+	28	7	291	0	0	2	0	3.76		1.19	12	.0	0					1
HILOERSBURG WTR PLANT	74.3	44.9	59.6		83	25+	31	17+	197	0	0	2	0	5.19		1.96	12	.0	0			5	4	2
ADSOEN GAS PLANT	70.2	44.3	57.3		84	23	31	7	253	0	0	3	0					.0	0					
ELL CITY 1 NNE																								
ELL CITY 1 NNE	70.1M	41.9M	56.0M		88	29	31	7	285	0	0	3	0	4.60		1.48	27	.0	0			6	4	3
LACAUGA 4 NE	72.4	44.5	58.5		82	30+	31	18+	222	0	0	3	0	4.56		1.60	12	.0	0			5	5	1
LALAOEGA	71.6	44.3	58.0	- 4.8	84	23	31	2	240	0	0	1	0	5.10	.25	1.78	12	.0	0			5	5	2
DIVISION																								
DIVISION			57.7	- 4.4										4.67	- .19			.0						
PIEOMNT PLATEAU																								
EXANOR CITY 6 NE																								
EXANOR CITY 6 NE	74.4M	42.1M	58.3M		85	30	30	2	221	0	0	6	0	6.13		1.45	12	.0	0			8	5	3
HLANO	72.0	43.4	57.7		82	23	30	7	228	0	0	1	0	5.10		1.87	12	.0	0			7	5	1
BURN 3 SW	71.5	45.0	58.3	- 5.5	84	26	30	2	220	0	0	1	0	5.66	.55	1.63	12	.0	0			8	5	2
MP HILL 2 NW	70.7	43.1M	56.9M		82	26	34	4+	256	0	0	0	0	5.56		1.41	15	.0	0			9	6	2
FLIN	73.8	41.8	57.8		84	30+	30	5	224	0	0	6	0	6.53		2.27	12	.0	0			6	5	2
FAYETTE																								
FAYETTE	72.1	46.0	59.1		81	25+	34	11+	202	0	0	0	0	6.05		1.57	15	.0	0			7	6	3
RTIN OAM	72.7	46.2	59.5		84	25	31	19	193	0	0	2	0	6.41	1.39	1.80	27	.0	0			7	5	3
ELIKA	71.7	41.9	56.8		82	29+	29	2	260	0	0	4	0	6.28		1.51	12	.0	0			9	6	1
CKFORD	71.8	42.8	57.3		82	26+	30	2	248	0	0	3	0											

CLIMATOLOGICAL DATA

ALABAMA
APRIL 1962

CONTINUED

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max	Min	32° or Above	32° or Below					32° or Below	0° or Below	Total	Max Depth on Ground	Days	10 or More	50 or More	100 or More
LIVINGSTON	74.5M	47.8	61.2M		84	25+	35	16+	156	0	0	0	0	2.83	.86	26	.0	0		5	3	0			
MARION JUNCTION 2 NE	73.5	48.2	60.9		85	24	34	17	167	0	0	0	0	3.19	1.25	12	.0	0		6	3	1			
MINTER 3 NW	72.1	46.8	59.5		84	26+	37	16	194	0	0	0	0	4.64	1.01	12	.0	0		9	4	1			
MONTGOMERY WB AP	72.7	47.7	60.2	- 4.5	84	24	37	2	170	0	0	0	0	4.22	.86	15	.0	0		8	4	3			
SELMA	75.3	50.1	62.7	- 3.1	86	25+	38	16	124	0	0	0	0	3.44	2.31	12	.0	0		8	3	3			
TUSKEGEE 2	74.0	48.3	61.2		85	25+	36	2	153	0	0	0	0	5.59	1.66	12	.0	0		8	5	1			
UNION SPRINGS 5 S	71.8	47.8	59.8	- 5.3	83	26+	36	2	187	0	0	0	0	5.34	.05	2.10	12	.0	0	10	2	1			
DIVISION			60.5	- 4.6										3.91	1.24		.0								
COASTAL PLAIN																									
ANDALUSIA 1 NW	74.3	46.8	60.6		84	29+	35	2	166	0	0	0	0	6.84	2.87	12	.0	0		6	5	2			
ATHORE STATE FARM	76.2	49.9	63.1		89	28	37	2	118	0	0	0	0	6.66	2.70	12	.0	0		6	5	2			
BRANTLEY	74.7	46.5	60.6		86	24	34	2	169	0	0	0	0	6.24	2.55	12	.0	0		8	3	2			
BREWTON 3 SSE	77.7	47.8	62.8	- 2.4	86	28+	36	8	117	0	0	0	0	8.72	2.86	4.43	12	.0	0	5	4	2			
CAMOEN 3 NNW	76.2	47.8	62.0		89	24	37	16+	142	0	0	0	0	5.03	1.71	27	.0	0		5	4	2			
CHATAM	77.0	46.6	61.8		86	28+	33	2	142	0	0	0	0	5.75	1.65	27	.0	0		6	4	3			
CLAYTON	76.8M	47.4M	62.1M		87	28	37	9+	119	0	0	0	0	7.36	1.82	2.00	12	.0	0		8	6	3		
OOTHAN FAA AIRPORT	75.3M	50.6M	63.0M		86	24+	41	2	110	0	0	0	0	8.01	3.29	3.39	15	.0	0		6	5	2		
ENTERPRISE	75.7	50.0	62.9		85	24	41	16	112	0	0	0	0	6.43	1.90	12	.0	0		6	5	3			
EUFULA	74.8	47.4	61.1	- 5.1	86	26	37	8	154	0	0	0	0	7.03	1.52	2.52	12	.0	0		8	4	2		
EVERGREEN	75.0M	47.7M	61.4M		87	25+	36	2	148	0	0	0	0	6.09	2.31	12	.0	0		9	3	2			
EVERGREEN FAA AIRPORT	74.5	46.8	60.7		85	28	34	2	164	0	0	0	0	6.15	1.40	11	.0	0		8	5	3			
FRISCO CITY	73.9	48.6	61.3		85	24	37	16+	153	0	0	0	0	7.07	1.21	2.58	12	.0	0		9	4	2		
GENEVA	75.7	49.6	62.7		86	24	38	2	119	0	0	0	0	8.30	2.87	3.69	12	.0	0		6	4	3		
GILBERTOWN	77.0	45.4	61.2		87	28	32	2	165	0	0	1	0	2.68	.84	9	.0	0		5	2	0			
GREENVILLE	76.0	49.3	62.7	- 3.5	85	28	36	2	121	0	0	0	0	5.53	.01	2.03	12	.0	0		9	3	1		
HEADLAND	74.0	49.4	61.7		86	26	40	2	139	0	0	0	0	8.48	2.50	15	.0	0		8	6	2			
HIGHLAND HOME	72.3	48.0	60.2	- 5.6	83	25	34	2	174	0	0	0	0	6.24	1.92	12	.0	0		8	5	1			
LOCKHART	74.5	49.9	62.2		85	29	36	2	133	0	0	0	0	8.81	3.39	12	.0	0		8	5	2			
NATCHEZ	75.5	45.2	60.4		85	24	32	2	174	0	0	1	0	5.72	1.43	12	.0	0		10	4	2			
OZARK 6 NNW	74.3	46.0	60.2	- 6.7	85	26+	37	3+	174	0	0	0	0	6.83	1.67	2.84	12	.0	0		8	5	2		
PHENIX CITY 2 NNW	70.9	46.7M	58.8M		83	26	37	17+	206	0	0	0	0	7.13	1.89	12	.0	0		9	6	2			
PUSHMATAHA	74.3M	45.7M	60.0M	- 4.2	84	26+	34	2	186	0	0	0	0	2.45	.88	12	.0	0		7	2	0			
SEALE	74.5	44.9	59.7		85	25	31	2	183	0	0	1	0	7.45	2.04	12	.0	0		8	4	3			
THOMASVILLE	73.7	46.8	60.3	- 4.8	85	29	34	16+	173	0	0	0	0	4.89	2.00	27	.0	0		8	3	1			
TROY	74.1	49.2	61.7	- 3.8	83	25+	37	2	141	0	0	0	0	7.25	1.71	2.55	12	.0	0		8	4	3		
WHATLEY	76.3	45.9	61.1		85	28	33	2	155	0	0	0	0	4.73	1.34	12	.0	0		8	3	2			
DIVISION			61.3	- 4.6										6.45	.82		.0								
GULF																									
BAY MINETTE	75.6	51.1	63.4		87	28	38	2	112	0	0	0	0	7.67	3.80	12	.0	0		6	4	3			
CITRONELLE	76.1	49.0	62.6	- 4.5	85	28+	33	2	132	0	0	0	0	5.10	.89	1.70	12	.0	0		7	4	2		
COOEN	74.6	52.8	63.7		85	26	37	16	104	0	0	0	0	5.51	2.28	12	.0	0		4	3	3			
FAIRHOPE	74.8	52.2	63.5	- 3.3	85	28+	38	2	100	0	0	0	0	5.20	.81	2.52	12	.0	0		6	2	2		
FORT MORGAN	71.1	58.7	64.9		80	27+	48	16	74	0	0	0	0	4.15	2.30	11	.0	0		3	3	2			
MOBILE WB AIRPORT	74.2	50.8	62.5	- 4.2	86	28+	38	2	131	0	0	0	0	6.86	1.76	3.20	11	.0	0		6	4	3		
MOBILE	73.4	55.2	64.3		86	29	43	16	88	0	0	0	0	8.20	5.55	12	.0	0		8	3	2			
ROBERTSDALE 1 E	74.0M	51.0M	62.5M		85	29	38	2	113	0	0	0	0	5.92	3.79	12	.0	0		4	2	2			
DIVISION			63.4	- 3.6										6.08	.03		.0								

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 P. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BIRMINGHAM WB AIRPORT	SSW	12	11.2	43	W	15	73	82	49	46	1	1	3	3	1	0	9	70	5
HUNTSVILLE WB AIRPORT	SE	13	9.5	27++	W	16+	69	79	45	44	4	6	2	2	0	0	14	-	5
MOBILE WB AIRPORT	S	14	12.7	43++	NNW	3	81	84	51	59	0	3	2	1	2	1	9	-	4
MONTGOMERY WB AIRPORT	SW	12	8.4	37	W	17	80	86	52	56	2	0	4	4	0	0	10	71	4

See Reference Notes Following Station Index

DAILY PRECIPITATION

 ALA
APRIL

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	
JASPER 4 N	4.31			.19		T				.95		1.10	.04		.28																.62	1.13
JORDAN DAM	6.84	.22			.31			.20			.67	.57		1.56	1.62															.78	1.04	
LAFAYETTE	6.05		.61			.10						1.22		1.57															.61	.78		
LAY OAM	4.05				.34			.10				.57	1.58		.07														.41	1.54		
LEES OAM	4.56	.09		T	.33							.79	1.02			T		.38														
LEESBURG	4.29	.34			.07							.72	1.25	.05															.70	.95		
LIVINGSTON	2.83			.25		.06						.15	.80																.86			
LOCKHART	8.81	.37			.11	T		.90				.52	3.39		2.48																	
LOUISVILLE	7.71	1.46			.05		.33	.36				.95	2.31		.38																.19	
MAJESCA	3.10	.43				.02				.79	.09		.85	.02															.23	1.17		
MAGELLA	4.76	.08			.01					.01		.84	1.13	.04															.35	2.00		
MARION 1 N	4.02	*			.40	*		.20				.02	2.02																.06	1.34		
MARION JUNCTION	3.71	.08			.30		.05	.11				.70	1.28																.25	.90		
MARION JUNCTION 2 NE	3.19	.02		.24			.15			.52		.02	1.25	.03															.34	.62		
MARTIN OAM	6.41		.31			.16				.74			1.24		1.22														.94	1.80		
MATHEWS 1 SSW	5.28	.87			.30		.18	.26	T		.52	1.83																	T	.45	.42	
MELVIN	2.68	.06			.28	*		.41				.86	.81																.32	.26		
MERTZ PONDVILLE TOWER	3.40	*			.40							.43	1.49																	.70		
MILLERS FERRY	4.57	.36	T		.12	T	.02	.27	T			.62	1.29	T																	1.39	
MILSTEAD	6.98	.54			.33		.09	.28				.56	1.96																1.22	.78		
WINTER 3 NW	4.64	.40			.23		.11	.22				.73	1.01																		.90	
MITCHELL OAM	4.11	.05			.38		.01	.12				.47	1.63	.01																	1.20	
MOBILE WB AIRPORT	6.86			.04		.90				1.30		3.20	1.04																.06	.10		
MOBILE	8.20	T						1.15	T		.10	.90	5.55																.10	.10		
MONTE SANDO	2.96	.36		.01		.11				.02	1.13		.82	.19															.10	.12		
MONTEVALLO	4.38	.04			.50			T			.70	1.57	T																.70	.74		
MONTGOMERY WB AP	4.22	T		.21		.32		.57			.57	.77	.43	T															.48	.50		
MOULTON	2.16	.12			.04		.10			.45	.25	.68	.03																.30	.23		
MOULTON 2	2.04			.04		.10				.74		.64	T																.28	.23		
MUSCLE SHOALS FAA AP	2.28	T		.08		T		.72	T			.43	.75	T														.23	T	.06		
NATCHEZ	5.72	.48			.15		.44	.27			1.06	1.43																		.19	.58	
NEWBURG 2 NE	3.49	.20		.21		1.40	*	.41			.81	.98																	.06	.13		
NEW MARKET	2.78	.62			.05	.40		.32	.50			.75	.26																.10	.09		
NEW MARKET 2	2.33	.10			.10			T	.88			1.05															.15					
NEWTON	7.62	.13				T	.50			.25		1.87			2.60																	
ONEONTA	4.72	.21			.11			.96	.96	.05			.05																.42	1.60		
OPELIKA	6.28	.60			.46		.06	.35	T		.72	1.51			.69	.57													T	.42	.90	
ORRVILLE	3.13	.40			.29	*		.23			.70	1.09																		T	.72	
OZARK 6 NNW	6.83	.60			.12		.04	.60			.46	2.84																		.86	.19	
PAINT ROCK 2 N	3.10	.40						.99	.97	.03			.03																.24	.31		
PALMERDALE 2 W	4.51	.10			.20						1.04	.85																	.92	1.40		
PELL CITY 1 NNE	4.60	.06			.27						1.02	1.16	.11																.50	1.48		
PERRYVILLE	3.55	*			.27	.06	.15			.45		1.56			.13	T													.66	.27		
PHENIX CITY 2 NNW	7.13	1.31			.35	.03	.29		.02	.57	1.89		.84	.18															T	.92	.73	
PICKENSVILLE	4.33				.36			.96	.09			.85	T																.86	1.21		
PINE HILL	3.85	*		.20		.30				.80	1.05			*															*	1.50		
PINE LEVEL	5.86	.38			.27	.35	.28		.04	.86	1.94		T	.07															.90	.65		
PLANTERSVILLE 2 SSE	3.41			.74							1.22	T																	.40	1.05		
PLEASANT GROVE SCHOOL	3.45	.35	T		.15			.10	.90			.10	.40																.05	.10		
PRATTVILLE	4.83	.04	.19			.31		.49			1.65		1.26																.69	.20		
PRIMROSE FARM	4.84	.03		.35	*	*		.70	T		1.48		.50	.77															.48	.53		
PUSHMATAHA	2.45	.10		.08	.13			.63	.88			.05	.16	.26															.16	.26		
RAINSVILLE	3.87	.32	.01	.22				.02	.84	1.00	.08		.27																.65	.46		
RED BAY	3.72	.15			.10			1.16	.50	1.16	.10		.10																.30	.15		
REDSTONE ARSENAL	1.90		.06		.03		.31	.05	.41	.54			.02	T														.09	.05	.35		
REFORM	4.98	.02	T	.33	T		.96	.11	1.09																				1.10	1.37		
RIVER FALLS	7.00	.13		.07	.10	.68		.02	.06	3.19	.37	.04																		T	.57	
ROBERTSDALE 1 E	5.92	.65		.03	1.26		.02	.06																						.40	.50	
ROCKFORD	4.35	.60			.60			.65	1.50			.70																			.70	
ROCK MILLS	4.99	.04		.36		.04		.78	1.14				.31	.73																1.51	.08	
RUSSELLVILLE	2.18	.22			.06		.45	.27	.75	.09			.09																.20	.11		
RUSSELLVILLE 2	2.11	.15	.07		.07		.58	.11	.74	.07			.07																.20	.12		
SAINT BERNARD	4.05	.04	T	.19	.01	T		.89	T	.88	1.00	T	.22	T															.85	.87		
SANO MT STATE FARM A U	4.02	.11		.12		.87		.33		1.33			.02	.10																.53	1.04	
SAYRE	5.09	.09		.07	.20		.83	1.40	.14					.10															.93	1.33		
SCOTTSBORO	3.39	.19		.02		.02	.79	.90	.39				.55																.21	.32		
SCOTTSBORO SUBSTA	3.27	.12		.01	.05	T	.01	.88	.46				.24																.21	.41		
SEALE	7.45	.04	.15		.47	.05	.72		2.04			1.88	.17																1.61	.32		
SELMA	3.44	.08		.19	.10	.20	T	.54	.94			.39																	.28	.62	.08	
SHOEMAKER SPRINGS	3.01	.74		.04	.10		.07	.81	1.15	.11																						
SLOCOMB	10.17			.12		.84		.48	3.22			.76	4.05																			

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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	
BERTVILLE 2 SE	MAX	64	63	64	57	58	73	51	60	57	64	50	68	61	56	74	78	73	62	67	71	78	75	76	82	74	78	71	71	74	66		
	MIN	37	32	45	35	40	41	35	34	41	39	32	35	41	39	40	35	34	34	38	43	48	55	54	59	61	54	51	51	38	38		
EXANDER CITY 6 NE	MAX	68	74	70	63	77	75	66	64	70	69	74	70	65	76	83	78	71	70	76	79	79	81	83	80	77	82	77	85	85			
	MIN	42	30	46	33	32	45	31	33	49	45	32	49	45	32	59	36	33	31	33	43	50	46	46	62	57	45	38	39				
ICEVILLE	MAX	66	60	72	57	64	72	52	67	65	70	60	70	62	65	70	78	60	70	70	78	81	82	82	84	84	81	81	78	75			
	MIN	40	34	44	39	39	44	29	31	43	44	37	43	44	40	44	34	34	34	36	44	45	58	60	62	59	52	45	46	48			
DALUSIA 1 NW	MAX	77	63	72	74	65	77	60	67	70	72	67	72	73	68	79	74	64	74	72	76	82	81	82	84	83	84	78	79	84			
	MIN	48	35	50	43	38	47	39	39	48	40	39	47	42	39	53	40	38	41	41	44	50	49	53	60	63	65	64	54	47			
NISTON FAA AIRPORT	MAX	58	69	57	62	76	55	65	61	69	57	74	64	63	77	82	61	68	68	76	80	80	82	84	82	81	78	73	80	72			
	MIN	38	36	43	35	36	43	31	35	49	41	33	48	42	39	43	38	37	34	39	49	54	51	60	59	66	61	52	48	43			
HIGHLAND	MAX	70	67	63	60	75	73	63	63	67	64	74	67	61	74	79	74	67	66	74	78	76	80	82	81	81	78	77	78	69			
	MIN	40	35	45	36	34	45	30	37	49	42	33	42	44	35	52	35	36	39	37	45	49	50	57	58	57	58	54	47	40			
MENS 2	MAX	66	56	63	64	66	55	61	57	69	51	68	60	59	75	78	58	61	65	73	78	78	80	82	84	79	70	77	75				
	MIN	35	33	39	34	40	27	34	40	39	34	40	43	37	55	35	36	30	35	49	55	56	55	58	61	54	51	42	36	42			
MORE STATE FARM	MAX	69	71	74	62	76	71	67	71	76	74	71	67	67	76	76	74	76	80	83	79	80	84	84	83	81	81	89	83	83			
	MIN	46	37	48	42	43	47	42	43	51	41	45	51	43	43	61	38	46	47	42	48	53	54	57	64	67	68	67	57	52			
BURN 3 SW	MAX	75	59	68	66	62	76	52	68	62	69	62	73	71	64	76	78	62	70	71	76	78	80	82	83	84	72	78	80	71			
	MIN	44	30	43	35	35	47	40	48	50	46	36	45	46	36	50	37	35	35	37	46	50	45	52	60	61	63	65	51	45			
BANKHEAD LOCK AND DAM	MAX	69	63	68	55	63	76	52	65	62	70	59	73	63	64	77	79	62	68	88	77	80	80	80	80	81	80	75	80	72			
	MIN	40	33	43	38	37	39	32	36	43	44	35	41	46	38	41	35	36	33	39	44	49	51	55	61	64	56	55	45	43			
CAYMINETTE	MAX	65	72	75	69	74	68	70	74	78	67	69	68	72	75	76	67	76	79	80	81	77	80	82	82	81	75	86	87	80			
	MIN	47	38	48	43	45	44	42	40	55	42	45	55	44	47	61	39	45	50	46	52	55	55	59	65	66	70	72	53	55			
LLEMINA 2 N	MAX	63	62	60	63	66	61	64	68	68	54	67	65	60	79	69	62	62	75	79	79	82	85	82	78	77	78	77	83	70			
	MIN	44	36	44	36	39	42	31	36	46	41	35	47	45	38	37	36	37	38	50	55	58	58	64	66	55	53	45	38	44			
SSEMER 4 SW	MAX	60	69	59	64	77	70	64	63	69	59	72	66	63	77	80	62	69	68	77	79	79	81	82	81	81	77	79	80	72			
	MIN	40	33	47	36	38	45	29	34	49	43	37	47	43	43	59	34	36	33	37	48	56	53	61	62	66	56	55	45	42			
BIRMINGHAM W8 AP	MAX	61	71	61	66	79	57	66	64	71	59	75	65	63	79	83	64	69	69	76	79	79	82	84	81	81	75	76	80	70			
	MIN	41	37	46	39	43	38	33	41	49	45	41	49	46	44	43	37	39	35	40	49	57	58	62	63	66	55	54	47	43			
ANTLEY	MAX	78	62	72	76	63	78	53	69	71	75	66	73	74	68	78	64	74	74	77	82	81	81	86	85	84	78	83	83	74			
	MIN	48	34	44	42	36	51	42	36	47	42	41	48	45	38	55	38	37	40	37	42	50	47	52	61	64	68	67	49	48			
EMTOW 3 SSE	MAX	68	74	78	66	79	71	69	73	78	74	73	72	70	77	79	75	77	78	79	85	80	83	86	85	85	78	85	86	83	85		
	MIN	50	40	48	44	38	49	42	36	47	40	39	53	45	40	63	40	38	43	37	42	48	49	53	62	66	68	68	48	49			
EDGEPORT 2 W	MAX	66	64	61	62	70	65	62	62	67	61	69	68	61	75	80	63	62	65	73	77	75	81	83	80	81	77	84	77	70			
	MIN	38	32	44	37	38	42	28	31	46	41	31	47	43	32	59	35	39	34	35	45	57	56	58	62	63	56	51	40	32			
LERA 2 SW	MAX	66	70	69	64	78	75	65	64	66	69	76	68	64	77	80	67	68	69	78	79	79	82	81	83	80	79	87	80	76			
	MIN	41	32	48	36	35	47	30	35	40	44	36	49	45	35	60	34	35	32	35	44	52	50	57	59	66	56	50	45	41			
MOEN 3 NNW	MAX	63	75	75	65	80	71	70	70	75	63	75	67	69	80	69	75	75	80	85	80	83	85	89	86	80	80	83	75	83			
	MIN	44	37	47	39	42	46	38	40	49	42	41	50	42	43	62	37	41	43	40	46	52	56	61	61	66	61	65	50	46			
MCP HILL 2 NW	MAX	72	67	71	61	61	75	51	65	62	67	62	72	68	70	75	78	63	69	68	72	75	77	80	78	79	82	75	75	80			
	MIN	44	34	36	34	35	36	35	39	47	44	35	37	41	40	63	35	41	35	36	46	46	48	51	58	58	63	59	47	41			
NITRE 5 SW	MAX	66	58	66	55	61	72	53	64	62	68	55	72	62	60	77	81	61	66	65	75	79	80	85	85	82	82	77	69	78			
	MIN	41	34	39	37	35	46	28	31	35	44	33	44	46	33	36	37	38	35	34	46	53	50	52	59	61	62	53	48	39			
NINTREVILLE	MAX	68	64	70	58	66	78	53	69	65	72	65	75	67	70	78	82	65	74	73	81	82	81	86	86	85	84	80	82	84			
	MIN	42	33	40	38	35	45	32	38	42	46	38	45	46	36	46	36	38	34	36	42	49	50	59	64	67	58	58	45	44			
BATON	MAX	66	74	74	69	79	72	71	73	76	72	74	64	72	78	83	68	76	77	83	82	80	82	86	85	84	76	85	86	80			
	MIN	44	33	44	40	38	46	37	37	53	37	39	52	41	40	63	35	41	40	37	42	45	54	58	59	67	61	65	50	47			
CHILDERSBURG WTR PLANT	MAX	67	70	62	63	78	76	65	64	70	64	74	72	62	77	81	79	70	69	74	79	80	82	83	83	82	80	80	78	82			
	MIN	43	34	49	37	37	48	31	34	36	45	35	50	47	37	60	36	31	34	37	45	56	52	61	60	62	60	56	48	42			
TRONELLE	MAX	64	68	75	75	78	68	69	72	78	69	71	66	71	76	82	68	78	79	81	81	78	81	84	83	82	76	85	79	82			
	MIN	42	33	44	39	45	46	40	41	53	37	43	49	39	45	59	34	41	45	46	52	53	57	59	63	62	69	66	59	54			
ANTON	MAX	70	58	70	59	62	75	50	65	63	70	60	69	65	64	76	78	62	68	69	75	78	78	80	79	83	81	77	77	80			
	MIN	41	32	41	37	41	47	34	35	43	44	36	44	45	36	46	35	40	35	37	42	52	50	57	60	64	62	58	46	43			
AYTON	MAX	76	74	72	72	77	76	75	76	71	72	72	75	77	76	76	69	72	76	74	79	78	80	79	80	80	85	82	87	78			
	MIN	37	37	38	43																												

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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	
FALKVILLE	MAX 38	56	65	60	62	74	54	65	68	60	55	71	61	60	76	80	60	63	73	76	72	77	81	83	80	77	74	77	75	67	69.0	
FAYETTE	MAX 36	71	60	64	77	62	67	65	67	62	73	65	67	77	79	62	67	70	80	81	82	84	85	84	83	80	77	80	74	85	73.0	
FORT MORGAN	MAX 51	65	70	63	71	65	65	68	72	66	65	70	64	71	73	70	69	70	72	74	73	74	75	74	77	80	80	78	73	78	71.1	
FRISCO CITY	MAX 44	62	71	73	65	77	51	67	70	76	67	72	66	68	76	80	65	74	75	79	82	78	81	85	84	84	74	81	83	76	73.9	
GAOSEN GAS PLANT	MAX 40	66	60	61	75	65	62	60	66	55	71	67	59	76	79	63	65	66	74	77	77	82	84	81	81	76	70	77	69	80	70.1	
GAINESVILLE	MAX 42	60	72	60	64	80	52	67	67	71	58	71	62	65	78	80	64	70	70	79	82	81	82	84	84	83	76	76	80	72	71.9	
GENEVA	MAX 73	64	73	79	65	78	62	70	69	76	69	72	79	70	78	73	66	76	78	79	82	82	80	86	85	84	80	85	79	75.7		
GILBERTOWN	MAX 42	75	72	68	82	77	70	69	75	69	74	63	71	79	84	69	75	78	82	84	82	82	86	85	84	78	84	87	77	83	77.0	
GREENSBORO	MAX 63	73	63	67	79	69	70	65	72	65	71	65	67	77	80	65	71	72	79	81	78	80	82	83	82	76	81	84	76	81	73.8	
GREENVILLE	MAX 46	73	72	64	80	72	69	68	74	73	75	70	67	79	82	74	74	74	78	84	80	80	83	83	84	78	81	85	79	80	76.0	
GUNTERSVILLE	MAX 34	65	59	61	74	67	65	64	62	57	69	54	66	75	76	65	66	65	73	76	78	84	84	80	78	76	78	76	79	70.5		
HALEYVILLE	MAX 64	64	67	59	63	72	56	63	58	67	57	69	64	62	77	79	58	64	67	79	85	80	82	84	81	80	77	77	77	77	70.3	
HAMILTON	MAX 63	57	68	62	62	72	57	63	60	67	58	70	57	63	75	77	64	67	78	80	78	81	82	80	79	73	76	75	71	69.5		
MAYNEVILLE	MAX 76	66	65	64	65	63	64	67	65	63	64	74	70	66	78	80	42	44	72	73	75	74	78	81	84	80	81	81	80	82	72.5	
MEAOLANO	MAX 73	62	71	76	62	76	61	70	70	75	67	72	75	67	76	75	62	72	73	77	77	79	80	84	84	86	79	82	83	75	74.0	
MEFLIN	MAX 69	67	65	66	75	72	65	61	67	66	72	72	65	77	80	70	67	67	75	76	78	84	84	82	80	82	79	84	83	84	73.8	
HIGHLAND HOME	MAX 76	60	71	72	62	77	50	66	66	75	63	75	70	65	70	60	62	73	71	73	81	80	78	82	83	82	75	80	81	70	72.3	
HUNTSVILLE W8 AP	MAX 57	64	61	63	69	55	62	61	68	52	71	61	60	78	80	60	64	67	76	80	80	84	88	84	80	72	78	77	69	85	70.2	
JASPER 4 N	MAX 61	71	60	67	79	66	65	61	69	60	73	64	64	80	83	64	68	71	78	83	82	84	83	84	83	75	80	80	72	84	73.1	
LAFAYETTE	MAX 43	64	65	34	40	45	66	62	66	63	70	72	65	76	79	68	69	69	73	75	76	81	81	81	81	74	72	80	69	80	72.1	
LIVINGSTON	MAX 62	74	66	66	81	48	68	67	73	60	72	62	67	78	83	66	73	72	80	82	81	82	84	84	84	76	79	83	72	83	74.5	
LOCKMART	MAX 74	64	71	75	65	76	60	67	70	76	68	73	74	70	75	73	65	74	76	78	82	79	78	84	82	82	79	83	85	77	74.5	
MAOISON	MAX 66	56	64	59	67	68	56	64	59	67	53	70	62	60	75	78	58	62	66	73	73	78	82	84	81	78	71	77	76	69	68.6	
MARION JUNCTION 2 NE	MAX 61	71	64	62	79	68	68	64	72	63	71	64	65	79	82	63	71	71	79	82	80	82	84	85	83	78	78	81	73	81	73.5	
MARTIN OAM	MAX 66	71	66	61	77	72	64	63	69	66	71	71	62	75	80	70	71	68	73	75	77	80	79	82	84	78	75	80	76	80	72.7	
MINTER 3 NW	MAX 76	58	71	68	62	77	50	67	67	73	62	73	66	65	78	80	63	71	70	78	82	79	80	80	84	84	71	77	80	72	72.1	
MOBILE W8 AIRPORT	MAX 63	70	76	69	72	64	68	70	74	68	64	70	68	72	79	65	75	77	79	78	75	77	81	80	82	77	86	86	80	80	74.2	
MOBILE	MAX 75	66	66	75	70	71	54	68	70	78	70	69	68	65	72	80	68	77	80	80	76	75	73	75	76	77	77	85	86	79	73.4	
MONTGOMERY W8 AP	MAX 61	71	68	62	77	62	68	64	72	64	73	69	66	77	78	62	71	71	74	80	76	80	81	84	83	72	81	81	72	80	72.7	
MOULTON 2	MAX 56	66	60	64	69	58	63	59	67	54	70	64	60	77	79	60	63	66	76	80	80	82	84	82	79	76	75	70	83	69.9		
MUSCLE SHOALS FAA AP	MAX 55	65	60	62	66	57	62	55	67	53	68	60	57	75	77	58	61	65	73	79	81	81	84	81	80	70	77	75	69	85	68.6	
NATCHEZ	MAX 65	73	72	65	78	71	68	69	75	69	72	67	69	78	82	67	74	75	79	82	77	81	83	85	84	81	82	84	76	81	75.5	
NEW MARKET 2	MAX 61	63	61	63	68	58	61	61	67	55	69	64	63	79	78	61	63	72	76	76	84	82	77	75	78	77	77	81	81	81	70.4	
ONEONTA	MAX 66	58	67	55	62	74	51	63	58	66	55	70	63	60	71	81	60	65	67	80	81	78	82	83	81	81	75	76	78	69	69.2	
OPELIKA	MAX 75	62	71	67	64	72	50	69	64	68	66	70	71	65	67	80	63	69	70	78	77	80	81	79	81	82	75	82	82	75	71.7	
OZARK 6 NNW	MAX 75	62	72	76	62	79	59	69	70	73	65	73	71	68	77	80	63	73	74	76	80	78	80	85	84	85	79	82	83	75	74.3	
PELL CITY 1 NNE	MAX 69	57	66	55	62	77	52	63	61	68	57	72	64	62	76	81	68	67	75	79	79	84	81	82	81	81	76	73	88	70	70.1	
PHENIX CITY 2 NNW	MAX 74	61	68	69	61	75	52	67	63	64	64	73	72	64	75	74	61	69	69	73	75	77	80	80	81	83	72	74	80	72	70.9	
	MIN	38	35	50	37	40	45	30	39	47	43	39	46	43	39	53	34	38	33	39	46	52	58	61	62	64	66	55	51	54	48.6	
	MIN	40	32	46	37	36	46	31	32	49	43	33	46	46	35	60	36	38	34	37	50	57	52	55	59	64	59	53	49	41	44.3	
	MIN	42	38	49	39	43	48	32	45	46	45	41	45	47	45	53	36	43	41	41	49	50	51	62	64	67	59	58	50	49	49	47.8
	MIN	73	64	73	79	65	78	62	70	69	76	69	72	79	70	78	73	66	76	78	79	82	82	80	86	85	84	80	85	79	75.7	
	MIN	51	38	48	42	40	55	42	40	50	43	43	52	52	42	56	42	48	44	47	53	51	53	61	64	69	68	55	51	50	49.6	
	MIN	66	75	72	68	82	77	70	69	75	69	74	63	71	79	84	69	75	78	82	84	82	82	86	85	84	78	84	87	77	83	77.0
	MIN	42	32	41	37	37	47	35	37	42	35	40	53	41	40	63	33	37	35	38	41	44	55	60	62	69	61	65	47	47	46	45.4
	MIN	63	73	63	65	79	69	70	65	72	65	71	65	67	77	80	65	71	72	79	81	78	80	82	83	82	76	81	84	76	81	73.8
	MIN	44	36	50	39	43	40	35	41	51	45	41	50	49	44	51	35	41	41	42	50	53	54	61	63	63	56	61	52	49	51	47.7
	MIN	66	73	72	64	80	72	69	68	74	73	75	70	67	79	82	74	74	74	78	84	80	80	83	83	84	78	81	85	79	80	76.0
	MIN	46	36	46	63	40	49	62	48	53	43	43	51	44	42	62	37	40	45	41	48	53	53	53	60	65	69	51	51	51	49.3	
	MIN	66	65	59	61	74	67	65	64	62	57	69	54	66	75	76	65	66	65	73	76	78	84	84	80	78	76	78	76	79	70.5	
	MIN	34	37																													

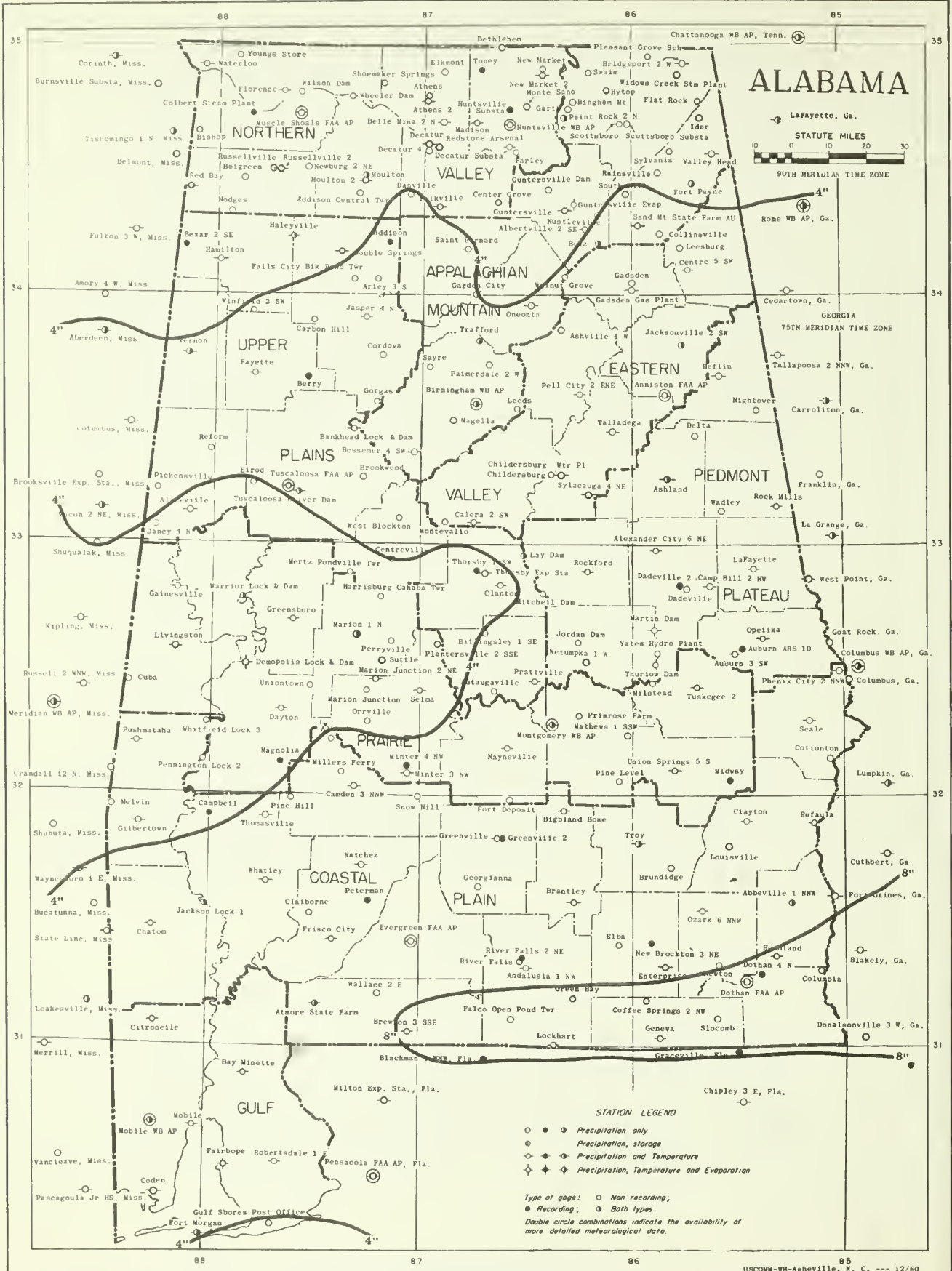
DAILY TEMPERATURES

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	65	73	65	64	79	66	69	65	72	67	72	69	68	79	78	65	73	74	77	82	81	83	82	86	86	80	82	85	77	82	74.9
	MIN	45	35	45	40	39	47	37	42	53	45	42	53	41	40	61	38	43	40	41	47	54	51	57	59	61	65	66	53	51	47	47.9
PUSHMATAHA	MAX	70	61	74	67	65	81	50	67	68	74	74	72						75	77	80	82	81	83	84	84	84	70	80	83	72	74.3
	MIN	41	34	42	39	38	43	37	38	45	36	38	46						39	37	41	52	51	61	63	66	59	58	47	45	47	45.7
RED BAY	MAX	62	56	66	61	63	67	56	62	58	65	56	70	55	63	75	76	59	62	67	75	80	80	82	83	80	77	72	77	75	73	68.4
	MIN	36	36	43	35	34	41	34	34	40	40	37	46	42	44	50	32	30	37	41	47	57	57	60	62	64	54	52	51	42	42	44.0
ROOSTONE ARSENAL	MAX	55	63	63	60	69	55	63	63	66	53	69	62	57	75	77	58	61	63	72	77	77	80	82	80	78	72	76	75	68	80	68.3
	MIN	38	30	40	36	37	34	30	34	46	34	34	46	38	36	41	37	38	33	37	49	49	57	61	64	65	52	50	45	35	42	42.3
ROBERTSDALE 1 E	MAX	76		70	72	68	72	61	69	70	75	68	70	69	68	74	73	66	73	78	79	78	75	79	81	80	81	82		85	79	74.0
	MIN	49	38	51	44	43	57	43	43	54	44	44	51	44	44	58	39	45	54	47	48	53	50	57	65	67	68	70		56	54	51.0
ROCKFORD	MAX	69	60	70	65	66	77	55	67	66	68	61	73	66	70	75	81	60	68	70	72	80	80	81	81	82	82	77	77	81	73	71.8
	MIN	43	30	42	35	33	45	36	37	46	44	35	44	45	34	50	35	31	32	35	43	48	44	47	58	64	60	59	45	43	42	42.8
ROCK MILLS	MAX	67	69	66	63	75	73	67	63	67	70	72	68	65	76	79	75	69	69	77	77	76	81	82	83	82	81	77	81	77	80	73.6
	MIN	43	31	43	35	33	47	39	33	48	45	32	49	45	33	58	35	33	31	35	46	45	44	61	55	62	64	55	48	42	40	43.7
RUSSELLVILLE 2	MAX	63	56	65	60	63	67	56	60	66	57	55	69	57	60	74	75	57	62	66	78	79	79	81	82	80	78	71	78	79	70	68.1
	MIN	37	33	34	31	34	41	29	36	41	40	33	36	36	34	46	33	32	29	33	39	54	56	60	64	64	52	52	53	40	41	41.4
SAINT BERNARD	MAX	67	65	57	70	61	77	52	62	67	69	54	73	61	59	78	83	60	64	65	80	83	79	84	82	81	82	71	75	77	68	70.2
	MIN	38	34	49	45	36	42	36	34	33	34	34	39	45	36	47	35	32	35	37	47	55	55	58	63	63	54	52	46	38	43	43.2
SAND MT STATE FARM A U	MAX	62	62	60	58	73	62	60	58	63	58	68	63	56	73	78	72	62	61	71	75	75	81	83	81	78	75	72	73	65	78	68.5
	MIN	37	33	48	34	39	41	31	32	46	39	32	45	47	33	57	34	36	35	39	47	55	53	56	59	62	54	50	46	35	44	43.3
SCOTTSBORO	MAX	67	55	63	60	60	70	55	61	60	65	52	69	65	59	75	78	72	61	64	72	75	75	82	83	80	79	75	75	69	69	68.4
	MIN	40	32	39	36	35	37	29	29	35	46	34	37	45	34	35	36	41	34	37	37	46	57	56	62	66	57	53	44	37	37	41.4
SEALE	MAX	66	70	72	63	78	71	69	66	71	68	74	77	65	78	75	69	71	70	75	77	78	82	83	83	85	78	80	81	78	81	74.5
	MIN	45	31	44	38	35	43	43	36	47	45	37	52	47	35	59	39	34	33	36	43	45	45	48	58	58	65	65	52	45	43	44.9
SELMA	MAX	63	73	68	63	79	77	69	65	74	67	73	70	67	78	81	68	72	72	79	81	80	82	83	86	86	80	81	83	78	82	75.3
	MIN	45	39	51	42	42	49	39	43	55	47	44	52	50	43	62	38	44	44	43	49	55	54	61	63	65	66	66	52	50	50	50.1
SYLACAUGA 4 NE	MAX	62	68	64	63	76	69	65	64	70	63	73	67	62	77	81	66	69	68	75	78	78	82	82	81	82	78	74	80	73	82	72.4
	MIN	43	31	46	36	35	47	31	33	51	45	34	49	47	36	60	35	33	31	35	46	56	50	60	59	67	59	56	44	40	41	44.5
TALLAPOEGA	MAX	62	67	56	61	77	68	63	62	69	57	74	68	62	78	83	64	68	68	73	79	79	83	84	82	83	77	71	74	70	81	71.6
	MIN	42	31	45	33	34	47	37	33	47	45	34	48	46	36	60	35	34	35	36	45	54	49	58	60	63	58	55	45	42	41	44.3
TOMASVILLE	MAX	73	61	73	69	65	80	52	67	69	73	65	72	62	69	78	80	66	75	75	78	83	80	82	84	84	84	71	80	85	75	73.7
	MIN	42	34	44	38	42	47	39	42	48	36	42	45	40	44	54	34	41	42	40	47	51	56	62	62	66	59	59	51	48	50	46.8
TORSBY EXP STATION	MAX	60	69	60	61	74	70	65	63	69	60	70	62	64	75	78	76	68	69	75	78	78	80	80	82	81	77	76	79	72	80	71.7
	MIN	41	37	46	37	41	45	40	39	50	43	37	47	45	39	60	36	38	39	41	46	54	54	60	60	66	58	58	52	46	46	46.7
TROY	MAX	63	71	72	62	77	67	68	68	72	69	73	72	67	75	75	69	73	72	76	80	77	78	83	83	83	77	82	82	78	78	74.1
	MIN	45	37	47	39	43	43	41	45	46	44	43	50	46	45	61	38	41	46	48	51	52	53	56	62	60	67	66	56	50	54	49.2
USCALOOSA FAA AIRPORT	MAX	60	72	60	64	79	57	68	64	71	60	73	62	66	77	80	64	70	71	77	81	80	82	82	82	83	78	79	81	72	82	72.6
	MIN	40	36	48	39	40	39	33	41	50	46	39	51	46	41	45	38	37	36	39	46	53	56	64	66	67	60	57	50	47	49	46.6
USCALOOSA OLIVER DAM	MAX	68	59	70	55	62	77	53	66	66	70	60	74	62	66	77	80	63	69	69	79	81	80	81	82	84	84	79	78	79	72	71.5
	MIN	41	35	40	37	38	41	32	31	42	44	38	40	45	40	45	35	36	35	40	42	52	52	55	61	63	57	54	48	45	45	43.6
USKEGEE 2	MAX	66	70	69	63	75	74	68	64	71	68	72	71	65	77	80	70	71	71	75	78	79	81	82	85	85	76	80	82	73	80	74.0
	MIN	45	36	44	38	40	45	41	43	52	46	40	51	47	42	62	39	40	41	43	50	53	50	54	60	63	66	66	54	49	49	48.3
UNION SPRINGS 5 S	MAX	75	60	70	64	64	77	60	61	61	67	67	72	62	65	75	76	62	71	70	74	79	79	81	81	83	83	76	81	80	78	71.8
	MIN	44	36	39	38	38	48	39	44	45	45	47	49	48	47	53	38	40	48	40	45	52	53	54	60	61	66	60	62	48	47	47.8
VALLEY HEAD	MAX	66	54	61	60	58	72	53	61	60	65	51	68	63	57	75	80	56	60	64	71	74	75	81	85	80	78	75	71	74	68	67.2
	MIN	38	28	38	28	30	38	25	30	35	41	27	36	43	30	44	32	27	26	33	33	43	48	48	58	58	57	48	40	31	37	37.7
VERNON	MAX	67	61	72	61	65	78	67	68	62	68	62	71	60	62	76	79	63	68	71	79	81	81	83	85	83	81	79	80	80	73	72.2
	MIN	38	34	43	35	39	44	29	36	45	42	39	44	41	40	51	33	33	31	36	45	51	59	62	63	65	57	54	45	43	45	44.1
WATERLOO	MAX	56	60	66	59	64	65	58	62	66	52	56	67	58	68	75	75	62	61	67	75	81	79	81	83	80	78	71	72	77	71	68.2
	MIN	32	34	33	32	38	42	26	35	40	41	33	47	45	41	42	33	37	30	34	52	60	61	63	65	67	57	50	52	42	45	43.6

TOTAL PRECIPITATION

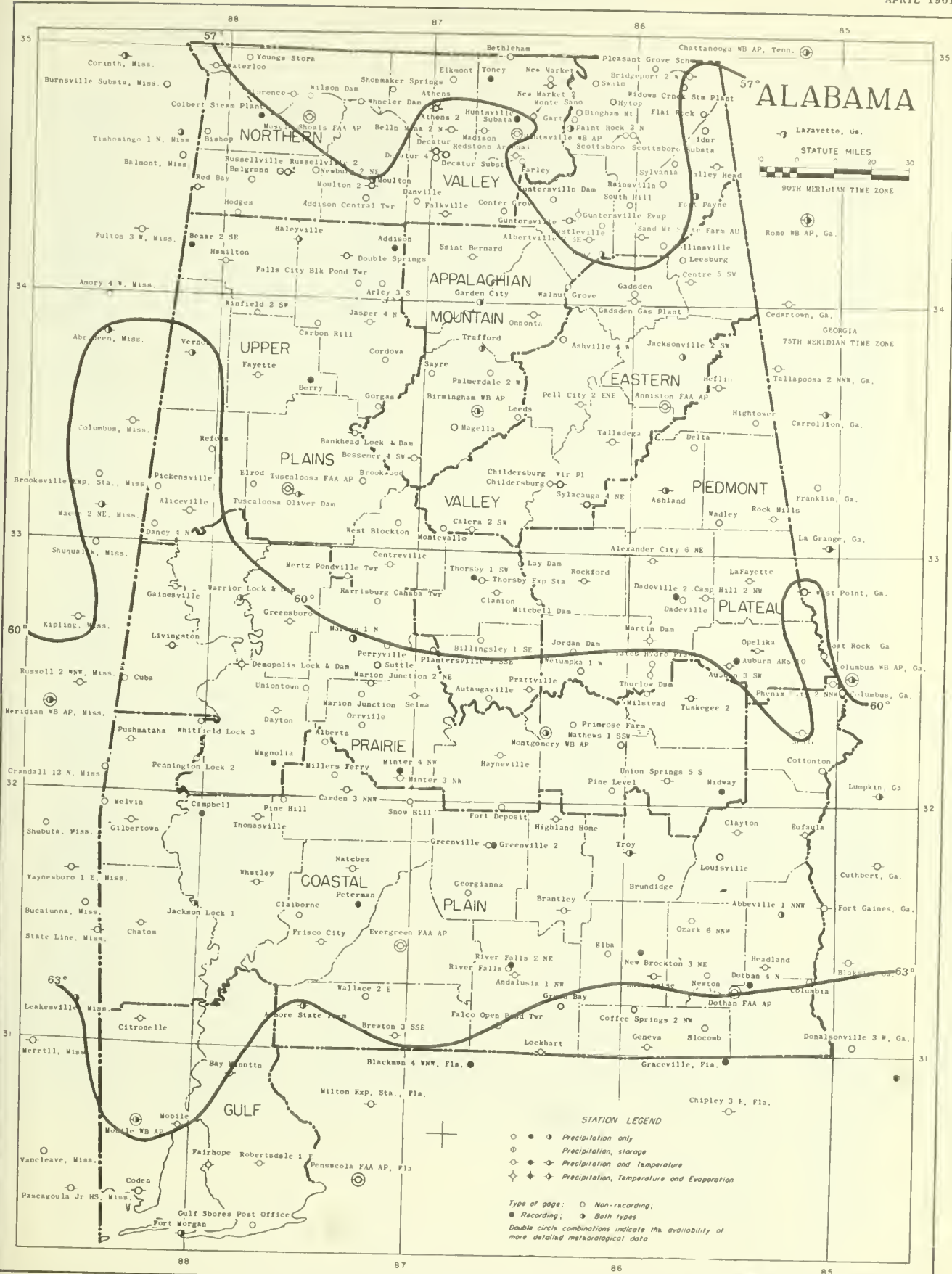
ALABAMA
APRIL 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
APRIL 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

USCOMM-WB-Asheville, N. C. 12/60

REFERENCE NOTES

Additional information regarding the climats of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Tables and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

O 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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

MAY 1961
Volume 67 No. 5



ALABAMA - MAY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 20th at Geneva

Lowest Temperature: 32° on the 3rd at Valley Head

Greatest Total Precipitation: 7.56 inches at Seale

Least Total Precipitation: 0.61 inch at Centreville

Greatest One-Day Precipitation: 3.45 inches on the 23rd at Decatur 4

CLIMATOLOGICAL DATA

ALABAMA
MAY 196

CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max	Min	10 or More	50 or More					100 or More	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
LIVINGSTON	82.2	57.1	69.7		90	31+	42	28	30	3	0	0	0	1.79		.71	26	.0	0		5	1	0	
MARION JUNCTION 2 NE	80.1	57.5	68.8		88	31	43	27	34	0	0	0	0	1.56		.55	9	.0	0		4	1	0	
MINTER 3 NW	81.6M	56.2M	68.9M		89	31	42	27	27	0	0	0	0	1.40		.55	9	.0	0		3	1	0	
MONTGOMERY WB AP	80.7	56.7	68.7	- 3.8	89	31+	43	28	28	0	0	0	0	1.80	- 1.66	.73	1	.0	0		4	2	0	
SELMA	82.9	58.6	70.8	- 2.7	90	31+	42	27	21	4	0	0	0	2.50	- 1.50	1.36	26	.0	0		4	2	1	
TUSKEGEE 2	82.1	58.4	70.3		92	31	44	27	22	4	0	0	0	3.38		1.54	1	.0	0		6	2	1	
UNION SPRINGS 5 S	81.0M	56.7M	68.9M	- 4.0	87	21	46	28+	27	0	0	0	0	2.93	- .50	.98	2	.0	0				2	0
DIVISION			69.4	- 3.7										1.89	- 1.75			.0						
COASTAL PLAIN																								
ANDALUSIA 1 NW	82.2	55.8	69.0		91	20+	41	28	33	4	0	0	0	3.50		1.31	25	.0	0		4	3	2	
ATMORE STATE FARM	83.8	59.0	71.4		92	31+	46	27	18	4	0	0	0	2.39		.92	26	.0	0		4	2	0	
BRENTLEY	82.6	55.2	68.9		92	20	41	28	36	4	0	0	0	2.82	- 1.33	.90	2	.0	0		5	3	0	
BREWTON 3 SSE	85.0	55.6	70.3	- 2.3	93	23+	40	28	23	10	0	0	0	2.75	- 1.87	.83	25	.0	0		5	3	0	
CAMDEN 3 NNW	83.3	57.2	70.3		91	31+	42	28	27	6	0	0	0	1.97		.81	9	.0	0		3	2	0	
CHATAM	84.3	56.1	70.2		91	31+	40	28	22	4	0	0	0	2.26		.67	25	.0	0		4	3	0	
CLAYTON	82.4M	56.8M	69.6M		94	17	42	28	29	2	0	0	0	5.17	- 1.02			.0	0					
DOTHAN FAA AIRPORT	82.8	60.4	71.6		93	19	48	27	16	5	0	0	0	3.06	- .31	1.30	9	.0	0		5	2	1	
ENTERPRISE	82.9M	59.5M	71.2M		91	19	47	27	16	4	0	0	0	4.36		1.41	9	.0	0		5	4	1	
EUFULA	81.5M	56.4M	69.0M	- 4.9	91	19	46	29+	32	2	0	0	0	7.00	2.80	2.00	24	.0	0		8	5	2	
EVERGREEN	83.9	58.1	71.0		94	20	45	28	25	9	0	0	0	1.94		.74	9	.0	0		4	2	0	
EVERGREEN FAA AIRPORT	82.2	56.6	69.4		91	31+	42	28	24	3	0	0	0	1.92		.65	9	.0	0		6	1	0	
FRISCO CITY	82.1	58.4	70.3		91	20	43	27	32	2	0	0	0	2.38	- 1.86	.86	26	.0	0		5	2	0	
GENEVA	84.5	58.7	71.6		95	20	46	28	15	10	0	0	0	2.84	- 1.23	.73	9	.0	0		7	3	0	
GILBERTOWN	86.0	55.0	69.5		92	18	39	28	28	6	0	0	0	3.99		1.67	25	.0	0		4	2	2	
GREENVILLE	82.7	58.5	70.6	- 3.3	93	18	45	27	19	4	0	0	0	2.57	- 1.82	.71	26+	.0	0		5	2	0	
HEADLAND	82.7	59.2	71.0		92	20	46	27	16	4	0	0	0	4.10		1.55	10	.0	0		8	2	1	
HIGHLAND HOME	79.8	57.7	68.8	- 4.6	90	19	44	27	38	1	0	0	0	2.99	- .95	.93	2	.0	0		5	4	0	
LOCKHART	83.1	59.5	71.3		93	20	46	27	19	2	0	0	0	3.08		1.31	9	.0	0		4	3	1	
NATCHEZ	82.6	54.9	68.8		92	19	38	28	32	3	0	0	0	4.30		1.30	24	.0	0		6	4	1	
OZARK 6 NNW	82.0	56.3	69.2	- 5.0	92	20	44	28	39	4	0	0	0	3.26	- .99	1.14	24	.0	0		7	3	1	
PHENIX CITY 2 NNW	79.7	57.9	68.8		88	20	44	27	33	0	0	0	0	4.88		1.55	2	.0	0		7	3	2	
PUSHMATAHA	82.2	55.5	68.9	- 2.9	89	19+	40	28	46	0	0	0	0	3.08	.09	1.60	21	.0	0		4	2	1	
SCALE	82.2	54.7	68.5		89	19	42	3	25	0	0	0	0	7.56		2.73	1	.0	0		8	4	3	
THOMASVILLE	81.2	57.0	69.1	- 3.7	90	20+	42	27	43	2	0	0	0	1.97	- 2.45	.83	9	.0	0		5	1	0	
TROY	81.8	59.2	70.5	- 2.8	90	31+	45	27	21	4	0	0	0	3.44	- .75	1.10	25	.0	0		5	4	1	
WHATLEY	83.5	55.2	69.4		91	31+	40	28	23	3	0	0	0	3.00		1.04	26	.0	0		6	3	1	
DIVISION			69.9	- 3.6										3.43	- .77			.0						
GULF																								
BAY MINETTE	82.6	61.5	72.1		91	19+	46	27	15	4	0	0	0	5.98		2.35	9	.0	0					
CITRONELLE	83.5	60.5	72.0	- 2.2	89	31+	46	27	13	0	0	0	0	4.01	- 1.20	2.03	9	.0	0		7	2	1	
CODEN	82.8	61.7	72.3		90	31	48	10	5	1	0	0	0	6.27		2.45	26	.0	0		7	3	3	
FAIRHOPE	82.8	61.9	72.4	- 1.8	90	19	49	28+	7	1	0	0	0	4.92	- .09	1.61	26	.0	0		7	4	2	
FORT MORGAN	79.5	68.1	73.8		86	31+	54	27	2	0	0	0	0	3.40		1.61	9	.0	0		4	4	2	
MOBILE WB AIRPORT	83.4	61.2	72.3	- 1.1	92	19	49	27+	7	3	0	0	0	4.62	- .02	1.45	9	.0	0		8	3	2	
MOBILE	81.2	64.4	72.8		90	31+	50	27	9	2	0	0	0	6.31		1.55	9	.0	0		7	5	3	
ROBERTSDALE 1 E			M													1.73	26	.0	0					
DIVISION			72.5	- 1.8										5.07	.08			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation						Total	Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over			
BIRMINGHAM WB AIRPORT	N	13	8.4	45	S	8	79	84	53	53	0	2	7	0	0	0	9	67	6.4
HUNTSVILLE WB AIRPORT	NNW	15	7.1	28++	WSW	8	80	84	51	52	2	4	2	3	2	0	13	-	6.6
MOBILE WB AIRPORT	S	11	9.6	32++	NW	26	86	87	55	65	2	1	5	1	2	0	11	-	5.9
MONTGOMERY WB AIRPORT	SSW	8	4.5	32	NW	9	86	91	59	64	2	3	2	2	0	0	9	66	5.9

DAILY TEMPERATURES

ALABAMA
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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			
BERTVILLE 2 SE	MAX	78	65	66	79	76	84		82	80	64	64	72	73	80	82	82	72	83	76	80	81	79	73	77	77	64	72	78	86		75.9		
	MIN	57	45	41	48	55	62		63	51	49	52	55	55	59	62	54	49	60	62	60	62	54	46	58	60	39	43	48	52		53.6		
LEXANDER CITY 6 NE	MAX	77	73	77	83	87	85		86	84	79	69	65	76	86	87	85	82	86	86	84	85	87	86	82	81	78	73	70	78	85	86	89	81.2
	MIN	49	50	36	42	50	62		57	64	60	50	49	56	51	52	62	50	44	53	58	57	61	57	60	49	58	61	40	37	42	49	47	52.0
LICEVILLE	MAX	82	70	68	70	75	82		84	88	82	70	70	74	76	79	87	88	79	81	86	84	88	86	82	85	89	79	70	80	85	86	88	80.4
	MIN	56	52	39	46	54	62		61	62	48	47	49	58	60	61	63	51	50	53	60	61	64	66	65	58	59	62	40	40	51	58	59	55.5
NOALUSIA 1 NW	MAX	80	81	73	76	82	90		90	87	86	70	69	69	80	85	86	80	84	87	91	91	86	83	88	86	83	82	77	71	81	85	88	82.2
	MIN	52	54	46	49	54	62		61	62	61	49	49	56	51	57	65	55	48	53	59	59	62	63	68	62	64	45	41	49	53	60	55.8	
ANNISTON FAA AIRPORT	MAX	70	70	76	82	87	84		86	84	73	69	68	74	83	87	84	78	87	84	82	84	84	81	74	79	77	70	68	80	81	84	88	79.3
	MIN	53	43	37	45	57	62		59	61	57	53	56	55	57	57	64	52	48	61	62	59	61	60	55	47	58	49	41	42	48	51	52	53.6
ATMENS 2	MAX	78	72	65	70	77	85		85	85	83	64	65	74	76	81	83	80	72	82	80	79	80	82	75	73	76	80	68	65	75	80	83	76.5
	MIN	56	41	37	51	51	61		61	60	54	49	53	49	51	55	63	52	48	57	57	54	58	63	55	44	53	60	38	38	47	49	48	52.0
BETHPAGE STATE FARM	MAX	79	75	79	86	87	89		87	86	80	69	67	79	84	89	84	86	88	91	92	90	89	88	89	82	83	82	71	80	86	89	92	83.8
	MIN	52	58	51	53	58	66		67	67	57	48	53	55	54	63	66	58	53	57	66	64	65	64	69	64	61	64	46	47	55	60	62	59.0
BURNING WOOD 3 SW	MAX	80	78	74	80	83	85		84	84	84	72	72	63	78	83	87	85	80	84	87	88	86	88	87	79	81	82	72	72	78	83	88	80.9
	MIN	52	52	43	47	56	64		59	61	60	49	54	55	53	54	63	53	48	58	59	58	63	58	62	54	63	60	43	44	46	55	53	54.8
BENTLEY LOCK AND DAM	MAX	81	70	70	73	80	86		84	85	83	68	68	70	77	82	85	85	77	83	85	83	83	87	80	83	70	67	77	84	86	86	78.9	
	MIN	59	48	38	47	51	62		63	66	57	52	54	56	56	56	61	51	50	54	58	58	61	61	55	49	55	63	43	41	46	53	56	54.0
BAY MINETTE	MAX	77	76	80	86	85	90		86	83	75	70	71	79	82	86	80	84	88	91	91	86	88	86	87	82	83	78	72	76	85	87	90	82.6
	MIN	59	59	54	56	60	70		67	68	57	48	56	60	62	67	68	59	62	62	68	67	68	67	70	66	66	65	46	50	51	65	63	61.5
BATTLE MOUNTAIN 2 N	MAX	68	67						87	84	80	65	76	76	84	85	82				82	83	84	77	72	77	82	79	66	77	82	85	87	78.8
	MIN	43	40	51					66	66	56	51	53	54	57	58	64	54	50	58	59	57	54	58	56	46	56	56	40	42	49	55	50	53.5
BUNNELL 4 SW	MAX	74	68	73	81	86	84		85	83	77	67	69	77	82	86	85	77	85	85	83	83	87	84	75	81	81	71	67	79	84	87	89	79.8
	MIN	57	48	38	46	61	64		63	66	58	50	54	55	58	56	70	51	49	54	61	58	63	61	60	47	60	59	42	37	46	52	48	54.6
BIRMINGHAM W8 AP	MAX	68	70	74	80	86	83		85	82	69	67	69	75	81	85	87	77	84	84	83	83	87	84	74	80	82	72	69	78	86	88	90	79.4
	MIN	57	45	41	50	58	65		65	66	55	50	53	54	59	58	64	53	51	58	63	61	62	60	52	48	62	47	42	45	52	58	55	55.2
BRANTLEY	MAX	81	82	76	77	85	89		88	88	86	70	70	67	78	83	89	85	84	86	91	92	90	85	89	90	83	81	71	71	80	86	89	82.6
	MIN	52	57	46	45	52	58		68	63	62	50	55	55	52	55	63	53	47	52	58	58	61	66	67	62	62	53	44	41	47	52	54	55.2
BREWTON 3 SSE	MAX	83	75	80	88	90	90		88	88	78	70	67	83	88	91	84	87	87	91	93	90	90	90	93	84	87	79	71	83	87	89	91	85.0
	MIN	55	51	47	47	51	63		64	63	60	50	50	55	50	58	64	57	47	52	57	60	61	60	68	63	62	66	46	40	49	53	54	55.6
BRIDGEPORT 2 W	MAX	71	70	76	78	74	81		85	86	81	67	75	74	83	85	85	75	83	81	82	84	82	75	77	79	78	73	70	76	83	86	88	78.8
	MIN	54	46	35	46	47	49		63	65	60	51	54	49	51	54	62	49	45	62	59	58	57	55	55	43	51	56	38	38	44	52	46	51.2
CALERA 2 SW	MAX	76	70	74	83	86	84		86	85	78	67	63	77	81	87	86	80	85	88	85	88	90	89	79	82	80	71	70	78	87	88	90	81.1
	MIN	57	49	36	44	51	60		59	66	58	51	54	54	52	54	68	49	45	52	58	55	63	58	58	50	59	60	41	36	44	50	47	52.8
CAMDEN 3 NNW	MAX	80	75	79	85	90	89		90	88	80	70	65	82	86	89	91	83	88	90	85	86	89	81	77	83	73	71	80	86	89	91	83.3	
	MIN	57	55	43	43	55	65		65	65	59	49	55	52	56	62	70	54	60	54	63	60	65	66	68	61	63	62	43	42	51	55	56	57.2
CAMP HILL 2 NW	MAX	79	72	72	77	83	86		86	85	83	75	67	66	78	86	90	86	81	87	86	86	85	87	86	77	86	78	71	72	80	86	87	80.8
	MIN	46	47	38	43	82	86		53	58	59	46	51	53	56	60	64	56	45	48	58	52	56	58	58	50	53	60	37	39	40	47	50	51.1
CENTRE 5 SW	MAX	80	69	70	75	80	85		82	87	84	67	69	72	75	83	85	85	77	86	79	83	85	85	78	73	79	73	68	68	77	82	85	78.3
	MIN	52	49	37	45	52	56		52	61	59	52	55	57	56	57	63	55	48	51	58	59	60	63	56	47	61	41	41	47	53	49	53.2	
CENTREVILLE	MAX	84	75	74	79	85	89		87	88	86	76	72	67	80	85	87	88	83	88	90	89	88	91	87	83	83	87	79	78	82	90	91	83.6
	MIN	54	52	38	46	50	58		60	66	60	50	55	55	52	50	61	50	48	52	60	59	62	60	60	54	61	67	39	38	45	52	49	53.6
CHATOM	MAX	80	77	80	86	88	88		88	85	77	72	75	82	86	91	84	85	88	91	91	89	86	89	88	84	86	74	74	82	87	89	91	84.3
	MIN	56	56	44	47	51	64		68	65	57	44	50	57	46	61	69	53	49	52	63	61	63	65	69	61	63	43	40	47	53	55	56.1	
CHILDERSBURG WTR PLANT	MAX	77	70	74	80	87	86		87	86	81	69	69	77	83	87	86	85	86	86	84	84	87	85	83	80	78	73	68	78	84	87	88	81.1
	MIN	59	50	38	45	52	62		61	65	60	53	56	54	56	55	70	56	55	65	63	60	64	61	60	47	61	43	40	47	53	50	54.4	
CHITRONELLE	MAX	77	74	80	86	86	86		87	85	76	72	75	81	86	89	85	89	87	89	89	87	87	86	89	82	77	71	81	86	88	89	83.5	
	MIN	60	58	52	61	58	68		66	68	57	47	51	58	58	65	60	57	59	64	67	66	66	66	68	64	66	65	46	50	57	63	64	60.5
CLANTON	MAX	80	7																															

DAILY TEMPERATURES

ALABAMA
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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
	MAX MIN																														
FAYETTE	74	71	76	81	87	86	86	81	66	69	74	79	84	87	86	85	87	86	84	88	85	81	80	86	78	70	78	85	89	89	
	59	47	40	51	54	63	62	68	55	48	48	56	58	68	67	52	52	55	61	60	61	62	60	49	60	63	42	54	46	51	
FLORENCE	69	68	71	75	87	84	83	82	79	67	75	76	82	87	79	76	81	84	56	81	83	75	71	72	78	72	65	76	84	85	
	60	37	38	48	53	61	65	67	49	46	50	49	56	57	69	50	49	50	61	56	57	62	51	50	41	56	39	37	42	55	
FORT MORGAN	78	71	78	78	79	80	80	81	75	72	74	76	79	79	78	76	81	85	86	84	84	84	84	83	80	72	76	79	85	86	
	64	63	62	63	67	72	71	72	63	57	60	67	67	72	72	71	71	72	71	76	75	74	75	69	75	67	54	61	65	70	
FRISCO CITY	82	78	76	78	85	87	87	88	86	70	69	66	80	85	89	83	85	87	90	91	88	82	87	86	83	81	73	70	80	84	
	56	56	50	52	58	65	65	68	57	48	49	53	56	64	67	55	53	56	65	63	64	66	68	62	63	61	43	47	54	59	
GAOSDEN GAS PLANT	76	68	73	77	85	81	85	82	79	68	70	74	82	85	85	80	85	80	81	85	87	82	80	75	69	65	76	81	80	85	
	52	49	35	48	54	59	59	63	59	50	54	57	56	54	65	51	47	54	61	59	60	56	57	44	59	40	39	45	46	52	
GAINESVILLE	83	75	70	75	81	88	87	86	83	69	69	70	82	85	88	87	78	84	89	87	85	88	87	80	78	81	73	69	79	86	
	56	54	44	52	54	60	68	68	57	48	52	55	56	61	70	54	53	56	65	60	65	66	67	57	61	64	44	43	49	56	
GENEVA	84	76	77	81	88	91	90	89	87	71	69	69	80	85	90	86	89	89	93	95	94	91	90	92	83	78	77	75	82	87	
	52	58	50	58	56	62	60	65	62	52	54	59	54	58	68	52	54	58	63	64	64	66	69	62	66	67	47	46	52	57	
GILBERTOWN	78	75	78	86	90	90	88	87	78	71	75	83	85	91	88	85	88	92	91	89	87	88	88	78	60	76	72	80	88	89	
	55	56	41	65	60	66	67	67	57	47	48	52	52	59	69	51	48	52	60	59	67	63	66	62	45	64	44	39	47	52	
GREENSBORO	78	73	79	83	87	87	87	85	75	72	65	78	84	88	86	81	87	88	89	87	89	86	81	76	83	71	72	80	86	90	
	58	53	44	53	57	64	66	66	57	51	54	53	58	61	70	50	52	57	66	62	65	65	63	59	62	60	41	46	53	58	
GREENVILLE	80	73	78	87	90	86	87	87	75	68	64	80	84	89	84	84	87	93	92	87	85	88	87	78	78	73	71	82	86	89	
	55	56	50	53	57	54	63	66	61	51	54	55	55	61	67	58	55	61	63	63	67	65	68	60	74	64	64	45	54	61	
GUNTERSVILLE	79	67	74	77	84	87	83	80	73	64	74	74	76	82	83	80	82	82	81	83	82	83	73	76	77	78	72	76	81	86	
	57	44	39	45	54	61	63	50	41	48	38	39	50	56	48	51	47	56	62	60	59	56	57	46	56	56	42	42	49	54	
HAMILTON	81	71	68	72	81	85	78	83	79	63	66	73	77	83	79	76	83	85	81	81	86	82	70	78	84	67	65	74	83	85	
	55	43	39	51	54	64	61	66	53	47	47	51	55	58	53	51	55	58	57	55	62	55	49	55	60	37	38	45	47	49	
HAYNEVILLE	80	80	74	76	79	83	87	86	86	71	69	62	70	75	87	84	81	83	89	87	87	89	88	86	87	87	79	77	80	81	
	49	55	46	50	56	61	60	56	61	50	53	55	56	57	57	56	52	57	63	62	63	63	62	64	63	63	49	47	58	57	
HEAOLANO	80	78	77	82	85	90	87	88	81	69	71	67	78	83	87	87	85	87	91	92	90	87	89	88	78	81	76	78	78	85	
	60	59	50	52	60	62	63	62	60	50	54	56	56	56	66	61	53	63	63	62	65	66	68	64	66	66	46	49	55	60	
HEFLIN	71	72	84	81	75	85	85	84	82	70	67	73	80	85	84	82	85	85	89	90	84	82	88	81	77	73	68	77	81	85	
	47	46	43	40	52	56	67	55	59	51	52	54	52	52	58	48	44	52	57	57	58	56	57	41	52	58	34	40	47	44	
HIGHLAND HOME	81	80	71	73	82	87	86	86	89	69	67	60	79	83	86	82	80	84	90	87	83	85	87	80	77	76	71	67	78	83	
	54	54	50	52	51	60	63	64	61	50	53	55	50	56	64	58	55	57	64	64	65	65	67	62	63	64	44	47	52	59	
HUNTSVILLE WB AP	68	65	71	80	88	83	88	86	63	66	79	77	86	87	84	73	84	78	79	81	82	80	72	79	81	68	65	78	81	84	
	53	45	39	53	56	62	66	60	53	51	54	55	57	58	59	55	51	59	61	58	60	59	54	48	55	46	41	51	57	51	
JASPER 4 N	72	68	73	78	88	83	87	84	74	74	74	77	84	85	86	77	84	81	82	83	87	84	73	80	85	71	67	78	85	86	
	54	46	35	46	47	56	60	64	55	50	51	55	51	51	63	50	48	52	60	56	56	59	57	46	56	58	38	35	42	50	
LAFAYETTE	78	71	75	79	85	83	84	82	76	71	64	72	80	85	83	80	83	87	82	87	88	87	75	79	74	70	66	75	82	85	
	55	50	43	50	54	62	61	62	60	49	55	56	53	58	63	55	50	60	63	61	64	61	60	50	63	60	41	43	50	58	
LIVINGSTON	79	71	77	82	87	87	86	84	75	70	72	82	83	88	88	80	85	90	88	87	88	89	81	74	86	74	70	78	87	90	
	60	55	43	51	56	66	66	69	56	47	50	54	57	62	69	52	53	56	65	62	65	64	67	59	60	59	43	42	50	55	
LOCKHART	82	80	75	79	86	87	86	85	85	70	69	69	80	86	88	85	86	88	87	93	89	86	88	90	84	84	80	72	82	87	
	62	58	51	53	57	66	61	67	62	50	53	59	55	61	68	60	55	58	62	65	66	65	69	66	65	66	46	47	54	57	
MADISON	82	68	65	71	77	85	79	84	82	64	65	77	75	82	83	83	72	81	78	82	83	78	72	76	81	64	66	75	81	83	
	58	44	39	52	54	60	59	66	55	50	54	54	57	58	64	51	50	59	60	57	58	64	56	46	56	66	40	41	49	56	
MARION JUNCTION 2 NE	75	72	76	80	86	84	87	86	77	68	63	77	81	86	84	80	83	87	87	83	86	86	81	75	82	70	69	72	84	87	
	56	54	45	52	56	64	62	65	59	50	54	57	58	60	69	57	52	56	64	63	65	65	65	62	63	62	43	42	51	57	
MARTIN OAM	77	71	75	82	86	85	86	85	77	68	64	75	82	85	85	82	85	86	86	84	85	87	81	80	80	72	70	77	83	86	
	53	55	50	50	54	61	58	55	52	54	47	56	53	55	65	55	58	58	60	62	64	60	63	59	62	63	50	46	48	55	
MINTER 3 NW	80	78	77	78	83	87	87	85	82	70	68	67	80	83	88	85	80	85	88	87	86	87	81	82	80	70	81	84	89	81	
	52	55	46	51	51	60	62	64	58	50	53	54	56	58	61	54	56	55	55	62	66	66	64	64	64	42	44	50	55	58	
MOBILE WB AIRPORT	81	72	80	83	82	85	86	84	75	75	77	79	82	87	79	88	87	90	92	89	89	87	89	84	84	82	74	79	86	89	
	63	59	54	56	62	71	67	65	53	49	52	60	58	68	67	62	60	63	68	69	69	67	66	64	68	58	49	50	57	61	
MOBILE	78	78	73	81	83	79	81	79	80	73	72	77	75	78	82	79	88	86	89	90	89	87									

DAILY TEMPERATURES

ALABAMA MAY 1961

Continued

Table with columns: Station, Day Of Month (1-31), Average. Rows include: PUSHMATAHA, RED BAY, REOSTONE ARSENAL, ROBERTSDALE 1 E, ROCKFORD, ROCK MILLS, RUSSELLVILLE 2, SAINT BERNARD, SANO MT STATE FARM A U, SCOTTSBORO, SEALE, SELMA, SYLACAUGA & NE, TALLADEGA, THOMASVILLE, THORSBY EXP STATION, TROY, TUSCALOOSA FAA AIRPORT, TUSCALOOSA OLIVER OAM, TUSKEGEE 2, UNION SPRINGS 5 S, VALLEY HEAD, VERNON, WATERLOO, WHATLEY.

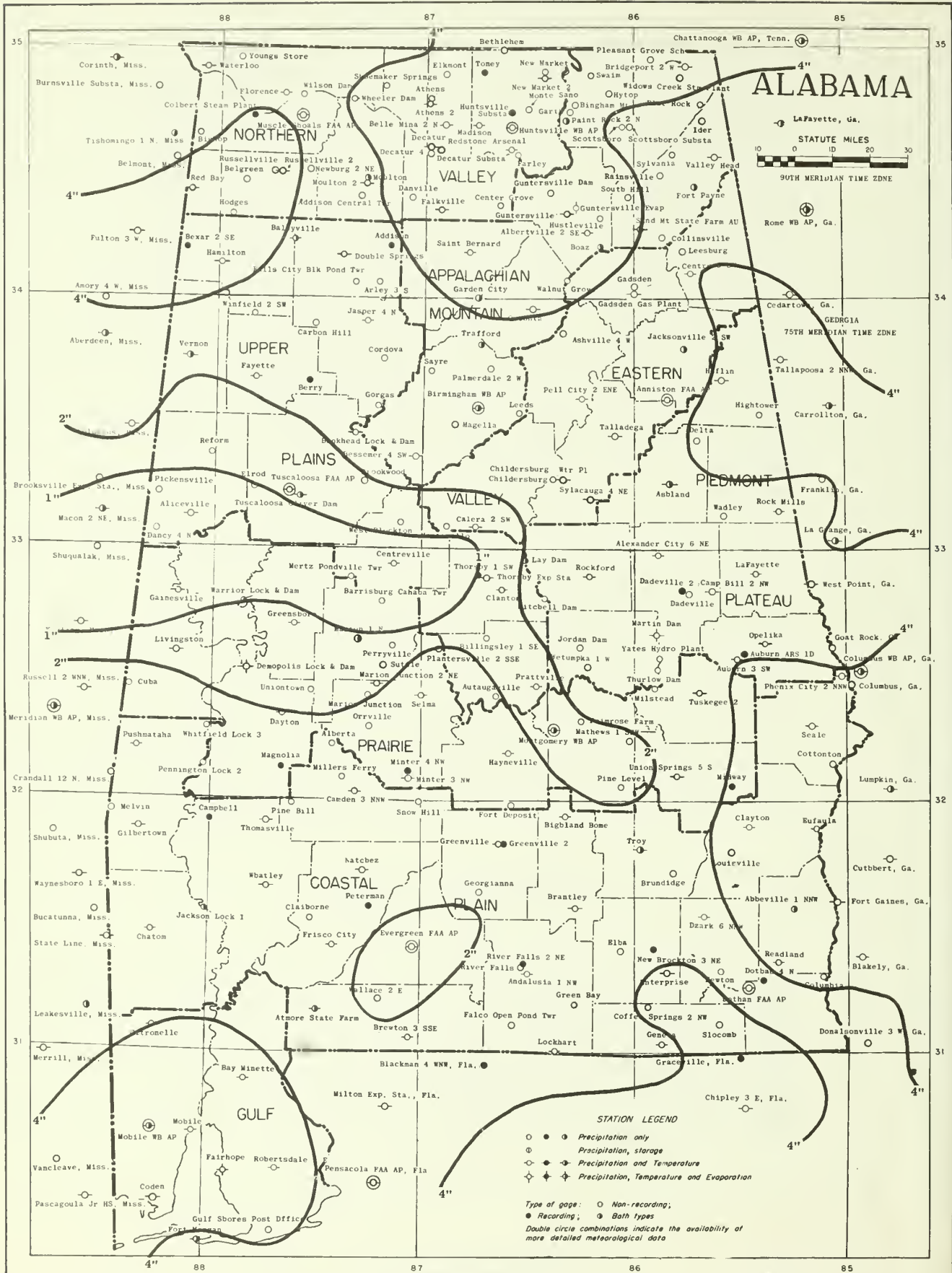
EVAPORATION AND WIND

Table with columns: Station, Day of month (1-31), Total or Avg. Rows include: DEMOPOLIS LOCK & DAM, FAIRHOPE, GUNTERVILLE EVAP, MARTIN DAM.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

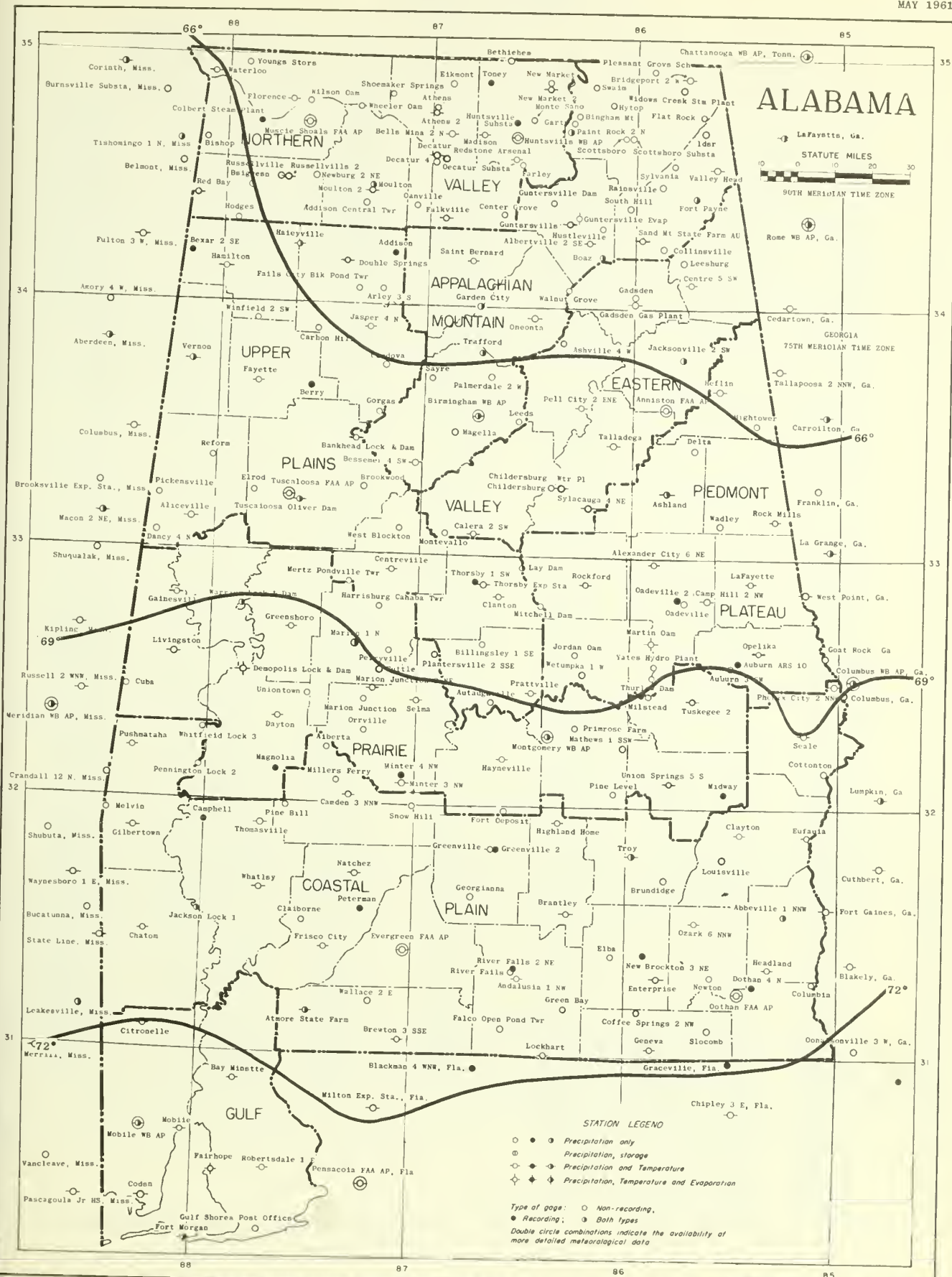
ALABAMA
MAY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
MAY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table, "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

1131 27/6
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ALABAMA

JUNE 1961

Volume 67 No. 6



ALABAMA - JUNE 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 12th at Geneva

Lowest Temperature: 47° on the 1st at Oneonta

Greatest Total Precipitation: 14.48 inches at Melvin

Least Total Precipitation: 2.84 inches at Wilson Dam

Greatest One-Day Precipitation: 6.93 inches on the 20th at Fairhope

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1961

CONTINUED

Station	Temperature											Precipitation											
	Average Minimum	Average Minimum	Average	Deviation From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Deviation From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
LIVINGSTON	85.7	M	M		94	13+			17	0	0	0	0	6.87		2.32	26		0	0	10	4	3
MARION JUNCTION 2 NE	84.5	65.2	74.9		93	9	59	17	1	10	0	0	0	10.55		3.68	21		0	0	7	6	5
MINTER 3 NW	84.9M	64.0M	74.5M		93	10+	60	28+	0	12	0	0	0	8.36		2.32	21		0	0			
MONTGOMERY WB AP	86.0	65.8	75.9	- 3.7	94	11	60	28+	1	16	0	0	0	5.10	4.41	2.67	20		0	0	7	2	2
SELMA	87.1	66.7	76.9	- 3.4	94	12+	61	28+	0	16	0	0	0	7.75	4.26	2.91	21		0	0	8	5	2
TUSKEGEE 2	86.7M	65.5M	76.1M		94	7+	60	18	0	14	0	0	0	3.98		1.75	20		0	0	8	2	1
UNION SPRINGS 5 S	85.5	65.7	75.6	- 3.9	93	12+	58	18	1	13	0	0	0	6.82	3.01	2.34	21		0	0	7	4	2
DIVISION			75.5	- 4.5										6.83	3.12				0				
COASTAL PLAIN																							
ANOLAUSIA 1 NW	86.3	62.5	74.4		95	8+	57	3	0	15	0	0	0	8.41		3.08	21		0	0	8	5	4
ATMORE STATE FARM	86.2	65.3	75.8		94	5	61	28+	0	12	0	0	0	10.83		4.75	20		0	0	11	5	3
BRANTLEY	87.0	62.5	74.8		94	14+	56	28+	1	17	0	0	0	5.86	1.66	2.68	21		0	0	7	4	1
BRENTON 3 SSE	88.1	63.2	75.7	- 3.2	96	12+	56	28+	0	16	0	0	0	5.80	4.92	1.84	21		0	0	10	7	5
CAMOEN 3 NNW	86.8	64.7	75.8		97	4	59	28	0	15	0	0	0	8.62		1.67	20		0	0	8	7	6
CHATON	86.7	63.3	75.0		95	9	55	1	0	14	0	0	0	7.89		2.58	20		0	0	12	5	2
CLAYTON	86.5M	64.5	75.5M		94	12	57	19+	1	12	0	0	0	6.73	2.71	2.87	20		0	0	8	4	2
OOTMAN FAA AIRPORT	87.5	67.1	77.3		97	12	60	18	0	14	0	0	0	5.51	1.44	2.82	20		0	0	6	4	2
ENTERPRISE	86.9M	65.8M	76.4M		95	14+	59	18+	0	13	0	0	0	6.73		2.25	20		0	0	10	4	3
EUFULA	89.1	65.5	77.3	- 3.3	96	13+	58	18	0	17	0	0	0	3.39	4.62	1.85	21		0	0	5	2	1
EVERGREEN	86.5	64.8	75.7		95	8+	60	28+	0	15	0	0	0	10.21		3.15	24		0	0	11	7	5
EVERGREEN FAA AIRPORT	85.2	64.1	74.7		94	11+	58	3+	0	10	0	0	0	12.00		2.97	24		0	0	11	8	4
FRISCO CITY	85.0	65.4	75.2		95	6	61	28+	0	11	0	0	0	9.77	4.98	1.80	21		0	0	11	6	6
GENEVA	89.7	64.9	77.3		100	12	59	6	0	20	0	0	0	6.77	2.54	4.20	21		0	0	6	4	2
GILBERTOWN	86.5	62.3	74.4		95	9	54	3	0	12	0	0	0	8.09		2.10	19		0	0	11	6	3
GREENVILLE	84.8	65.5	75.2	- 5.2	94	6+	60	22+	1	13	0	0	0	5.35	1.08	1.85	21		0	0	9	4	1
HEADLAND	87.4	65.7	76.6		95	14+	59	18+	0	14	0	0	0	5.02		2.52	21		0	0	6	4	1
HIGHLAND HOME	84.3	64.4	74.4	- 5.2	92	13+	58	17	3	11	0	0	0	7.96	3.09	2.80	13		0	0	9	5	3
LOCKHART	87.4	65.3	76.4		95	12	61	6	0	15	0	0	0	12.55		6.11	21		0	0	9	6	4
NATCHEZ	85.7	62.8	74.3		93	13+	56	28+	0	14	0	0	0	9.26		2.36	27		0	0	13	5	4
OZARK 6 NNW	87.1	64.4	75.8	- 4.3	95	12	58	18	2	14	0	0	0	6.40	1.98	2.68	21		0	0	8	5	1
PHENIX CITY 2 NNW	85.9	65.5	75.7		94	12	58	17	0	11	0	0	0	4.43		2.30	21		0	0	5	3	1
PUSHMATAHA	85.3	64.5	74.9	- 3.9	93	10	55	27	1	13	0	0	0	7.25	3.55	2.53	26		0	0	9	3	1
SEALE	87.2	62.8	75.0		95	12	56	19+	3	13	0	0	0	4.68		1.95	20		0	0	10	4	3
THOMASVILLE	85.0	64.6	74.8	- 4.8	94	10+	59	28	2	13	0	0	0	7.13	3.65	1.53	25		0	0	7	4	3
TROY	85.6	65.9	75.8	- 3.8	94	13+	59	18+	3	13	0	0	0	6.86	3.62	3.23	21		0	0	5	4	3
WHATLEY	86.4	63.1	74.8		93	13+	56	3+	0	15	0	0	0	7.51		1.60	20		0	0	10	6	3
DIVISION			75.5	- 4.4										7.59	3.28				0				
GULF																							
BAY MINETTE	85.0	66.7	75.9		90	9+	62	18	0	2	0	0	0	10.14		6.20	20		0	0	7	4	3
CITRONELLE	86.3	66.8	76.6	- 3.4	94	9	62	18+	0	9	0	0	0	9.40	4.43	5.27	20		0	0	10	5	2
COOEN	86.7	68.1	77.4		90	30+	61	28+	0	6	0	0	0	13.70		6.85	20		0	0	9	5	3
FAIRHOPE	86.8	68.2	77.5	- 2.5	90	15+	62	3	0	4	0	0	0	14.10	7.91	6.93	20		0	0	9	6	4
FORT MORGAN	84.5	73.5	79.0		89	12	66	24	0	0	0	0	0	8.45		5.80	20		0	0	5	3	2
MOBILE WB AIRPORT	86.1	57.9	77.0	- 2.6	91	6	62	2	0	7	0	0	0	13.07	6.98	6.08	20		0	0	9	6	4
MOBILE	85.7	70.5	78.1		92	1	64	18	0	4	0	0	0	8.83		4.55	20		0	0	9	5	3
ROBERTSOLA 1 E	86.3M	65.9	76.1M		92	11+	60	6+	0	6	0	0	0	14.07		3.81	25		0	0	9	6	5
DIVISION			77.2	- 3.0										11.47	5.77				0				

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.			Relative humidity averages percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset			
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99			100-199	200 and over	Total
BIRMINGHAM WB AIRPORT	SW	9	7.1	27	SW	24	84	86	60	61	7	4	5	3	1	0	20	56	6.9
HUNTSVILLE WB AIRPORT	SE	11	5.7	21++	NNW	15	87	89	56	63	3	5	6	1	1	0	16	-	6.6
MOBILE WB AIRPORT	SSW	13	7.9	28++	SSW	20	89	92	63	69	4	3	3	2	2	2	16	-	7.1
MONTGOMERY WB AIRPORT	SW	13	6.7	24	SW	14	92	94	64	70	5	6	5	0	1	1	18	51	6.9

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

CONT INUEO

Season of 1960 - 1961

ALABA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
JACKSONVILLE 2 SW							2.0						2.0
JASPER	-	-					T	T					-
JASPER 4 N													0
JORDAN OAM													0
LAFAYETTE													0
LAY OAM													0
LEEOS							T	T					T
LEESBURG								2.0					2.0
LIVINGSTON													0
LOCKHART													0
LOUISVILLE													0
MADISON							T	T	T				T
MAGELLA													0
MARION 1 N													0
MARION JUNCTION													0
MARION JUNCTION 2 NE													0
MARTIN OAM													0
MATHEWS 1 SSW													0
MELVIN													0
MERTZ PONOVILLE TOWER							T						T
MILLERS FERRY													0
MILSTEAD													0
MINTER 3 NW								-					-
MITCHELL OAM													0
MOBILE WB AIRPORT							T	T					T
MOBILE													0
MONTVALLO								T					T
MONTGOMERY WB AP							T	T					T
MOULTON 2							T	T	T				T
MUSCLE SHOALS FAA AP								T					T
NATCHEZ													0
NEW MARKET 2							T	-	T				T
NEWTON													0
ONEONTA								T					T
OPELIKA													0
ORRVILLE													0
OZARK 6 NNW								.6					.6
PALMEROALE 2 W							T	-	T				-
PELL CITY 1 NNE													-
PENNINGTON LOCK 2				-	-	-	-	-	-	-	-	-	-
PERRYVILLE													0
PHENIX CITY 2 NNW													0
PICKENSVILLE													0
PINE HILL													0
PINE LEVEL													0
PLANTERVILLE 2 SSE													0
PRATTVILLE													0
PRIMROSE FARM													0
PUSHMATAHA													0
REGO BAY							T	T					T
REOSTONE ARSENAL								T	T				T
REFORM													0
RIVER FALLS													0
ROBERTSOALE 1 E													0
ROCKFORD													0
ROCK MILLS													0
RUSSELLVILLE 2							T	-					-
SAINT BERNARD									T				-
SAND MT STATE FARM A U								1.0					1.0
SAYRE								T					T
SCOTTSBORO								T					T
SEALE													-
SELMA								T					T
SLOCOMB													0
SNOW HILL													0
SUTTLE													0
SYLACAUGA 4 NE								T	T				T
TALLAOEGA								T	T				T
THOMASVILLE								T	T				T
THORSBY EXP STATION													0
THURLOW DAM													0
TRAFFORD													0
TROY													0
TUSCALOOSA FAA AIRPORT													0
TUSCALOOSA OLIVER OAM													0
TUSKEGEE 2													0
UNION SPRINGS 5 S													0
UNIONTOWN													0
VALLEY HEAD								T					T
VERNON								.7					.7
WAOLEY													0
WALLACE 2 E													0
WALNUT GROVE													0
WARRIOR LOCK AND OAM													0
WATERLOO									.5				.5
WEST BLOCTON													0
WETUMPKA													0
WHATLEY													0
WHITFIELD LOCK 3													0
WHITFIELD 2 SW								T					T
YATES HYDRO PLANT													0

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
JUNE 1961

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	
BERTVILLE 2 SE	MAX	85	86	85	86	87	86	87	85	86	86	86	86	88	86	85	65	77	67	77	78	81	81	71	79	82							81.9
BERTVILLE 2 SE	MIN	52	54	60	64	64	62	61	67	67	64	64	64	67	68	59	55	54	55	58	59	59	55	57	57							60.2	
ALEXANDER CITY 6 NE	MAX	90	89	90	92	89	90	88	86	91	88	90	90	91	82	80	66	80	74	79	84	87	86	81	77	62	87	88	69			85.1	
ALEXANDER CITY 6 NE	MIN	52	54	53	58	61	65	58	60	64	67	64	62	64	64	66	59	57	56	57	63	66	57	54	58	64	64	62	53	62	60	60.1	
ALICEVILLE	MAX	92	91	90	90	92	91	92	91	90	92	93	91	92	93	91	87	76	71	73	78	83	88	85	86	74	78	84	86			86.4	
ALICEVILLE	MIN	68	69	67	69	68	62	64	69	70	74	67	68	62	62	68	62	57	58	57	59	61	64	67	56	54	59	60	64			64.1	
ANDALUSIA 1 NW	MAX	91	89	91	90	92	93	95	95	92	92	90	93	91	94	90	85	78	70	72	75	78	76	81	89	83	85	82	80	85	91	86.3	
ANDALUSIA 1 NW	MIN	62	58	57	59	62	60	59	63	64	64	63	66	64	66	69	66	60	60	61	62	64	59	65	64	65	65	66	59	60	64	62.5	
ANNISTON FAA AIRPORT	MAX	89	88	90	91	90	84	90	87	88	90	89	89	90	88	82	69	66	81	80	72	72	82	83	86	82	68	83	85	90	92	83.9	
ANNISTON FAA AIRPORT	MIN	56	57	58	62	68	65	62	65	69	70	68	65	65	67	69	57	58	58	57	65	65	59	55	60	66	63	56	56	64	64	62.3	
ASHLAND	MAX	88	88	88	93	91	85	88	87	88	88	89	88	88	88	80	77	64	80	74	75	82	84	85	86	75	85		90	90	84.4		
ASHLAND	MIN	55	57	58	62	65	64	58	62	65	66	64	63	66	65	66	57	55	55	62	65	65	56	58	64	65	55	62	61		61.0		
BETHENS 2	MAX	85	86	87	85	88	89	89	85	86	86	87	89	85	89	87	86	77	63	69	78	81	68	78	78	83	84	74	82	85	88	82.5	
BETHENS 2	MIN	55	59	58	59	59	63	62	64	68	64	65	65	67	65	63	54	55	51	52	63	61	55	58	54	58	56	54	55	57	61	59.3	
BETHTORE STATE FARM	MAX	90	89	90	91	94	92	90	91	89	88	92	91	90	88	86	78	74	73	73	80	81	86	89	88	86	81	82	81	92	92	86.2	
BETHTORE STATE FARM	MIN	65	64	61	67	67	63	64	65	68	70	68	70	70	66	66	65	62	61	63	66	66	63	67	67	67	68	61	61	63	65	65.3	
BURN 3 SW	MAX	89	85	89	90	91	91	92	92	91	92	92	95	93	91	90	83	72	64	79	77	70	80	83	86	83	78	73	82	87	88	85.1	
BURN 3 SW	MIN	56	56	58	58	60	65	61	63	62	65	65	65	65	66	68	66	57	57	58	62	63	59	58	63	64	67	64	58	58	63	61.7	
CHICKENHEAD LOCK AND DAM	MAX	87	88	90	90	89	92	88	89	88	90	90	90	88	92	91	87	66	66	77	79	72	77	82	83	87	80	74	82	85	87	84.2	
CHICKENHEAD LOCK AND DAM	MIN	56	58	63	62	65	66	64	65	66	69	67	66	68	68	71	60	59	60	59	65	65	68	59	62	65	63	57	57	61	64	62.9	
CLAY MINETTE	MAX	87	88	89	89	88	90	89	89	90	88	89	89	86	84	87	80	76	75	74	80	80	85	88	79	85	82	84	85	88	66	85.0	
CLAY MINETTE	MIN	65	63	63	69	69	65	68	68	69	71	70	70	70	70	71	68	64	62	63	63	67	65	64	68	68	69	67	63	65	64	66.7	
CLAY MINETTE	MAX	90	89	90	88	89	90	85	87	86	87	91	87	87	89	85	71	68	80	80	75	77	80	84	84	86	76	84	85	89	91	84.3	
CLAY MINETTE	MIN	57	61	61	67	67	64	64	65	70	67	65	66	68	69	70	55	57	53	56	65	63	56	59	55	61	62	57	56	60	63	62.0	
COLUMBIA 4 SW	MAX	91	91	92	93	91	90	89	88	89	90	88	87	91	91	88	84	65	79	78	71	77	84	85	87	81	71	82	85	88	89	85.2	
COLUMBIA 4 SW	MIN	56	57	62	63	68	64	63	66	70	67	68	66	69	68	71	59	58	59	55	66	64	56	58	59	65	62	55	61	64	62.5		
BIRMINGHAM WB AP	MAX	92	93	92	90	94	91	91	89	91	93	91	86	93	93	91	66	68	81	80	71	77	85	84	86	80	72	84	87	89	91	85.7	
BIRMINGHAM WB AP	MIN	60	62	65	67	70	66	66	71	73	69	67	66	70	74	64	59	57	62	62	65	64	57	60	59	68	60	55	58	65	66	64.2	
BIRMINGHAM WB AP	MAX	92	90	91	91	94	94	93	90	94	93	90	94	93	94	94	87	78	68	74	72	77	77	83	92	85	89	80	87	80	87.0		
BIRMINGHAM WB AP	MIN	58	56	58	58	61	59	58	61	64	65	66	67	65	68	68	60	60	60	62	63	64	60	65	65	65	66	67	56	60	63	62.5	
BREWTON 3 SSE	MAX	91	93	92	94	94	96	96	93	93	94	95	96	87	89	85	83	75	72	73	77	76	89	92	87	91	83	84	86	92	88.1		
BREWTON 3 SSE	MIN	61	62	56	59	63	58	63	60	64	65	64	66	64	66	68	67	62	63	64	66	68	60	63	66	66	65	68	56	59	63	63.2	
BRIDGEPORT 2 W	MAX	89	88	90	87	90	91	87	86	86	91	90	89	88	94	86	74	74	80	84	74	73	81	81	84	78	69	76	88	89	91	84.3	
BRIDGEPORT 2 W	MIN	51	56	57	65	63	64	62	63	64	64	66	65	65	63	68	55	57	53	55	60	60	56	56	57	56	60	53	54	58	61	59.6	
CLARA 2 SW	MAX	90	91	89	92	93	90	90	89	90	92	90	91	89	90	89	79	66	80	78	70	73	84	87	84	80	73	82	85	89	90	85.2	
CLARA 2 SW	MIN	53	58	56	60	63	65	60	66	70	68	66	63	67	66	70	61	57	58	55	64	62	56	56	59	66	62	54	55	62	63	61.4	
CAMDEN 3 NNW	MAX	92	91	92	97	93	93	93	92	93	90	92	93	92	91	84	76	76	70	73	80	80	87	86	93	80	75	85	87	89	88	86.8	
CAMDEN 3 NNW	MIN	61	61	62	66	67	68	64	67	70	71	68	69	68	67	70	61	64	61	61	64	66	60	64	65	64	66	62	59	63	65	64.7	
CAMP HILL 2 NW	MAX	91	91	91	91	92	91	91	93	89	93	90	91	92	89	86	74	67	70	72	75	70	72	84	87	85	82	72	82	87	87	84.2	
CAMP HILL 2 NW	MIN	53	58	60	59	63	67	59	62	65	66	62	62	62	62	67	64	56	56	57	61	62	59	59	63	64	64	63	55	62	56	60.9	
CENTRE 5 SW	MAX	87	90	90	91	90	90	89	88	89	90	88	92	88	90	91	88	62	71	81	83	68	75	81	83	84	86	70	82	85	86	84.3	
CENTRE 5 SW	MIN	54	57	59	62	67	64	61	64	66	67	65	65	64	65	70	60	57	54	53	56	64	59	57	58	63	61	55	59	58	63	60.9	
CHICKENHEAD	MAX	94	94	93	95	95	94	93	93	91	93	93	92	95	93	94	83	71	66	80	78	72	78	86	89	89	82	72	85	89	90	87.1	
CHICKENHEAD	MIN	54	57	62	72	64	67	64	63	71	69	68	66	68	67	70	62	58	60	62	66	65	58	58	62	65	66	56	62	64	63	63.4	
CHICKENHEAD	MAX	90	90	91	92	93	92	93	92	95	93	89	92	90	82	89	77	71	70	77	86	84	87	91	82	82	78	85	88	92	86.7		
CHICKENHEAD	MIN	55	57	56	68	62	64	60	63	67	69	65	68	68	70	68	63	61	61	65	66	65	59	66	66	64	65	62	58	67	62	63.3	
CHILDERSBURG WTR PLANT	MAX	89	90	90	92	91	90	90	86	89	90	89	88	90	90	89	81	65	78	80	78	74	83	86	86	80	72	82	85	87	90	85.0	
CHILDERSBURG WTR PLANT	MIN	55	57	60	63	68	66	62	66	73	71	66	66	66	64	70	61	58	59	58	65	67	57	57	61	67	62	57	57	56	63	62.6	
CHICKENHEAD	MAX	89	88	89	91	91	92	91	92	94	90	89	88	88	84	91	78	74	72	76	84	81	87	91	82	86	82	84	86	87	92	86.3	
CHICKENHEAD	MIN	65	63	64	68	69	68	69	68	70	66	68	70	80	70	71	65	62	62	65	67	66	64	69	68	67	67	65	66	68	66	68.8	
CLANTON	MAX	89	88	88	91	91	90	90	90	89																							

DAILY TEMPERATURES

ALABAMA
JUNE 1961

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	
PUSHMATAMA	MAX	90	89	90	91	92	92	91	91	91	93	89	90	91	90	90	86	71	70	68	73	75	82	86	87	87	83	72	86	86	88	85.3	
	MIN	58	62	62	66	68	69	64	70	69	70	62	68	70	68	71	63	61	62	62	65	65	62	63	66	66	64	55	60	60	65	64.5	
REG BAY	MAX	87	88	89	89	90	87	88	83	86	86	88	89	85	90	89	82	63	65	78	82	78	74	80	83	83	83	78	82	84	89	83.3	
	MIN	59	65	65	67	67	65	64	65	70	67	67	67	69	68	69	56	56	55	56	62	62	55	56	60	62	62	60	61	60	64	62.7	
REDSTONE ARSENAL	MAX	86	86	87	89	86	88	84	84	85	86	90	84	85	87	84	64	68	78	81	69	76	79	81	83	85	75	83	86	88	90	82.6	
	MIN	54	59	62	64	64	56	63	63	68	66	64	65	66	69	58	55	55	54	64	62	62	59	58	55	60	58	55	59	62	60.1		
ROBERTSDALE 1 E	MAX		87	88	90	90	88	91	89	89	92	92	91	89	88	89	87	84	80	75	79	81	80	87	87	80	88	83	85	86	89	86.3	
	MIN	61	63	60	67	65	60	64	65	67	70	66	67	70	70	69	72	64	63	66	68	67	64	67	69	63	69	68	63	64	65	65.9	
ROCKFORD	MAX	88	89	90	91	92	90	90	91	91	90	90	90	91	92	91	81	71	65	75	71	78	81	85	87	87	85	85	75	87	89	85.3	
	MIN	53	54	55	58	62	63	57	56	57	65	65	64	65	65	64	63	53	57	55	55	63	81	85	87	60	63	65	61	54	63	64	58.0
ROCK MILLS	MAX	89	89	90	93	89	86	90	88	88	90	91	93	91	90	89	76	66	81	81	78	79	84	86	86							86.2	
	MIN	53	55	55	55	61	65	60	62	63	64	64	63	65	65	69	57	56	57	53	62	64	60	55	58							59.7	
RUSSELLVILLE 2	MAX	86	86	86	87	88	86	88	83	85	85	82	87	84	88	88	81	63	69	78	80	68	71	80	83	82	84	79	83	86	86	82.1	
	MIN	53	57	56	60	59	58	61	62	70	63	63	64	66	69	70	56	56	51	50	58	62	52	56	54	51	62	52	53	52	57	58.4	
SAND MT STATE FARM A U	MAX	86	85	86	85	86	83	84	82	85	86	87	85	87	85	87	84	84	73	66	75	79	72	72	76	77	80	82	86	86	87	81.1	
	MIN	56	62	63	64	65	63	61	66	67	65	64	63	66	67	68	55	54	51	56	61	60	57	57	56	60	58	52	57	64	62	60.7	
SCOTTSDORO	MAX	86	89	89	90	89	88	83	87	88	88	89	90	88	89	88	87	64	69	79	83	67	74	79	82	83	85	73	83	86	87	83.4	
	MIN	52	52	58	60	61	65	63	63	68	66	66	65	67	70	70	58	56	51	53	60	64	54	56	55	59	59	53	54	59	60	59.9	
SEALE	MAX	89	90	90	93	94	94	92	94	94	94	94	95	94	91	86	79	65	81	80	73	82	86	89	88	82	81	85	87	85	89	87.2	
	MIN	56	58	60	59	60	61	62	66	68	66	69	65	67	67	65	60	58	58	56	62	66	59	59	65	67	66	67	62	65	65	62.8	
SELMA	MAX	91	91	92	94	94	94	94	93	94	90	94	94	91	89	84	80	70	78	74	74	80	88	91	88	79	77	86	88	90	90	87.1	
	MIN	62	63	62	69	69	72	66	67	71	73	72	70	72	70	72	64	61	62	64	66	67	62	66	65	66	68	62	61	69	69	66.7	
SYLACAUGA 4 NE	MAX	89	88	90	91	89	88	89	87	89	89	88	90	89	89	81	80	66	79	79	73	73	83	84	86	79	69	82	86	89	90	84.1	
	MIN	54	57	57	62	68	66	68	63	68	70	65	64	65	65	69	61	59	58	58	65	68	58	58	58	66	63	59	55	64	62	62.4	
TALLADEGA	MAX	89	90	89	92	92	86	89	87	87	89	87	90	90	91	82	77	65	80	82	73	72	82	85	85	81	69	81	84	86	88	84.0	
	MIN	54	56	57	61	68	65	59	63	66	70	66	65	65	67	69	60	58	57	56	64	67	56	57	59	64	62	57	56	63	62	61.6	
THOMASVILLE	MAX	90	90	90	90	94	92	93	92	92	94	86	89	90	90	87	87	69	68	65	70	79	78	85	89	82	82	74	92	85	86	85.0	
	MIN	62	61	63	65	68	67	64	67	70	71	65	67	69	69	70	61	60	60	62	63	64	61	65	68	63	65	61	59	62	66	64.6	
TMORSEY EXP STATION	MAX	88	88	89	90	90	87	90	88	90	90	88	80	89	88	86	78	64	78	74	70	75	82	85	84	78	71	81	85	87	89	83.4	
	MIN	60	62	63	65	64	67	62	66	71	68	68	66	69	67	70	60	56	58	58	65	66	58	63	62	65	62	69	60	65	65	64.0	
TROY	MAX	90	90	91	93	92	93	93	92	93	91	94	92	94	87	83	78	65	78	70	70	75	85	89	89	80	78	82	85	87	89	85.6	
	MIN	65	64	65	65	66	65	67	66	69	70	70	70	69	69	69	65	59	59	63	64	68	61	69	63	66	67	65	62	68	68	65.9	
TUSCALOOSA FAA AIRPORT	MAX	90	90	91	89	92	88	88	89	90	86	86	85	85	87	83	65	63	74	74	73	81	84	85	89	82	79	86	87	89	90	84.0	
	MIN	58	59	64	64	66	67	64	65	71	68	69	68	66	66	62	59	58	60	59	65	67	59	61	64	68	63	59	59	64	66	63.6	
TUSCALOOSA OLIVER DAM	MAX	91	90	90	92	92	93	91	90	91	95	96	90	89	90	87	67	66	77	77	71	80	83	85	88	81	75	83	85	87	85.4		
	MIN	56	59	62	63	64	66	64	64	69	66	68	68	68	67	68	59	58	59	58	59	61	57	59	61	63	61	55	56	58	63	62.0	
TUSKEGEE 2	MAX	93	92	93	94	91	93	94	93	93	93	92	89				65	80	75	71	80	84	90	86	88	75	82	85	87	90	86.7		
	MIN	62	62	62	64	65	65	66	66	68	70	69	69	71		68	61															65.5	
UNION SPRINGS 5 5	MAX	88	89	92	91	91	92	92	93	92	93	93	93	91	91	90	86	72	70	74	70	75	77	86	87	82	81	79	83	85	86	85.5	
	MIN	59	61	63	62	63	66	67	67	68	69	70	71	70	71	69	68	60	58	68	64	69	62	67	65	64	69	64	63	65	70	65.7	
VALLEY HEAD	MAX	86	88	88	88	87	88	87	88	85	87	88	85	88	88	85	83	60	68	77	82	68	72	78	75	82	84	69	81	85	88	81.9	
	MIN	50	54	54	60	65	59	60	62	62	61	62	62	62	66	67	57	55	50	50	57	60	56	53	53	59	60	49	51	60	59	57.6	
VERNON	MAX	90	91	90	92	92	91	89	90	89	90	89	91	88	90	91	88	67	67	78	78		81	84	83	88	87	77	86	89	91	86.1	
	MIN	55	58	58	62	62	64	63	66	72	67	66	68	66	67	69	57	59	58	55	64		56	57	59	63	64	54	57	56	61	61.5	
WATERLOO	MAX	85	88	84	86	90	90	89	91	92	90	92	92	85	89	88	82	71	70	77	82	73	75	76	84	83	85	79	83	87	88	84.2	
	MIN	57	58	56	60	61	58	57	60	64	61	62	63	67	70	70	54	60	51	52	64	63	53	62	52	55	62	54	54	56	57	59.1	
WHATLEY	MAX	90	89	91	92	92	92	93	92	91	89	92	92	93	85	90	78	70	68	72	82	80	88	92	86	81	80	84	86	90	92	86.4	
	MIN	56	57	56	60	63	63	61	62	65	68	65	67	66	67	70	63	62	61	63	65	66	64	62	67	63	67	64	57	60	64	63.1	

EVAPORATION AND WIND

Station		Day of month																															Total for Mo	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		
DEMOPOLIS LOCK & DAM	EVAP	.21	.37	.36	.21																													

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1960 - 1961

ALABAMA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ALBERTVILLE 2 SE	0	0	16	134	387	834	927	494	366	317	78	11	3564	
ALEXANDER CITY 6 NE	0	0	1	101	362	738	774	373	243	221	46	3	2862	
ALICEVILLE	0	0		42	797	737	837	431	284	257	43	1		
ANDALUSIA 1 NW	0	0	0	64	263	637	720	285	157	166	33	0	2325	
ANNISTON FAA AIRPORT	0	0	1	106	344	735	809	385	284	242	48	5	2959	2820
ASHLAND	0	0		119	377	733	800	397	290	228	39	5	2989	
ATHENS 2	0	0	3	150	491	917	942	479	320	310	85	12	3709	
ATMORE STATE FARM	0	0	0	36	197	520	620	222	117	118	18	0	1848	
AUBURN 3 SW	0	0	0	70	288	700	792	395	246	220	37	4	2752	
BANKHEAD LOCK AND DAM	0	0	0	85	379	746	846	448	284	254	59	4	3105	
BAY MINETTE	0	0	0	23	152	477	600	200	107	112	15	0	1686	
BELLE MINA 2 N	0	0		132	462	802	859	417	293	250	45	4	3265	
BESSEMER 4 SW	0	0	1	108	376	706	805	356	638	223	45	3	3261	
BIRMINGHAM WB AP	0	0	0	99	346	723	798	356	252	199	48	4	2825	
BRANTLEY	0	0	0	64	272	656	733	323	212	169	36	1	2466	2780
BREWTON 3 SSE	0	0	0	47	242	541	649	232	134	117	23	0	1985	
BRIDGEPORT 2 W	0	0	10	31	463	849	910	459	323	270	61	0	3536	
CALERA 2 SW	0	0	5	186	537	734	785	337	228	208	45	3		
CAMDEN 3 NNW	0	0	0	68	281	581	712	275	124	142	27	0	2210	
CAMP HILL 2 NW	0	0	2	106	371	726	821	402		256	65	5		
CENTRE 5 SW	0	0	8	123	422	810	866	461	353	291	60	9	3403	
CENTREVILLE	0	0	0	90	367	736	823	399	253	209	33	3	2913	
CHATOM	0	0	0	62	244	539	667	264	158	142	22	0	2098	
CHILDERSBURG WTR PLANT	0	0	0	94	358	692	778	321	215	197	40	3	2698	
CITRONELLE	0	0	0	32	200	499	657	248	142	132	13	0	1923	
CLANTON	0	0	0	107	404	749	836	406	289	250	61	5	3107	
CLAYTON	0	0	0		216					119	29	1		
CODEN	0	0	0	22	127	437	548	217	110	104	5	0	1570	
OAYTON	0	0	0	64	302	625	728	322	213	165	33	0	2452	
DECATUR	0	0	1	123	443	842	918	465	317	270	65	8	3452	
DEMOPOLIS LOCK AND DAM	0	0	0	83	354	671	770	350	194	188	42	1	2653	
DO THAN FAA AIRPORT	0	0	0	61	180	551	629	234	120	110	16	0	1881	
DOUBLE SPRINGS	0	0	9	120	426	836	902	471	335	280	77	13	3479	
ENTERPRISE	0	0	0	33	187	531	603	233	103	112	16	0	1818	
EUFULA	0	0	0	46		662	730	326		154	32	0		
EVERGREEN	0	0	0						194	148	25	0		
EVERGREEN FAA AIRPORT	0	0	0	68	285	606	712	271	194	164	24	0	2324	
FAIRHOPE	0	0	0	23	124	427	542	193	86	100	7	0	1502	
FALKVILLE	0	0	4	119	410	821	859	452	308	270	88	15	3346	
FAYETTE	0	0	0	105	361	709	815	350	234	207	36	3	2820	
FLORENCE	0	0	0	147	455	831					78			
FORT MORGAN	0	0	0	8	38	366	495	189	79	74	2	0	1251	
FRISCO CITY	0	0	0	45	228	581	675	277	162	153	32	0	2153	
GAOSEN GAS PLANT	0	0	6	137	427	786	842	408	312	253	58	3	3232	
GAINESVILLE	0	0	0	77	355	712	794	358	211	187	37	0	2731	
GENEVA	0	0	0	47	223	606	679	280	141	119	15	0	2110	
GILBERTOWN	0	0	0	77	294	575	683	292	181	165	28	0	2295	
GREENSBORO	0	0	0	47	224	601	715	281	183	158	23	0	2232	
GREENVILLE	0	0	0	34	187	537	641	248	140	121	19	1	1928	
GUNTERSVILLE	0	0	0	111	426	834	861	397	297	284	75			
HALEYVILLE	0	0	5	121	444	845	918	483	342	284	78	12	3532	
HAMILTON	0	0	3	120	442	869	915	494	337	294	82	13	3569	
HAYNEVILLE	0	0	0	78	248	613	765	313	205	203	30	0		
HEADLAND	0	0	0	30	212	592	671	279	153	139	16	0	2092	
HEFLIN	0	0	9	130	463	795	861	436	287	224	56	5	3266	
HIGHLAND HOME	0	0	0	62	252	633	713	296	181	174	38	3	2352	
HUNTSVILLE WB AP	0	0	0	114	411	815	885	415	305	261	65	5	3276	
JASPER	0	0	0											
JASPER 4 N	0	0	1	130	451	807	882	401	290	250	55	8	3275	
LAFAYETTE	0	0	4	86	298	666	760	360	239	202	38	7	2660	
LIVINGSTON	0	0	0	72	300	611	733	309	188	156	30			
LOCKHART	0	0	0	37	175	541	637	235	149	133	19	0	1926	
MADISON	0	0	3	138	456	838	902	451	327	274	75	8	3472	
MARION JUNCTION 2 NE	0	0	0	71	309	636	750	312	192	167	34	1	2472	
MARTIN OAM	0	0	0	75	246	608	704	335	247	192	25	3	2436	
MINTER 3 NW	0	0	0	66	286	615	738	305	242	194	27	0	2473	
MOBILE WB AIRPORT	0	0	0	36	170	482	604	214	123	131	7	0	1767	1612
MOBILE	0	0	0	33	139	492	592	215	90	88	9	0	1658	
MONTGOMERY WB AP	0	0	0	64	289	655	749	302	209	170	28	1	2467	
MOULTON 2	0	0	3	119	420	796	854	394	294	267	40	7	3194	2137
MUSCLE SHOALS FAA AP	0	0	1	136	484	872	911	448	343	284	80	14	3573	
NATCHEZ	0	0	0	72	298	596	691	265	178	174	32	0	2306	
NEW MARKET 2	0	0	6	162	500	848	911	446	343	300	84	10	3610	
ONEONTA	0	0	8	138	451	838	899	472	356	301	84	13	3560	
OPELIKA	0	0	0	98	319	719	830	428	293	260	65	8	3020	
OZARK 6 NNW	0	0	0	45	224	591	674	301	161	174	39	2	2211	
PELL CITY 1 NNE	0	0	4	124	397	758				373	285	81	16	
PHENIX CITY 2 NNW	0	0	0	55	238	653	727	349	246	206	33	0	2507	
PRATTVILLE	0	0	0	71	293	633	723	327	198	154	20	0	2419	
PUSHMATAHA	0	0	0	72	345	664	771	358	235	186	46	1	2678	
REO BAY	0	0	24	106	432	836	898	454	325	286	80	10	3451	
REDSTONE ARSENAL	0	0	5	144	483	862	927	449	355	308	93	8	3634	
ROBERTSDALE 1 E	0	0	0	43	157	504	607	255	131	113		0		
ROCKFORD	0	0	0	79	340	709	811	429	291	248	45	6	2960	
ROCK MILLS	0	0	0		376	749	796	409	270	216	36	4		
RUSSELLVILLE 2	0	0	11	159	503	884	943	514	390	324	101	14	3843	
SAINT BERNARD	0	0	5	123	433	856	911	492	335	272	82			
SAND MT STATE FARM A U	0	0	10	135	421	815	878	437	325	287	69	8	3385	
SCOTTSBORO	0	0	6	127	480	846	935	521	367	321	93	13	3709	
SEALE	0	0	0	72	273	638	663	283	186	183	25	3	2326	
SELMA	0	0	0	53	250	571	678	260	152	124	21	0	2109	
SYLACAUGA 4 NE	0	0	1	93	332	704	786	365	256	222	40	2	2801	
TALLADEGA	0	0	1	123	399	747	813	385	290	240	58	3	3059	
THOMASVILLE	0	0	1	102	402	668	772	332	214	173	43	2	2709	
THORSBY EXP STATION	0	0	0	93	324	670	760	332	245	201	39	5	2669	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

CONTINUED

Season of 1960 - 1961

ALABAMA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
TROY	0	0	0	29	176	523	638	243	135	141	21	3	1909	
TUSCALOOSA FAA AIRPORT	0	0	0	89	359	715	790	368	227	197	32	7	2784	
TUSCALOOSA OLIVER OAM	0	0	0	83	371	733	834	402	264	246	57	4	2994	
TUSKEGEE 2	0	0	0	55	234	615	692	296	179	153	22	0	2246	
UNION SPRINGS 5 S	0	0	0	62	258	648	743	306	216	187	27	1	2448	
VALLEY HEAD	0	0	15	180	531	890	995	572	428	383	118	23	4135	
VERNON	0	0	3	111	426	828	864	425	286	237	63	4	3248	
WATERLOO	0	0	4	128	493	912	916	486	375	303	90	5	3712	
WHATLEY	0	0	0	64	276	553	668	261	159	155	23	0	2159	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ALABAMA
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days		
										Max		Min						Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	80° or Above	32° or Below	20° or Below										
FEBRUARY 1961																							
TUSCALOOSA OLIVER DAM	63.7	37.1	50.4	.8	78	17	20	5	402	0	0	11	0	16.34	10.94	6.68	22	.0	0	11	7	4	
MARCH 1961																							
ASHLAND	69.5	42.0	55.8		81	5	27	3	290	0	0	7	0	8.27		2.21	31	T	0	10	7	3	
MAY 1961																							
ASHLAND	80.4	53.1	66.8		98	22	40	28+	39	1	0	0	0	4.81		2.21	23	.0	0	7	4	1	
HALEYVILLE	78.2	52.6	65.4		95	12	38	28+	78	1	0	0	0	4.19		1.35	9	.0	0				

DAILY PRECIPITATION

Station	Day of month																															Total
	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 1960																																
BINGHAM MOUNTAIN											.95	.10			.10	.05				.90				.02	.04				.15	.72	3.03	
WARRIOR LOCK AND DAM							.02	.04		.60					.40	.07				1.05			.03	.03	.02				.24	2.50		
FEBRUARY 1961																																
TUSCALOOSA OLIVER DAM			.60				.18	.13										.91	.95	1.04	3.88	8.68	.44		1.20	.03		.30	16.34			
MARCH 1961																																
ASHLAND				T	.15	1.88	.75	T			T	.63					.03	1.09	.01	T	.19					T	.71	.12	.50	2.21	8.27	
COLBERT STEAM PLANT					.18	2.02	3.74					.80						1.25		1.58						.03	1.15	.13	.88	11.76		
PLANTERSVILLE 2 SSE						1.03	1.05	T			.23	T					T	1.95	.23							T	1.05	1.10	1.02	2.98	10.64	
TONEY					.04	.76	1.50				.50	.05					.80		.89								1.28	.02	.80	6.64		
MAY 1961																																
ASHLAND	.39								.65	.53					T		.20				.31	2.21		.50	.02					4.81		
HALEYVILLE	*	.77				.37		1.35						*								1.05		.65						4.19		

See Remarks Notes Following Station Name

DAILY TEMPERATURES

ALABAMA
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				
FEBRUARY 1961																																			
TUSCALOOSA OLIVER DAM	MAX	80	65	61	49	47	59	46	68	41	50	57	68	74	75	73	75	78	69	72	58	72	68	70	72	72	52	69	63						63.7
	MIN	22	31	33	21	20	26	38	37	31	24	25	29	34	44	45	44	44	50	53	49	54	55	46	46	35	32	32	40						
MARCH 1961																																			
ASHLAND	MAX	78	70	73	72	81	75	76	74	65	60	65	70	68	66	75	74	65	56	69	67	68	70	71	58	71	75	70	67	70	84	70	84	70	89.5
	MIN	45	28	27	48	53	61	82	50	36	29	31	38	52	43	31	38	41	43	42	45	52	42	34	35	28	32	48	46	45	45	55	55	42.0	
MAY 1961																																			
ASHLAND	MAX	76	70	75	82	86	84	88	83	78	70	78	72	82	84	83	77	85	82	83	84	84	98	86	80	71	71	69	78	81	85	88	88	80.4	
	MIN	53	48	43	50	51	62	61	61	58	49	54	54	53	55	63	53	50	52	52	58	83	59	58	48	58	55	40	40	46	48	52	53.1		
HALEYVILLE	MAX	83	70	66	73	81	84	78	86	80	64	66	95	76	82	84	81	76	83	84	81	82	85	80	70	78	84	64	66	76	82	84	78.2		
	MIN	45	44	39	49	51	62	65	65	55	49	51	52	54	57	59	52	50	58	59	55	55	61	56	46	57	62	38	38	48	50	48	52.6		

CORRECTIONS

MONTH: MARCH 1960

Climatological Data Table:
Bessemer 4 SW

Correct as follows: Average maximum, 55.6; average temperature, 44.2; total degree days, 638. Appalachian Mountain Division average temperature should be 40.1; departure from long-term average -12.6.

Daily Temperature Table:
Bessemer 4 SW

Correct maximum temperatures as follows: 9th, 61; 10th, 62. Average maximum should be 55.6.

MONTH: DECEMBER 1960

Climatological Data Table:
Codon

Total precipitation should be 2.08, departure from long-term average -2.84. Greatest day of precipitation should be .49 on 30th. No. of days with .10 or more 5; .50 or more 0; 1.00 or more 0. Division Coastal Plain average precipitation should be 2.78, departure from long-term average -2.47.

Daily Precipitation Table:
Codon

Amount on the 31st should be 0. Monthly total should be 2.08.

Harrisburg Cahaba Twr

Amount on the 31st should be 0. Monthly total should be 1.93.

Suttle

Amount on the 31st should be 0. Monthly total should be 1.90.

MONTH: FEBRUARY 1961

Climatological Data Table:
Aliceville

Total precipitation should be 12.39. Upper Plains Division, average precipitation should be 13.99, departure from long-term average + 8.50.

Bay Minette

Total precipitation should be 6.84. Gulf Division, average precipitation should be 9.12, departure from long-term average + 4.97

Daily Precipitation Table:
Aliceville

Amount on the 7th should be *.

Bay Minette

Correct as follows: 6th, *; 7th, 1.34.

Elrod

Correct as follows: 7th, *; 8th, .30; 18th, *; monthly total 14.47.

Enterprise

Amount on the 5th should be 0.

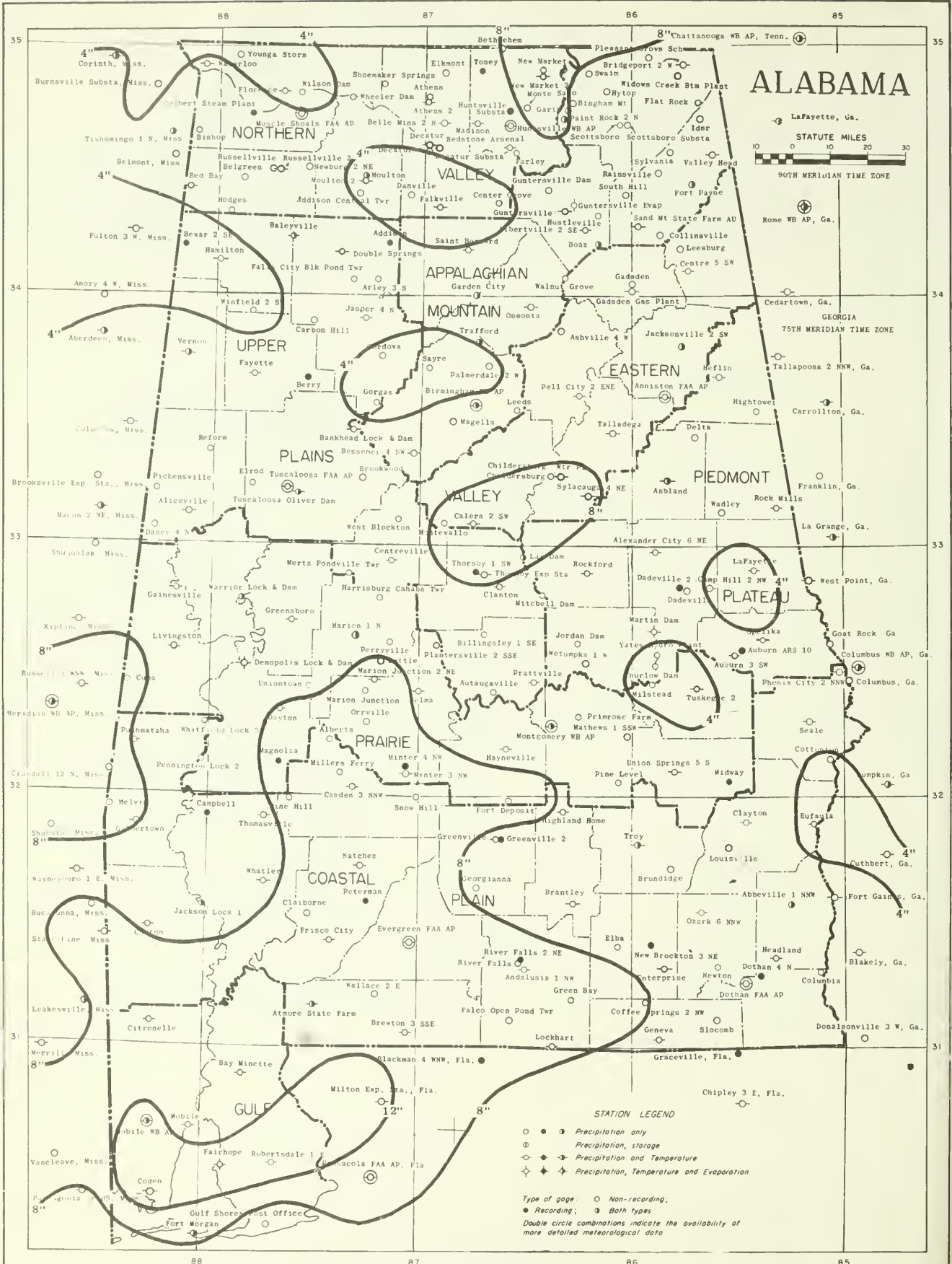
MONTH: APRIL 1961

Daily Precipitation Table:
Dancy 4 N

Amount on the 15th should be 0; monthly total should be 3.57, departure from long-term average should be -0.76. No. of days with precipitation .10 or more should be 5.

TOTAL PRECIPITATION

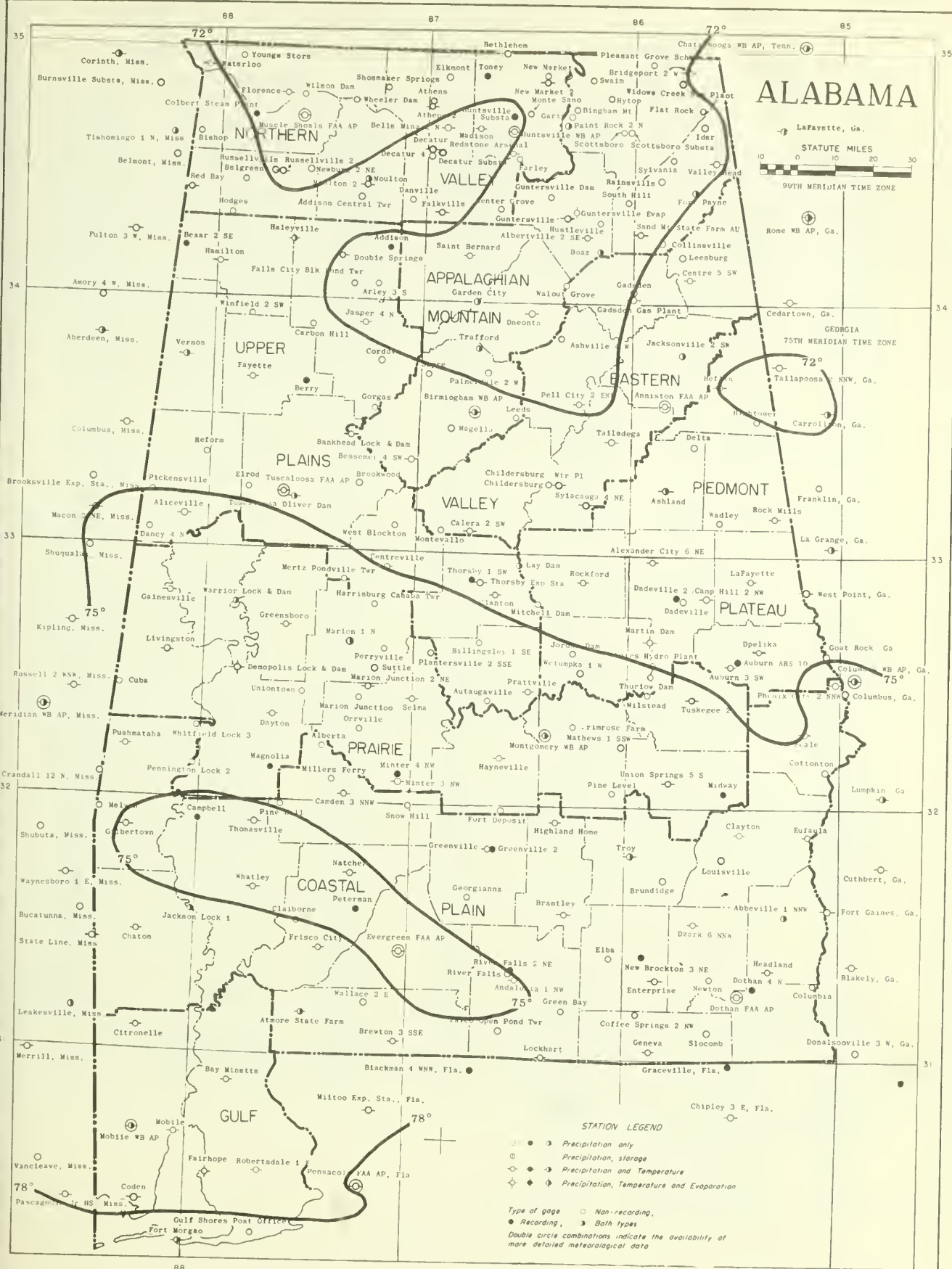
ALABAMA
JUNE 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from the recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
JUNE 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
JUNE 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ABBEVILLE 1 NW	0008 HENRY	4	31 35	85 15	485	TA	C	JOHN S. RICHMOND	JORDAN DAM	4306 ELMORE	7	52 57	86 15	290	6A	H	ALABAMA POWER CO.						
ADONIS	0137 WILSON	1	32 05	87 11	200	TA	C	PAUL GODEBEE	CHAMBERS	4336 CHAMBERS	7	52 57	86 15	290	6A	H	ALABAMA POWER CO.						
ADONIS CENTRAL TOWER	0071 LAWRENCE	2	34 25	87 19	990	7A	C	IVA-53	LAY OAH	4603 CHILTON	7	32 58	86 51	420	6A	C	ALABAMA POWER CO.						
ALBERTA	0140 WILCOX	1	32 14	87 25	175	8A	C	SIDNEY W. SANDRY, SR.	LEEDS	4619 JEFFERSON	7	34 42	86 45	573	9A	TA	RUFUS N. SEWELL						
ALBUQUERQUE 2 SE	0143 MC CALL	1	32 08	87 34	110	5A	H	JESSE M. COOPER	LEESBURG	4627 CHEROKEE	7	34 11	85 46	589	7A	C							
ALEXANDER CITY 6 NE	0163 TALLAPOOSA	11	32 59	85 02	660	5P	SP	N DOUGLAS M. HANFORD	LIVINGSTON LOCKHART	4790 SUMTER	13	52 58	88 11	160	7P	TA	N PROF. E. J. WURPNEY						
ALICEVILLE	0178 PICKENS	11	32 07	86 52	670	7A	TA	N JAMES P. CHERRY JR. HERNDON	LOUISVILLE	4822 COVINGTON	9	51 01	86 22	290	8A	TA	N JOHN B. ARD						
ANDALUSIA 1 NW	0252 COVINGTON	6	31 19	86 30	260	8A	TA	H W. H. JAMES P. GILLIS	LOUISVILLE	4884 BARBOUR	5	51 48	85 55	470	8A	TA	N HARRY R. TAYLOR, JR.						
ANDREWS FARM	0273 CALHOUN	2	33 28	86 51	990	MIO	HIO	H FEOD. AVIATION AGENCY	MAGNOLIA	4976 JEFFERSON	12	34 42	86 45	573	9A	TA	ALABAMA POWER CO.						
ARLES 3 S	0338 WINSTON	2	34 04	87 13	500	7A	C	N HENRY L. MC QUEEN	MAGNOLIA	4996 JEFFERSON	3	33 30	86 51	654	7A	C	DR. T. H. GAILLARD						
ASHLAND	0369 CLAY	11	33 16	85 51	1060	6P	6P	H JOHN T. SWINCOLL	MARION 1 M	5108 PERRY	2	52 58	87 18	210	7A	C	ROBERT J. CURRY						
ASHVILLE 4 W	0377 ST. CLAIR	7	33 51	86 20	790	7A	TA	H MISS CLARA R. OLIVE	MARION JUNCTION	5116 DALLAS	5	32 26	87 18	260	8A	TA	MRS. MARGARET SMITH						
ATHENS	0390 LIMESTONE	12	34 48	86 59	700	7A	TA	H RADIO STATION WJHO	MARION JUNCTION 2 NE	5113 DALLAS	3	32 28	87 13	600	6P	6P	N ALABAMA POLY. INST.						
ATMORE STATE FARM	0402 ESCAMBIA	8	31 10	87 29	300	4P	4P	H ATMORE STATE FARM	MARTIN OAH	5140 ELMORE	11	32 40	85 55	335	6P	6P	N ALABAMA POWER CO.						
AUBURN 3 SW	0422 LEE	11	52 34	85 31	1730	8A	TA	H NRS. HATHA L. NOORE	MATHEWS 1 SSW	5172 MONTGOMERY	11	52 15	86 01	190	7A	TA	E. PAUL GOWAN						
AUBURN ARS. 10	0427 LEE	11	32 36	85 29	700	7A	TA	H AGR. RESEARCH SERVICE	MELVIN	5354 CHOCOLAT	13	51 56	86 27	350	7A	TA	ERNEST M. LANG						
AUTTAUGVILLE 3 N	0440 AUTAUGA	1	32 28	86 43	200	6A	6A	H H. B. NEIGHBORS	MERTZ PONDVILLE TOWER	5382 BIBB	3	32 59	87 20	600	7A	TA	U.S. FOREST SERVICE						
BANKHEAD LOCK AND DAM	0505 TUSCALOOSA	2	33 29	87 20	280	7A	TA	H CORPS OF ENGINEERS	MIDWAY	5597 BULLOCK	4	32 04	85 52	490	7A	C	MRS. SARA O. HALL						
BAY MINETTE	0581 BALOWIN	9	30 53	87 47	288	7P	7P	H GROVER W. WOODWARD	MILLERS FERRY	5417 WILCOX	1	32 06	87 22	76	5A	TA	C. O. HENDERSON JR.						
BELGREEN	0631 FRANKLIN	12	34 28	87 92	810	7A	TA	H IVA-45	MILSTEAD	5439 MACON	11	32 27	85 54	206	9A	TA	N NEMBY J. YATES						
BELLE MINA 2 N	0655 LIMESTONE	12	34 42	86 55	600	5P	5P	H ALABAMA POLY. INST.	MINTEK 3 NW	5449 DALLAS	1	32 06	87 03	370	7A	TA	C	ALABAMA POWER CO.					
BELLINGHAM	0747 FAYETTE	2	33 40	86 56	600	6A	6A	H JAMES E. MC CRAVY	MINTEK 4 NW	5454 DALLAS	1	32 07	87 03	370	7A	TA	C	ALABAMA POWER CO.					
BELLESMEAR 4 SW	0757 JEFFERSON	2	33 22	87 01	533	6A	6A	H IVA-757	MITCHELL OAH	5465 CHILTON	7	32 48	87 29	560	7A	TA	C. H. U.S. WEATHER BUREAU						
BETHLEHEM	0776 MADISON	12	34 59	86 58	815	7A	TA	H OSCAR W. LOCKRIDGE	MOBILE W/ AIRPORT	5478 MOBILE	9	30 41	88 05	210	MIO	HIO	H ROBERT G. BETANCOURT						
BEAR 2 SE	0790 MARION	13	34 10	88 07	570	5P	5P	H MISS CLARA R. OLIVE	MOBILE	5529 MADISON	12	34 53	85 33	1600	6P	6P	N M. P. JETER, JR.						
BENTLEY 1 SE	0823 AUTAUGA	12	34 06	86 17	1640	7A	TA	H IVA-762-C	MONTGOMERY WB AP	5550 MONTGOMERY	5	32 18	86 24	195	HIO	HIO	C. H. U.S. WEATHER BUREAU						
BINGHAM MOUNTAIN	0824 LIMESTONE	12	34 48	86 59	700	7A	TA	H IVA-442	MONTGOMERY WB AP	5550 MONTGOMERY	5	32 18	86 24	195	HIO	HIO	C. H. U.S. WEATHER BUREAU						
BIRMINGHAM WB AP	0831 JEFFERSON	2	33 36	86 45	610	MIO	HIO	H DAVIO A. BURNS	MOUNTAIN 2	5625 LAWRENCE	12	34 29	87 18	645	6P	6P	N JOHN W. KELLY						
BISHOP	0954 COLBERT	12	34 39	88 07	1070	7A	TA	H H. B. ANDERSON	MOUNTAIN 3	5739 COLBERT	12	34 25	87 53	534	HIO	6P	6P	N FED. AVIATION AGENCY					
BOAZ	0967 MARSHALL	2	34 13	86 10	470	7A	TA	H MISS CLARA R. OLIVE	NATCHEZ	5785 MONROE	1	31 43	87 16	162	5P	7A	C	H S. B. HELTON					
BRANTLEY	1007 BRENHAM	6	31 31	86 05	670	6A	6A	H MISS M. LOUISE JONES	NORTH JUNCTION 3 NE	5842 ESCAMBIA	12	34 57	86 01	708	7A	TA	C	IVA-64					
BREWTON 3 SSE	1009 ESCAMBIA	6	31 04	87 05	85	6P	6A	H MISS WILLIE M. STROM	NORTH JUNCTION 3 NE	5847 FRANKLIN	12	34 31	87 34	625	7A	TA	C	IVA-64					
BREWTON 4 SW	1008 JACKSON	6	31 36	86 45	660	5P	5P	H HILDEO P. WHITTINGTON	NEW MARKET	5862 MADISON	12	34 54	86 26	716	6P	6P	N IVA-624						
BROOKWOOD	1005 TUSCALOOSA	2	33 16	86 57	1400	7A	TA	H PIERCE A. GARRETT	NEW MARKET 2	5867 MADISON	12	34 54	86 26	716	6P	6P	N MRS. A. W. KILPATRICK						
BURNSVILLE	1178 PIKE	5	31 43	85 49	495	7A	TA	H ALABAMA POLY. INST.	NEWTON	5875 OALAS	5	31 20	85 36	220	7A	TA	C	BASCOM M. BROWN					
CAHERA 2 SW	1288 SHELBY	7	33 05	86 46	540	5P	5P	H ALABAMA POLY. INST.	OPELIKA	6129 LEE	5	32 38	85 23	740	8A	8A	N RADIO STATION WJHO						
CAMDEN 3 NW	1300 WILCOX	1	32 02	87 19	110	5P	5P	H FLOYD J. GARRISON	ORVILLE	6161 OALLAS	1	32 18	87 14	200	20A	TA	C	EDWARD B. WARREN					
CANDLER	1343 CLARKE	12	34 06	86 54	620	7A	TA	H IVA-66	ORZAR 6 NNW	6218 OALAS	5	31 32	85 41	460	6A	6A	TA	H JACOB O. BARNES					
CAMP HILL 2	1324 TALLAPOOSA	11	32 50	85 41	680	6A	6A	H H. D. R. WATSON	PAINT ROCK 2 N	6226 JACKSON	12	34 42	86 20	935	7A	TA	C	IVA-69					
CARRON HILL	1377 WALKER	2	33 54	87 32	430	7A	TA	H JOHN R. WATSON	PAINVILLE 2	6246 JEFFERSON	12	34 57	86 01	710	7A	TA	C	GEORGE T. POSEY					
CENTER GROVE	1492 MOBILE	12	34 23	86 38	780	7A	TA	H CHAS. C. SMITH	PELL CITY 1 NNE	6529 ST. CLAIR	7	35 36	86 16	955	7A	7A	C	N NORMAN A. VAUGHN					
CENTRE 5 SW	1512 CHEROKEE	7	34 06	86 55	620	7A	TA	H ALABAMA POWER CO.	PERRYVILLE	6562 PERRY	5	32 36	87 09	500	7A	TA	C	MRS. EVELYN N. FULLER					
CENTREVILLE	1520 BIBB	3	31 11	85 56	250	6A	6A	H CITY WATER PLANT	PETERMAN	6370 MONROE	1	31 55	87 16	195	8A	8A	C	MRS. NINTA EDDINS					
CHAMOT	1566 WASHINGTON	13	31 28	85 15	195	6P	6P	H MRS. ESTHER A. JONES	PHENIX CITY 2 NNW	6398 RUSSELL	8	31 50	87 01	570	8A	8A	TA	C	JOHN D. BENOURE				
CHILDERSBURG	1615 TALLAPOOSA	7	33 17	86 21	480	6A	6A	H N. H. WATSON	PICKENSVILLE	6414 PICKENS	13	53 15	88 16	165	7A	TA	C	MRS. MARY A. MERRICK					
CHILDERSBURG WTR PLANT	1620 TALLADEGA	7	33 17	86 21	480	6A	6A	H HENRY W. EASTERLING	PINE HILL	6460 WILCOX	1	31 59	87 36	110	7A	TA	C	MRS. DELLA L. DARLEY					
CITRUSVILLE	1685 MOBILE	9	31 05	88 14	331	6P	6P	H NRS. CAROLYN R. WATSON	PINE LEVEL	6668 MONTGOMERY	6	32 04	86 04	506	7A	TA	C	MRS. EHA C. PAUL					
CLARENDON	1689 MONROE	1	31 32	87 18	183	7A	TA	H AGNES C. CHRISTENSEN	PLANTERSVILLE 2 SSE	6508 AUTAUGA	1	32 37	86 54	200	7A	TA	C	THOMAS E. FISCHER					
CLAYTON	1694 CHILTON	7	32 51	86 38	380	7A	TA	H JERRY F. KELLEY	PREMONT GROW SCHOOL	6521 JACKSON	12	34 28	86 28	290	6P	6P	C	MRS. LINDA W. MURPHY					
CLAYTON 2	1725 BARBOUR	5	31 54	85 28	615	5P	5P	H B. W. APPLETON	PRATTVILLE	6640 AUTAUGA	1	32 28	86 28	290	6P	6P	C	H CONTINENTAL GIH CO.					
COBEN	1803 MOBILE	9	30 23	88 13	12	5P	5P	H ROBERT E. POPPIE	PRATTVILLE	6684 MONTGOMERY	1	32 18	86 15	180	12P	12P	C	W. E. ELSBERY					
COFFEE SPRINGS 2 NW	1807 GENIVA	5	31 11	85 56	250	6A	6A	H RUSSELLVILLE	RUSHMATAHA	6719 CHOCTAW	13	32 12	86 21	260	8A	8A	C	MRS. JANIE C. BROWN					
COLBERT STEAM PLANT	1819 COLBERT	12	34 44	87 50	470	7A	TA	H ROBERT C. GRESHAM	RUSSELLVILLE	6805 RUSSELLVILLE	12	34 30	85 52	1320	7A	7A	C	MRS. AUTIE KILBURN					
COLLINSVILLE	1849 OE KALB	7	34 15	85 52	734	7A	TA	H RUGEN A. KITE	RED BAY	6819 FRANKLIN	12	34 26	86 08	680	7A	7A	C	HEDSTONE ARSENAL					
COLUMBIA 1 E	1865 HOUSTON	4	31 17	85 06	68	7A	TA	H REUBEN P. HARRIS	REGTONE ARSENAL	6833 MADISON	12	34 55	86 36	573	HIO	HIO	C	MRS. LINDA W. MURPHY					
COLUMBIA 2	1904 WALKER	6	31 46	85 21	58	8A	8A	H WILLIAM L. BARTLETT	REGTONE ARSENAL	6847 PICKENS	13	33 23	86 01	200	7A	7A	C	RUSSELL FINLAY					
COTTONTON	1974 RUSSELL	4	32 09	85 25	217	7A	TA	H H. CLAY PHELPS	RIVER FALLS	6937 COVINGTON	6	31 22	86 32	180	7A	7A	C	ALABAMA ELECTRIC CO.					
CUBA	2019 SUMTER	13	32 26	88 23	215	7A	TA	H IVA-503	RIVER FALLS 2 NE	6986 BALOWIN	9	30 32	87 40	155	7A	7A	C	N MICHAEL W. BALOWIN					
DADEVILLE	2119 TALLAPOOSA	11	32 49	85 45	760	7A	TA	H JAMES M. CREWS	ROCKFORD	7020 COOSA	7	32 55	86 13	650	6A	6A	C	N EDNA NC CEMET.					
DADSWELL	2124 TALLAPOOSA	11	32 50	85 46	730	7A	TA	H ROSS A. HANCKINS	ROCKFORD	7025 RANDOLPH	4	33 09	85 18	645	6P	6P	C	IVA-725					
DANDYVILLE	2143 PICKENS	11	32 34	86 11	1051	6P	6P	H IVA-63-B	RUSSELLVILLE	7126 FRANKLIN	12	34 30	87 44	740	7A	7A	C	RADIO STATION WJHO					
DANVILLE	2149 MORGAN	12	34 25	87 05	600	TA	TA	H SAINT BERNARD	RUSSELLVILLE 2	7131 FRANKLIN	12	34 31	87 44	800	7A	7A	C	H ST. BERNARD COLLEGE					
DAYTON	2168 MARENGO	13	32 21	87 59	220	7A	TA	H CORPS OF ENGINEERS	SAINT BERNARD	7157 CULLMAN	2	34 12	86 47										

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Annely Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Observations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Revisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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 time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Station History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

12.6777
U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



JULY 1961

Volume 67 No. 7



ASHEVILLE: 1961

ALABAMA - JULY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 25th at Lockhart

Lowest Temperature: 48° on the 10+ at Russellville 2 and on the 4th
at Valley Head

Greatest Total Precipitation: 10.90 inches at Atmore State Farm

Least Total Precipitation: 1.84 inches at Thorsby Exp Station

Greatest One-Day Precipitation: 4.28 inches on the 14th at Eufaula

CLIMATOLOGICAL DATA

ALABAMA
JULY 1961

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days			Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No of Days				
										Max	Min	0° or Below					Total	Max Depth on Ground	Date	10 or More	30 or More	100 or More		
																							0° or Above	32° or Below
NORTHERN VALLEY																								
CHENS 2	86.9	64.0	75.5		93	31	54	5+	0	11	0	0	0	3.46		1.20	12	+0	0			7	2	1
ELLE MINA 2 N	88.5	66.0	77.3		95	31+	56	4	0	16	0	0	0	3.21		+68	12	+0	0			7	4	0
CATUR	88.2M	66.5M	77.4M	- 3.8	95	31+	56	4	0	16	0	0	0	2.40	- 2.05	+60	25	+0	0			6	2	0
WALKVILLE	87.9	65.9	76.9		92	31+	53	10	0	15	0	0	0	4.21		1.51	16	+0	0			5	5	1
WINTSVILLE WB AP	89.2	67.2	78.2		96	30	57	4	0	18	0	0	0	2.16		+67	12	+0	0			7	1	0
DIVISION																								
			76.4	- 4.0										3.18	- 1.21			+0						
APPALACHIAN MOUNTAIN																								
BERTVILLE 2 SE	85.1M	64.8M	75.0M	- 3.6	94	31	56	10	0	1	0	0	0	5.85	+94	1.50	8	+0	0			7	5	2
ESSEMER 4 SW	89.1	66.3	77.7		94	31	55	5	0	19	0	0	0	6.31		2.25	13	+0	0			9	5	2
BIRMINGHAM WB AP	88.9	67.9	78.4	- 1.2	93	31+	59	5	0	16	0	0	0	10.17	- 5.06	3.14	12	+0	0			13	7	3
EDGEPORT 2 W	89.3	63.7	76.5		95	31+	52	10+	0	17	0	0	0	3.64		+69	12	+0	0			11	2	0
WINTERSVILLE	87.7	65.2	76.5		95	30	59	12+	0	13	0	0	0	6.00		2.35	13	+0	0			6	4	2
DIVISION																								
			76.1	- 3.0										5.85	+93	1.56	12	+0	0			10	2	1
UPPER PLAINS																								
CEVILLE	90.4				94	31+			0	20	0	0	0	7.46		2.63	12	+0	0			9	5	2
WICKHEAD LOCK AND DAM	88.3	66.4	77.4		92	31+	58	10+	0	15	0	0	0	6.19		1.84	13	+0	0			11	4	1
WINTREVILLE	91.4	67.0	79.2	- 2.2	96	27+	57	5	0	27	0	0	0	3.09	- 2.45	+99	12	+0	0			8	2	0
WINTON	88.4	65.7	77.1	- 3.8	92	31+	57	5	0	17	0	0	0	2.83	- 3.10	+90	21	+0	0			6	2	0
WINDLE SPRINGS	87.3	64.3	75.8		91	30+	54	5	0	11	0	0	0	4.29		1.22	12	+0	0			6	4	2
DIVISION																								
			77.2	- 1.6										5.80	- 1.67	1.01	8	+0	0			10	5	1
EASTERN VALLEY																								
WINDY EXP STATION	88.3	67.8	78.1		92	31+	62	10	0	15	0	0	3	1.84		+53	12	+0	0			6	1	0
CALOOSA FAA AIRPORT	89.0	69.7	79.4		92	26+	61	10+	0	17	0	0	0	4.78		1.78	12	+0	0			9	2	1
CALOOSA OLIVER DAM	88.8	67.5	78.2	- 3.7	95	20	63	6+	0	18	0	0	0	6.08	- 1.15	2.36	13	+0	0			8	4	2
WINDY NON	89.3	65.1	77.2		95	21	55	10+	0	19	0	0	0	6.82		2.54	12	+0	0			13	3	1
DIVISION																								
			77.4	- 3.5										4.97	- 1.35			+0						
PIEDMONT PLATEAU																								
ALEXANDER CITY 6 NE	90.1M	63.7M	76.9M		94	31+	56	5	0	20	0	0	0	4.61		1.61	11	+0	0			10	2	2
WILKINSON 3 SW	90.2	65.4	77.8	- 2.5	94	31	61	5	0	23	0	0	0	4.00	- 1.28	1.74	14	+0	0			4	2	2
WINDY HILL 2 NW	89.2	64.9	77.1		93	31	58	5	0	20	0	0	0	2.63		1.66	12	+0	0			6	1	1
WINDY YETTE	89.6	66.9	78.3		95	31+	61	11	0	17	0	0	0	3.70		+93	11	+0	0			9	2	0
WINDY WATIN DAM	89.9	66.8	78.4		94	31+	62	5	0	24	0	0	0	3.47	- 1.88	+83	11	+0	0			6	3	0
DIVISION																								
			77.1	- 3.3										3.77		1.95	12	+0	0			4	2	2
PRAIRIE																								
WINDY WATON	89.9	68.5	79.2		93	31+	61	2	0	22	0	0	0	8.26		2.30	22	+0	0			13	5	2
WINDY WATON POLIS LOCK AND DAM	89.3	68.2	78.8		93	28+	64	11	0	18	0	0	0	8.10		2.00	13	+0	0			8	6	3
WINDY WATON WATONVILLE	88.8	68.5	78.7		93	28+	62	10	0	18	0	0	0	6.01		1.14	4	+0	0			12	6	1
WINDY WATON WATONVILLE	89.8	68.9	79.4	- 2.6	94	26	64	10	0	21	0	0	0	5.19	+0.05	1.47	12	+0	0			8	4	1
WINDY WATON WATONVILLE	91.1	68.1	79.6		95	23	64	21	0	27	0	0	0	2.30		1.45	12	+0	0			4	1	1

CLIMATOLOGICAL DATA

ALABAMA
JULY 1961

CONTINUED

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max		Min.						Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	70° or Below	32° or Below	0° or Below														
LIVINGSTON	90.3	68.2	79.3		95	2	63	5	0	21	0	0	0	7.93		1.63	11	+0	0			11	8	2			
MARION JUNCTION 2 NE	88.5	68.4	78.5		92	31	62	6+	0	15	0	0	0	3.49		.90	11	+0	0			9	2	0			
MINTER 3 NW	89.6	68.1	78.9		93	20	65	4	0	22	0	0	0	4.72		.87	11	+0	0			10	2	0			
MONTGOMERY WB AP	90.5	70.4	80.5	-.7	94	26	65	5	0	24	0	0	0	3.78	-1.98	1.03	28	+0	0			8	3	1			
SELMA	91.6	70.2	80.9	+.8	95	26+	64	5	0	26	0	0	0	5.12	+.12	1.72	12	+0	0			8	2	2			
TUSKEGEE 2	92.0M	68.9M	80.5M		95	31+	62	18	0	21	0	0	0	5.19		1.29	12	+0	0			6	4	3			
UNION SPRINGS 5 S	89.5	69.9	79.7	-1.2	93	31+	67	11	0	20	0	0	0	5.65	-.82	2.40	12	+0	0			5	3	2			
DIVISION			79.5	-2.0										5.48	-.03			+0									
COASTAL PLAIN																											
ANDALUSIA 1 NW	90.8	66.8	78.8		95	26	62	1	0	22	0	0	0	3.68		1.20	21	+0	0			9	2	1			
ATHORE STATE FARM	90.2	68.5	79.4		94	26+	64	1	0	19	0	0	0	10.90		2.35	11	+0	0			15	8	4			
BRANTLEY	92.4	66.3	79.4		97	26+	63	10	0	28	0	0	0	2.82	-4.09	-.74	27	+0	0			8	2	0			
BREWTON 3 SSE	91.9	67.0	79.5	-1.0	95	31+	62	1	0	26	0	0	0	5.27	-2.76	1.03	22	+0	0			11	5	1			
CAMOEN 3 NNW	91.6	67.6	79.6		95	31+	64	10+	0	27	0	0	0	6.59		1.00	17	+0	0			15	4	1			
CHATOM	91.3	65.6	78.5		95	20+	61	1	0	25	0	0	0	5.80		1.27	20	+0	0			11	5	1			
CLAYTON	89.0M	66.3M	77.7M		94	28	64	19+	0	14	0	0	0	6.17	-.27	1.70	12	+0	0			8	6	2			
OOZHAN FAA AIRPORT	90.5M	71.0M	80.8M		97	26	68	18+	0	22	0	0	0	7.57	+.87	1.34	26	+0	0			12	7	3			
ENTERPRISE	90.9	68.9	79.9		96	26	66	14	0	21	0	0	0	5.57		1.65	14	+0	0			10	3	1			
EUFULA	91.6	68.7	80.2	-1.6	96	31	66	3+	0	25	0	0	0	9.69	3.01	4.28	14	+0	0			6	4	3			
EVERGREEN	91.2	68.7	80.0		95	21	65	1	0	25	0	0	0	5.64		1.31	18	+0	0			11	3	2			
EVERGREEN FAA AIRPORT																											
FRISCO CITY	90.5	68.0	79.3		94	26+	65	11+	0	22	0	0	0	5.38	-1.42	+.78	31+	+0	0			14	5	0			
GENEVA	92.3	68.9	80.6		97	27	65	1	0	27	0	0	0	3.71	-3.01	+.78	27	+0	0			10	2	0			
GILBERTOWN	91.4	65.3	78.4		96	19	60	27+	0	26	0	0	0	4.47		1.79	11	+0	0			10	2	1			
GREENVILLE	91.1	68.7	79.9	-1.6	95	25+	66	18+	0	24	0	0	0	5.46	-1.66	1.21	12	+0	0			10	4	2			
HEAOLANO	90.4	69.5	80.0		96	26	66	1	0	21	0	0	0	5.84		1.28	21	+0	0			11	5	2			
HIGHLAND HOME	88.6	67.7	78.2	-3.0	95	27	61	2	0	16	0	0	0	4.05	-2.87	1.65	12	+0	0			8	2	1			
LOCKHART	91.1	69.0	80.1		98	25	64	1	0	22	0	0	0	8.28		2.15	28	+0	0			10	5	3			
NATCHEZ	90.7	65.8	78.3		94	26+	62	10	0	26	0	0	0	3.91		+.82	12	+0	0			10	2	0			
OZARK 6 NNW	90.8	67.8	79.3	-1.6	96	27	65	29+	0	25	0	0	0	6.07	-.47	1.62	9	+0	0			10	4	2			
PHENIX CITY 2 NNW	89.4	68.6	79.0		94	27	63	12	0	18	0	0	0	4.37		1.66	12	+0	0			6	3	1			
PUSHMATAHA	90.0	67.5	78.8	-1.7	93	29+	62	10+	0	21	0	0	0	3.87	-1.66	1.26	12	+0	0			9	2	1			
SEALE	91.3	66.4	78.9		97	31	63	28+	0	24	0	0	0	3.45		1.83	13	+0	0			4	2	2			
THOMASVILLE	89.2	67.1	78.2	-2.6	93	26+	63	4	0	18	0	0	0	3.97	-2.46	-.86	13+	+0	0			9	3	0			
TROY	90.0M	68.5M	79.3M	-1.4	95	25	62	28	0	20	0	0	0	3.45	-2.95	+.96	9	+0	0			7	3	0			
WHATLEY	91.6	65.9	78.8		96	19	62	1	0	25	0	0	0	3.06		+.58	24	+0	0			10	2	0			
DIVISION			79.3	-1.7										5.35	-1.64			+0									
GULF																											
BAY MINETTE	88.6	69.8	79.2		94	25	64	9+	0	14	0	0	0	10.15		2.60	7	+0	0			13	7	3			
CITRONELLE	90.0	69.5	79.8	-1.2	95	26+	67	21+	0	21	0	0	0	9.16	-.83	2.85	26	+0	0			16	5	1			
CODEN	90.9	71.0	81.0		94	26+	65	1	0	25	0	0	0	3.99		1.70	11	+0	0			8	1	1			
FAIRHOPE	89.7	70.8	80.3	-.9	93	26+	65	2	0	21	0	0	0	6.14	-3.32	1.38	20	+0	0			10	4	2			
FORT MORGAN	88.0	70.5	81.8		91	26	69	4	0	8	0	0	0	3.79		1.30	9	+0	0			7	3	1			
MOBILE WB AIRPORT	90.0	71.2	80.6	-.1	94	26	68	4+	0	20	0	0	0	4.80	-4.17	+.85	28	+0	0			10	4	0			
MOBILE	90.2	73.9	82.1		95	27+	67	11	0	17	0	0	0	3.28		+.95	4	+0	0			6	3	0			
ROBERTSOLA 1 E	90.4	69.1	79.8		96	27	63	1	0	20	0	0	0	5.97		1.86	10	+0	0			10	4	2			
DIVISION			80.6	-.7										5.91	-3.38			+0									

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 p. CST	Trace	01-09	10-49	50-99	100-199			200 and over	Total
BIRMINGHAM WB AIRPORT	SSW	10	6.1	33	SW	22+	92	95	62	73	5	4	6	4	2	1	22	88	8.3
HUNTSVILLE WB AIRPORT	SE	14	5.4	17+	SSE	20	85	88	57	62	4	7	6	1	0	0	18	-	8.2
MOBILE WB AIRPORT	S	13	6.7	34+	NW	3	90	91	63	73	7	7	6	4	0	0	24	-	8.8
MONTGOMERY WB AIRPORT	SW	13	6.4	29	W	17	94	95	62	72	5	4	4	2	1	0	18	88	8.1

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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		
BERTVILLE 2 SE	MAX 88	86	84	80	85	89	89	84	84	81	83	74	78	80	85	83	83	84	86	86	89	87	88	89	87	85	85	89			88	94	85.1
	MIN 64	64	61	57	59	60	69	65	65	56	57	61	66	63	66	69	65	66	70	67	67	68	69	68	66	67	68			69	66	64.8	
EXANDER CITY 6 NE	MAX 89		88	92	91	91	90	89	85	81	86	89	88	91	90	91	90	92	91	89	90	91	92	92	93	93	91	92	94	94	90.1		
	MIN 65	64	67	63	59	65	64	67	63	58	61	63	64	64	64	69	64	65	64	64	63	60	66	64	65	65	65	67			64	64	63.7
ICEVILLE	MAX 88	87	87	88	89	88	90	91	91	89	88	88	86	89	90	92	90	91	90	91	94	93	92	92	91	92	92	93	93	93	94	90.4	
	MIN 65	64	67	63	59	65	64	67	63	58	61	63	64	64	64	69	64	65	64	64	63	60	66	64	65	65	65	67			64	64	63.7
DALUSIA 1 NW	MAX 89	90	89	89	88	91	92	89	88	88	86	85	92	90	92	93	90	91	90	92	93	90	90	94	93	95	94	93	92	94	94	90.8	
	MIN 62	63	65	67	65	66	67	65	70	65	69	68	69	67	68	66	68	64	67	69	69	68	67	64	68	69	68	68	67	65	67	66.8	
WILSON FAA AIRPORT	MAX 92	89	87	88	91	94	86	87	88	88	74	84	88	89	88	90	90	88	90	90	89	92	88	91	91	92	93	93	91	93	89.3		
	MIN 65	64	67	63	59	65	69	68	64	61	67	66	67	63	67	70	67	67	70	66	66	68	71	70	67	68	67	68	68	68	72	66.6	
WENS 2	MAX 91	87	82	83	87	88	88	84	86	83	85	77	83	81	85	89	81	81	88	91	92	90	91	90	86	91	86	90	92	92	93	86.9	
	MIN 60	62	57	54	54	58	68	65	60	58	67	62	61	66	68	67	65	63	70	69	67	66	67	67	67	64	65	65	68	68	65	64.0	
WORE STATE FARM	MAX 88	87	87	86	89	93	92	88	89	87	81	89	91	91	92	90	92	91	94	93	89	91	92	92	94	94	91	89	90	91	93	90.2	
	MIN 64	68	68	67	67	70	71	67	70	66	69	67	71	68	70	72	67	66	69	69	67	69	70	67	70	72	69	69	67	68	69	68.5	
BURN 3 SW	MAX 89	90	88	89	91	93	93	90	85	90	85	74	87	85	90	91	91	91	91	92	93	91	92	93	92	93	93	93	93	94	90.2		
	MIN 63	64	63	63	59	66	64	68	67	63	63	65	66	63	67	69	67	63	66	67	65	66	67	66	67	68	68	65	63	66	65	65.4	
WINKHEAD LOCK AND DAM	MAX 88	89	88	86	87	90	90	92	85	87	85	77	83	85	88	90	86	87	90	91	90	89	90	88	88	90	91	92	91	91	92	88.3	
	MIN 64	62	65	68	58	61	66	69	65	58	63	65	68	67	70	69	67	67	70	68	66	68	68	66	69	68	68	69	67	68	67	66.4	
Y MINETTE	MAX 87	86	88	86	92	92	89	85	85	87	81	88	87	90	92	91	91	90	93	90	85	88	85	89	94	93	88	84	90	90	92	88.6	
	MIN 64	70	69	69	70	71	69	69	64	68	70	69	74	72	74	69	70	68	70	70	69	73	70	72	70	71	69	70	69	70	71	69.8	
LE MINA 2 N	MAX 92	90	85	88	90	90	85	84	84	84	81	83	81	89	87	83	80	90	91	95	91	93	89	87	92	90	93	94	93	94	95	88.5	
	MIN 66	64	65	56	58	60	70	67	62	58	67	64	68	67	70	69	68	66	71	70	67	68	67	67	69	66	67	68	70	67	67	66.0	
ESSEMER 4 SW	MAX 91	90	86	88	90	92	86	87	87	85	75	80	87	89	90	88	90	90	92	92	89	91	90	91	92	91	92	92	93	93	89.1		
	MIN 63	62	66	66	55	62	70	69	66	56	64	65	67	68	70	71	67	66	71	69	68	69	69	67	67	67	67	66	68	67	67	66.3	
BIRMINGHAM W8 AP	MAX 92	92	89	88	91	93	87	86	88	85	76	77	88	89	89	89	88	88	90	92	90	88	90	90	91	91	91	92	92	92	93	88.9	
	MIN 65	64	66	63	59	64	73	70	64	62	64	66	69	68	72	72	69	69	92	92	69	70	70	70	69	70	69	69	70	69	69	67.9	
ANTLEY	MAX 91	92	90	91	88	92	93	91	91	90	86	84	91	93	92	94	92	95	92	97	95	93	92	95	94	97	96	95	93	94	95	92.4	
	MIN 64	64	64	66	66	66	66	65	68	63	69	67	67	65	67	72	68	64	66	64	68	67	68	65	67	68	68	65	64	66	68	66.3	
EWTON 3 5SE	MAX 91	90	92	86	92	95	92	91	89	86	86	91	93	93	94	92	95	92	95	95	88	92	92	95	95	91	91	93	95	93	95	91.9	
	MIN 62	63	65	68	68	68	75	65	69	65	71	67	68	66	67	67	68	64	66	67	65	66	67	68	68	69	69	69	65	65	66	67.0	
LOGEPORT 2 W	MAX 92	90	86	89	92	90	88	89	83	84	81	81	84	88	89	88	85	91	83	94	93	93	94	90	91	90	91	94	94	95	95	89.3	
	MIN 61	62	64	52	55	58	67	65	59	52	58	61	65	66	65	66	67	68	65	64	66	68	69	67	69	67	65	62	66	67	68	63.7	
LEORA 2 SW	MAX 91	88	89	88	90	92	91	89	88	86	87	85	86	88	90	89	90	89	91	93	90	90	92	88	92	93	93	92	93	95	95	90.1	
	MIN 63	61	66	65	56	62	63	62	69	57	56	55	58	65	71	70	67	65	69	67	66	67	67	67	66	68	65	64	66	67	66	64.4	
MOEN 3 NNW	MAX 92	89	91	90	92	95	91	87	90	88	83	90	93	92	92	91	92	90	95	95	92	93	93	93	93	95	92	92	92	92	95	91.6	
	MIN 64	66	66	66	65	66	67	68	68	64	69	68	69	68	71	71	67	65	67	68	67	69	69	67	67	71	69	68	68	68	65	67.6	
MP HILL 2 NW	MAX 88	90	88	89	87	90	90	90	87	87	85	90	87	89	89	90	90	90	90	92	91	91	92	91	90	92	92	92	92	93	89.2		
	MIN 62	63	66	63	58	64	66	68	63	60	64	62	65	63	64	71	66	66	66	65	65	65	66	67	66	68	68	66	64	66	67	64.9	
NRE 5 SW	MAX 90	92	89	85	88	90	93	87	89	85	85	76	87	85	87	86	88	88	88	87	92	89	92	91	90	91	90	92	93	91	93	88.7	
	MIN 62	65	66	58	57	62	66	65	63	57	60	63	64	63	65	69	67	68	66	65	67	68	67	69	68	67	66	66	67	68	66	64.8	
NTRVILLE	MAX 90	92	92	91	92	93	94	89	90	90	85	78	85	91	90	94	92	91	92	93	93	92	92	94	93	96	96	92	93	93	94	91.4	
	MIN 64	62	66	67	67	62	70	69	67	59	68	67	68	66	69	72	69	66	70	70	67	67	68	70	69	68	69	67	68	68	68	67.0	
ATOM	MAX 91	88	89	90	93	93	92	87	90	89	83	90	91	93	94	90	90	95	95	95	93	92	88	93	94	93	94	91	90	93	92	91.3	
	MIN 61	64	64	67	63	65	71	66	68	62	68	68	67	65	67	66	65	64	67	66	65	67	65	67	64	67	65	65	66	65	64	65.6	
LOERSBURG WTR PLANT	MAX 92	89	88	87	90	92	91	86	86	85	83	85	88	89	90	90	89	91	90	90	90	92	92	91	91	91	93	93	92	93	94	89.8	
	MIN 65	63	67	65	56	65	70	69	66	59	64	64	65	65	68	69	66	68	67	67	66	65	66	68	67	67	68	66	67	67	66	66.0	
TRONELLE	MAX 85	87	87	85	92	93	90	86	88	90	81	88	88	90	92	93	91	91	92	91	92	92	92	92	95	95	91	89	90	92	90	90.0	
	MIN 67	69	69	68	70	70	71	69	71	68	69	69	71	71	72	68	68	68	72	69	67	70	71	70	69	72	69	69	69	70	70	69.5	
ANTON	MAX 89	91	88	88	88	90	92	88	87	86	82	88	84	88	88	90	89	90	90	91	89	90	90	91	90	91	91	90	90	90	92	88.4	
	MIN 64																																

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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	
FAYETTE	MAX	93	90	90	89	90	92	85	89	88	86	76	82	84	89	90	87	84	94	94	95	92	95	93	87	92	93	92	94	94	95	92	89
	MIN	57	64	63	61	66	60	68	60	59	58	64	66	67	66	69	64	65	64	66	70	66	58	62	69	68	66	68	67	66	67	64	67
FORT MORGAN	MAX	85	84	85	86	87	88	88	88	84	84	88	88	88	89	89	89	89	90	90	89	90	90	89	90	91	90	88	89	90	88	89	90
	MIN	72	70	70	69	74	78	73	74	70	72	70	70	72	80	79	81	78	77	77	79	76	78	80	77	77	78	79	74	76	80	79	75
FRISCO CITY	MAX	91	88	88	88	85	89	92	90	88	89	86	82	90	90	92	93	92	92	91	93	94	90	91	92	93	94	93	93	91	92	92	90
	MIN	65	67	68	67	67	69	70	68	70	65	65	67	70	68	70	71	68	66	68	69	67	70	70	67	69	71	66	67	67	67	68	64
GAOSON GAS PLANT	MAX	92	89	84	89	90	92	86	87	84	86	77	75	86	88	86	86	86	88	86	92	89	91	91	88	91	90	92	93	91	94	94	88
	MIN	61	63	64	68	55	61	69	64	62	55	65	63	64	64	65	69	67	68	67	66	67	68	68	69	68	67	66	63	66	67	66	65
GAINESVILLE	MAX	90	91	88	85	88	90	92	84	85	85	85	78	85	90	90	90	89	88	90	92	93	88	88	91	90	91	90	93	92	91	91	88
	MIN	66	64	68	66	63	66	71	69	68	62	68	70	67	68	71	71	68	68	71	73	70	69	70	69	70	70	70	68	69	69	71	68
GENEVA	MAX	91	94	93	92	87	94	94	92	91	89	85	85	91	93	93	93	92	90	92	92	96	95	91	94	93	96	97	93	94	94	95	92
	MIN	65	67	67	69	66	69	70	69	70	68	70	70	71	67	69	70	70	67	69	70	68	70	69	70	69	70	71	71	67	68	68	71
GILBERTOWN	MAX	91	90	92	89	93	93	92	85	90	87	80	89	93	93	94	92	90	93	96	95	92	91	91	93	95	93	95	91	93	90	90	91
	MIN	63	63	60	68	64	63	63	63	69	67	67	68	68	64	68	67	64	64	67	69	65	69	65	63	66	68	60	64	65	66	64	65
GREENSBORO	MAX	91	91	89	90	90	92	86	86	86	85	86	85	89	89	90	88	91	90	88	91	92	91	91	92	91	93	94	91	90	90	90	88
	MIN	66	65	65	67	67	67	71	69	69	64	70	68	67	69	71	71	70	67	71	71	68	71	68	71	69	71	71	69	70	68	70	71
GREENVILLE	MAX	91	90	89	87	91	93	93	88	89	86	80	88	90	92	92	92	94	90	94	95	90	90	93	94	95	94	93	91	92	93	94	90
	MIN	66	66	67	68	68	68	69	70	69	67	69	67	69	68	70	71	69	66	67	67	67	67	67	69	69	70	69	67	69	69	66	67
GUNTERSVILLE	MAX	85	87	87	89	88	86	86	86	86	85	72	82	84	84	84	84	91	91	91	88	92	91	91	93	95	93	95	91	93	90	90	91
	MIN	61	61	62	64	59	62	63	65	63	59	61	59	63	67	70	62	70	67	68	67	67	67	67	69	69	70	69	67	69	69	66	67
HALEYVILLE	MAX	92	93	90	85	88	89	91	80	89	84	86	74	80	74	86	83	78	89	91	91	91	91	89	86	90	89	86	90	92	91	88	88
	MIN	62	64	64	58	55	60	68	67	59	54	66	67	68	67	69	65	67	64	66	72	66	67	68	67	64	65	65	66	66	69	65	65
HAMILTON	MAX	90	90	87		87	89	91	81	85	83	85	80	79	75	86	85	82	77	89	89	92	88	90	89	85	88	90	92	91	91	91	88
	MIN	63	62	63		54	59	67	68	60	58	66	63	67	65	69	65	65	61	65	69	65	66	67	65	66	67	67	65	65	65	65	65
HAYNEVILLE	MAX	90	90	91	90	91	92	93	91	87	90	89	90	89	90	91	92	90	91	93	92	94	95	92	93	91	90	87	92	93	90	87	93
	MIN	66	65	65	66	66	65	66	65	66	67	70	65	70	67	72	72	69	67	69	71	64	70	71	68	70	71	70	69	69	72	68	68
HEADLAND	MAX	87	90	92	88	89	91	91	85	89	87	82	83	89	90	92	92	89	91	91	90	92	90	92	94	95	96	92	93	94	90	91	88
	MIN	66	68	68	68	69	71	69	68	68	68	68	69	71	67	70	72	72	68	69	69	68	70	72	70	72	70	72	70	70	70	70	69
HIGHLAND HOME	MAX	90	88	87	85	87	87	89	88	85	85	83	80	85	87	90	90	89	92	87	90	90	91	91	91	91	92	95	91	90	90	91	88
	MIN	64	61	65	65	66	69	68	68	69	68	68	67	68	67	70	70	65	64	70	67	67	69	71	68	71	72	68	66	67	69	70	68
HUNTSVILLE W8 AP	MAX	94	93	84	90	92	92	85	88	83	87	79	85	81	90	88	83	81	91	90	94	92	93	92	87	93	87	94	94	96	94	96	94
	MIN	65	66	63	57	59	63	68	66	64	60	65	65	70	68	70	69	69	69	72	71	68	70	70	69	71	68	68	70	72	69	66	
JASPER 4 N	MAX	92	92	86	88	90	92	83	83	83	85	74	79	84	86	87	85	83	90	91	92	90	93	91	86	90	91	91	91	93	93	93	88
	MIN	60	60	62	57	52	56	67	68	61	62	63	63	66	63	67	66	62	63	67	67	67	63	64	66	67	68	64	64	65	63	63	63
LAFAYETTE	MAX	90	89	89	87	90	90	90	86	88	85	79	87	88	87	89	91	89	88	91	90	88	91	92	91	93	94	93	91	92	95	95	89
	MIN	65	66	67	65	63	70	68	69	65	62	61	64	67	64	69	72	67	66	66	68	65	67	68	65	67	68	68	67	69	69	69	68
LIVINGSTON	MAX	90	95	89	89	90	89	84	87	86	92	78	85	92	92	93	92	87	91	94	94	88	90	91	93	94	93	94	92	92	91	90	90
	MIN	64	64	65	66	63	67	70	69	65	68	66	66	69	68	71	70	69	68	70	72	69	66	67	69	70	71	71	68	69	70	69	68
LOCKHART	MAX	88	92	92	90	88	91	94	89	90	89	83	85	90	92	91	92	89	89	91	92	95	92	87	93	98	95	96	93	92	92	95	90
	MIN	64	66	68	69	67	69	70	68	71	67	70	69	72	68	70	72	73	66	69	69	68	70	69	69	70	70	69	67	68	69	72	67
MADISON	MAX	90	90	89	81	87	88	90	84	86	81	85	76	82	81	88	86	80	82	89	90	92	90	91	86	90	87	91	92	91	93	88	
	MIN	62	64	54	56	58	61	69	66	63	57	67	63	68	65	67	68	66	65	69	68	66	67	68	67	68	66	66	67	69	67	67	
MARION JUNCTION 2 NE	MAX	89	87	88	87	88	91	88	86	85	83	78	86	89	88	89	90	88	89	90	90	90	90	90	90	91	91	90	90	91	91	92	88
	MIN	67	66	67	68	62	62	70	69	68	64	68	68	69	67	72	72	68	68	69	70	68	70	70	69	69	71	71	69	69	70	71	68
MARTIN OAM	MAX	90	90	90	88	90	90	90	84	86	84	81	87	91	90	91	92	90	88	90	92	91	90	93	92	94	91	91	92	92	93	94	88
	MIN	64	64	67	66	62	67	66	72	66	68	65	67	66	64	68	70	67	65	67	66	66	67	63	67	70	69	71	67	67	69	68	66
MINTER 3 NW	MAX	90	87	89	87	90	91	88	85	87	87	80	77	90	90	90	92	91	92	93	91	92	91	91	92	92	92	92	92	92	92	92	88
	MIN	66	66	66	65	66	69	68	69	66	66	68	70	69	70	71	68	66	68	69	68	69	70	67	68	70	67	68	67	69	70	70	68
MOBILE W8 AIRPORT	MAX	85	87	91	87	91	93	92	91	88	86	84	88	90	90	92	93	93	91	92	92	90											

DAILY TEMPERATURES

ALABAMA
JULY 1961

Continued

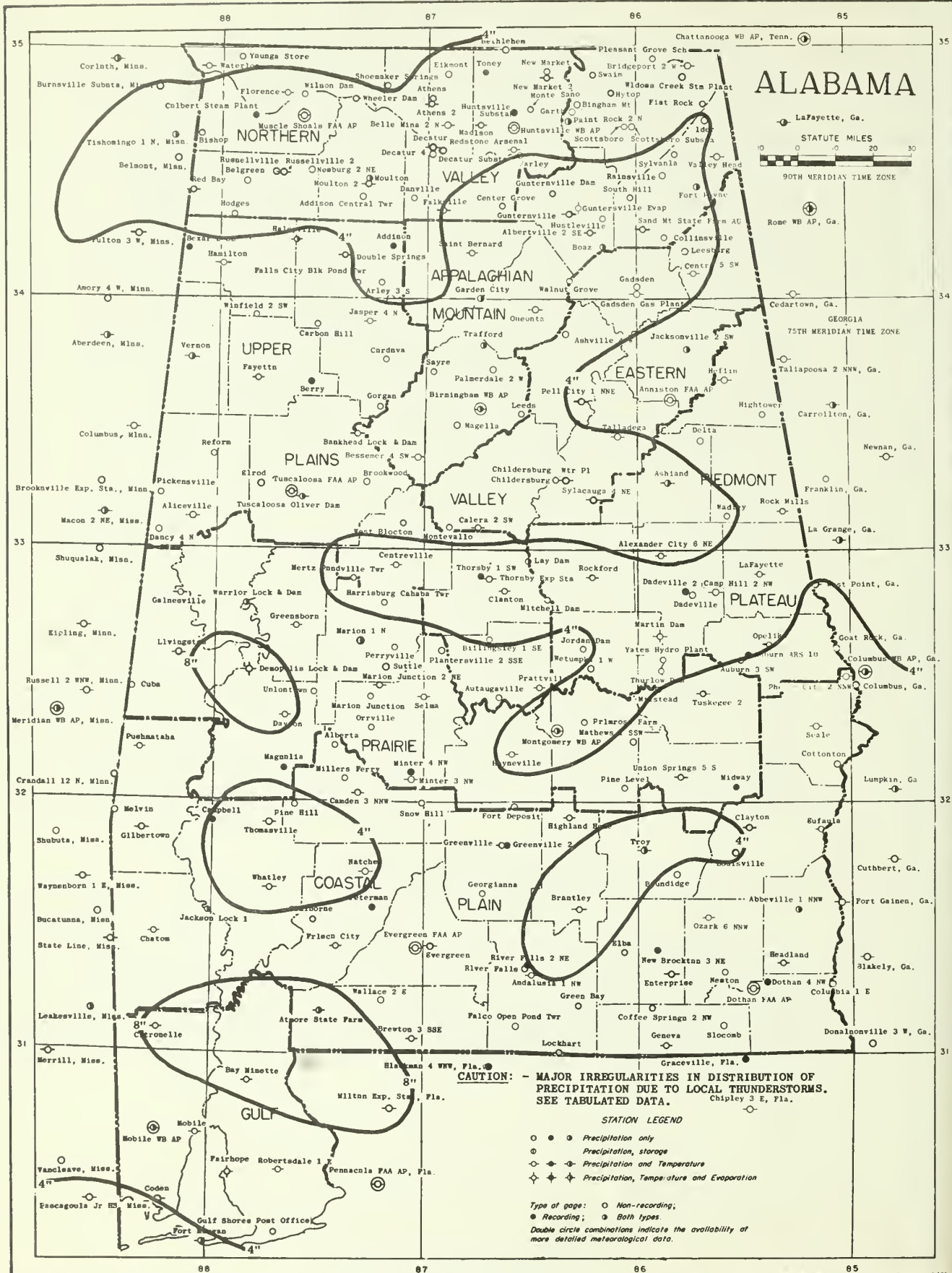
Station	Day Of Month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
RED BAY	MAX	90	91	90	85	89	90	92	80	85	85	74	81	77	78	87	86	82	77	88	81	93	90	92	92	84	90	88	91	94	94	95	86.8	
	MIN	69	65	65	55	62	65	70	69	61	59	64	61	67	65	69	67	67	66	67	72	68	68	70	68	68	66	67	69	70	71	70	66.5	
REDSTONE ARSENAL	MAX	92	88	83	88	89	89	84	86	81	83	77	81	80	86	85	81	81	89	90	92	89	90	89	86	89	82	91	92	93	92	93	86.8	
	MIN	62	63	61	55	56	59	61	64	56	53	63	65	60	65	65	69	65	71	69	68	67	71	70	68	67	68	68	65	68	69	66	64.8	
ROBERTSVALE 1 E	MAX	90	89	87	90	88	91	93	91	92	86	88	84	89	90	91	92	92	93	91	94	92	88	89	88	91	95	96	92	90	89	92	90.4	
	MIN	63	67	68	68	68	69	70	69	68	67	70	70	70	71	72	72	70	67	69	69	68	70	69	69	70	71	69	69	69	69	71	69.1	
ROCKFORD	MAX	90	92	90	88	88	91	91	92	92	88	90	71	85	88	90	90	88	92	93	93	93	92	92	92	92	93	93	92	92	93	93	90.3	
	MIN	61	60	62	61	57	60	60	64	62	60	62	63	64	64	65	69	64	65	65	65	65	64	65	64	64	64	65	63	65	65	64	63.2	
ROCK MILLS	MAX	92	89	89	90	92	91	90	85	89	84	81	86	88	89	90	92	90	93	92	90	92	87	92	93	93	94	93	94	94	95	90.3		
	MIN	61	62	68	62	58	62	65	68	62	62	62	63	64	64	65	65	65	65	65	64	65	64	65	64	65	65	67	66	67	65	63	64.2	
RUSSELLVILLE 2	MAX	90	91	89	85	87	88	91	84	87	82	85	75	81	77	87	80	82	79	87	89	90	88	89	90	86	88	88	90	91	92	86.5		
	MIN	59	62	60	48	50	56	65	66	57	48	59	63	67	68	70	67	63	60	67	68	65	62	67	66	66	64	63	62	64	67	63	62.3	
SAINT BERNARD	MAX	88	87	83	81	87	87	91	83	84	86	85	76	79	82	87	85	86	82	88	88	91	88	91	90	88	89	88	90	91	93	86.6		
	MIN	67	65	65	60	55	65	60	68	63	56	64	62	66	65	67	69	66	65	68	67	66	67	68	68	69	67	66	67	67	68	66	65.2	
SAND MT STATE FARM A U	MAX	89	85	82	86	86	88	83	84	82	83	76	77	82	85	84	84	83	85	85	88	86	88	87	86	87	85	88	89	88	89	89	85.1	
	MIN	62	63	64	54	55	57	58	65	61	60	62	62	66	66	69	68	67	66	70	68	69	68	69	69	68	68	68	68	68	69	70	65.1	
SCOTTSBORO	MAX	90	91	90	84	88	90	84	88	83	85	80	82	83	88	87	86	85	87	88	90	92	90	92	88	90	88	90	88	91	93	88.1		
	MIN	62	61	62	53	55	59	69	64	60	54	61	62	65	65	65	68	65	69	67	65	64	64	67	67	67	66	65	64	67	67	66	63.7	
SEALE	MAX	92	89	90	89	92	92	91	87	88	85	81	90	88	91	92	92	93	91	91	93	91	94	93	93	95	95	94	93	94	95	97	91.3	
	MIN	64	67	67	66	63	67	64	68	69	63	65	65	65	65	68	67	65	65	67	67	67	70	68	67	69	69	67	63	65	67	65	66.4	
SELMA	MAX	91	90	90	90	91	94	92	89	88	86	82	85	94	92	93	93	92	92	94	95	92	94	93	92	94	95	93	93	93	94	91.6		
	MIN	69	67	68	68	64	69	71	70	69	65	71	70	69	62	93	73	72	69	71	72	70	72	72	70	71	73	73	71	70	72	73	70.2	
SYLACAUGA 4 NE	MAX	90	89	88	88	90	92	85	86	87	85	79	84	86	89	90	90	89	89	90	91	89	90	91	90	91	92	93	91	91	93	93	89.1	
	MIN	63	62	65	61	56	66	67	69	65	59	64	66	66	64	68	70	66	67	67	65	65	67	68	67	66	67	67	65	66	67	65	65.4	
TALLAOGEA	MAX	90	88	87	85	88	89	86	84	85	84	78	84	87	88	88	89	88	87	90	89	88	90	91	88	89	90	90	89	91	92	87.8		
	MIN	62	62	66	65	57	64	69	67	64	60	64	65	65	64	68	70	65	66	67	66	66	67	68	69	67	68	67	66	67	66	66	65.5	
THOMASVILLE	MAX	89	87	86	89	85	89	92	90	84	88	85	82	88	90	89	90	90	90	92	93	90	88	90	90	90	93	91	92	90	92	92	89.2	
	MIN	64	66	66	63	65	67	69	67	69	64	69	67	68	67	71	70	68	65	69	69	66	69	68	66	66	69	63	69	66	67	66	67.1	
THORSBY EXP STATION	MAX	88	87	88	88	90	92	85	86	86	84	75	84	87	88	88	88	89	90	90	92	89	90	90	90	91	90	90	90	91	92	88.3		
	MIN	65	64	65	66	66	68	72	70	66	62	65	66	68	68	71	71	69	66	69	68	68	68	68	68	68	70	68	66	68	70	70	67.8	
TROY	MAX	84	88	89	83	90	92	88	88	86	88	80	87	91	92	91	92	93	88	91	94	91	91	92	93	95	93	92	91	94	94	90.0		
	MIN	68	68	67	67	68	69	69	69	69	66	69	67	70	68	70	70	71	66	69	70	67	71	70	68	72	72	68	62	63	72	68.5		
TUSCALOOSA FAA AIRPORT	MAX	91	88	87	89	89	91	85	87	89	86	76	84	88	88	91	88	90	90	92	92	90	92	90	89	92	92	90	91	90	91	89.0		
	MIN	67	65	69	65	61	64	73	72	68	61	69	72	70	69	73	78	71	72	74	73	71	71	72	70	71	72	70	71	71	71	69.7		
TUSCALOOSA OLIVER OAM	MAX	90	90	88	86	90	90	92	83	87	87	86	75	83	88	89	90	87	88	91	95	92	90	90	90	89	91	93	90	91	90	91	88.8	
	MIN	66	63	67	67	65	63	65	69	66	64	64	69	67	65	66	70	71	68	67	70	72	68	69	68	68	68	70	67	67	65	77	67.5	
TUSKEGEE 2	MAX	93	92	93	86	85	70	69	70	69	68	64	67	68	67	71	71	71	62	69	70	69	70	69	70	69	72	78	70	68	68	71	70	68.9
	MIN	68	67	68	68	65	70	69	70	69	68	64	67	68	67	71	71	71	62	69	70	69	70	69	70	69	72	78	70	68	68	71	70	68.9
UNION SPRINGS 5 5	MAX	87	86	87	86	88	91	92	91	88	89	84	75	86	89	91	90	92	91	90	90	91	91	90	93	92	93	92	92	92	93	89.5		
	MIN	71	70	70	69	70	70	70	70	69	69	67	68	68	70	70	72	70	69	69	70	71	70	71	70	71	70	71	70	71	70	72	69.9	
VALLEY HEAD	MAX	89	90	88	82	86	88	88	83	85	83	84	76	77	83	85	84	85	84	87	87	91	88	92	90	88	88	86	90	92	91	92	86.5	
	MIN	59	57	60	48	52	57	65	64	56	62	60	60	62	64	62	65	64	64	62	63	67	64	65	65	65	64	63	62	63	64	63	61.6	
VERNON	MAX	91	93	90	88	90	91	92	85	89	86	88	75	82	83	87	91	86	80	92	91	95	91	94	92	88	92	92	94	93	94	93	89.3	
	MIN	63	61	63	59	55	60	69	68	62	55	66	65	67	67	69	67	64	65	68	68	67	67	68	69	67	65	68	66	67	67	67	65.1	
WATERLOO	MAX	89	90	89	86	87	89	87	89	90	82	85	77	82	84	88	86	84	82	90	91	91	90	91	90	86	89	89	90	89	90	88	87.4	
	MIN	60	63	69	50	52	57	58	56	55	49	69	63	71	70	68	69	70	67	69	74	70	72	71	70	69	64	64	66	65	66	65	64.5	
WHATLEY	MAX	91	89	89	88	90	94	92	86	90	88	85	91	92	91	94	94	93	93	96	95	91	91	90	92	95	94	93	92	94	93	93	91.6	
	MIN	62	64	64	66	65	64	68	65	70	64	70	67	67	65	68	68	64	65	66	67	65	66	67	65	66	67	65	66	66	63	64	65.9	

EVAPORATION AND WIND

Station	Day of month																														
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TOTAL PRECIPITATION

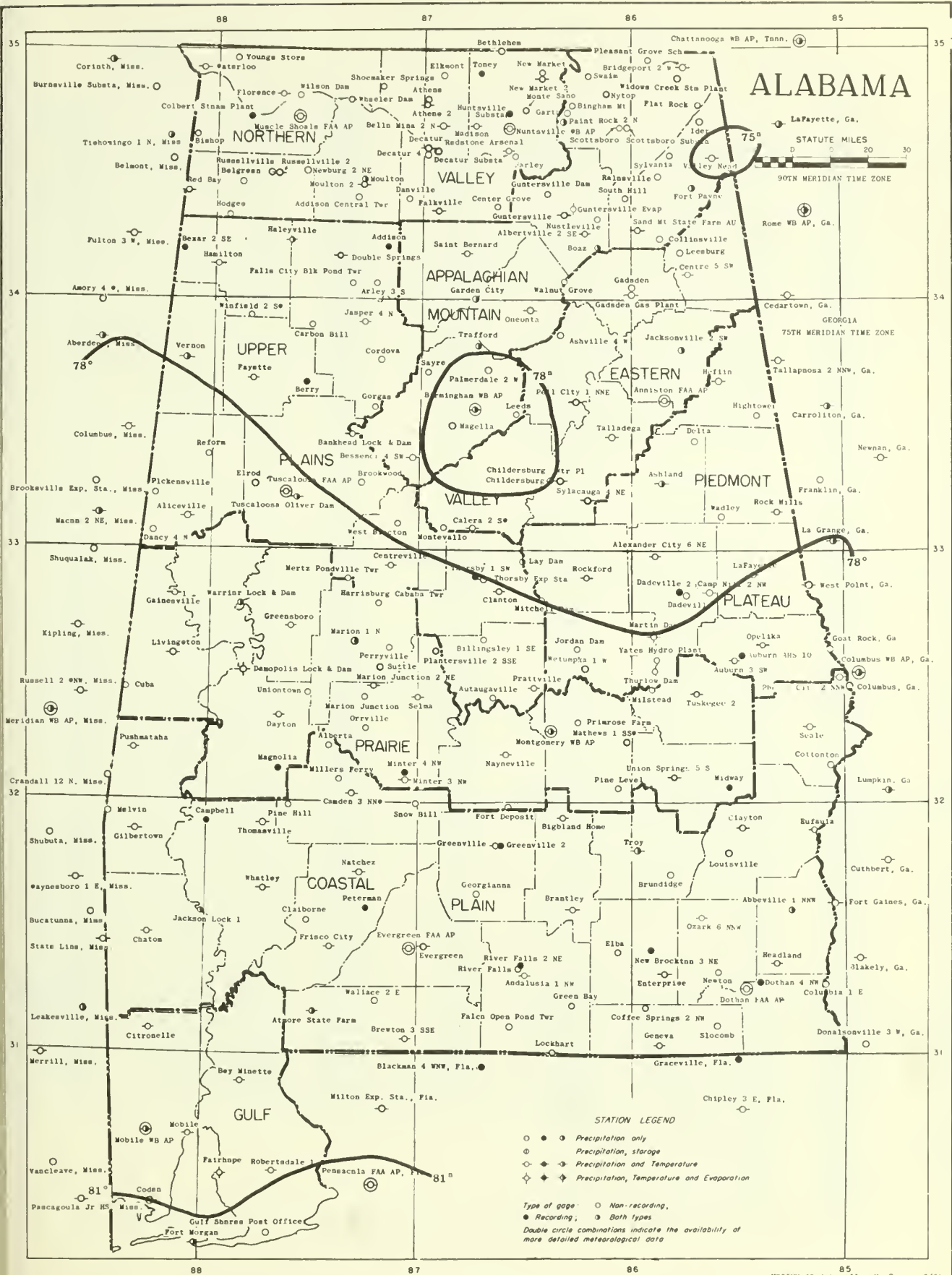
ALABAMA
JULY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
JULY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
JULY 1961

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (see notes)									TEMP.	PRECIP.	EVAP.	SPECIAL (see notes)	
ABBEVILLE 1 NW	0008	HENRY	4	31 35	85 13	845	7A	C			PAUL S. RICHBURG	LAFAYETTE	4502	CHAMBERS	4	32 36	85 24	830	6P	8P	H	CLARENCE H. FINCHER	
ADDISON	0010	WINSTON	2	34 25	87 11	795	7A	C			JOHN S. RICHBURG	LAFAYETTE	4502	CHAMBERS	4	32 36	85 24	830	6P	8P	H	ALABAMA POWER CO.	
ADDISON CENTRAL TOWER	0011	LAURENCE	1	34 25	87 11	990	7A	C			JOHN S. RICHBURG	LAFAYETTE	4502	CHAMBERS	4	32 36	85 24	830	6P	8P	H	MRS. MARY K. LEE	
ALBERTA	0140	WILCOX	1	52 14	87 25	175	8A	H			TIDY J. HARDY	LEEDS	4419	JEFFERSON	5	35 33	86 33	838	7A	7A	H	RUFUS H. SEWELL	
ALDENVILLE 2 SE	0141	MARSHALL	1	52 14	87 25	175	8A	H			W. JESSE CULP	LEEDS	4419	JEFFERSON	5	35 33	86 33	838	7A	7A	H	PROF. E. J. MURPHY	
ALEXANDER CITY 6 NE	0143	TALLAPOOSA	13	32 09	85 32	660	5P	SP			H. DOUGLAS Mc CAMFORD	LOCKHART	4822	COVINGTON	9	31 01	88 22	290	8A	8A	H	H. C. YOUNG	
ALEXANDERVILLE	0144	WALKER	13	32 07	85 32	660	5P	SP			H. DOUGLAS Mc CAMFORD	LOCKHART	4822	COVINGTON	9	31 01	88 22	290	8A	8A	H	JOHN B. ABO	
ANALUSIA 1 NW	0252	COVINGTON	6	31 19	86 30	260	8A	8A			MRS. CHERRY J. HERMON	LOUISVILLE	4808	BARBOUR	5	31 48	85 33	470	7A	7A	H	MARY R. TAYLOR, JR.	
ANNISTON FAA AP	0212	CALHOUN	7	33 33	85 51	599	N10	W10			J. E. JAMES	MADISON	4978	MADISON	12	34 42	86 45	375	9A	9A	C	ALABAMA POWER CO.	
ARLEY 3 S	0328	WINSTON	2	34 04	87 38	500	7A	7A			MRS. DORA R. OLVIE	MADISON	4996	JEFFERSON	3	33 50	85 51	954	7A	7A	C	DR. T. H. GALLIARD	
ASHLAND	0369	CLAY	11	53 16	85 51	500	8P	8P			HENRY L. MC QUEEN	MARION 1 N	5108	PERRY	2	32 38	87 18	210	7A	7A	C	ROBERT J. CURRY	
ASHVILLE 4 W	0377	ST. CLAIR	7	53 01	86 20	1060	7A	7A			JOHN T. SWINDALL	MARION JUNCTION	5118	DALLAS	5	32 26	87 14	204	8A	8A	C	MRS. MARGARET SMITH	
ATHENS	0390	LIMESTONE	12	34 48	86 59	1090	7A	7A			J. E. JAMES	MARION JUNCTION 2 NE	5121	DALLAS	5	32 26	87 14	204	8A	8A	C	AUBURN UNIVERSITY	
ATHENS 2	0395	LIMESTONE	12	34 48	86 59	1220	9A	9A			MRS. DORA R. OLVIE	MARION JUNCTION 2 NE	5121	DALLAS	5	32 26	87 14	204	8A	8A	C	ALABAMA POWER CO.	
ATMORE STATE FARM	0402	ESCAMPIA	8	31 10	87 29	300	4P	4P			RADIO STATION WJM	MATHES 1 SW	5172	MONTGOMERY	11	32 15	86 01	190	7A	7A	6P	H	E. PAUL GOVANY
AUBURN 3 SW	0422	LEE	11	32 34	86 31	130	8A	8A			MRS. MARTHA I. MOORE	MELVIN	5354	CHOCTAW	15	31 56	88 27	500	7A	7A	C	ERNEST H. LAND	
AUBURN ARS 10	0427	LEE	11	32 34	86 31	290	7A	7A			AGR. RESEARCH SERVICE	MERIT PONOVILLE TOWER	5382	BIBB	5	32 53	87 20	600	7A	7A	C	U.S. FOREST SERVICE	
AUTAGAULF 3 N	0440	AUTAGA	1	32 28	86 41	200	6A	6A			J. B. NEIGHBORS	MIDWAY	5397	BULLOCK	4	32 06	85 52	490	7A	7A	C	MRS. SARAH O. JALL	
BANKHEAD LOCK AND DAM	0505	TUSCALOOSA	9	30 59	87 20	740	7A	7A			H. CORPUS OF ENGINEERS	MIDWAY	5397	BULLOCK	4	32 06	85 52	490	7A	7A	C	FRED HENDERSON	
BAY NINETTE	0583	BALDWIN	9	30 53	87 47	268	7P	7P			H. GROVER W. WOODWARD	MILSTEAD	5439	HACON	11	32 27	85 54	208	9A	9A	C	C. D. HAMMOND, JR.	
BELGREEN	0631	FRANKLIN	12	34 28	87 52	610	7A	7A			J. E. JAMES	HINTER 3 NW	5449	DALLAS	1	32 06	87 05	570	7A	7A	C	HENRY J. YATES	
BELLE HINA 2 N	0655	LIMESTONE	12	34 42	86 53	800	5P	5P			H. AUBURN UNIVERSITY	HINTER 4 NW	5454	DALLAS	1	32 07	87 05	570	7A	7A	C	T. E. LIDE	
BERRY FAYETTE	0748	FAYETTE	2	32 22	87 01	533	6A	6A			MRS. CLARA R. OLIVE	HITCHCOCK DAM	5463	CHILTON	7	32 42	88 27	180	6A	6A	C	ALABAMA POWER CO.	
BESSNER 4 SW	0757	JEFFERSON	2	32 22	87 01	533	6A	6A			JAMES E. MC CRAY	MOBILE BW AIRPORT	5478	MOBILE	9	30 41	88 15	211	H10	H10	C	H. U.S. WEATHER BUREAU	
BETHLEHEM	0716	MAISON	12	34 59	86 38	875	7A	7A			TVA-757	MOBILE	5483	MOBILE	9	30 41	88 05	7	8A	8A	C	ROBERT G. BETANCOURT	
BEAR 2 SE	0790	MARION	13	34 10	88 07	570	7A	7A			OSCAR W. LOCKRIDGE	MONTE SAHO	5529	MADISON	12	34 45	86 31	1600	7A	7A	C	TVA-530	
BILLINGSLEY 1 SE	0823	AUTAGA	1	32 39	86 42	420	6A	6A			JOHN R. THOMAS	MONTGOMERY WB AP	5537	SHELBY	5	33 06	86 52	642	7A	7A	C	H. P. JETER, JR.	
BIRMGHAM MOUNTAIN	0826	JACKSON	5	33 29	87 20	740	7A	7A			MRS. CLARA R. OLIVE	MONTGOMERY WB AP	5537	SHELBY	5	33 06	86 52	642	7A	7A	C	MRS. DELLA L. GASKLEY	
BIRMGHAM WB AP	0831	JEFFERSON	2	33 36	86 45	410	N10	H10			U.S. WEATHER BUREAU	MOULTON	5625	LAWRENCE	12	34 29	87 17	640	8A	8A	C	TVA-381	
BISHOP	0854	COLBERT	12	34 59	88 07	870	7A	7A			TVA-42	MUSCLE SHOALS FFA AP	5749	COLBERT	12	34 43	87 57	536	H10	H10	C	H. JOHN H. KELLY	
BOAZ	0957	MARSHALL	2	34 33	86 10	1070	7A	7A			D. DAVID A. BURMS	MUSCLE SHOALS FFA AP	5749	COLBERT	12	34 43	87 57	536	H10	H10	C	FED. AVIATION AGENCY	
BRANTLEY	1069	CHESAPEAKE	6	31 35	88 16	274	8A	8A			H. R. E. HENDERSON	NEW BROCKTON 3 NE	3789	HANDLER	1	31 45	87 16	182	5P	5P	C	H. S. HELTON	
BUNHEAD LOCK AND DAM	1099	JACKSON	5	33 29	87 03	893	6P	6P			TOLLIE L. HASKEN	NEW BROCKTON 3 NE	3789	HANDLER	1	31 45	87 16	182	5P	5P	C	MRS. DELLA L. GASKLEY	
BRIDGEPORT 2 W	1099	JACKSON	5	33 29	87 03	893	6P	6P			MRS. W. LOUISE JONES	NEW BROCKTON 3 NE	3789	HANDLER	1	31 45	87 16	182	5P	5P	C	MRS. DELLA L. GASKLEY	
BYRONWOOD	1143	TUSCALOOSA	2	33 16	87 17	605	7A	7A			MRS. WILLIE N. STYRON	NEW BROCKTON 3 NE	3789	HANDLER	1	31 45	87 16	182	5P	5P	C	MRS. DELLA L. GASKLEY	
BRUNSDIGE	1178	PIKE	5	31 43	85 49	495	7A	7A			HILDEPOD P. WHITTINGTON	NEW MARKET 2	5867	BALDWIN	12	34 56	86 26	710	6P	6P	C	MRS. A. R. BROWN	
CENTER GROVE	1288	SHELBY	2	32 07	85 52	510	5P	5P			H. PIERCE SMITH	NEW MARKET 2	5867	BALDWIN	12	34 56	86 26	710	6P	6P	C	MRS. A. R. BROWN	
CANDEN 3 NW	1300	WILCOX	1	32 02	87 19	110	5P	5P			H. AUBURN UNIVERSITY	ONEOTA	6121	BLOUNT	2	33 57	86 29	800	7A	7A	C	M. LONNIE R. MORRIS	
CAMPBELL	1315	CLARKE	13	31 55	87 59	93	7A	7A			JOE PICKENS	ORPHELA	6129	LEE	11	32 38	85 23	740	8A	8A	C	RADIO STATION WJHO	
CAMP HILL 2 NW	1324	TALLAPOOSA	13	32 50	85 41	680	6A	6A			H. AUBURN UNIVERSITY	ORPHELA	6129	LEE	11	32 38	85 23	740	8A	8A	C	RADIO STATION WJHO	
CARBON HILL	1377	WALKER	2	33 56	87 32	430	7A	7A			FLOYD J. GARRISON	OSAGE 6 NW	6218	DALE	3	31 52	85 41	680	6A	6A	C	JACOB O. BARNES	
CENTER GROVE	1452	MORGAN	12	34 26	86 38	620	7A	7A			H. OON R. WATSON	PAINT ROCK 2 N	6218	DALE	3	31 52	85 41	680	6A	6A	C	JACOB O. BARNES	
CENTRE 5 SW	1512	CHEROKEE	7	34 06	85 45	620	7A	7A			H. OON R. WATSON	PALMERDALE 2	6246	JEFFERSON	2	33 44	86 41	790	7A	7A	C	GEORGE T. POSEY	
CENTREVILLE	1520	BIBB	5	32 57	87 08	230	7A	7A			H. W. Mc HOLLIFIELD	PELL CITY 1 NE	6329	ST. CLAIR	7	33 36	86 19	955	7A	7A	C	H. NORMAN A. VAUGHN	
CHANDLER	1566	WASHINGTON	13	34 07	86 31	600	6P	6P			H. W. Mc HOLLIFIELD	PELL CITY 1 NE	6329	ST. CLAIR	7	33 36	86 19	955	7A	7A	C	MRS. CRYSTAL H. FULLER	
CHILDERSBURG	1615	TALLADEGA	7	31 17	86 21	460	6A	6A			ALABAMA POWER CO.	PETERHAM	6303	MONROE	1	31 35	87 18	195	7A	7A	C	MRS. HINTA EDWARDS	
CHILDERSBURG PLANT	1620	TALLADEGA	7	31 17	86 21	418	5P	5P			CITY WATER PLANT	PHEMIX CITY 2 NW	6349	RUSSELL	4	32 30	85 16	570	8A	8A	C	O. R. MC LEMORE	
CITRONELLE	1685	MOBILE	9	31 05	88 14	331	6P	6P			MRS. ESTHER A. H. JONES	PHEMIX CITY 2 NW	6349	RUSSELL	4	32 30	85 16	570	8A	8A	C	MRS. MARY A. HEDRICK	
CLATONNE	1690	MOBILE	9	31 05	88 14	331	6P	6P			MRS. ESTHER A. H. JONES	PHEMIX CITY 2 NW	6349	RUSSELL	4	32 30	85 16	570	8A	8A	C	MRS. MARY A. HEDRICK	
CLAYTON	1694	CHILTON	7	32 51	86 28	500	7A	7A			MARION W. EASTERLING	PINE LEVEL	8468	MONTGOMERY	6	32 04	86 06	506	7A	7A	C	MRS. ENA C. PAUL	
COHEN	1725	BARBOUR	5	31 54	85 28	615	5P	5P			MRS. CAROLYN R. WATSON	PLANTERSVILLE 2 SSE	6508	AUTAGA	1	32 37	86 24	230	7A	7A	C	THOMAS E. FISCHER	
COFFEE SPRINGS 2 NW	1803	MOBILE	9	31 03	88 12	12	5P	5P			MRS. AGNES C. CHRISTENSEN	PLEASANT GROVE SCHOOL	6521	JACKSON	12	34 57	85 58	633	7A	7A	C	TVA-695	
COLLINSVILLE	1819	STEAN PLANT	1819	31 05	85 56	250	6A	6A			HENRY P. KELLEY	PRATTVILLE	6640	AUTAGA	1	32 28	86 28	290	6P	6P	C	CONTINENTAL GEN. CO.	
COLUMBIA 1 E	1849	DE KALB	7	34 15	85 52	734	7A	7A			B. W. APPELTON	PUSHMATAHA	6719	CNOCKTAW	13	32 12	88 21	260	8A	8A	C	MRS. JANIE C. BROWN	
CORDOVA	1865	HOUSTON	4	31 17	85 06	68	7A	7A			ROBERT E. POPP	RAINSVILLE	6762	DE KALB	12	34 30	85 52	1920	7A	7A	C	TVA-748	
COTTON	1940	WALKER	2	33 46	87 11																		

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

1873.6710
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



AUGUST 1961

Volume 67 No. 8



ALABAMA - AUGUST 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 2nd at Ozark 6 NNW

Lowest Temperature: 53° on the 23rd at Valley Head and on the 22th at
Vernon

Greatest Total Precipitation: 17.13 inches at Milstead

Least Total Precipitation: 0.46 inch at Dancy 4 N

Greatest One-Day Precipitation: 10.98 inches on the 31st at Milstead

CLIMATOLOGICAL DATA

ALABAMA
AUGUST 1961

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										90° or Above		37° or Below						Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										0° or Above	37° or Below	0° or Above	37° or Below														
NORTHERN VALLEY																											
ENS 2	87.6	63.2	75.4		95	11	56	22	0	11	0	0	0	3.42		1.99	24	.0	0			3	2	2			
LE MINA 2 N	89.3M	65.8M	77.6M		96	29+	59	22	0	14	0	0	0	4.35		2.24	15	.0	0			4	2	2			
ATUR	88.3	66.5	77.4	- 3.3	96	13	60	22	0	12	0	0	0	2.12	- 1.44	.68	16	.0	0			5	2	0			
KVILLE	89.7	64.3	77.0		97	31+	57	22	0	19	0	0	0	1.67		.51	23	.0	0			7	1	0			
TSVILLE W8 AP	88.5	67.3	77.9		95	30+	60	22	0	13	0	0	0	5.39		3.12	31	.0	0			7	2	1			
DIVISION																											
			76.4	- 3.5										4.06	.55			.0									
APPALACHIAN MOUNTAIN																											
ERTVILLE 2 SE	85.7	64.1	74.9	- 2.8	94	30	58	23	0	7	0	0	0					.0	0								
SEMER 4 SW	88.9	66.3	77.6		95	29+	59	20	0	14	0	0	0	2.46		.94	8	.0	0			5	2	0			
MINGHAM W8 AP	88.6	68.7	78.7	- .4	96	29	62	21+	0	13	0	0	0	3.56	- .99	.95	6	.0	0			8	3	0			
DGEPORT 2 W	88.3	63.1	75.7		96	1	57	16	0	12	0	0	0	4.17	.89	1.24	8	.0	0			8	3	1			
TERSVILLE	89.2	67.1	78.2		93	29+	60	22+	0	13	0	0	0	2.19		1.64	31	.0	0			4	1	1			
DIVISION																											
			76.1	- 2.4										3.75	-.49			.0									
UPPER PLAINS																											
EVILLE	89.8	68.3	79.1		96	30+	61	21	0	16	0	0	0	1.17		1.17	24	.0	0			1	1	1			
RHEAD LOCK AND DAM	88.8	66.6	77.7		95	30+	60	22	0	15	0	0	0	2.46		.83	17	.0	0			6	3	0			
TREVILLE	90.0	67.3	78.7	- 2.4	97	4+	60	22	0	17	0	0	0	4.23	- .34	1.20	8	.0	0			8	3	1			
NTON	88.5	65.9	77.2	- 3.0	95	4	59	22	0	14	0	0	0	3.70		1.30	31+	.0	0			3	3	3			
BLE SPRINGS	86.2	64.5	75.4		93	31+	57	22	0	11	0	0	0	3.39	- 1.48	1.01	8	.0	0			8	3	1			
DIVISION																											
			78.4		97	30+	55	22	0	21	0	0	0	2.77		.96	24	.0	0			5	2	0			
EVILLE	85.8	64.2	75.0		92	31+	58	22	0	9	0	0	0	7.21		2.99	16	.0	0			6	3	3			
ILTON	88.0	63.9	76.0		95	13	54	22	0	11	0	0	0	5.54		2.20	15	.0	0			6	4	3			
PER 4 N	88.4	63.4	75.9		95	31+	56	22	0	13	0	0	0	2.94		1.02	9	.0	0			6	2	1			
TTVILLE	90.0	68.6	79.3	- .9	97	29+	61	24	0	20	0	0	0	4.46	- .76	2.15	31	.0	0			9	2	1			
DIVISION																											
			77.5	- 2.9										3.53	- 1.02			.0									
EASTERN VALLEY																											
ISTON FAA AIRPORT	88.3	67.3	77.8		95	29+	59	18	0	16	0	0	0	2.51		1.14	31	.0	0			6	1	1			
ERA 2 SW	89.5	65.5	77.5		95	30+	59	22+	0	18	0	0	0	3.25	- 1.70	1.62	23	.0	0			5	3	1			
TRE 5 SW	89.2	64.5	76.9		97	30	57	22+	0	14	0	0	0	5.27		1.90	31	.0	0			7	4	2			
LDERSBURG WTR PLANT	88.1	66.1	77.1		95	29+	60	22+	0	13	0	0	0	8.36		3.50	31	.0	0			8	5	3			
SDEN GAS PLANT	87.8	65.3	76.6		95	30	58	23	0	11	0	0	0	1.44		1.00	8	.0	0			3	1	1			
DIVISION																											
			77.0	- 2.4										4.60	.24			.0									
PIEDMONT PLATEAU																											
XANDER CITY 6 NE	88.0	63.0	75.5		97	3	56	20	0	11	0	0	0	6.33		1.83	31	.0	0			9	3	3			
URN 3 SW	90.1	66.5	78.3	- 1.6	97	12+	58	22	0	19	0	0	0	3.94	- .85	1.53	24	.0	0			6	2	2			
P HILL 2 NW	87.8	64.7	76.3		95	3	58	22	0	13	0	0	0	3.51		1.02	7	.0	0			8	3	1			
AYETTE	88.4	66.5	77.5		97	2	61	22	0	15	0	0	0	6.49		1.95	31	.0	0			10	4	2			
TIN DAM	87.5	68.8	78.2		94	3	61	22	0	12	0	0	0	7.27	3.11	3.82	31	.0	0			8	3	2			
DIVISION																											
			76.9		98	4			0	19	0	0	0	3.67		1.45	24	.0	0			9	1	1			
LKA	89.3	64.5	76.9		95	31+	58	22+	0	16	0	0	0	5.45		2.80	31	.0	0			6	4	1			
KFORD	88.9	64.8	76.9		97	3+	57	17	0	13	0	0	0	2.85		1.08	26	.0	0			8	2	1			
DIVISION																											
			77.1	- 2.7										4.94	.08			.0									
PRAIRIE																											
TON	89.5	68.9	79.2		96	4	63	22+	0	15	0	0	0	7.40		3.25	7	.0	0			9	4	3			
OPOLIS LOCK AND DAM	88.8	68.7	78.8		95	4	64	22	0	14	0	0	0	7.13		1.95	4	.0	0			10	4	2			
NESVILLE	89.5	68.6	79.1		96	31	61	22	0	18	0	0	0	2.22		1.67	25	.0	0			3	1	1			
ENSBORO	88.8	68.9	78.9	- 3.0	95	30+	63	22	0	14	0	0	0	8.84	4.69	4.22	31	.0	0			9	5	3			
NEVILLE	90.8	69.0	79.9		95	31+	62	31	0	22	0	0	0	1.37		.67	31	.0	0			3	1	0			
DIVISION																											
			77.8		95	12	61	22	0	15	0	0	0	4.95		1.42	15	.0	0			9	4	2			
INGSTON	89.5	68.3	78.9		93	29+	64	22+	0	10	0	0	0	5.60		1.64	7	.0	0			10	5	2			
ION JUNCTION 2 NE	87.0	68.6	77.8																								

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ALABA
AUGUST 19

CONTINUED

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max	Min.	30° or Above	32° or Below					37° or Below	0° or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More
MINTER 3 NW	89.2M	67.4M	78.3M		95	29+	60	24	0	20	0	0	0	1.98		.71	21	.0	0		5	2		
MONTGOMERY WB AP	88.7	69.7	79.2	- 1.7	94	29+	64	22	0	17	0	0	0	6.92	- 2.17	4.93	31	.0	0		7	2		
SELMA	89.7	69.9	79.8	- 1.7	96	29+	65	22+	0	20	0	0	0	1.75	- 2.91	.54	7	.0	0		6	1		
TUSKEGEE 2	88.5M		M		96	11			0	13	0	0	0	6.73		2.76	31	.0	0		8	3		
UNION SPRINGS 5 S	89.1	69.2	79.2	- 1.5	94	3+	65	27+	0	15	0	0	0	4.82	-.02	1.45	31	.0	0		9	3		
DIVISION			79.0	- 2.3										4.98	.71			.0						
COASTAL PLAIN																								
ANOALUSIA 1 NW	87.6	66.3	77.0		94	14+	62	27+	0	12	0	0	0	8.24		1.72	3	.0	0		12	7		
ATMORE STATE FARM	88.5	68.2	78.4		94	29+	61	21	0	13	0	0	0	8.68		1.30	11	.0	0		16	7		
BRANTLEY	89.7	66.6	78.2		96	30+	59	20	0	20	0	0	0	8.72	3.11	2.79	31	.0	0		13	7		
BREWTON 3 SSE	88.9	67.7	78.3	- 2.2	95	29+	63	22+	0	14	0	0	0	7.50	1.25	1.38	9	.0	0		15	5		
CAMOEN 3 NNW	89.5	67.6	78.6		95	29+	62	21	0	18	0	0	0	5.73		1.92	3	.0	0		9	4		
CHATAM	90.8	65.0	77.9		96	12	59	22+	0	22	0	0	0	3.80		.76	31	.0	0		12	2		
CLAYTON	89.5	65.1	77.3		96	5+	60	26+	0	15	0	0	0	8.25	2.95	2.30	27	.0	0		11	6		
OOTHAN FAA AIRPORT	87.8	70.4	79.1		96	12+	65	22+	0	11	0	0	0	4.96	-.67	1.10	6	.0	0		9	3		
ENTERPRISE	88.0M	69.2M	78.6M		95	12+	63	21	0	13	0	0	0	10.72		4.25	31	.0	0		13	5		
EUFULA	89.0	67.7	78.4	- 2.9	98	4	62	23+	0	11	0	0	0	8.73	3.64	1.72	25	.0	0		15	6		
EVERGREEN	89.4	69.1	79.3		96	30	63	21	0	21	0	0	0	3.29		1.45	4	.0	0		8	1		
FRISCO CITY	88.8	67.9	78.4		94	30	61	21	0	14	0	0	0	4.78	-.66	.94	4	.0	0		8	4		
GENEVA	88.7	69.2	79.0		96	3	63	20	0	18	0	0	0	10.95	4.70	5.64	31	.0	0		9	4		
GILBERTOWN	90.7	65.5	78.1		98	3	56	21	0	21	0	0	0	4.18		1.20	23	.0	0		9	3		
GREENVILLE	88.3	69.0	78.7	- 2.3	96	12	63	21	0	16	0	0	0	3.20	- 2.34	.96	14	.0	0		8	2		
HEAOLANO	88.8	68.6	78.7		96	2	62	19	0	12	0	0	0	5.19		1.14	7	.0	0		9	5		
HIGHLAND HOME	85.5	68.1	76.8	- 4.0	95	1	61	22	0	7	0	0	0	6.57	1.25	1.88	31	.0	0		11	5		
LOCKHART	88.2	69.2	78.7		95	13+	64	22+	0	14	0	0	0	9.37		3.00	6	.0	0		14	6		
NATCHEZ	88.5	65.3	76.9		95	3+	59	21	0	15	0	0	0	7.10		2.66	8	.0	0		7	4		
OZARK 6 NNW	88.5	67.6	78.1	- 2.5	99	2	61	22	0	14	0	0	0	7.06	.81	1.56	31	.0	0		9	6		
PHENIX CITY 2 NNW	88.5	68.5	78.5		97	3	63	22	0	14	0	0	0	5.34		1.95	24	.0	0		7	3		
PUSHMATAHA	89.3	67.2	78.3	- 2.1	95	4	60	22	0	15	0	0	0	6.16	3.12	2.19	16	.0	0		10	6		
SEALE	89.0	66.9	78.0		98	2	60	22	0	14	0	0	0	5.29		2.25	24	.0	0		8	3		
THOMASVILLE	87.6	66.7	77.2	- 3.6	94	4+	59	21	0	11	0	0	0	7.64	3.00	1.65	8	.0	0		12	6		
TROY	87.7M	68.3M	78.0M	- 2.3	94	2+	59	20	0	13	0	0	0	10.31	4.56	6.75	31	.0	0		8	3		
WHATLEY	90.1	66.1	78.1		96	12+	60	22+	0	19	0	0	0	4.08		1.70	16	.0	0		10	1		
DIVISION			78.2	- 2.6										6.76	1.23			.0						
GULF																								
BAY MINETTE	88.1	69.5	78.8		94	29	63	29	0	13	0	0	0	4.93		1.66	6	.0	0		8	4		
CITRONELLE	88.5	69.1	78.8	- 2.6	95	12	63	21	0	11	0	0	0	7.17	1.25	2.60	3	.0	0		12	5		
COOEN	90.1	69.9	80.0		95	1	64	27	0	19	0	0	0	4.33		2.10	6	.0	0		6	3		
FAIRHOPE	88.8	70.6	79.7	- 1.7	94	30+	65	27	0	20	0	0	0	5.30	-.97	1.39	6	.0	0		11	4		
FORT MORGAN	86.7	75.2	81.0		92	2	70	25+	0	4	0	0	0	8.53		4.15	6	.0	0		6	4		
MOBILE WB AIRPORT	89.5	70.9	80.2	- .6	95	2	66	21	0	17	0	0	0	5.69	-.62	1.26	15	.0	0		8	5		
MOBILE	89.1	72.4	80.8		96	3+	67	21	0	14	0	0	0	5.72		2.20	6	.0	0		8	5		
ROBERTSOALE 1 E	88.7	68.8	78.8		94	3+	63	27	0	12	0	0	0	9.64		2.41	11	.0	0		12	6		
DIVISION			79.8	- 1.7										6.41	.07			.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 P. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine	Average
BIRMINGHAM WB AIRPORT	ENE	12	5.8	29	SW	22	90	93	65	71	5	1	5	3	0	0	14	64	6
HUNTSVILLE WB AIRPORT	ESE	12	4.7	20++	NW	20	83	89	59	63	5	2	5	1	0	1	14	-	6
MOBILE WB AIRPORT	NE	10	7.4	29++	SW	7	88	89	61	74	4	4	3	3	2	0	16	-	6
MONTGOMERY WB AIRPORT	E	14	6.2	34	N	20	93	95	66	75	5	7	5	1	0	1	19	54	6

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABA
AUGUST 19

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						
LOCKHART	9.37			.26	.54	.25	3.00	.57	.43	.16				T		.15	T			.86	.01	.04		.01	.13	.35	1.69	.13										
LOUISVILLE	8.31			.03	.03	.15		.67	.76	.22				.08		2.55							.42	.95	1.86	.29	.34	.20										
MADISON	2.77							.46	.98							.09	.58					.47			.04	.87												
MAGELLA	2.22							.34	2.65				.12			.15	1.14						.42		.06													
MARION 1 N	6.84			.61																			.04		.15													
MARION JUNCTION	7.83	T	1.15	1.60				2.47	.55	.05						.08							.02			.42												
MARION JUNCTION 2 NE	5.60	.65	1.37	.12		T		1.64	.53	T						.09						.31			.10	.01									.50			
MARTIN DAM	7.27			.05	.05			1.05	.44															.29	.43	.01									.24			
MATHEWS 1 SSW	10.27			.39				1.10		.40															.83	1.20	.12	.17								.3		
MELVIN	3.72											.02				.27							.33															
MERTZ PONDVILLE TOWER	2.19								.35					.25		.15																						
MILLERS FERRY	3.31			1.32	.01			.06	.37	.05		.13				.54	.32				.02	T			.27	.21	T											
MILSTEAD	17.13							.42	.18	.73				.11										.44	.16	3.44	.04	.02	.61									
MINTER 3 NW	1.98			.02	.58	.03		.03	.05	.05						.03							.71															
MITCHELL DAM	2.83							.15		.37					.08		.03						.43															
MOBILE WB AIRPORT	5.69			.40	T	T	T	1.24	.02					.51	.05	1.26							.25	.55	T		.08	.02										
MOBILE	5.72			.20		2.20		.68	.70							.12								1.00		.17												
MONTE SANO	3.51			.20				.02	.05	1.77						.08	.32							.95		1.21												
MONTEVALLO	2.95							.78	2.25	.05						.21	.20							.20														
MONTGOMERY WB AP	6.92			.02	T	T		.36	.03	.07				.03	T	.50							.11	T	.30	.74	.01	.02	.15									
MOULTON	3.14								.47	.11						.05	.70	.04								1.39	.38											
MOULTON 2	3.49							.53					.05			.73	.34								1.25	.40												
MUSCLE SHOALS FAA AP	4.28	.27			T	T									1.50	1.14									.30	.90	T											
NATCHEZ	7.10			.67		T		.08	2.66	.17			.30	.94																								
NEWBURG 2 NE	3.89			.28						.48							1.86							.08	.13	.07	T											
NEW MARKET	2.28			.40				.04	.20	.40							.20									.55	.20											
NEW MARKET 2	5.97	.23	.12					.50	.13	.32						.24							.15	.07		.21	.62											
NEWTON	10.32			.24	.82	.29	1.95	1.52	T	.90					.03	.24										.10	.55	.62	.33									
ONEONTA	5.15			T	.20			.78	2.25	.05																												
ORELIKA	3.67			.12	.07	.45	.21	.35						.11												T	1.45	.23	.07	.13								
ORRVILLE	2.99			.91	.09			.14	1.03	.52							.09																					
OZARK & NNW	7.06			1.33	.96	.03		.87	.02	.71			T			.05	.09						.10	T	T	.05	T	.08	.40	.67	.14							
PAINT ROCK 2 N	6.83			.31					1.90	.05							.30								2.73	1.54												
PALMERDALE 2 W	3.52							.98	1.64																	.74	.16											
PELL CITY 1 NNE	2.38							.06	1.08	.05						.20									.62	.06		.04										
PERRYVILLE	3.09			T	1.14			.17	.70	.02						.08									T	T	T	T	T	.18								
PHENIX CITY 2 NNW	5.34			.02				.65	.27	.15					.25											1.95	1.80	.03	.15									
PICKENSVILLE	1.31							.40	1.80								.48							T			.36	.47										
PINE HILL	6.75																									.40	1.05											
PINE LEVEL	6.95					1.55		.10								.42								.14		.49	.11	.12										
PLANTERSVILLE 2 SSE	2.71				.95			.02	.65	.09							.35																					
PLEASANT GROVE SCHOOL	3.29			T				.30	.92	.21																												
PRATTVILLE	4.46	.20	.57			.09		.25	.10	.23				.48			.02									.19	1.10	.45										
PRIMROSE FARM	9.05			.05				.65	.94																	.28	.02	1.43	.04	.16	.02							
PUSHMATAHA	6.16			.12				.18	.50								2.19	.62							.41	.61	.59	.11	.07									
RAINSVILLE	1.47							.08	.56	.01						.20										.17		.03	.12									
RED BAY	5.28								.57	.43						1.20	2.10	.50									1.05											
REDSTONE ARSENAL	5.22			.27				.08	.24							.70	.06										.34	.22										
REFORM	2.42			.40	.92	.05	.12	.75	.23	.15			.65		.07	T	.18	.09																				
RIVER FALLS	7.07																									.72	.32	.07	.06	.08	.03	.43	.60	.12				
ROBERTSDALE 1 E	9.64			1.27		1.60		.91	.16	.60			2.41			.57	1.40	.19	.23							.18		.05	.08	.20								
ROCKFORD	5.45														.60										.35		.90											
ROCK MILLS	2.85							.14	.71	.17			.02														.19	.13	1.08	.27								
RUSSELLVILLE	6.30							.06	1.03	.20						.18	3.70	.03									.99	.11										
RUSSELLVILLE 2	5.89	.10	T					.20	.15								3.64	.20								1.09	.34											
SAINT BERNARD	5.38			1.97													.01	.38																				
SAND MT STATE FARM A U	4.10					1.10		.89								.09									.04		.05	.68	.04	.07	.02							
SAYRE	1.88				.06			.18	.90	.32							.23									.08	.05	.68	.04	.07	.02							
SCOTTSBORO	3.02							.05	.95	.04						.01	.27											.26										
SCOTTSBORO SUBSTA	2.04																										.25	.35										
SEALE	5.29			.32	.04	.10		1.25	.05	.09				.09												.05	2.25	.13	.29									
SELMA	1.75			T	.41			.54	.18	.28							.03																					
SHOEMAKER SPRINGS	4.29			.11													2.02	.21									.18											
SLOCUMB	9.03			T	.03			1.07</																														

DAILY TEMPERATURES

ALABAMA
AUGUST 1961

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		
BARTVILLE 2 SE	MAX	92	91	90	87	87	90	88	80	83	88	88	88	89	89	82	76	83	84	85	84	82	82	81	85	85	81	80	84	90	94	90	85.7
	MIN	65	66	69	65	68	64	65	64	65	65	67	68	68	60	59	62	62	61	61	60	61	60	58	64	63	63	66	66	67	68	68	64.1
BAXTER CITY 6 NE	MAX	94	93	97	91	93	85	82	84	88	92	94	94	91	88	84	85	87	86	88	89	86	87	86	79	79	89	94	94	89	81	88.0	
	MIN	63	66	65	65	58	67	66	63	64	64	65	66	65	62	68	64	58	58	63	56	59	57	59	62	65	64	66	61	62	65	68.0	
BEVILLE	MAX	94	96	95	93	92	90	89	87	88	90	92	94	93	90	90	86	85	88	88	88	84	85	87	84	86	87	91	92	94	89	89.8	
	MIN	70	72	70	67	69	68	69	68	69	68	70	72	74	70	69	70	68	68	66	65	61	64	62	65	66	67	66	68	70	74	72	68.3
BLOSSIEUX 1 NW	MAX	94	94	92	87	91	87	82	81	84	90	93	92	94	94	92	87	86	89	88	86	86	85	86	87	79	77	77	88	90	92	88	87.6
	MIN	68	68	69	68	70	68	68	67	66	67	68	67	68	68	67	68	64	67	66	63	63	62	64	64	64	62	62	65	66	68	71	66.3
BOSTON FAA AIRPORT	MAX	95	92	94	92	92	84	77	87	86	92	94	94	93	90	78	88	91	89	90	88	85	89	83	80	82	82	90	94	95	91	81	88.3
	MIN	69	71	70	66	72	70	69	67	69	69	70	70	67	64	70	66	62	59	64	60	61	62	66	67	66	70	70	68	68	70	72	67.3
BOWLING GREEN 2	MAX	93	93	92	88	93	89	89	88	89	89	95	94	93	92	79	71	82	88	88	86	83	79	78	86	85	85	85	88	91	92	93	87.6
	MIN	68	69	67	62	62	66	66	67	63	65	64	65	65	60	67	60	59	60	61	63	60	56	58	62	62	61	62	64	60	67	67	63.2
BURNING WOOD STATE FARM	MAX	92	94	92	89	88	82	80	82	89	92	92	94	92	94	89	89	88	88	89	90	86	90	86	84	79	80	82	91	94	92	89	88.5
	MIN	71	72	68	70	70	69	66	69	67	67	68	70	73	69	69	70	68	70	67	66	61	65	67	67	67	64	63	69	69	70	72	68.2
BURTON 3 SW	MAX	95	96	97	97	92	95	84	85	90	92	93	97	91	93	88	87	90	91	89	90	91	89	84	88	78	78	83	91	93	94	88	90.1
	MIN	68	70	69	70	66	69	69	66	64	67	66	68	68	66	70	67	65	64	65	60	62	58	64	66	67	68	68	66	68	69	71	66.5
CANTON KNEAD LOCK AND DAM	MAX	93	93	94	94	91	94	90	81	89	89	93	94	95	91	91	80	73	89	88	87	87	87	87	87	83	83	83	87	92	95	93	88.8
	MIN	68	69	71	67	64	67	65	69	66	67	68	70	70	64	67	67	66	64	63	60	66	66	66	64	65	69	67	68	69	71	71	66.6
CANTON MINETTE	MAX	93	92	87	89	86	83	79	83	88	91	90	93	93	93	91	89	87	88	88	89	85	89	90	83	80	80	85	90	94	93	90	88.1
	MIN	73	74	72	71	71	70	69	71	70	70	71	70	71	70	70	71	70	71	69	68	65	65	66	69	72	66	65	68	63	71	71	69.5
CANTON MINA 2 N	MAX	95	96	92	93	95	91	85	91	89	94	96	95	88	85	77	83	88	87	90	86	87	88	82	83	84	89	93	96	95	86	89.3	
	MIN	70	70	71	64	65	69	68	68	67	67	66	68	69	62	61	64	62	62	63	63	59	65	62	65	63	68	65	68	69	69	69	65.8
CANTON SEMER 4 SW	MAX	95	94	94	91	95	89	80	88	88	92	95	92	90	90	82	87	88	88	88	88	85	87	87	84	83	90	92	95	93	84	88.9	
	MIN	67	69	70	66	63	69	67	68	68	68	68	69	68	61	72	69	62	62	63	59	62	60	67	66	66	64	68	66	68	73	66.3	
CANTON BIRMINGHAM W8 AP	MAX	94	95	94	92	93	87	80	85	87	90	91	95	90	90	80	84	88	89	89	88	85	87	88	84	82	84	89	92	96	94	85	88.6
	MIN	70	73	73	70	66	69	67	68	70	70	70	70	69	65	72	67	64	67	68	62	62	64	69	68	70	67	71	70	75	74	68.7	
CANTON MONTLEY	MAX	95	96	94	90	92	92	82	79	87	92	93	95	95	94	93	88	88	90	90	88	91	89	90	90	76	78	84	88	95	96	90	89.7
	MIN	65	67	70	69	70	70	68	67	64	66	67	68	70	68	68	70	63	68	66	59	63	61	65	66	66	64	64	65	67	71	70	66.6
CANTON MONTON 3 SSE	MAX	94	93	88	94	85	84	82	85	91	93	94	95	93	94	89	88	88	89	87	89	87	90	86	84	76	78	88	93	95	91	93	88.9
	MIN	67	69	68	69	81	70	68	68	66	66	67	68	70	68	69	71	67	71	68	63	63	63	66	65	66	64	64	74	68	70	73	67.7
CANTON MOBILEPORT 2 W	MAX	96	91	88	93	93	92	85	86	89	93	93	91	87	81	77	88	89	87	88	85	84	88	85	81	87	85	90	95	93	93	84	88.3
	MIN	66	68	67	61	60	63	63	65	62	64	66	66	66	59	65	57	59	59	60	61	61	59	60	62	64	65	65	66	65	64	67	63.1
CANTON MORA 2 SW	MAX	95	90	95	93	94	87	82	85	90	92	95	94	90	90	85	80	90	90	88	88	85	90	88	84	86	88	85	92	95	90	89	89.5
	MIN	65	68	70	67	60	69	67	68	70	66	66	68	69	67	69	67	61	62	61	59	60	59	63	65	68	66	64	65	65	67	71	65.5
CANTON MOBILE 3 NNW	MAX	93	93	93	90	93	89	80	86	92	95	93	93	91	92	89	88	88	90	90	90	84	89	89	79	78	88	92	95	93	90	89.5	
	MIN	69	71	70	70	68	71	68	70	68	67	68	71	71	69	68	69	66	66	65	65	62	63	66	66	67	66	64	67	68	70	72	67.6
CANTON MOUNTAIN HILL 2 NW	MAX	94	94	95	94	90	92	85	83	86	89	92	92	92	92	86	85	85	84	86	86	87	86	89	84	78	78	80	83	92	93	90	87.8
	MIN	66	67	68	68	68	67	68	65	65	66	67	68	67	63	65	66	59	60	61	59	65	58	60	60	63	65	67	68	63	66	67	64.7
CANTON MOUNTAIN 5 SW	MAX	95	95	94	94	91	95	82	84	85	88	93	93	94	89	86	74	89	89	88	89	87	85	90	87	80	83	82	88	95	97	94	89.2
	MIN	69	69	69	66	61	66	67	66	67	65	67	67	68	61	65	62	58	60	60	57	60	57	62	63	64	68	68	64	65	67	70	64.5
CANTON MOUNTAIN 11	MAX	94	97	93	97	94	95	89	84	87	89	93	96	95	94	83	85	82	90	90	91	85	89	88	85	83	83	86	93	95	94	90	90.0
	MIN	68	69	72	69	64	70	68	70	70	68	68	71	70	65	70	68	66	64	64	65	64	60	65	65	64	65	68	67	68	70	74	67.3
CANTON MOUNTAIN	MAX	94	95	95	90	93	88	80	89	91	92	94	96	94	93	90	89	90	91	91	91	86	90	91	89	86	85	89	95	92	94	90	90.8
	MIN	67	68	70	68	65	68	67	67	64	63	65	65	69	66	67	67	66	65	62	63	59	59	63	62	62	62	65	66	66	70	65	65.0
CANTON MOBILEBURG WTR PLANT	MAX	94	93	93	95	92	91	79	86	89	91	92	92	90	88	86	82	88	88	88	87	83	88	87	81	80	80	88	93	95	92	80	88.1
	MIN	67	68	70	68	68	70	66	68	70	67	68	71	69	62	70	65	60	60	61	62	62	60	64	62	67	64	68	66	67	68	71	66.1
CANTON MORONELLE	MAX	93	93	89	94	89	85	74	87	89	91	91	95	94	91	91	89	88	88	88	89	85	87	88	86	84	81	85	89	93	85	91	88.5
	MIN	72	73	74	69	70	72	67	70	70	68	69	70	71	63	69	69	67	67	67	68	63	65	68	68	66	66	65	70	71	71	71	69.1
CANTON MOUNTAIN	MAX	93	93	90	95	92	93	87	81	85	88	92	94	93	92</																		

DAILY TEMPERATURES

ALABAMA
AUGUST 1961

Continued

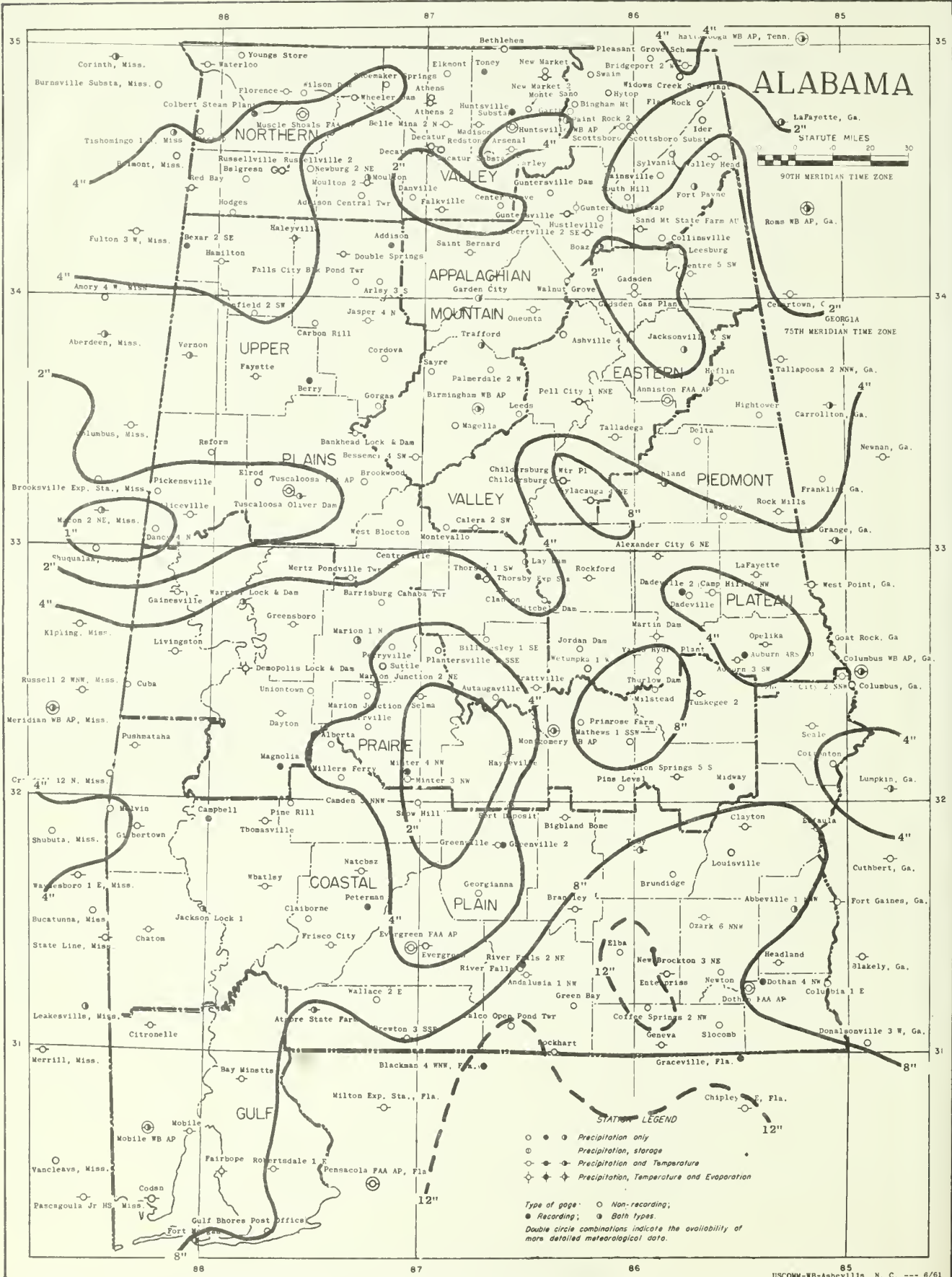
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
REOSTONE ARSENAL	MAX	92	93	88	89	92	89	84	86	86	91	93	93	87	83	76	82	88	87	87	84	81	85	84	82	83	84	87	92	95	95	79	87.0
	MIN	69	68	66	62	63	66	68	68	67	66	66	67	62	58	68	63	61	61	63	62	61	59	65	65	64	62	67	65	66	67	69	64.6
ROBERTSDALE 1 E	MAX	92	94	94	89	90	85	82	81	88	90	92	89	93	92	93	92	87	88	87	87	89	86	87	89	82	89	81	88	89	92	93	88.7
	MIN	71	72	71	69	71	69	68	69	69	68	68	70	72	71	69	71	69	71	69	71	68	64	68	67	69	65	63	68	69	71	70	68.8
ROCKFORD	MAX	94	94	94	95	94	95	85	83	91	90	92	93	94	91	90	85	87	87	88	90	89	89	88	86	84	77	80	87	88	93	95	89.3
	MIN	63	67	66	65	60	61	67	67	66	64	65	66	68	66	69	65	62	63	64	58	59	58	63	63	65	67	68	63	64	68	70	64.5
ROCK MILLS	MAX	96	97	97	93	93	90	84	87	89	93	96	94	93	88	84	88	89	89	89	89	87	87	86	77	80	78	87	92	94	91	80	88.9
	MIN	66	68	68	67	60	70	68	63	66	65	66	68	67	65	67	65	57	58	65	59	62	60	60	60	65	65	66	69	63	65	67	70
RUSSELLVILLE 2	MAX	92	90	92	89	90	92	88	87	86	86	90	92	93	88	82	71	78	88	86	87	80	78	83	84	84	85	84	88	90	92	93	86.7
	MIN	64	68	70	62	63	66	62	62	62	62	62	63	67	60	64	63	59	58	61	60	61	54	57	62	63	59	59	62	64	65	68	62
SAINT BERNARD	MAX	91	92	92	89	91	91	88	81	85	87	90	92	92	87	84	71	84	87	86	86	81	81	85	84	81	83	81	84	91	93	93	86.5
	MIN	66	68	69	65	63	66	63	65	65	66	67	67	69	62	67	61	62	61	62	62	62	58	64	63	64	64	66	65	67	69	69	64.7
SAND MT STATE FARM A U	MAX	89	89	87	87	89	89	77	82	84	87	88	89	85	83	76	84	87	87	84	83	79	83	85	83	81	81	87	91	90	91	85.3	
	MIN	69	70	69	65	62	66	67	65	67	66	67	69	67	59	67	65	67	63	63	58	61	59	62	64	67	67	68	67	74	68	69	65.7
SCOTTSBORO	MAX	94	94	94	90	91	92	93	85	87	88	91	92	93	87	84	73	87	89	88	88	85	83	86	87	81	84	84	90	92	94	94	88.4
	MIN	68	68	68	62	60	63	64	65	66	63	66	66	65	59	64	61	59	59	60	60	62	57	61	66	64	64	66	64	64	66	68	63.5
SEALE	MAX	96	98	96	92	93	82	85	88	90	92	93	94	93	88	70	88	90	90	88	89	89	88	88	78	76	81	88	93	94	83	89	89.0
	MIN	67	69	67	70	70	71	67	66	64	68	68	70	68	65	70	65	62	63	67	62	64	60	63	67	68	68	67	67	66	72	70	66.9
SELMA	MAX	95	94	96	91	93	90	82	82	90	93	94	95	94	91	88	87	90	90	90	91	86	89	85	83	78	81	88	94	96	94	90	89.7
	MIN	72	73	74	71	70	73	69	72	72	71	71	73	73	69	71	69	68	70	69	67	65	65	68	68	67	67	67	68	70	73	73	69.9
SYLACAUGA 4 NE	MAX	93	92	93	90	92	85	78	83	87	91	93	92	91	88	84	83	88	87	88	86	84	87	85	80	80	79	89	93	96	91	80	87.4
	MIN	66	68	68	67	61	70	66	69	70	66	68	69	68	62	72	65	60	60	63	59	61	60	65	63	67	65	68	65	65	68	71	65.6
TALLADEGA	MAX	92	91	94	90	91	87	75	85	85	89	91	91	89	87	79	84	87	87	86	85	84	85				90	90	92	90	80	87.3	
	MIN	67	69	68	68	62	70	67	68	69	67	68	70	69	61	71	67	60	61	62	60	61	60	60	63	60	62	61	65	67	69	70	65.2
THOMASVILLE	MAX	91	92	94	94	88	92	88	77	83	89	89	90	92	90	90	89	86	87	86	86	88	81	88	88	83	79	80	85	89	91	91	87.6
	MIN	68	70	71	68	66	70	66	68	66	66	68	69	69	68	68	65	65	66	65	65	65	61	66	65	64	64	62	66	69	70	71	66.7
THORSBY EXP STATION	MAX	92	88	93	90	92	86	80	84	88	91	93	90	90	92	83	84	88	88	88	89	85	88	85	82	78	80	89	92	93	91	83	87.6
	MIN	68	71	72	69	65	72	70	68	70	68	69	69	69	63	70	67	66	64	64	63	66	61	64	64	66	67	68	67	69	70	71	67.4
TROY	MAX	94	94	92	91	93	80	78	86	90	93																						87.7
	MIN	70	72	71	68	69	70	69	67	67	69																						68.3
TUSCALOOSA FAA AIRPORT	MAX	93	96	97	93	93	90	84	88	89	93	96	92	94	95	87	79	89	88	89	88	84	88	88	83	92	84	89	94	95	86	90	90.1
	MIN	71	72	74	70	67	70	68	70	68	71	71	73	72	68	74	71	68	67	69	66	65	61	69	70	66	66	68	68	69	72	75	69.3
TUSCALOOSA OLIVER DAM	MAX	90	92	93	94	90	93	89	83	89	89	90	95	93	90	91	88	91	88	88	87	90	82	87	93	83	89	84	92	92	95	94	89.8
	MIN	73	70	70	68	65	69	65	67	66	69	68	69	69	64	66	69	66	64	65	64	62	60	60	66	63	64	65	66	66	67	70	66.3
TUSKEGEE 2	MAX	91			94	83	85	88	82	95	96	95	94	85	85	87	90	88	88														88.5
	MIN	69	72	72	71	71	72	69	67	67	71	71	72	69	68	71	69	67	67	67													66.3
UNION SPRINGS 5 S	MAX	93	94	94	92	90	90	89	88	86	89	90	91	92	92	90	89	88	88	89	90	90	88	87	84	84	85	84	85	90	93	87	89.1
	MIN	73	73	75	70	68	70	69	68	69	69	71	72	72	71	70	69	68	68	70	69	68	67	66	65	65	65	66	65	70	70	68	69.2
VALLEY HEAD	MAX	93	94	90	90	88	90	89	80	82	91	90	90	91	85	82	71	85	87	85	85	85	80	85	84	78	80	80	86	90	93	95	86.3
	MIN	62	64	64	62	57	63	58	65	61	62	58	64	63	55	63	55	56	57	58	55	57	55	53	62	62	62	65	61	61	60	65	60.2
VERNON	MAX	91	92	97	97	96	97	88	87	91	91	93	95	96	92	92	83	84	88	88	89	87	85									91.2	
	MIN	67	68	68	63	64	65	65	65	62	65	65	67	67	63	68	67	62	62	62	60	59	53									64.0	
WATERLOO	MAX	91	91	94	90	92	93	92	90	90	89	92	93	94	82	79	73	85	88	86	88	87	85	86	82	83	84	85	87	90	92	94	88.0
	MIN	68	69	70	62	65	64	67	67	63	64	65	64	64	63	68	65	59	61	60	63	60	61	60	56	64	61	64	64	65	66	69	63.9
WATLEY	MAX	94	95	96	88	94	87	82	85	90	94	93	96	95	93	90	90	89	90	89	90	86	89	88	84	81	81	90	92	94	95	92	90.1
	MIN	66	68	69	69	66	70	68	67	67	65	67	66	66	70	68	68	67	58	63	63	60	60	64	62	64	63	63	65	66	68	72	66.1

EVAPORATION AND WIND

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	
OEMOPOLIS LOCK & DAM	EVAP	.09			.29	.13	*	.63		.17	.18	.25	.31	.11	.33	.30	.17	.26	.25	.22	.24	.13	.19	.19	.16	.18	.14	.16	.21	.22	.25	B6.64	
	WIND	21	15	17	36	15	19	42	35	17	14	14	13	19	26	36																	

TOTAL PRECIPITATION

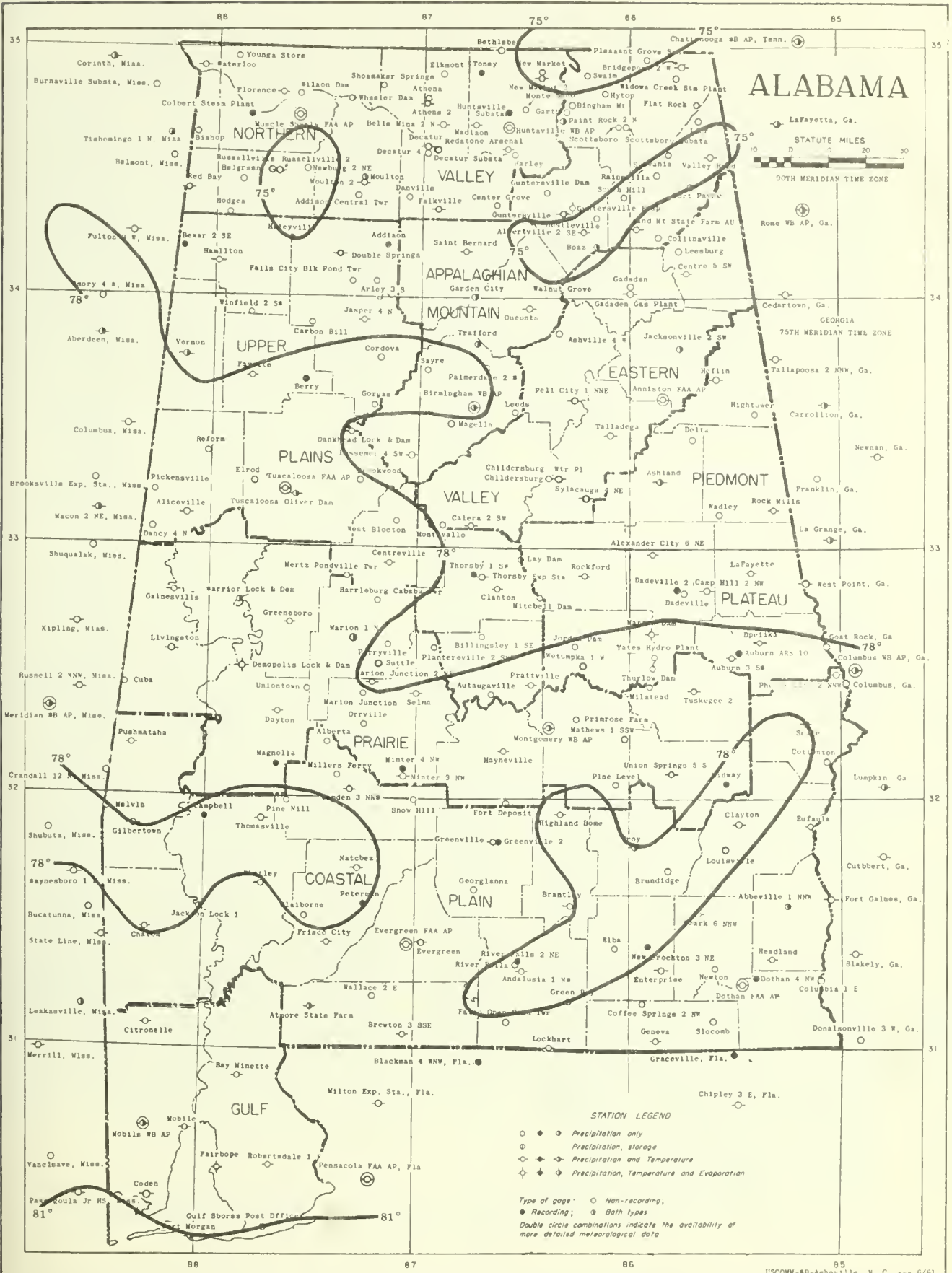
ALABAMA
AUGUST 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
AUGUST 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
AUGUST 1961

STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
							TEMP.	PRECIP.	EVAP.									TEMP.	PRECIP.	EVAP.	
ABBEVILLE 4 N	DOOB	0008	4	31 35	85 15	465	7A			JOHN S. RICHBURG	LAFAYETTE	4502	4	32 54	85 24	830	6P		CLARENCE H. FINCHER		
ADDITION	WINSTON	0063	2	34 13	87 11	795	7A			PALMER GODSEY	CHILTON	4603	7	32 58	86 31	420	6A		ALABAMA POWER CO.		
ANDREWS CENTRAL TOWER	LAFAYETTE	0711	2	34 25	87 11	795	7A			LEEDS	1619	11	33 28	86 33	634	7A		MRS. MARY C. LEE			
ALBERTA	WILCOX	D140	1	32 14	87 25	175	6A			SIDNEY J. HARDY, SR.	4627	7	34 11	85 46	589	7A		RUFUS M. SWELL			
ALBERTVILLE 2 SE	MARSHALL	D148	12	34 14	86 10	1140	5A			JESSE M. CULP	4798	13	32 35	86 08	1160	7P		H. H. MURPHY			
ALEXANDER CITY 6 NE	D143	11	32 59	85 52	640	5P				DOUGLAS M. SANFORD	4822	9	31 01	86 22	290	9A		H. H. C. YOUNG			
ALICEVILLE	WILCOX	0178	13	35 07	88 07	140	7A			MRS. CHERRY J. HERNDON	4886	5	31 48	85 33	470	8A		JOHN B. ARD			
ANDALUSIA 1 NW	WILCOX	0152	6	33 29	87 20	280	7A			W. G. GILLIS	4976	17	34 42	86 45	573	9A		H. HARRY B. TAYLOR, JR.			
ANNISTON FFA AP	CALHOUN	D272	7	33 35	85 51	599	10	MID		FED. AVIATION AGENCY	4996	3	33 30	86 51	654	7A		ALABAMA POWER CO.			
ARLEY 3 S	WINSTON	0338	2	34 04	87 13	500	7A			MRS. DORA R. DAVIS	5004	1	32 08	87 39	185	7A		DR. T. H. GAILLARD			
ASHLAND	CLAY	0369	11	33 16	85 51	1060	6P			HENRY L. MC QUEEN	5108	2	32 38	87 18	210	7A		ROBERT J. CURRY			
ASHTONVILLE 4 W	0477	7	33 51	86 20	590	7A				J. W. SWINDALL	5116	3	32 26	87 14	204	6A		MRS. MARGARET SMITH			
ATHENS	0390	12	34 48	85 59	709	7A				TV-52	5121	3	32 28	87 13	200	6P		ALBURN UNIVERSITY			
ATHENS 2	0395	12	34 48	86 59	720	9A				RADIO STATION WJHO	5140	11	32 40	85 55	335	6P	6P		ALABAMA POWER CO.		
ATMORE STATE FARM	0402	8	31 10	87 29	300	4P				WATKINS 1 5SW	5172	11	32 15	86 01	190	7A		E. PAUL GOWAN			
AUBURN 3 S	0422	11	32 34	85 31	730	8A				MRS. MARTHA L. MOORE	5354	13	31 56	88 27	500	7A		ERNEST H. HALL			
AUBURN ARS 10	0427	11	32 36	85 29	700	6A				AGRI. RESEARCH SERVICE	5382	13	32 53	87 20	600	7A		U.S. FOREST SERVICE			
AUTAUUGVILLE 3 N	0440	11	32 28	86 41	200	6A				J. B. NEIGHBORS	5397	4	32 04	85 32	490	5A		MRS. SARA O. LAND			
BAKAREE LOCK AND DAM	0555	13	33 29	87 20	280	7A				CORPS OF ENGINEERS	5417	11	32 07	87 24	280	7A		FRED HENDERSON			
BAWY MINETTE	0583	9	30 53	87 47	600	7P				GROVER W. WOODWARD	5439	11	32 34	84 24	206	9A		C. O. HAMMOUD, JR.			
BELLEVILLE 2 N	0651	12	34 28	87 52	810	7A				TV-43	5449	11	32 06	87 03	370	7A		H. HENRY J. YATES			
BERRY	0655	12	34 42	86 53	600	5P				ALBURN UNIVERSITY	5454	11	32 07	87 03	-			T. E. LIDE			
BESSMER 4 SW	0748	2	33 40	87 36	452	6A				MISS CLARA R. OLIVE	5465	7	32 48	86 27	350	6A		ALABAMA POWER CO.			
BETHLEHEM	0757	12	34 59	86 38	675	7A				JAMES C. MACKENZIE	5478	10	32 18	86 15	211	10	MID		U.S. WEATHER BUREAU		
BEYAR 2 SE	0740	13	36 10	86 07	570	7A				Oscar W. LOCKRIDGE	5529	12	34 45	86 31	1600	7A		TV-530			
BILLINGSVILLE 1 SE	0823	1	32 39	86 42	420	6A				JOHN R. THOMAS	5537	3	33 06	86 52	462	7A		M. P. JETER, JR.			
BINGHAM MOUNTAIN	0826	12	34 46	86 17	1840	7A				TV-762-C	5550	11	32 18	86 24	195	10	MID		C. H. U.S. WEATHER BUREAU		
BIRMGHAM W. AP	0831	12	34 46	86 17	1840	7A				U.S. WEATHER BUREAU	5622	11	32 18	86 24	195	10	MID		H. J. DEAN		
BISHOP	0854	12	34 39	86 07	470	7A				TV-42	5635	12	34 29	87 18	645	6P		H. JOHN M. KELLY			
BOAZ	0957	2	34 13	86 10	1070	7A				DAVID A. BURNS	5749	12	34 45	87 37	536	10	MID		H. FED. AVIATION AGENCY		
BRANTLEY	1009	6	31 35	86 16	274	8A				R. E. HENDERSON	5785	11	31 43	87 16	182	5P	7A		H. S. B. HELTON		
BREWER 3 SSE	1024	13	33 22	87 01	533	6P				MISS W. CRAWLEY	5808	11	32 27	86 59	500	6A		TV-644			
BRIDGEPORT 2 W	1099	12	34 56	85 45	600	7A				MISS W. LOUISE JONES	5847	12	34 31	87 34	625	7A		TV-644			
BROOKWOOD	1143	2	33 16	87 17	605	7A				MRS. WILLIE M. STROM	5862	12	34 54	86 26	760	7A		TV-624			
BRUNSDICE	1178	5	31 43	85 49	495	7A				MILDRED P. WHITTINGTON	5867	12	34 54	86 26	715	6P	6P		H. MRS. A. W. KILPATRICK		
CALERA 2 SW	1248	5	33 05	86 46	540	5P				PIERCE A. GARRETT	5875	5	31 20	85 36	220	7A		BASCOM M. BROWN			
CANTON 1 NW	1300	13	32 26	87 10	510	5P				ALBURN UNIVERSITY	6121	11	32 27	85 30	570	7A		H. OWEN J. BAILEY			
CAMPBELL	1315	13	31 55	87 59	93	5A				JOE PICKENS	6129	11	32 38	85 23	740	8A		H. RADIO STATION WJHO			
CAMP HILL 2 NW	1324	11	32 50	85 41	680	6A				ALBURN UNIVERSITY	6161	11	32 18	87 14	200	6A		EDWARD B. WARREN			
CARBON HILL	1377	2	33 54	87 32	330	7A				FLOYD J. GARRISON	6218	5	31 32	85 41	460	6A		H. JACOB O. BARNES			
CENTRE 3 SW	1492	12	34 21	86 48	800	7A				DR. BRASHELF	6230	12	34 23	86 01	570	7A		H. C. MC LEON			
CENTRE 5 W	1512	12	34 06	85 45	420	7A				H. DON R. WATSON	6246	2	33 44	86 41	798	7A		GEORGE T. POSEY			
CENTREVILLE	1520	3	32 57	87 03	230	7A				M. W. D. MILLFIELD	6329	7	33 36	86 16	955	7A		H. MORRAN A. VAUGHN			
CHATON	1546	13	31 28	88 15	195	6P				CHAS. C. SMITH	6362	7	32 36	87 09	500	7A		MRS. EVELYN M. FULLER			
CHILDERSBURG	1615	7	33 17	86 21	400	6A				ALABAMA POWER CO.	6370	11	31 37	87 16	195	9A		C. MRS. MINTA EDDINS			
CHILDERSBURG WTP PLANT	1620	7	33 22	86 21	400	6A				MRS. ESTHER A. M. JONES	6414	13	33 13	86 16	165	7A		MRS. MARY A. HEDRICK			
CITRONELLE	1685	9	31 05	88 14	331	6P				TOLLIE L. HASKE	6440	11	31 59	87 36	110	7A		MRS. OELLA L. OAKLEY			
CLABORNE	1690	11	33 32	87 31	185	7A				MRS. MARION W. LASTERFIELD	6408	6	32 04	86 08	500	7A		MRS. EVA C. PAUL			
CLARK	1694	11	33 26	87 31	185	7A				MRS. CAROLYN R. WATSON	6508	11	32 37	86 34	230	7A		THOMAS E. FISCHER			
CLAYTON	1725	5	31 54	85 28	615	5P				AGNES C. CHRISTENSEN	6521	12	34 57	85 55	600	7A		TV-695			
COHEN	1803	9	30 23	88 13	12	5P				HENRY F. KELLEY	6640	11	32 28	86 28	290	6P		M. CONTINENTAL GIN CO.			
COFFEE SPRINGS 2 NW	1807	5	31 11	85 56	250	6A				W. B. MONTGOMERY	6719	13	32 12	88 21	260	12N		H. MRS. JANIE C. BROWN			
COLBERT STEAM PLANT	1849	2	34 15	85 52	394	7A				B. W. APPLETON	6719	13	32 12	88 21	260	12N		H. MRS. JANIE C. BROWN			
COLLINSVILLE	1849	2	34 15	85 52	394	7A				ROBERT E. POPP	6742	12	34 30	85 132	600	7A		TV-746			
COLUMBIA 1 E	1865	4	31 17	85 06	68	7A				ROBERT C. GRESHAM	6805	12	34 26	86 08	680	7A		H. MRS. AUTIE KILBURN			
CORDOVA	1940	2	33 46	87 11	334	8A				WILLIAM S. KITE	6833	12	34 35	86 36	573	10	MID		H. REDSTONE ARSENAL		
CORTON	1974	4	32 09	85 05	217	7A				REUBEN P. HARRIS	6847	13	32 27	86 19	590	6P		H. MRS. LORINE W. MULLINS			
CUBA	2079	11	33 26	86 38	880	7A				RICHARD L. BARTLETT	6937	6	31 22	86 32	180	7A		RUSSELL FINLAY			
DADEVILLE	2119	11	32 49	85 45	760	7A				H. CLAY PLESS	6942	6	31 22	86 31	190	9A		ALABAMA ELECTRIC CO.			
DANCEVILLE 2	2124	13	32 50	85 46	730	7A				J. T. MC DANIEL	6988	9	30 32	87 40	155	7A		H. MICHAEL W. BALDWIN			
DANCY & N	2141	13	33 04	86 10	207	6P				TV-503	7020	4	32 53	86 13	650	6A		H. KNOX MC EWE			
DANVILLE	2150	12	34 25	87 03	210	7A				JAMES M. CREWS	7025	4	33 07	86 13	650	6A		TV-725			
DAYTON	2188	12	34 35	86 58	920	8A				ROSS A. HAWKINS	7126	12	34 30	87 44	740	7A		TV-725			
DECATUR	2207	12	34 35	86 58	920	8A				TV-63-B	7131	12	34 31	87 44	880	7A		H. RADIO STATION WNNR			
DECATUR 4	2216	12	34 37	86 59	570	7A				TV-411	7137	12	34 12	86 47	802	7A		H. ST. BERNARD COLLEGE			
DECATUR SUBSTATION	2221	12	34 36	86 58	588	8A				MRS. VERA B. LANDERS	7207	12	34 12	86 58	119	6P		MRS. M. W. PRIONORE			
DECATUR 5	2225	12	34 37	86 59	570	7A				CORPS OF ENGINEERS	7282	2	33 43	86 58	304	7A		H. RADIO STATION WCR1			
DEMOPOLIS LOCK AND DAM	2																				

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following.

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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 Temperatures" 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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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WEATHER BUREAU
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CLIMATOLOGICAL DATA

ALABAMA



SEPTEMBER 1961

Volume 67 No. 9



ALABAMA - SEPTEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 25th at Vernon

Lowest Temperature: 39° on the 17+ at 3 stations

Greatest Total Precipitation: 7.66 inches at Evergreen

Least Total Precipitation: .07 inch at Muscle Shoals FAA AP

Greatest One-Day Precipitation: 4.76 inches on the 1st at Monte Sano

CLIMATOLOGICAL DATA

ALABAMA
SEPTEMBER 1961

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days						
										95° or Above	85° or Above	75° or Above	65° or Above					Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN VALLEY																											
HENS 2	85.1	58.8	72.0		93	25	41	16	30	10	0	0	0	0	1.74	1.46	1				2	1	1				
LE MINA 2 N	86.4	61.2	73.8		96	24	43	16	15	9	0	0	0	0	+.60	+.18	12				4	0	1				
CATUR	85.2	62.1	73.7	- 1.4	94	25	47	16	15	5	0	0	0	0	2.47	1.69	1				3	2	1				
CKVILLE	86.8	60.8	73.8		96	25	40	16	20	11	0	0	0	0	2.28	1.57	1				5	1	1				
NTSVILLE WB AP	86.7	62.7	74.7		96	24	47	16	11	16	0	0	0	0	+.49	+.24	6				2	0	0				
DIVISION																											
ISON	84.0	61.2	72.6	- 1.4	92	25	44	16	22	6	0	0	0	0	2.73	1.47	1				5	1	1				
ULTON 2	87.2	60.0	73.6		95	24+	41	16	14	11	0	0	0	0	1.62	+.83	2				5	1	0				
GLE SHOALS FAA AP	85.4	60.6	73.0		93	24	45	17	19	11	0	0	0	0	+.07	+.02	3+				0	0	0				
Y MARKET 2	84.5	58.4	71.5		93	24	42	17	28	7	0	0	0	0	1.58	1.30	1				3	1	1				
D BAY	83.6	61.9	72.8		91	24+	45	16	22	2	0	0	0	0	3.32	+.80	6+				6	4	0				
DIVISION																											
OSTONE ARSENAL	84.7	59.7	72.2		93	24	42	16	26	7	0	0	0	0	+.57	+.36	12				2	0	0				
ISELLVILLE 2	84.5	57.3	70.9		91	25+	39	17	30	7	0	0	0	0	+.25	+.13	14				2	0	0				
TERLOO	84.9	58.7	71.8		92	6+	39	16	34	11	0	0	0	0	2.86	1.13	14				3	3	2				
DIVISION																											
APPALACHIAN MOUNTAIN																											
BERTVILLE 2 SE	83.8M	60.3M	72.1M	- .5	90	25+	44	15	23	2	0	0	0	0													
ESSEMER 4 SW	86.7	61.9	74.3		95	25+	44	17+	16	8	0	0	0	0	4.53	1.51	3				8	3	2				
INGHAM WB AP	87.3	65.5	76.4	1.6	96	25+	48	16	3	13	0	0	0	0	2.42	1.15	14				6	1	1				
IDGEPORT 2 W	87.3	57.8	72.6		96	24	40	16	23	14	0	0	0	0	1.69	1.06	1				4	1	1				
INTERSVILLE	86.7	62.1	74.4		93	24+	47	17	5	9	0	0	0	0	2.01	1.24	6				4	1	1				
DIVISION																											
ONTA	85.6	57.9	71.8		95	25	40	16	29	11	0	0	0	0	3.57	2.90	1				2	2	1				
INT BERNARD	84.4	60.6	72.5	- .4	93	25	45	16	21	8	0	0	0	0	2.83	1.75	1				4	1	1				
ND MT STATE FARM A U		61.4													3.76	2.16	1				5	2	1				
OTTSBORO	84.7	58.5	71.6	- 1.6	93	25	42	17+	27	6	0	0	0	0	3.73	2.30	1				7	1	1				
LEY HEAD	83.5	56.6	70.1	- 2.0	91	25	39	16	31	4	0	0	0	0	2.22	1.38	1				4	2	1				
DIVISION																											
UPPER PLAINS																											
ICEVILLE	87.2	65.8M	76.5M		96	5	44	16	17	16	0	0	0	0	+.78	+.78	5				1	1	0				
CKHEAD LOCK AND DAM	87.3	61.8	74.6		95	25+	49	16	7	12	0	0	0	0	+.63	+.18	12				3	0	0				
NTREVILLE	87.7	62.8	75.3	- .5	96	26+	46	17+	12	17	0	0	0	0	2.58	1.62	3				4	2	1				
ANTON	84.9	61.4	73.2	- 2.1	91	26+	45	17	14	6	0	0	0	0	3.20	1.30	1				7	2	1				
UBLE SPRINGS	85.9	60.1	73.0		94	25+	40	16	24	13	0	0	0	0	+.73	+.30	13				3	0	0				
DIVISION																											
YETTE	87.7	60.3	74.0		95	24+	41	18	15	13	0	0	0	0	3.92	1.85	7				5	3	1				
LEYVILLE	83.8	60.3	72.1		91	25	45	16	19	5	0	0	0	0	+.76	+.35	8				3	0	0				
MILTON	85.4	59.7	72.6		93	25+	43	16	21	7	0	0	0	0	+.98	+.31	12				4	0	0				
SPER 4 N	87.7	57.3	72.5		96	24+	41	17	20	16	0	0	0	0	+.76	+.28	2				3	0	0				
ATTVILLE	88.6	65.6	77.1	1.3	95	25+	52	17+	0	20	0	0	0	0	3.66	1.70	2				5	3	2				
DIVISION																											
ORSBY EXP STATION	84.8	64.0	74.4		92	5+	49	16	9	6	0	0	0	0	2.04	+.50	2				6	1	0				
SCALOOSA FAA AIRPORT	88.6	63.8	76.2		97	25+	47	16	4	19	0	0	0	0	+.72	+.24	14				4	0	0				
SCALOOSA OLIVER DAM	87.5	61.9	74.7	- 1.6	96	3	45	16	19	13	0	0	0	0	1.20	+.29	6				5	0	0				
RNON	88.8	59.2	74.0		99	25	40	16	19	16	0	0	0	0	2.28	1.23	11				4	2	1				
DIVISION																											
EASTERN VALLEY																											
WISTON FAA AIRPORT	86.6	62.9	74.8		95	2	47	17	10	13	0	0	0	0	3.92	3.00	5				4	2	1				
ERA 2 SW	87.2	61.0	74.1		95	23	43	16	14	13	0	0	0	0	2.32	+.88	8				3	1	0				
NTRE 5 SW	86.7	58.8	72.8		96	25	43	17+	19	9	0	0	0	0	1.16	+.70	2				3	1	0				
ILDERSBURG WTR PLANT	86.2	61.3	73.8		92	25+	45	17	15	7	0	0	0	0	1.96	+.65	12				5	2	0				
OSDEN GAS PLANT	85.5	61.2	73.4		93	24	44	17	16	8	0	0	0	0	3.38	2.55	1				4	1	1				
DIVISION																											
LL CITY 1 NNE		57.0					42	18+							7.43	2.27	13				7	6	4				
LACAUGA 4 NE	85.9	61.9	73.9		93	24+	44	17+	13	7	0	0	0	0	3.50	2.70	6				4	1	1				
LADEGA	83.7	62.4	73.1	- 1.9	89	25+	46	17	15	0	0	0	0	0	5.21	2.88	6				5	4	1				
DIVISION																											
PIEDMONT PLATEAU																											
XANDER CITY 6 NE	86.3	58.9	72.6		94	24	42	17	17	9	0	0	0	0	1.64	+.71	2				3	1	0				
HLAND	83.2	61.0	72.1		96	25	45	17	21	2	0	0	0	0	+.92	+.33	14				4	0	0				
BURN 3 SW	86.3	63.6	75.0	- .9	94	25	49	17+	7	9	0	0	0	0	1.84	+.99	14				5	1	0				
MP HILL 2 NW	85.3	60.6	73.0		92	25+	47	16	15	8	0	0	0	0	4.09	1.35	13				6	3	1				
AYETTE	86.1	62.1	74.1		93	25+	47	17	14	11	0	0	0	0	+.90	+.68	14				3	1	0				
DIVISION																											
STIN DAM	85.3	65.4	75.4		92	24	56	17	0	5	0	0	0	0	2.99	+.04	.85				6	3	0				
LIKA	87.4				94	25+			12	0	0	0	0	0	2.17	+.92	1				4	2	0				
KFORD	86.9	61.1	74.0		93	26+	46	16	13	15	0	0	0	0	1.60	+.55	1				5	1	0				
K MILLS	86.6	60.9	73.8		94	24	46	17	9	8	0	0	0	0	2.62	1.69	1				4	1	1				
DIVISION																											
PRAIRIE																											
TON	86.8	64.9	75.9		94	26	48	16	3	13	0	0	0	0	1.83	+.81	3				4	2	0				
OPOLIS LOCK AND DAM	86.4	64.4	75.4		94	25	49	17+	4	9	0	0	0	0	1.24	+.44	3				4	0	0				
INESVILLE	87.3	64.0	75.7		94	26+	48	16	5	15	0	0	0	0	1.41	+.68	11				3	0	0				
ENSBORO	88.2	64.9	76.6	- .9	97	22	48	16	1	15	0	0	0	0	2.80	+.72	14				5	3	0				
INGSTON	86.7	63.3	75.0		94	25+	47	16	6	10	0	0	0	0	1.98	+.96	14				3	2	0				
DIVISION																											
ION JUNCTION 2 NE	85.5	64.3	74.9		92	24	48	16	9	7	0	0	0	0	2.02	+.75	1				5	2	0</				

CLIMATOLOGICAL DATA

ALABAMA
SEPTEMBER 1961

CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max		Min.						Total	Max. Depth on Ground	Date	.10 or More	.30 or More	1.00 or More
										80° or Above	32° or Below	32° or Below	Below										
MINTER 3 NW	87.2	64.0	75.6	-	94	24+	51	18+	3	15	0	0	0	2.96	1.12	3	.0	0		5	2	1	
MONTGOMERY WB AP	87.3	65.7	76.5	.6	94	25+	51	16	2	11	0	0	0	2.08	.77	4	.0	0		5	2	0	
SELMA	87.8	66.1	77.0	.2	95	23+	48	16	2	14	0	0	0	2.19	.87	2	.0	0		6	1	0	
TUSKEGEE 2	86.4	M	M		93	25+	52	18+	10	0	0	0	0	2.86	1.15	11	.0	0		6	3	1	
UNION SPRINGS 5 S	85.5M	63.6M	74.6M	- 2.0	94	26+	47	16	9	9	0	0	0	1.82	.77	14	.0	0		4	1	1	
DIVISION			75.7	- 1.2										2.11	.70		.0						
COASTAL PLAIN																							
ANOALUSIA 1 NW	86.9	63.8	75.4		93	26+	51	18+	3	9	0	0	0	3.85	1.06	15	.0	0		10	2	1	
ATMORE STATE FARM	87.6	65.6	76.6		95	24+	52	18	0	15	0	0	0	4.28	1.45	26	.0	0		7	2	1	
BRANTLEY	88.1	62.8	75.5		95	25+	48	16	3	17	0	0	0	3.82	.95	1	.0	0		7	4	0	
BREWTON 3 SSE	88.0	64.2	76.1	.1	95	23	45	18	5	12	0	0	0	5.57	1.62	13	.0	0		10	4	3	
CAMOEN 3 NW	88.1	63.8	76.0		95	25+	48	18+	3	16	0	0	0	1.31	.42	14	.0	0		4	0	0	
CHATOM	88.7	62.7	75.7		95	25+	45	18	6	18	0	0	0	2.62	.92	14	.0	0		5	2	0	
CLAYTON	86.2	64.7	75.5		93	26	50	18	2	10	0	0	0	4.05	1.50	6	.0	0		6	4	2	
OOZHAN FAA AIRPORT	87.7	66.8	77.3		95	26	53	16	0	14	0	0	0	3.12	1.34	9	.0	0		5	3	1	
ENTERPRISE	87.2	66.2	76.7		95	22	52	17	1	12	0	0	0	3.25	1.34	9	.0	0		5	2	2	
EUFULA	87.2	64.9	76.1	- 1.1	95	25	51	18+	2	12	0	0	0	4.54	1.27	2.06	1	.0		7	3	1	
EVERGREEN	87.7	65.9	76.8		94	25+	50	16	1	13	0	0	0	7.66	1.96	14	.0	0		10	8	2	
FRISCO CITY	87.4	65.0	76.2		93	26+	49	18+	4	13	0	0	0	4.34	1.48	1	.0	0		8	2	2	
GENEVA	87.7	66.1	76.9		94	27+	51	18	1	17	0	0	0	2.58	1.16	6	.0	0		5	1	1	
GILBERTOWN	87.6	61.9	74.8		95	24	45	18	12	14	0	0	0	3.45	1.29	14	.0	0		5	4	1	
GREENVILLE	87.2	66.1	76.7	.1	95	24	50	16	1	13	0	0	0	2.63	1.01	.64	3	.0		6	3	0	
HEADLAND	87.7	65.9	76.8		94	27+	51	16	0	14	0	0	0	2.72	1.08	1	.0	0		7	1	1	
HIGHLAND HOME	83.6	65.9	74.8	- 1.9	90	26	50	16	9	1	0	0	0	3.13	1.00	2	.0	0		5	3	1	
LOCKHART	87.1	66.7	76.9		94	27+	51	18	5	11	0	0	0	3.38	1.57	15	.0	0		8	2	1	
NATCHEZ	88.1	61.9	75.0		95	25+	43	18	13	15	0	0	0	1.92	.95	14	.0	0		6	1	0	
OZARK 6 NNW	88.1	64.7	76.4	.6	95	25+	50	18+	3	14	0	0	0	1.91	2.30	.42	1	.0		7	0	0	
PHENIX CITY 2 NNW	86.6	65.4	76.0		93	23	52	18+	0	11	0	0	0	1.31	.70	15	.0	0		3	1	0	
PUSHMATAHA	86.3	62.2	74.3	- 1.3	93	26+	43	16	16	10	0	0	0	1.85	1.14	.73	14	.0		6	1	0	
SEALE	87.7	63.7	75.7		95	25+	50	17	2	12	0	0	0	2.95	1.20	5	.0	0		4	3	1	
THOMASVILLE	85.2	63.0	74.1	- 2.2	92	26	46	16	12	8	0	0	0	2.55	1.13	3	.0	0		5	2	1	
TROY	87.4	66.0	76.7	.4	93	25+	48	16	2	11	0	0	0	1.16	2.55	.43	14	.0		4	0	0	
WHATLEY	88.0	62.6	75.3		96	24	46	16	9	16	0	0	0	3.96	1.86	3	.0	0		8	2	1	
DIVISION			75.9	- .8										3.23	.66		.0						
GULF																							
BAY MINETTE	86.6	67.8	77.2		94	24	53	18+	0	10	0	0	0	4.30	1.32	11	.0	0		7	4	1	
CITRONELLE	86.7	67.5	77.1	.5	93	25+	53	16	0	9	0	0	0	5.40	1.84	10	.0	0		9	3	2	
COEN	89.5	68.3	78.9		97	24	53	18	1	17	0	0	0	7.14	2.63	10	.0	0		9	4	2	
FAIRHOPE	87.7	68.4	78.1	.4	95	24	54	18	0	12	0	0	0	5.01	1.08	10+	.0	0		9	5	3	
FORT MORGAN	85.3	73.9	79.6		91	24	62	16	0	1	0	0	0	4.30	1.67	9	.0	0		4	3	3	
MOBILE WB AIRPORT	87.8	68.3	78.1	.4	96	5	54	18	0	13	0	0	0	6.63	1.75	10	.0	0		10	3	3	
MOBILE	87.4	70.2	78.8		94	26+	55	18	0	12	0	0	0	5.81	1.80	2	.0	0		7	4	3	
ROBERTSOALE 1 E	87.5	66.8	77.2		93	25+	52	18	0	11	0	0	0	7.43	3.18	2	.0	0		8	3	2	
DIVISION			78.1	.3										5.75	.04		.0						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 p. CST	Trace	01-09	10-49	50-99	100-199			200 and over	Total
BIRMINGHAM WB AIRPORT	ESE	10	6.4	30	SW	12+	81	86	56	63	2	3	5	0	1	0	11	79	5.0
HUNTSVILLE WB AIRPORT	ESE	16	6.0	24++	E	6	84	89	52	64	5	3	2	0	0	0	10	-	4.3
MOBILE WB AIRPORT	NE	13	9.2	26++	SE	26	87	91	59	73	0	2	7	0	3	0	12	-	5.8
MONTGOMERY WB AIRPORT	ESE	12	6.1	29	NE	4	94	97	60	74	2	2	3	2	0	0	9	69	5.2

DAILY PRECIPITATION

ALABAMA
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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				
OBBEVILLE 1 NW	3.67	.48	.10	.57		.22						1.57	.17			.56																				
ODDISON CENTRAL TOWER	1.60	.80																																		
LIBERTIA	1.86	.16	.23	T			.78		.06			.06	.07	.12	.38	T																				
LIBERTVILLE 2 SE	-																																			
ALEXANDER CITY 6 NE	1.64		.71			.03	.33	.01				.08	.02	.04	.42																					
LICEVILLE	.78						.78																													
MOALUSIA 1 NW	3.85	.37	.10	.72	T		.04		.20	.18	T	.05	.13	.23	.45	1.06	T																			
WINSTON FAA AIRPORT	3.92	.03				3.00	.03	.15					.13		.58																					
WILEY 3 S	1.79	.74						.48	.42						.15																					
WISLAND	.92	.02	.13				.12	.04			T	T			.28	.33																				
SHVILLE 4 W	2.78	1.67	.09	.28				.12			T				.62																					
THENS 2	1.74	1.46	.04												.16	.18																				
THMORE STATE FARM	4.28	.47	.92	.17		.06		.11	.27		.48		.17	.48	.05																					
THURN 3 SW	1.84	.02													.22	.99	.23																			
UTAUGAVILLE 3 N	2.58	.07	.64	.18		.97		.12						.36	.08	.13	.03																			
WANKHEAD LOCK AND DAM	.63	.03	.03	.02			.06	.04	.17						.18	.10																				
WAF HINETTE	4.30	.15	.80				.32			.72		1.32	.18		.07																					
WELGREEN	1.18	.02	.68			.35	.33	.03						.31		.14																				
WELLE MINA 2 N	.60	.10	.04			.10		.04						.18		.14																				
WESSEMER 4 SW	4.53	.56	.12	1.51		T	.30	.06	.20					.17	1.50	.11																				
WETLICHEM	1.59	1.42	.04				.11	.02																												
WILLINGSLEY 1 SE	1.95	.80	.01	.35			.24	.11						.20	.04	.20																				
WIRMINGHAM W8 AP	2.42	.14	.42			.24	.22	.04					.01	.15	.05	1.15	T																			
WISHOP	2.23			.12	.90	.08	.08	.39	.10					.18		.40																				
WIZ	2.15	1.25		.05				.14								.71																				
WIZANTLEY	3.82	.95	.50	.40			.07								.06	.21	.08																			
WIZANTLEY 3 SSE	5.57	.25	.58	1.05				.10		1.08	.17	.25	.26	.04	1.62	.07																				
WIZARDPORT 2 W	1.69	1.06	.20			.07	T			T																										
WIZARDWOOD	2.20	.37		.73				.45						.05		.60																				
WIZARDWOOD	1.91	.27					.43								.28	.93																				
WIZARDWOOD	2.32																																			
WIZARDWOOD	1.31	.30	.16	.01			.08	.06	.03	.05	.08	.01	.11			.42																				
WIZARDWOOD	4.09	.78	T				.23	.88							1.35	.45	.40																			
WIZARDWOOD	1.40	.12	.34			.13		.08	.22					.04		.47																				
WIZARDWOOD	5.28	4.29	.05		.31			.07							.39	.17	T																			
WIZARDWOOD	1.16	.10	.70			T	.08	T		T					.23																					
WIZARDWOOD	2.58	.17	.20	1.62			.03								.02	.54																				
WIZARDWOOD	2.42	.25	.68					.02		.15	.06	.33	.29	.05	.02	.35																				
WIZARDWOOD	4.33	2.98	.05	.34			.16		.15						.30	.35																				
WIZARDWOOD	1.96	.23	.04	.01			.19	.20						.65		.64																				
WIZARDWOOD	5.40	.99	1.09		.05	.23	.27	.37	.11	1.84	.23	.02	.83																							
WIZARDWOOD	4.87	.04	.07	2.00	.09		.23		.02		.02	.08	.07	T	1.15																					
WIZARDWOOD	3.20	1.30	.40	.20			.15	.10							.95	.10																				
WIZARDWOOD	4.05	.20	.20	T	T	1.50	.60	T	T	.55	T	T	T	T	1.00																					
WIZARDWOOD	7.14	.11	1.17	.39			.82					2.63	1.72	.03	.04	.02																				
WIZARDWOOD	3.02		.85	.08			.12					.12	.28	.73	.15	.17	.52																			
WIZARDWOOD	.78	.21		.03	.21											.29	.29																			
WIZARDWOOD	3.69	2.42		.71			.02		.02							.04	.46	.02																		
WIZARDWOOD	3.68	.52	T	.07			1.96		.15	.20	T			.37		.46	.41																			
WIZARDWOOD	.47	T	.22	.12			.05									.08																				
WIZARDWOOD	5.58	.58		T			.55							.37	2.65	T	1.43																			
WIZARDWOOD	2.46	.05	.11				.22						.58	.27	.04	1.19																				
WIZARDWOOD	2.43	.60	.26				.65		.36						.20	.60	.12																			
WIZARDWOOD	.36							.36																												
WIZARDWOOD	1.23	.72		.35											.16																					
WIZARDWOOD	1.83																																			

DAILY TEMPERATURES

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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	
BERTVILLE 2 SE	MAX	86	87	86	88	88	90	89	87	87	86	87	87	85	69	67	73	73	74	79	85	88	87	90	88	88	84	84	84	83.8		
	MIN	69	67	66	66	67	66	66	67	66	66	67	65	65	44	45	48	57	54	53	64	64	63	63	55	54	53	54	55	60.3		
EXANDER CITY 6 NE	MAX	87	85	92	93	93	89	88	87	86	87	87	88	83	74	75	75	75	77	83	89	92	93	94	93	90	90	88	86	84	86.3	
	MIN	68	68	63	63	64	64	68	66	67	66	67	64	62	66	52	44	42	46	55	51	48	57	58	58	59	60	57	54	53	57	58.9
ICEVILLE	MAX	91	90	92	94	96	91	91	90	88	89	90	89	89	76	72	74	74	78	80	85	88	90	93	91	90	92	88	84	90	87.2	
	MIN	77	76	74	70	71	73	72	72	71	74	78	76	73	70	62	44	47	48	52	55	62	69	63	62	60	60	60	62	64	65.8	
DALUSIA 1 NW	MAX	85	85	88	91	93	92	89	89	89	88	88	82	88	85	75	76	76	78	79	87	90	92	93	92	93	91	88	88	89	86.9	
	MIN	70	71	66	66	68	65	67	67	69	68	68	69	67	72	63	51	56	51	56	56	59	63	64	65	65	65	61	60	62	63.8	
NISTON FAA AIRPORT	MAX	90	95	90	93	88	89	90	90	88	90	89	90	90	72	72	76	76	78	77	81	88	92	92	94	91	86	89	89	88	85	86.6
	MIN	73	71	65	68	65	66	72	66	69	70	70	69	66	69	53	48	47	48	59	61	55	62	63	63	64	63	57	56	64	64	62.9
HLAND	MAX	84	79	89	88	90	86	87	87	87	86	84	84	79	69	73	73	74	76	77	83	87	87	88	96	83	83	84	85	82	83.2	
	MIN	70	70	64	66	69	65	68	66	67	66	67	65	63	65	51	47	45	47	51	55	53	60	61	62	63	64	60	59	59	62	61.0
HENS 2	MAX	82	88	90	90	89	91	91	85	88	89	89	90	89	70	89	70	75	74	76	75	82	88	90	92	93	90	80	87	83	87	85.1
	MIN	68	70	69	66	65	61	68	65	65	66	67	68	66	62	48	41	46	47	45	49	51	63	62	62	61	51	50	52	53	58	58.8
MORE STATE FARM	MAX	87	88	92	93	93	90	92	90	89	85	85	84	85	77	77	77	77	79	83	87	90	91	95	95	94	93	90	90	91	88	87.6
	MIN	72	73	68	70	71	68	70	68	71	70	71	72	69	63	61	54	55	52	56	58	63	65	66	68	67	69	66	65	64	64	65.6
BURN 3 SW	MAX	79	88	88	87	93	92	90	88	89	88	88	87	88	78	75	76	74	77	78	83	88	92	93	94	91	90	91	89	86	86.3	
	MIN	70	70	73	71	69	66	70	70	70	70	70	70	65	68	59	49	49	51	55	54	53	60	63	66	65	61	63	61	63	63	63.6
NKHEAO LOCK AND DAM	MAX	85	92	85	89	93	93	91	90	89	89	90	89	88	72	74	77	78	79	78	85	89	93	95	95	94	87	92	88	89	87.3	
	MIN	73	73	70	68	68	69	68	69	68	69	67	66	63	54	49	50	50	50	52	56	57	62	62	64	64	62	55	58	56	57	61.8
Y MINETTE	MAX	85	84	91	93	92	88	89	88	85	83	84	81	85	85	76	76	77	79	82	86	89	91	93	94	93	90	90	91	89	88	86.6
	MIN	74	72	70	71	72	69	71	72	72	71	72	73	72	74	65	53	56	53	59	61	65	68	70	71	72	68	68	66	65	67.8	
LLE MINA 2 N	MAX	89	90	87	93	91	88	89	89	88	88	89	88	88	80	72	76	78	72	74	84	90	95	95	96	93	84	90	85	87	85	86.4
	MIN	71	70	70	68	69	69	70	66	66	67	70	69	68	64	51	43	47	48	56	50	54	64	63	63	67	53	52	53	56	59	61.2
SSEMER 4 SW	MAX	90	87	89	94	93	89	87	88	87	88	88	89	87	79	73	75	76	75	80	84	88	92	94	95	95	87	91	88	88	86	86.7
	MIN	73	70	70	68	67	68	70	71	71	72	72	70	68	65	53	44	44	46	51	52	54	61	61	62	63	61	56	56	54	65	61.9
RMINGHAM W8 AP	MAX	89	82	93	96	95	92	90	92	89	90	90	87	87	75	75	78	78	77	79	82	88	90	93	93	96	89	93	89	87	86	87.3
	MIN	75	71	75	73	72	70	73	75	72	72	73	71	70	62	53	48	51	54	59	57	58	65	66	67	67	64	60	62	63	68	65.5
ANTLEY	MAX	83	83	89	95	95	94	91	90	91	90	90	88	82	85	87	77	78	78	79	80	83	91	94	94	95	93	93	92	92	90	88.1
	MIN	71	72	66	68	68	65	68	68	70	69	69	68	65	71	62	48	52	49	53	55	57	61	61	62	63	63	64	57	59	59	62.8
EWTON 3 SSE	MAX	83	88	93	94	94	89	88	89	88	88	80	84	87	87	79	76	77	78	82	89	93	93	95	93	93	92	89	91	90	88	88.0
	MIN	72	72	68	67	68	69	70	69	71	70	69	75	68	73	65	50	53	45	53	56	60	64	62	64	64	65	63	60	62	60	64.2
LOGEPORT 2 W	MAX	91	87	92	95	91	90	89	88	91	93	91	90	80	72	75	76	76	78	83	89	92	95	96	91	86	88	89	89	85	87.3	
	MIN	67	66	64	67	66	65	67	64	65	65	64	66	64	62	48	40	43	45	47	53	48	59	60	62	62	51	48	50	54	53	57.8
LERA 2 SW	MAX	88	83	90	91	94	92	88	90	89	87	90	86	87	78	74	76	78	77	82	84	89	92	95	94	94	90	91	89	90	87	87.2
	MIN	69	73	70	66	66	67	70	68	69	68	67	68	67	65	53	43	44	44	50	53	56	60	60	61	62	63	58	56	55	58	61.0
MOEN 3 NW	MAX	90	87	92	92	93	89	90	90	90	89	86	85	86	80	75	78	79	79	83	87	92	93	95	95	95	91	92	90	91	89	88.1
	MIN	72	73	67	69	67	67	67	68	69	69	71	71	66	66	60	49	48	48	50	58	60	63	65	65	66	66	64	62	60	64	63.8
MP HILL 2 NW	MAX	80	89	87	90	92	92	89	87	87	87	88	86	86	87	79	74	75	74	74	75	78	87	90	92	92	91	90	89	88	85	85.3
	MIN	70	70	64	66	66	64	64	67	67	67	68	66	65	70	56	47	50	48	49	50	51	56	59	60	62	62	61	58	55	60	60.6
NTRE 5 SW	MAX	80	89	84	91	94	93	90	89	90	89	89	88	89	89	72	74	77	77	78	73	86	89	93	95	96	93	87	89	89	88	86.7
	MIN	67	67	64	65	66	67	68	66	66	66	68	66	64	65	51	43	43	44	51	54	51	58	60	59	60	59	51	50	50	51	58.8
NTREVILLE	MAX	86	90	90	90	93	95	91	91	91	89	89	90	89	85	74	76	76	78	76	81	80	90	92	94	96	96	91	93	90	89	87.7
	MIN	72	75	71	68	69	70	70	69	69	69	69	68	68	66	55	46	46	48	49	55	54	61	62	67	66	65	60	58	60	60	62.8
ATOM	MAX	91	85	92	95	95	92	92	91	89	87	85	81	90	80	78	78	81	80	84	88	91	93	95	95	95	92	92	91	93	91	88.7
	MIN	70	74	69	66	67	66	67	67	69	67	70	73	70	67	63	46	47	45	48	55	59	63	63	63	63	65	62	61	57	59	62.7
ILOERSBURG WTR PLANT	MAX	89	86	90	92	92	88	88	89	88	88	88	88	88	84	74	74	75	75	78	82	88	91	92	92	92	88	88	86	87	85	86.2
	MIN	71	73	68	68	68	68	70	66	67	66	69	66	65	66	54	46	45	46	55	54	53	61	61	62	62	63	58	57	54	58	61.3
TRONELLE	MAX	89	85	88	93	93	90	89	86	84	84	82	89	82	76	76	78	77	83	86	88	90	92	92	92	91	89	89	89	89	86.7	
	MIN	73	74	70	71	72	69	71	71	71	71	70	73	72	69	64	53	56	54	58	62	61	68	69	72	71	69	68	69	70	65	67.5
ANTON	MAX	84	86	85	90	91	91	88	87	88	86																					

DAILY TEMPERATURES

ALABAMA
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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	
FAYETTE	MAX 70	87 73	87 71	90 65	95 72	91 68	88 66	90 67	89 68	88 69	92 69	89 69	88 67	82 61	76 50	77 42	80 44	78 48	80 51	85 47	93 53	92 62	92 61	95 61	94 61	85 58	91 53	88 56	90 54	87 60	87. 60.	
FORT MORGAN	MAX 80	89 77	87 75	87 77	89 80	89 78	88 77	87 76	85 73	83 73	84 75	85 79	85 73	86 73	80 70	75 62	79 65	78 64	80 65	83 69	85 75	84 75	88 73	91 77	89 78	88 78	87 73	86 75	85 75	85. 73.		
FRISCO CITY	MAX 70	87 73	89 68	91 69	92 70	93 67	89 69	89 70	88 70	88 70	87 71	83 70	86 68	86 58	76 62	78 49	77 52	78 55	82 59	87 64	90 63	92 66	92 66	93 66	93 67	93 68	91 66	90 64	91 63	87. 65.		
GAOSOEN GAS PLANT	MAX 78	83 70	91 68	92 67	92 69	89 67	88 70	89 68	89 69	87 68	90 69	88 68	80 69	80 65	71 69	74 44	74 52	75 62	82 52	87 52	92 59	92 62	93 62	91 62	85 60	88 53	85 51	87 60	83 60	85. 61.		
GAINESVILLE	MAX 89	94 75	89 71	86 70	93 71	93 70	91 69	90 71	92 70	90 70	91 72	89 70	87 64	87 64	74 48	77 50	78 51	81 54	85 57	79 54	78 58	88 64	90 65	91 65	93 66	94 66	94 66	85 62	91 63	87. 64.		
GENEVA	MAX 82	90 71	91 74	93 70	93 71	93 67	87 69	91 71	90 72	90 70	88 72	81 68	88 73	85 65	77 52	77 54	77 51	79 58	78 58	88 64	90 65	92 65	93 67	93 67	92 68	94 69	92 68	90 66	88. 66.			
GILBERTOWN	MAX 65	88 74	89 75	87 77	89 80	89 78	88 77	87 76	85 73	83 73	84 75	85 79	85 73	86 73	80 70	75 62	79 65	78 64	80 65	83 69	85 75	84 75	88 73	91 77	89 78	88 73	87 75	86 75	85 75	87. 61.		
GREENSBORO	MAX 90	85 71	85 71	93 70	95 70	90 69	90 69	89 70	90 70	89 70	88 72	84 72	87 69	80 64	77 54	79 48	80 52	83 54	85 63	91 63	97 67	96 66	96 66	94 68	90 66	93 64	89 63	93 61	90 65	88. 67.		
GREENVILLE	MAX 85	85 71	91 69	93 73	94 70	88 68	88 70	90 70	88 71	88 71	80 70	81 71	80 70	77 63	77 50	77 54	78 53	80 56	86 61	90 60	86 60	93 66	94 69	95 69	94 67	92 70	93 68	91 65	87. 66.			
GUNTERSVILLE	MAX 86	86 70	90 72	93 73	93 66	90 67	89 67	88 68	90 70	89 71	89 71	89 71	86 65	86 56	75 47	77 52	77 52	82 54	87 54	89 61	93 60	93 60	93 61	93 62	86 58	87 59	87 58	87 54	82. 62.			
HALEYVILLE	MAX 83	88 69	89 70	84 62	90 62	90 68	89 69	83 67	87 67	87 68	87 67	87 67	85 66	72 45	72 47	76 51	74 53	81 58	85 58	90 61	85 60	92 62	91 62	88 61	88 55	80 55	83 56	86 57	86. 60.			
HAMILTON	MAX 85	89 66	92 69	85 65	90 68	92 67	89 65	84 66	88 66	88 66	88 66	89 66	87 66	86 58	72 49	73 47	76 48	77 54	88 64	90 61	93 61	93 62	93 61	89 58	90 52	83 52	89 55	83 61	88. 59.			
HEAOLANO	MAX 87	91 70	92 71	92 71	94 71	87 67	89 71	88 71	88 71	88 71	84 70	87 71	86 72	80 67	86 72	79 61	76 54	78 53	85 62	90 56	93 67	93 67	93 69	94 69	94 68	90 65	89 64	91 66	87. 65.			
HIGHLAND HOME	MAX 82	84 70	86 69	88 73	89 67	88 67	84 69	85 70	84 70	85 70	86 71	80 67	82 67	78 63	74 60	73 52	73 52	80 62	80 62	87 65	89 69	89 71	89 71	89 68	89 68	86 67	88 64	84 63	83. 65.			
HUNTSVILLE W8 AP	MAX 90	89 72	88 73	92 69	92 71	92 70	90 70	92 70	91 70	91 72	91 70	91 70	90 70	86 56	76 48	76 48	76 51	83 55	90 55	93 66	94 65	96 65	92 64	83 55	88 54	83 54	87 54	85 54	85 57	86. 62.		
JASPER 4 N	MAX 69	91 69	87 64	94 67	93 65	92 65	87 65	90 64	89 64	90 63	92 63	92 63	88 61	88 48	74 42	77 41	77 43	85 49	89 44	91 58	96 58	96 58	96 58	94 58	86 58	92 58	87 58	89 51	87. 57.			
LAFAYETTE	MAX 88	89 70	91 69	92 69	91 69	89 65	87 65	87 66	89 66	89 66	91 66	88 67	88 65	81 48	74 45	74 48	75 48	80 52	88 61	91 62	93 65	93 66	93 66	90 63	87 63	85 63	87 60	85 60	83. 62.			
LIVINGSTON	MAX 90	91 69	85 70	94 69	93 69	90 69	88 69	90 70	88 70	88 71	83 71	87 69	77 65	75 56	77 48	80 51	84 55	88 59	89 65	92 65	92 64	94 65	94 66	94 62	88 62	90 62	87 57	89 61	87. 63.			
LOCKHART	MAX 83	86 72	87 70	92 70	93 72	92 67	88 71	90 71	89 72	88 73	85 73	85 63	86 63	86 63	75 52	78 57	78 51	80 63	88 67	92 67	93 66	94 70	94 66	94 66	92 66	92 66	89 65	91 65	87. 66.			
MAOISON	MAX 69	87 69	88 69	86 68	91 68	90 68	89 68	87 69	89 69	87 69	88 69	87 69	87 66	87 49	74 44	74 45	75 51	81 55	86 63	90 64	92 64	92 64	92 64	86 54	90 54	89 52	85 52	82 60	84. 61.			
MARION JUNCTION 2 NE	MAX 87	86 73	87 71	91 70	91 69	87 69	87 68	88 68	87 70	88 71	86 71	83 70	84 66	79 53	74 48	75 49	75 53	84 59	88 65	91 65	91 67	92 67	92 67	88 65	88 65	88 65	88 65	89 62	89. 64.			
MARTIN OAM	MAX 90	86 70	89 66	90 69	90 69	88 69	88 72	87 71	88 70	88 71	88 71	88 71	88 70	88 60	73 57	74 56	75 57	82 60	89 58	89 62	89 62	89 62	88 67	88 67	88 65	87 65	86 65	84 63	85. 65.			
MINTER 3 NW	MAX 90	92 73	92 68	92 66	92 66	90 66	88 66	89 69	88 69	85 69	83 69	83 67	82 58	78 51	72 48	72 52	79 56	85 63	90 63	91 65	94 65	94 65	92 65	91 65	91 65	91 65	91 63	90 63	87. 64.			
MOBILE W8 AIRPORT	MAX 85	83 71	82 71	93 71	96 72	92 71	93 73	91 73	87 73	83 73	83 76	83 76	81 68	81 55	80 55	82 54	80 54	86 58	89 62	90 69	92 68	94 68	94 68	94 68	90 66	92 66	89 66	87 68	87. 68.			
MOBILE	MAX 89	89 77	88 74	90 73	93 74	93 71	94 71	91 74	90 73	87 75	82 72	83 76	88 76	88 67	75 56	78 58	78 55	85 65	85 71	89 70	89 71	93 71	94 70	91 70	91 70	91 70	91 69	91 67	87. 70.			
MONTGOMERY W8 AP	MAX 89	89 72	92 72	94 72	94 72	89 72	89 72	89 72	88 72	88 71	84 71	87 70	87 67	77 57	76 52	76 52	80 57	83 59	89 65	92 65	92 65	94 65	94 65	92 65	92 65	92 65	91 65	89 63	87. 65.			
MOULTON 2	MAX 89	93 68	84 66	93 66	93 69	88 69	88 68	89 69	89 69	88 69	88 69	88 69	88 69	80 62	80 42	79 47	79 47	80 51	80 56	87 62	95 65	95 65	92 63	92 63	89 63	89 63	88 63	88 61	87. 60.			
MUSCLE SHOALS FAA AP	MAX 88	89 68	82 69	90 66	91 69	90 68	87 69	90 68	88 68	90 68	92 67	86 68	74 51	71 45	77 48	77 48	76 50	83 54	88 66	90 66	92 66	93 66	90 62	80 53	85 53	84 53	88 53	87 53	87. 60.			
NATCHEZ	MAX 90	92 71	92 66	93 66	94 66	88 66	89 66	89 69	88 69	85 69	85 69	85 69	87 60	78 45	77 44	77 43	82 49	88 57	91 62	93 64	95 63	95 63	95 63	94 63	93 62	94 62	91 60	92 61	90. 61.			
NEW MARKET 2	MAX 87	90 68	86 66	88 65	90 69	91 65	88 65	88 64	88 64	88 64	87 63	86 62	86 62	65 43	65 42	65 44	75 55	81 61	88 64	90 61	92 61	93 61	91 61	83 48	85 48	82 48	85 51	83. 58.				
ONEONTA	MAX 80	89 67	82 66	91 64	93 64	92 65	91 67	87 64	90 65	88 65	89 63	89 63	88 49	80 43	75 44	76 44	76 48	83 48	89 58	92 58	92 59	92 59	92 59	92 59	92 59	92 59	92 59	92 59	85. 57.			
OPELIKA	MAX 80	89 67	89 66	93 64	93 64	94 65	89 67	89 64	90 65	87 65	88 63	89 63	88 60	88 49	78 43	77 44	76 44	80 55	88 61	90 61	93 61	94 61	94 61	94 61	94 61	94 61	94 61	94 61	87. 61.			
OZARK 6 NNW	MAX 84	89 70	89 68	90 66	94 65	95 68	88 68	88 68	88 70	88 70	93 70	84 68	90 62	86 52	78 48	76 50	78 50	85 56	88 64	91 64	92 64	93 64	95 64	94 64	94 64	94 64	94 64	94 64	88. 64.			
PELL CITY 1 NNE	MAX 68	66 63	63 63	64 65	65 63	65 64	65 64	64 64	64 64	63 64	63 64	59 63	48 42	42 42	42 42	48 50	50 50	55 58	58 58	59 58	58 51	58 51	58 51	58 51	58 51	58 51	58 51	58 51	57. 57.			
PHENIX CITY 2 NNW	MAX 85	90 69	90 71	92 71	92 67	91 67	88 70	88 69	89 70	87 69	87 71	89 71	89 67	82 61	82 61	77 52	77 52	83 60	89 63	91 67	91 68	91 68	91 68	90 68	90 68	90 68	87 63	84 63	86. 65.			
PRATTVILLE	MAX 95	90 72	91 69	92 73	9																											

DAILY TEMPERATURES

ALABAMA
SEPTEMBER 1961

Continued

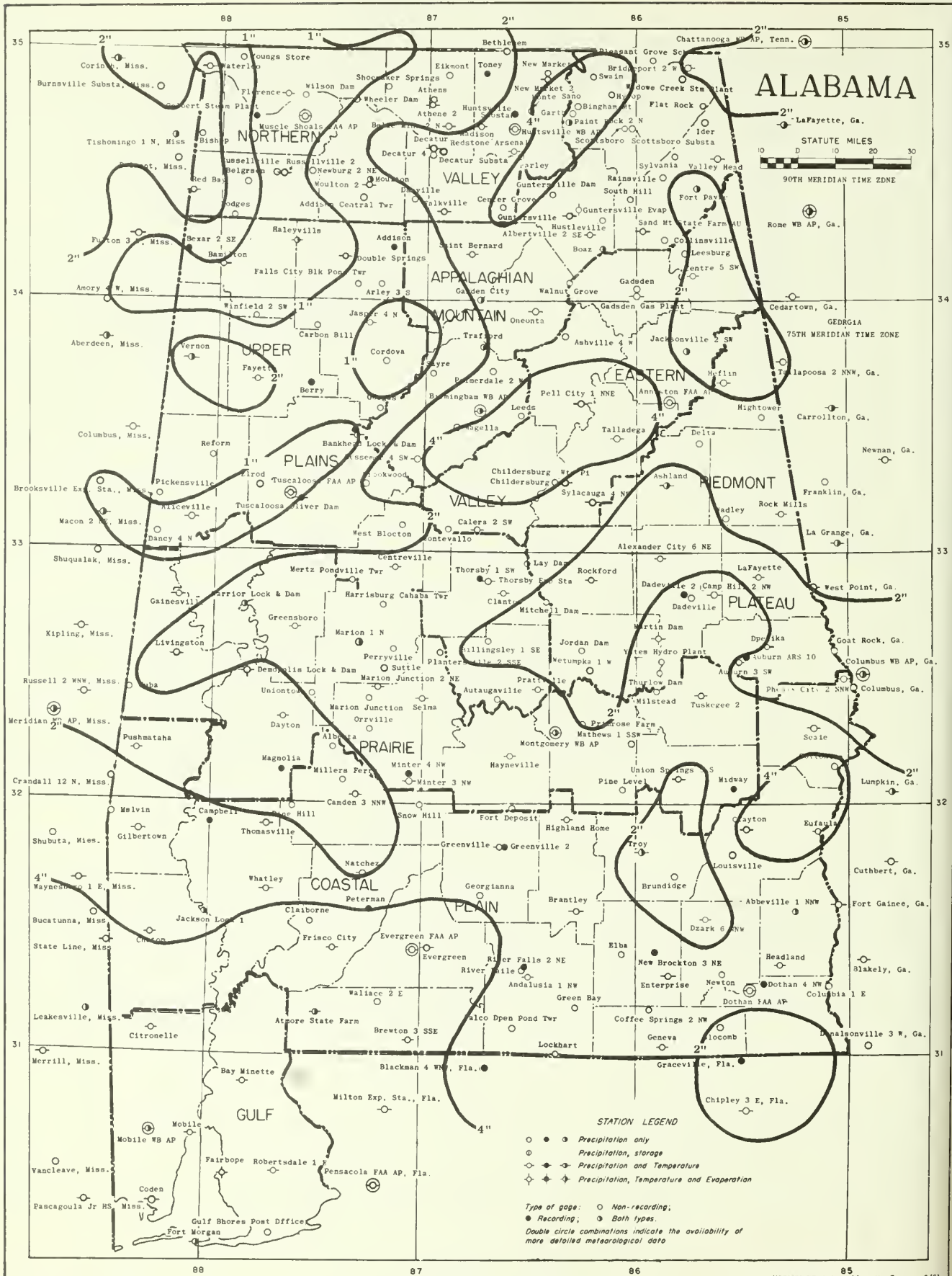
Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
REOSTONE ARSENAL	MAX	86	88	87	91	91	90	89	89	87	88	88	88	86	76	69	74	75	75	72	82	86	91	92	93	90	81	87	84	84	82	84.7
	MIN	73	71	68	68	67	67	67	66	66	66	66	68	67	53	45	42	44	46	54	49	52	62	62	62	62	54	52	51	55	63	59.7
ROBERTSOLA 1 E	MAX	90	87	87	90	93	93	89	89	88	87	82	83	83	86	87	77	80	82	80	85	87	87	89	93	93	92	92	90	92	92	87.5
	MIN	73	72	70	69	72	69	70	71	72	72	71	73	72	72	66	54	56	52	59	59	62	66	65	69	68	69	66	67	64	65	66.8
ROCKFORD	MAX	87	85	92	90	93	93	92	93	90	90	88	88	88	88	75	77	72	73	77	78	84	89	91	93	93	93	90	90	87	86	86.9
	MIN	70	66	65	66	67	67	69	69	69	67	69	68	65	68	55	46	48	48	51	53	52	59	60	60	61	63	60	58	59	56	61.1
ROCK MILLS	MAX	89	88	92	93	92	89	88	89	88	88	88	89	87	85	75	74	77	76	83	87	91	93	94	92	89	90	88	86	84	86.6	
	MIN	71	66	64	65	66	65	67	68	68	68	68	65	64	56	49	46	51	59	55	49	58	60	60	62	62	59	56	55	56	60.9	
RUSSELLVILLE 2	MAX	84	87	89	81	90	90	90	87	90	88	88	91	88	86	70	75	76	77	76	75	82	86	89	90	91	87	82	82	81	87	84.5
	MIN	65	72	72	63	65	67	65	64	65	65	65	64	69	57	47	46	39	44	45	44	50	60	60	60	53	59	52	49	50	52	57.3
SAINT BERNARD	MAX	78	88	87	87	90	91	89	86	87	86	88	90	86	87	68	69	74	76	75	78	82	88	91	92	93	91	82	90	82	80	84.4
	MIN	71	71	69	68	69	69	68	67	68	67	68	66	65	64	51	45	47	48	54	50	52	57	61	63	63	56	53	54	57	58	60.6
SAND MT STATE FARM A U	MAX																															
	MIN	68	70	66	67	67	67	69	68	68	68	69	67	67	63	49	48	45	57	59	57	56	62	63	67	63	57	52	51	56	57	61.4
SCOTTSBORO	MAX	80	88	85	89	91	91	89	88	90	88	89	88	89	87	69	70	76	76	75	74	79	86	90	91	93	89	86	85	86	83	84.7
	MIN	68	67	65	67	65	68	67	64	65	64	67	65	64	68	49	42	42	45	55	53	49	58	61	60	61	55	50	50	50	50	58.5
SEALE	MAX	91	91	93	93	94	89	88	88	88	88	89	88	85	79	75	78	78	78	85	88	92	94	95	95	92	92	90	85	83	87.7	
	MIN	68	68	68	69	67	66	71	70	70	70	70	72	65	71	62	52	50	51	59	58	55	61	62	65	65	65	65	58	57	60	63.7
SELMA	MAX	88	87	90	91	95	91	90	90	88	88	88	84	86	80	77	78	78	78	82	86	91	92	95	94	94	91	93	92	89	88	87.8
	MIN	73	74	70	71	72	70	71	72	72	71	73	68	71	60	68	71	51	52	55	62	60	65	66	67	68	69	67	65	64	64	66.1
SYLAUGA 4 NE	MAX	87	86	91	93	92	89	87	89	86	87	88	86	87	79	74	76	75	76	79	83	87	91	92	93	91	87	89	87	86	83	85.9
	MIN	72	72	67	67	66	67	70	68	71	69	71	67	68	67	55	44	44	48	56	54	53	61	61	61	61	63	59	56	56	62	61.7
TALLADEGA	MAX	88	89	88	89	89	86	86	87	85	86	86	88	85	78	71	73	74	73	74	79	85	87	88	89	89	84	84	83	85	83	83.7
	MIN	73	71	66	68	68	67	70	68	67	67	69	67	65	67	53	48	46	51	57	55	54	66	63	62	63	64	58	57	63	60	62.4
THOMASVILLE	MAX	90	88	88	85	90	90	87	87	87	82	87	83	83	82	76	75	75	76	75	78	84	88	91	91	91	92	89	90	87	88	85.2
	MIN	69	71	68	67	68	66	66	68	68	68	69	69	67	65	59	46	48	47	50	56	61	64	65	66	66	65	63	63	60	61	63.0
THORSBY EXP STATION	MAX	87	80	89	92	92	88	87	87	86	86	87	84	84	77	74	74	74	74	78	82	86	90	91	91	90	88	88	87	86	84	84.8
	MIN	71	72	69	71	70	67	70	70	68	69	69	68	68	68	54	49	50	51	54	56	58	64	65	66	68	66	63	62	60	63	64.0
TROY	MAX	88	90	91	92	92	88	88	88	87	89	89	85	89	84	76	77	77	78	79	87	90	89	93	93	93	92	90	89	89	87.4	
	MIN	70	72	71	70	69	67	70	70	71	71	71	72	68	71	64	48	53	53	53	60	63	67	68	69	69	69	68	64	65	65	66.0
TUSCALOOSA FAA AIRPORT	MAX	91	86	90	94	96	91	91	91	91	91	93	89	90	73	76	79	80	79	81	86	91	91	95	97	97	89	92	88	91	90	88.6
	MIN	74	74	74	70	70	71	71	73	72	73	71	71	69	64	52	47	49	49	51	52	56	64	64	64	66	64	58	60	59	61	63.8
TUSCALOOSA OLIVER DAM	MAX	94	91	96	89	94	94	95	90	89	88	89	88	88	88	72	74	71	77	75	81	85	90	90	94	95	93	87	91	87	89	87.5
	MIN	71	72	71	68	68	68	69	70	70	70	70	67	67	62	54	45	46	47	49	53	54	57	63	64	64	62	57	58	56	61	61.9
TUSKEGEE 2	MAX	89	89	91	92	90	88	87	88	86	88	86	87	88	80	79	75	75	76	76	84	89	92	92	93	93	90	90	85	83	86.4	
	MIN																															
UNION SPRINGS 5 S	MAX	83	84	86	90	94	92	90	87	85	86	85																				
	MIN	66	69	70	70	72	68	68	66	68	70	70																				
VALLEY HEAD	MAX	78	87	83	88	90	90	88	87	88	87	86	88	87	78	70	70	73	74	73	73	86	86	88	90	91	88	83	86	84	84	83.5
	MIN	68	66	62	62	62	61	65	65	64	68	67	70	65	63	68	45	39	41	52	56	49	45	46	57	58	57	52	46	45	45	56.6
VERNON	MAX	90	92	96	89	98	94	94	89	90	88	88	92	87	87	73	77	78	80	77	82	86	91	91	96	99	97	87	93	91	92	88.8
	MIN	68	72	71	65	66	67	66	67	67	68	69	67	68	61	50	40	41	44	49	47	52	61	61	60	60	56	52	55	50	57	59.2
WATERLOO	MAX	84	91	92	91	92	92	91	90	90	89	88	88	90	87	68	67	73	77	77	75	79	82	84	90	91	89	79	86	88	86	84.9
	MIN	66	65	66	63	66	65	65	64	65	65	71	70	69	62	52	39	42	43	46	50	53	58	59	61	62	49	52	54	58	60	58.7
WHATLEY	MAX	89	89	90	91	93	90	91	90	89	87	86	84	88	81	76	72	78	78	82	86	90	93	94	96	94	92	93	93	92	92	88.0
	MIN	68	71	69	66	67	67	68	69	70	70	70	70	67	67	61	46	48	49	49	53	58	62	62	62	63	65	62	61	59	60	62.6

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	
OEMOPOLIS LOCK & DAM	EVAP	.08	.18	.04	.09	.19	.30	.15	.14	.22	.22	.09	.04	.16	.11	.20	.21	.22	.12	.38	-	.20	.21	.17	.27	.07	.19	.17	.29	.10	BS.17	
	WIND	.29	.41	.33	.16	.16	.29	.38	.44	.49	.71	.67	.52	.42	.78	.70	.61	.49	.48	.24	.15	-	.13	.22	.9	.7	.6	.14	.15	.10	.14	.18
FAIRHOPE	EVAP	.12	-	.14	.27	.12	.20	.23	.17	.16	.05	-	.04	.07	.12	.17	.21	.19	.17	.16	.13	.21	.13	.23	.16	.15	.17	.13	.20	.11	B4.70	
	WIND	.8	.5	.25	.8	.12	.23	.8	.24	.40	.35	.20	.17	.25	.																	

TOTAL PRECIPITATION

ALABAMA
SEPTEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
SEPTEMBER 1961

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER		
							TEMP.	PRICIP.	EVAP.									TEMP.	PRICIP.	EVAP.			
ABBEVILLE 1 NW	0008	HEMH	4	31 35	85 15	465	7A			C	JOHN S. RICHBURG	LAY DAM	4403	CHILTON	7	32 58	86 31	420	8A		ALABAMA POWER CO.		
ADODSON	0063	WINSTON	2	34 13	87 11	795	7A			C	PALMER GOOSEY	4619 JEFFERSON	3	33 33	86 33	636	7A			MRS. MARY K. LEE			
ADODSON CENTRAL TOWER	0071	LAWRENCE	2	34 25	87 19	990	7A			C	TVA-53	4627 CHEROKEE	13	34 11	85 46	589	7A			RUFUS M. SEWELL			
ALBERTVILLE 2 SE	0140	HELIX	12	34 08	86 17	1175	6A			C	SIOWA J. HARDY SR.	4796 SUTLER	9	33 30	86 51	654	8A	7P		MRS. J. J. MURPHEY			
ALBERTVILLE 2 SE	0148	MARSHALL	12	34 14	86 10	1140	5A	5A		C	JESSE M. CULP	4822 COVINGTON	9	31 01	86 22	290	8A	8A			H. C. YOUNG		
ALEXANDER CITY & NE	0163	TALLAPOOSA	11	32 59	85 52	660	5P	5P		C	H. DOUGLAS N. SANFORD	4884 BARBOUR	5	31 48	85 33	470	8A				JOHN B. ARO		
ALICEVILLE	0178	PICKENS	13	33 07	86 07	140	7A	7A		C	MRS. CERRY J. HERNDON	4976 MADISON	12	34 42	86 45	573	9A	9A			HARRI R. TAYLOR, JR.		
ANDALUSIA 1 N	0252	COVINGTON	6	33 35	85 51	590	MID	MID		C	4996 JEFFERSON	5004 HAREGO	1	32 08	87 39	185	7A				ALABAMA POWER CO.		
ANNISTON FAA AP	0272	ALCOHUN	2	33 35	85 51	590	MID	MID		C	H. FEV AVIATION AGENCY	MRS. OORA R. OUVEN	2	32 36	87 18	210	7A				MR. T. H. GAILLARD		
ARLEY 3 S	0338	WINSTON	2	34 04	87 13	500	6P	6P		C		MARION JUNCTION	5116 OALLAS	3	32 26	87 14	204	8A				ROBERT J. CURRY	
ASHLAND	0369	CLAY	11	33 16	85 51	1060	6P	6P		C	H. HENRY L. MC QUEEN	MARION JUNCTION 2	5121 DALLAS	3	32 26	87 13	200	8P	6P			MRS. MARGARET SMITH	
ASHVILLE 4 W	0377	ST. CLAIR	7	33 51	86 20	590	7A	7A		C	JOHN T. SWIMMALL	5140 ELMORE	11	32 40	85 55	335	6P	6P			ALABAMA POWER CO.		
ATHENS	0390	LINCOLN	12	34 48	86 59	709	7A	7A		C	H. RADIO STATION WJMB	5172 MONTGOMERY	11	32 15	86 01	190	7A				E. PAUL GOWAN		
ATHORE STATE FARM	0402	ESCAMBIA	8	31 10	87 29	300	4P	4P		C	H. ATHORE STATE FARM	MELVIN	13	31 56	87 20	350	7A				ERNEST H. LORST		
AUBURN 3 SW	0422	LEE	11	32 34	85 31	730	8A	8A		C	H. MRS. MARTHA L. MOORE	MERTI PONDVILLE TOWER	5382 BIBB	3	32 53	87 20	600	7A				U.S. FOREST SERVICE	
AUBURN ARS 10	0427	LEE	11	32 34	85 29	700	7A	7A		C	AGRI. RESEARCH SERVICE	MIGWAY	5397 BULLOCK	8	32 04	85 32	490	7A				MRS. SARA O. HALL	
AUTAGAVILLE 3 M	0440	AUTAGA	1	32 28	86 41	200	6A	6A		C	J. B. NEIGHBORS	MILLERS FERRY	5417 WILCOX	1	32 06	87 22	78	5A				FRED HENDRICK	
BANKHEAD LOCK AND DAM	0505	TUSCALOOSA	2	33 29	87 20	280	7A	7A		C	H. CORPS OF ENGINEERS	MILSTEAD	5439 WILCOX	11	32 27	85 54	206	9A				C. O. HAMMOND, JR.	
BAY MINETTE	0583	BALDWIN	9	30 53	87 41	268	7P	7P		C	H. GROVER W. WOODWARD	MINTER 3 HW	5449 OALLAS	1	32 26	87 03	370	7A				HENRY J. TATES	
BELGROVE	0631	FRANKLIN	12	34 28	87 52	810	5P	5P		C	TVA-43	MINTER 4 NW	5454 DALLAS	1	32 07	87 03	370	7A				W. E. LIDE	
BELLE MINA 2 N	0655	LINCOLN	12	34 42	86 53	600	5P	5P		C	H. AUBURN UNIVERSITY	HITCHELL DAM	5465 CHILTON	9	32 48	86 21	350	6A				ALABAMA POWER CO.	
BERRY	0748	JEFFERSON	2	33 40	87 36	451	6P	6P		C	MISS CLARA R. OLIVE	MOBILE WB AIRPORT	5478 MOBILE	9	30 41	88 15	211	MID	MIC			U.S. FOREST SERVICE	
BESSINGER & SW	0751	JEFFERSON	2	33 22	87 31	533	6P	6P		C	H. JAMES E. CRIVY	MOBILE	5483 MOBILE	9	30 41	88 03	205	8A	8A			U.S. ROBERT G. BETANCOURT	
BETHELEHM	0756	MADISON	12	34 59	86 48	59	7A	7A		C	H. MADISON	MONTE SANO	5529 MADISON	12	34 45	85 11	1600	7A				W. H. WATSON	
BEAR 2 SE	0790	MARION	13	34 10	86 07	570	7A	7A		C	OSCAR W. LOCKRIDGE	MONTVALLO	5537 SHELBY	3	33 06	86 52	462	7A				H. P. JETER, JR.	
BILLINGSLEY 1 SE	0823	AUTAGA	1	32 39	86 42	420	6A	6A		C	JOHN R. THOMAS	MONTGOMERY WB AP	5550 MONTGOMERY	1	32 18	86 24	195	MID	MIC			U.S. WEATHER BUREAU	
BINGHAM MOUNTAIN	0826	JACKSON	12	34 46	86 17	1440	7A	7A		C	TVA-72-C	MOUTON	5625 LAWRENCE	12	34 29	87 11	640	8A				TVA-381	
BINGHAM WB AP	0834	CALHOUN	12	34 39	86 47	1600	7A	7A		C	H. JAMES W. WATHER BUREAU	MOUNTAIN	5635 LAWRENCE	12	34 29	87 11	640	8A				H. DON R. KELLY	
BISHOP	0854	CALHOUN	12	34 39	86 47	1600	7A	7A		C	H. JAMES W. WATHER BUREAU	MUSCLE SHOALS FAA AP	5749 CALBERT	12	34 45	87 37	536	MID	MIC			FED. AVIATION AGENCY	
BOAZ	0957	MARSHALL	2	34 13	86 10	1070	7A	7A		C	C. DAVID A. BURNS	HATCHEE	5785 MONROE	1	31 43	87 16	182	5P	7A			S. B. HELTON	
BRANTLEY	1069	CRENSHAW	6	33 35	86 16	274	8A	8A		C	H. R. E. HENDERSON	NEW BROCKTON	5842 COFFE	5	31 24	85 56	460	7A				E. L. DEAM	
BREKTON 3	1084	ESCAMBIA	6	31 04	87 03	85	6P	6P		C	H. MRS. CLARA T. PEAVY	NEWBURG 2 NE	5841 FRANKLIN	12	34 31	87 34	625	7A				TVA-644	
BROOKPORT 2 W	1098	JACKSON	12	34 59	86 48	59	7A	7A		C	H. MISS M. LOUISE JONES	NEWBURG 3 NE	5842 FRANKLIN	12	34 31	87 34	625	7A				MRS. A. W. WARREN	
BROOKWOOD	1143	TUSCALOOSA	2	33 16	87 17	605	7A	7A		C	H. MRS. WILLIE R. STYRON	NEW MARKET 2	5861 MADISON	12	34 56	86 26	715	6P	6P				MRS. A. W. KILPATRICK
BRUNDRIDGE	1178	PIKE	5	31 43	85 49	495	7A	7A		C	H. NILDRED P. WHITTINGTON	NEWTON	5875 OALE	5	31 20	85 36	220	7A				BASCOM N. BROWN	
CALERA 2 SW	1208	SHELBY	7	33 05	86 46	540	5P	5P		C	H. PIERCE A. GARRETT	ONENTA	6121 BLOUNT	2	33 57	86 29	880	7A	7A				LONNIE R. NORRIS
CANTONVILLE	1317	CLARE	11	32 55	87 31	483	7A	7A		C	H. JOE PICKENS	ORONITA	6129 LEE	8	32 28	86 28	280	7A				RADIO STATION WJHO	
CAMP HILL 2 W	1324	TALLAPOOSA	11	32 50	85 41	680	6A	6A		C	H. AUBURN UNIVERSITY	ORVILLE	6161 OALLAS	1	32 18	87 14	200	8A				EDWARD B. HALEY	
CARBON HILL	1377	WALKER	2	33 54	87 32	430	7A	7A		C	H. FLOYD J. GARRISON	OZARK 6 NW	6210 DALLAS	5	31 32	85 41	460	6A	6A				JACOB O. BARNES
CENTER GROVE	1492	GENEVA	12	34 23	86 38	780	7A	7A		C	TVA-66	PALMI ROCK 2 N	6226 JACKSON	12	34 42	86 20	635	7A				TVA-69	
CENTRE 3 SW	1512	CHEROKEE	7	34 06	85 52	602	7A	7A		C	H. DON R. WATSON	PALMI ROCK 2 W	6246 JEFFERSON	2	33 44	86 21	798	7A				GERD T. POSEY	
CHATEAUVILLE	1520	BIBB	3	32 52	87 30	74	7A	7A		C	H. DON R. WATSON	PERRYVILLE 2	6297 ST. CLAIR	7	32 28	86 28	280	7A				MRS. NINTA EDDINS	
CHATAM	1566	WASHINGTON	13	31 28	88 15	195	6P	6P		C	H. CHAS. C. SMITH	PERRYVILLE	6362 PERRY	3	32 36	87 09	500	8A				MRS. EVELYN M. FULLER	
CHILBERSBURG	1615	TALADEGA	7	33 17	86 21	480	6P	6P		C	H. ALABAMA POWER CO.	PETERMAN	6370 MONROE	1	31 35	87 16	195	7A				MRS. NINTA EDDINS	
CHILBERSBURG WTR PLANT	1620	TALADEGA	7	33 17	86 20	481	5P	5P		C	H. CITY WATER PLANT	PINE CITY 2 HW	6398 RUSSELL	4	32 30	85 01	570	8A	8A				G. R. MC LENORE
CITRONELLE	1685	MOBILE	9	31 05	88 14	331	6P	6P		C	H. MRS. ESTHER A. W. JONES	PINE HILL	6414 PICKENS	13	33 13	88 16	165	7A				MRS. MARY A. HEDRICK	
CLABORNE	1690	MONROE	6	31 32	87 31	183	7A	7A		C	H. TOLLETT H. HASEB	TOLLETT WILCOX	6440 WILCOX	1	32 37	87 36	140	7A				MRS. GELLA L. O'NEAL	
CLANTON	1694	CHILTON	7	32 51	86 38	580	7A	7A		C	H. MARION W. ESTERLING	PINE LEVEL	6468 MONTGOMERY	6	32 04	86 40	506	7A				MRS. ENA C. PAUL	
CLAYTON	1725	BARBOUR	5	31 54	85 28	615	5P	5P		C	H. MRS. CARLYN R. WATSON	PLANTERSVILLE 2 SSE	6508 AUTAUGA	6	32 07	86 54	230	7A				THOMAS E. FISCHER	
CODEN	1803	MOBILE	9	30 23	88 13	12	5P	5P		C	H. AGNES C. CHRISTENSEN	PLEASANT GROVE SCHOOL	6521 JACKSON	12	34 57	85 55	633	7A				TVA-695	
COFFE SPRINGS 2 NW	1807	GENEVA	12	34 06	85 52	602	7A	7A		C	H. HENRY F. KELLEY	PLEASANT GROVE	6640 AUTAUGA	3	32 28	86 28	280	6P	6P				CONTINENTAL GIM CO.
COLBERT STATION	1819	COBLET	12	34 44	87 50	470	7A	7A		C	TVA-462	PROIMOSE FARM	6684 MONTGOMERY	1	32 18	85 10	180	12N				W. E. ELSBERG	
COLLINSVILLE	1849	DE KALB	7	34 15	85 52	734	7A	7A		C	H. B. W. APPLETON	PUSHMATAHA	6719 CHOCTAW	13	32 32	88 21	260	8A	8A				MRS. JANIE C. BROWN
COLUMBIA 1 E	1901	HOUSTON	4	31 17	86 06	48	7A	7A		C	H. ROBERT C. POPP	SALISVILLE	6762 DE KALB	12	34 30	85 52	130	7A					ALABAMA ELECTRIC CO.
CODDING	1940	WALKER	2	33 46	87 31	394	8A	8A		C	H. MRS. C. GRESHAM	REO DAY	6805 FRANKLIN	12	34 26	88 08	680	7A				MRS. ESTHER ELBURN	
COTTONTON	1974	RUSSELL	4	32 26	86 34	250	6A	6A		C	H. RUGBY K. RITE	REDSTONE ARSENAL	6833 MADISON	12	34 35	86 36	773	MID	MIC				REDSTONE ARSENAL
CUBA	2079	SUMTER	13	32 26	88 23	215	7A	7A		C	H. REUBEN P. HARRIS	REFORM											

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ration 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trac, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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WEATHER BUREAU

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CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1961

Volume 67

No. 10



ALABAMA - OCTOBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 91° on the 1st at Whatley and Chatom

Lowest Temperature: 19° on the 28th at Russellville 2 and on the 27th
at Valley Head

Greatest Total Precipitation: 3.69 inches at Arley 3 S

Least Total Precipitation: 0.00 at 15 stations

Greatest One-Day Precipitation: 2.73 inches on the 3rd at Vernon

CLIMATOLOGICAL DATA

ALABAMA
OCTOBER 1961

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow					
										Above		Below						Total	Max. Depth	Ice			
										32 or More	32 or Less	32 or More	32 or Less							Max. Depth	Days	Days	Days
NORTHERN VALLEY																							
HENS 2	75.0	43.8	59.4		88	1	24	27	198	0	0	1	0	1.55		.80	3	.0	0		2	2	0
LLE MINA 2 N	76.4	46.1	61.3		86	30+	26	27	146	0	0	1	0	1.77		.97	3	.0	0		3	2	0
CATUR	75.3	45.6	60.5	- 4.0	85	31+	27	27	168	0	0	2	0	1.96	- .38	1.44	3	.0	0		2	1	1
LKVILLE	77.2	45.2	61.2		87	31+	33	20	153	0	0	0	0	1.89		1.04	3	.0	0		3	2	1
NTSVILLE WB AP	75.7	46.5	61.1		85	30+	28	27	159	0	0	1	0	1.46		.74	2	.0	0		2	2	0
DIVISION																							
DIVISION			59.7	- 3.6	82	31+	27	27	184	0	0	2	0	1.52	- 1.28	.93	3	.0	0		2	2	0
UPPER PLAINS																							
ULTON 2	76.2	45.5	60.9		86	30	25	27	161	0	0	1	0	2.03		1.26	3	.0	0		3	2	1
SCLE SHOALS FAA AP	74.4	45.3	59.9		86	30	25	27	182	0	0	2	0	2.18		.91	1	.0	0		4	2	0
W MARKET 2	74.2	43.2	58.7		85	31	22	27	209	0	0	3	0	1.73		.75	2	.0	0		4	2	0
D BAY	74.8	49.5	62.2		87	1	36	27+	144	0	0	0	0	1.80		1.40	2	.0	0		2	1	1
DIVISION																							
DIVISION			58.9	- 3.1	85	12+	25	27	205	0	0	2	0	1.93		1.25	2	.0	0		3	1	1
APPALACHIAN MOUNTAIN																							
BERTVILLE 2 SE	73.9M	42.5M	58.2M	- 4.0	84	2	27	28+	212	0	0	3	0	2.25	- .71	1.98	3	.0	0		2	1	1
SEMER 4 SW	77.6	45.4	61.5		88	30	25	27	151	0	0	1	0	1.67		1.52	3	.0	0		2	1	1
RMINGHAM WB AP	78.0	50.4	64.2	.5	86	13+	34	27	93	0	0	0	0	2.05	- .81	1.20	2	.0	0		3	2	1
EDGEPORT 2 W	76.5	42.5	59.5		85	11+	26	27	179	0	0	4	0	1.25	- 1.44	1.04	3	.0	0		2	1	1
NTERSVILLE										0	0	0	0					.0	0				
REONTA	76.4	40.6	58.5		85	31+	24	27	216	0	0	5	0	1.87		1.20	3	.0	0		2	2	1
INT BERNARD	74.8	44.6	59.7	- 2.6	86	1	29	27	194	0	0	2	0	2.47	- .71	1.25	2	.0	0		3	3	1
ND MT STATE FARM A U	73.6	46.8	60.2		82	31+	26	27	168	0	0	1	0	1.58		1.49	3	.0	0		1	1	1
OTTSBORO	75.2M	38.8M	57.0M	- 5.5	85	13+	25	28+	246	0	0	4	0	1.16	- 1.96	.98	3	.0	0		2	1	0
LLEY HEAD	74.3	38.0M	56.2M	- 5.5	84	14	19	27	275	0	0	0	0	1.54	- 1.39	1.48	3	.0	0		1	1	1
DIVISION																							
DIVISION			59.4	- 3.6										1.76	- 1.12			.0					
UPPER PLAINS																							
ICEVILLE	78.8M	45.3	62.1M		88	31+	28	27	125	0	0	3	0	.21		.21	3	.0	0		1	0	0
NKHEAD LOCK AND DAM	77.4	46.2	61.8		88	1	30	27	140	0	0	2	0	1.08		.69	3	.0	0		2	1	0
NTREVILLE	79.8	44.7	62.3	- 3.1	88	1	25	27	129	0	0	2	0	.65	- 1.39	.62	3	.0	0		1	1	0
ANTON	76.5	43.4	60.0	- 4.8	85	31+	27	27	174	0	0	2	0	.87	- 1.10	.87	3	.0	0		1	1	0
UBLE SPRINGS	74.8	45.5	60.2		85	11+	28	27	175	0	0	2	0	2.52		1.03	2	.0	0		2	2	2
DIVISION																							
DIVISION	79.7M	42.3M	61.0M		89	12+	24	27	167	0	0	4	0	.45		.41	3	.0	0		1	0	0
LEYVILLE	74.5	46.9	60.7		83	31+	30	27	162	0	0	1	0	3.49		2.01	2	.0	0		2	2	2
MILTON	76.2	44.3	60.3		88	1	30	27	173	0	0	2	0	2.06		1.08	1	.0	0		2	2	1
SPER 4 N	76.5	40.0	58.3		86	30+	22	27	221	0	0	9	0	1.31		.55	3	.0	0		4	1	0
ATTVILLE	80.2	48.1	64.2	- 1.6	88	13	36	27	81	0	0	0	0	.26	- 1.78	.26	3	.0	0		1	0	0
DIVISION																							
DIVISION	76.6	49.5	63.1		86	31	33	27	102	0	0	0	0	.52		.52	3	.0	0		1	1	0
ORSBY EXP STATION	79.8	46.4	63.1		88	1	29	27	117	0	0	1	0	.70		.37	25	.0	0		2	0	0
SCALOOSA FAA AIRPORT	78.6	45.5	62.1	- 3.3	88	1	30	27	135	0	0	1	0	1.03	- 1.55	.59	3	.0	0		3	1	0
SCALOOSA OLIVER DAM	80.4	41.8	61.1		90	12+	24	28+	157	2	0	5	0	3.03		2.73	3	.0	0		2	1	1
DIVISION																							
DIVISION			61.5	- 3.5										1.30	- 1.01			.0					
EASTERN VALLEY																							
NISTON FAA AIRPORT	77.3	46.2	61.8		86	30+	30	27	144	0	0	1	0	1.15		.72	3	.0	0		2	1	0
NERA 2 SW	78.8	43.7	61.3		88	31+	24	27	150	0	0	3	0	.86	- 1.45	.86	3	.0	0		1	1	0
NRE 5 SW	77.4	41.8	59.6		87	2	23	27	190	0	0	1	0	1.98		1.83	3	.0	0		2	1	1
ILDERSBURG WTR PLANT	78.2	43.8	61.0		88	31	25	27	146	0	0	2	0	.97		.97	3	.0	0		1	1	0
SDSEN GAS PLANT	74.9	43.7	59.3		85	13	24	27	192	0	0	2	0	1.64		1.61	3	.0	0		1	1	1
DIVISION																							
DIVISION			60.6	- 3.0										1.42	- 1.11			.0					
PIEDMONT PLATEAU																							
EXANDER CITY 6 NE	78.4	41.2	59.8		89	31	23	27	173	0	0	5	0	.75		.75	3	.0	0		1	1	0
BURN 3 SW	78.6	47.0	62.8	- 4.0	88	3	33	20	112	0	0	0	0	.14	- 1.77	.13	3	.0	0		1	0	0
MP HILL 2 Nw	77.1	42.7	59.9		85	31+	28	27	175	0	0	2	0	.24		.10	4	.0	0		1	0	0
FAYETTE	77.9	47.5	62.7		89	31	33	27	108	0	0	0	0	.15		.15	3	.0	0		1	0	0
RTIN DAM	77.6	52.2	64.9		85	10+	41	28	60	0	0	0	0	.13	- 1.66	.13	3	.0	0		1	0	0
DIVISION																							
DIVISION	78.3	43.9	61.1		87	12+	34	20+	147	0	0	0	0	.25		.19	3	.0	0		1	0	0
ELIKA	78.6	43.5	61.1		86	13	28	27	147	0	0	4	0	.70		.60	3	.0	0		2	1	0
CKFORD	78.2	43.2	60.7		86	31	29	28+	145	0	0	2	0	.22		.12	4	.0	0		2	0	0
DIVISION																							
DIVISION			61.6	- 4.1										.32	- 1.77			.0					
PRAIRIE																							
YTON	79.0	50.2	64.6		89	2	34	27	97	0	0	0	0	.73		.73	3	.0	0		1	1	0
MOPOLIS LOCK AND DAM	77.6	46.7	62.2		88	1	33	27	134	0	0	0	0	2.58		1.38	2	.0	0		3	2	2
INESVILLE	78.8	48.0	63.4		88	31+	30	27	111	0	0	1	0	1.07		.56	2	.0	0		2	1	0
EENSBORO	81.3	50.7	66.0	- 1.9	89	12	34	27	65	0	0	0	0	1.02	- .96	.64	3	.0	0		2	1	0
VINGSTON	78.4	47.3	62.9		88	31	29	27	118	0	0	1	0	2.58		1.93	2	.0	0		3	1	1
DIVISION																							
DIVISION	79.9M	48.4	64.2M		89	31	30	27	95	0	0	1	0	.48		.48	3	.0	0		1	0	0
NTER 3 Nw	79.3M	47.9M	63.6M		89	1	35	21	114	0	0	0	0	.21		.21	2	.0	0		1	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ALABAMA
OCTOBER 19

CONTINUED

Station	Temperature												Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	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	24° or Above	32° or Below	0° or Below										
MONTGOMERY WB AP	79.5	48.6	64.1	- 2.3	88	31	34	27	91	0	0	0	0	.08	- 2.28	.07	3	.0	0		0	0	0
SELMA	79.9	50.6	65.3	- 2.3	88	1	35	27	73	0	0	0	0	.46	- 1.42	.46	3	.0	0		1	0	0
TUSKEGEE 2	78.3	51.8	65.1		86	31	39	27+	73	0	0	0	0	.15		.13	3	.0	0		1	0	0
UNION SPRINGS 5 S	77.7	49.0	63.4	- 3.9	85	14+	39	27+	98	0	0	0	0	T	- 1.78	T	8+	.0	0		0	0	0
OIVISION			64.1	- 3.1										.85	- .99			.0					
COASTAL PLAIN																							
ANOALUSIA 1 NW	78.4	48.1	63.3		88	1	31	27	113	0	0	1	0	T		T	30	.0	0		0	0	0
ATHORE STATE FARM	81.2	51.2M	66.2M		89	1	35	20	53	0	0	0	0	.10		.05	8+	.0	0		0	0	0
BRANTLEY	80.4	44.4	62.4		88	13+	28	27	124	0	0	2	0	.04	- 1.75	.04	30	.0	0		0	0	0
BREWTON 3 SSE	79.8	46.8	63.3	- 3.4	88	31	28	27	111	0	0	1	0	.10	- 1.98	.10	3	.0	0		1	0	0
CAMOEN 3 NW	79.6	47.8	63.7		88	1	29	27	103	0	0	1	0	1.00		.95	3	.0	0		1	1	0
CHATOM	81.7	45.0	63.4		91	1	26	27	108	1	0	2	0	1.95		1.30	2	.0	0		2	2	1
CLAYTON	80.7M	50.0M	65.4M		88	12+	37	21	68	0	0	0	0	.00	- 1.85	.00		.0	0		0	0	0
DOTHAN FAA AIRPORT	80.2	52.0	66.1		88	12	38	27	59	0	0	0	0	T	- 1.71	T	29+	.0	0		0	0	0
ENTERPRISE	80.9	51.9	66.4		87	1	40	27	41	0	0	0	0	.00		.00		.0	0		0	0	0
EUFAULA	80.6	47.3	64.0	- 3.4	88	1	33	27	80	0	0	0	0	.00	- 1.61	.00		.0	0		0	0	0
EVERGREEN	79.7	50.1	64.9		87	2+	37	27	84	0	0	0	0	.04		.04	30	.0	0		0	0	0
FRISCO CITY	80.0	50.8	65.4		89	2	39	21+	72	0	0	0	0	.04	- 1.93	.04	3	.0	0		0	0	0
GENEVA	79.4	50.3	64.9		88	1	32	27	83	0	0	1	0	T	- 1.43	T	30	.0	0		0	0	0
GILBERTOWN	79.2	45.0	62.1		89	1	26	27	129	0	0	1	0	.85		.43	3	.0	0		2	0	0
GREENVILLE	80.2	52.7	66.5	- 1.1	88	2	41	27+	52	0	0	0	0	.04	- 2.03	.04	3	.0	0		0	0	0
HEAOLANO	80.0	51.5	65.8		87	13	38	27	69	0	0	0	0	.00		.00		.0	0		0	0	0
HIGHLANO HOME	77.3M	49.1	63.2M	- 4.4	86	10	32	27	111	0	0	1	0	.16	- 1.47	.16	3	.0	0		1	0	0
LOCKHART	79.6	52.2	65.9		88	1	37	27	66	0	0	0	0	.00		.00		.0	0		0	0	0
NATCHEZ	80.5	44.4	62.5		89	31+	25	27	127	0	0	4	0	.78		.78	3	.0	0		1	1	0
OZARK 6 NNW	81.2	49.4	65.3	- 3.5	89	1	39	27	74	0	0	0	0	T	- 1.43	T	30+	.0	0		0	0	0
PHENIX CITY 2 NNW	76.7	50.8	63.8		86	14	30	21	97	0	0	1	0	.02		.02	3	.0	0		0	0	0
PUSHMATAHA	78.1	45.4	61.8	- 4.1	87	31+	27	27	145	0	0	2	0	1.04	- .66	1.04	3	.0	0		1	1	1
SEALE	80.0	46.1	63.1		88	31	31	27	99	0	0	1	0	.03		.03	8	.0	0		0	0	0
THOMASVILLE	76.9	50.1	63.5	- 3.7	87	2+	36	27+	103	0	0	0	0	.96	- 1.11	.82	3	.0	0		2	1	0
TROY	81.1M	53.9M	67.5M	.1	89	31	40	20	50	0	0	0	0	.00	- 1.79	.00		.0	0		0	0	0
WHATLEY	80.1	45.7	62.9		91	1	31	27	111	2	0	1	0	.95		.95	3	.0	0		1	1	0
OIVISION			64.4	- 3.2										.31	- 1.55			.0					
GULF																							
8AY MINETTE	79.1	54.1	66.6		88	31	42	20+	57	0	0	0	0	1.27		1.27	3	.0	0		1	1	1
CITRONELLE	79.2	54.5	66.9	- 2.4	89	1	41	27	54	0	0	0	0	1.51	- .82	.78	2	.0	0		2	2	0
COOEN	81.5	53.7	67.6		89	1	38	20	46	0	0	0	0	.74		.43	8	.0	0		3	0	0
FAIRHOPE	80.0	55.2	67.6	- 1.7	88	1	45	27+	37	0	0	0	0	1.57	- 1.01	.76	3	.0	0		4	2	0
FORT MORGAN	76.7	63.5	70.1		85	2	52	27	15	0	0	0	0	.45		.20	8	.0	0		3	0	0
MOBILE WB AIRPORT	79.9	55.0	67.5	- 1.6	88	12	41	20	42	0	0	0	0	1.47	- 2.28	1.36	2	.0	0		2	1	1
MOBILE	78.6	57.3	68.0		88	2	45	27	43	0	0	0	0	.87		.75	3	.0	0		2	1	0
ROBERTSOALE 1 E	79.1	52.6	65.9		87	3+	41	27	65	0	0	0	0	.66		.58	8	.0	0		1	1	0
OIVISION			67.5	- 1.9										1.07	- 1.49			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p. h				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over		
BIRMINGHAM WB AIRPORT	ENE	15	6.6	28	N	14	81	83	46	64	1	1	1	1	0	5	80	3.4
HUNTSVILLE WB AIRPORT	ESE	13	6.4	24++	NNW	14	79	84	45	59	3	2	0	2	0	7	-	4.0
MOBILE WB AIRPORT	N	17	9.5	29++	ESE	29	80	83	48	64	1	1	1	0	1	4	-	3.5
MONTGOMERY WB AIRPORT	E	12	6.0	27	N	14	82	90	44	54	1	2	0	0	0	3	77	2.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

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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			
BERTVILLE 2 SE	MAX	83	84	70	61	70	71	73	73	74	79	80	80	80	83		80	80	80	80	73	58	69	70	76	76	76	63	66	67	75	73.9		
	MIN	55	55	48	39	40	43	42	45	45	46	49	52	50	51		35	38	39	47	36	36	39	38	41	46	39	27	27	32	52	42.5		
LEXANDER CITY 6 NE	MAX	84	84	75	73	74	75	79	80	82	85	83	84	84	73	70	80	83	81	82	66	67	75	79	80	72	73	74	80	87	89	78.4		
	MIN	53	56	52	40	36	35	38	50	44	44	43	43	42	46	39	31	36	39	38	29	40	32	36	43	42	23	32	53	55	48	41.2		
LICEVILLE	MAX	88	79	75	75	74	74	73	82	77	86	87	87	88	80	75	70	78				69	73	71	75	83		77	79	87	88	78.8		
	MIN	65	68	48	38	44	48	46	55	58	58	52	51	48	47	31	31	38	39			35	35	38	41	42	43	45	34	28	37	44	57	60
NDALUSIA 1 Nw	MAX	88	85	84	62	72	76	81	82	82	83	83	81	86	84	77	69	79	81	80	79	65	70	74	79	80	79	71	75	77	84	83	78.4	
	MIN	62	57	57	46	47	47	52	60	55	56	51	47	52	59	44	36	41	45	45	36	37	36	38	42	49	52	31	38	56	62	54	48.1	
NNISTON FAA AIRPORT	MAX	86	83	61	72	77	77	79	80	85	85	86	85	85	70	68	78	82	81	78	52	67	74	79	79	82	67	76	72	80	86	85	77.3	
	MIN	63	61	46	45	42	45	45	56	51	51	51	49	53	48	35	36	43	43	41	34	45	38	40	40	45	42	30	47	57	58	53	46.2	
THENS 2	MAX	88	75	60	68	68	75	75	78	80	82	84	85	85	83	67	68	78	80	79	69	55	65	71	76	79	79	63	70	73	83	85	75.0	
	MIN	57	53	46	44	41	37	39	55	50	46	50	57	48	50	33	33	37	40	42	33	42	41	35	42	45	36	24	38	55	55	53	43.8	
THMORE STATE FARM	MAX	89	87	73	72	78	81	79	77	86	86	86	86	83	79	84	83	88	84	82	79	70	75	81	80	80	77	79	79	82	84	87	81.2	
	MIN	63	64	52	49	49	57	57	34	57	57	54	55	58	56	42	40	42				48	35	40	41	43	45	52	51	46	38	62	64	56
UBURN 3 SW	MAX	82	86	88	62	74	76	79	79	80	87	86	85	87	86	72	72	81	83	82	81	61	69	78	79	78	78	71	72	74	81	87	78.6	
	MIN	58	57	56	44	44	48	50	51	50	48	51	52	48	57	36	40	46	46	45	33	39	34	45	42	48	47	36	41	50	62	53	47.0	
ANKHEAO LOCK AND DAM	MAX	88	83	77	68	72	76	77	80	76	83	85	85	84	86	70	68	78	81	82	78	60	67	75	79	80	81	67	72	76	78	86	77.4	
	MIN	65	65	52	42	43	46	46	49	55	53	52	52	51	51	41	37	41	45	46	34	38	40	41	43	44	43	30	32	44	55	55	46.2	
AY MINETTE	MAX	86	83	71	71	77	80	77	79	85	85	85	85	78	76	71	80	84	84	84	70	71	75	80	80	81	71	76	75	81	84	88	79.1	
	MIN	66	66	53	45	51	51	60	60	60	60	58	59	62	61	45	42	53	53	55	42	43	44	46	50	56	55	44	47	63	65	61	54.1	
ELLE MINA 2 N	MAX	76	69	64	72	76	74	79	78	84	85	86	84	85	75	70	78	83	83	72	56	67	75	78	83	80	69	69	72	78	86	85	76.4	
	MIN	62	55	49	38	40	40	44	47	52	50	52	54	52	52	37	35	40	44	45	35	49	40	37	46	48	39	26	40	55	58	54	46.1	
ESSEMER 4 SW	MAX	86	79	67	71	76	76	80	78	82	85	84	84	85	70	69	78	81	83	81	60	67	74	80	80	81	67	74	74	79	88	87	77.6	
	MIN	65	65	51	37	38	39	43	61	51	47	49	46	46	55	38	34	38	43	44	34	36	35	36	41	48	43	25	39	60	64	55	45.4	
IRMINGHAM W8 AP	MAX	84	79	67	73	75	77	79	80	84	86	84	85	86	73	72	80	82	83	81	60	68	75	80	80	81	69	73	79	85	85	78.0		
	MIN	65	57	46	42	48	49	52	60	59	56	56	55	56	50	41	41	46	52	45	41	47	40	45	50	55	38	34	51	60	65	60	50.4	
RANTLEY	MAX	88	87	88	62	76	78	80	83	85	86	87	87	88	84	80	70	80	85	83	84	65	71	76	82	80	81	73	76	79	84	85	80.4	
	MIN	59	54	57	41	41	42	47	52	52	49	46	44	47	53	41	33	38	41	43	32	36	34	35	40	46	47	28	35	52	59	52	44.4	
REWTON 3 SSE	MAX	86	87	77	73	76	70	78	80	85	85	85	86	80	78	70	80	84	83	84	70	71	76	87	82	81	72	75	79	83	84	88	79.8	
	MIN	61	59	55	43	41	43	51	62	52	54	49	50	51	58	36	33	39	43	43	34	35	36	41	50	51	28	35	84	60	67	46.8		
RIDGEPORT 2 W	MAX	84	74	66	71	76	75	80	77	82	85	85	84	84	75	69	81	81	83	77	56	64	74	77	80	80	66	69	71	80	83	82	76.5	
	MIN	59	59	48	35	38	40	42	46	43	44	44	47	48	53	33	30	37	41	37	30	49	43	38	42	42	41	26	30	47	53	53	42.5	
ALERA 2 SW	MAX	87	83	72	74	77	79	79	78	83	86	85	87	85	70	71	78	83	84	82	63	66	74	80	81	82	70	74	75	78	88	88	78.8	
	MIN	62	63	51	41	38	39	43	56	52	47	47	46	45	51	36	33	37	41	42	31	35	39	34	39	45	43	24	32	55	57	52	43.7	
AMDEN 3 Nw	MAX	88	84	70	73	77	80	83	82	85	84	85	87	84	75	70	79	82	84	81	65	70	75	80	80	81	75	78	82	87	87	79.6		
	MIN	61	66	52	44	43	44	47	62	61	53	51	52	52	58	40	39	42	46	45	38	40	37	39	45	52	46	29	40	57	63	57	47.8	
AMP HILL 2 Nw	MAX	82	83	85	61	72	74	75	78	80	81	84	84	83	84	72	69	80	82	80	80	58	66	75	79	77	78	79	71	73	80	85	77.1	
	MIN	57	56	54	43	40	40	39	43	47	47	46	50	45	47	38	34	38	42	44	33	37	35	35	39	40	46	28	30	45	57	50	42.7	
ENTRE 5 SW	MAX	85	87	81	61	74	76	76	78	80	84	85	85	84	85	70	70	80	81	82	80	55	70	75	79	81	81	66	70	73	80	86	77.4	
	MIN	59	62	52	38	37	38	40	41	45	45	46	46	47	52	35	33	37	41	41	36	39	33	34	38	42	36	23	34	37	54	54	41.8	
ENTREVILLE	MAX	88	87	75	75	74	74	78	82	78	85	86	86	86	86	78	73	81	83	85	84	74	70	76	80	80	83	70	75	75	82	86	79.8	
	MIN	65	66	50	40	38	42	44	50	53	50	49	49	48	53	37	35	39	43	43	34	38	34	38	41	44	44	25	31	52	58	53	44.7	
HATON	MAX	91	86	71	75	80	84	80	80	88	89	87	88	83	78	73	80	84	87	84	71	75	78	82	82	85	73	78	80	84	88	89	81.7	
	MIN	54	64	52	41	41	41	49	62	55	50	47	47	50	56	36	34	39	41	42	35	36	36	35	38	43	46	26	31	57	53	54	45.0	
HILDERSBURG WTR PLANT	MAX	84	83	75	72	74	75	78	80	82	84	83	84	83	76	68	78	81	81	80	66	67	75	79	79	82	73	73	80	87	88	78.2		
	MIN	58	64	54	40	40	44	41	55	50	47	46	46	45	51	41	34	38	41	43	32	38	35	35	40	46	39	25	38	47	53	53	43.8	
ITRONELLE	MAX	89	83	72	70	77	80	79	80	84	85	85	84	82	78	68	77	82	85	82	74	71	75	79	80	75	75	73	81	83	87	79.2		
	MIN	65	70	53	47	51	53	51	65	63	61	61	60	61	63	42	46	52	54	58	42	43	46	49	51	55	54	41	47	64	58	62	54.5	
LANTON	MAX	85	85	83	63	69	73	76	78	79	80	83	82	82	82	71	68	77	80	81	80	60	65	75	79	7								

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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			
FORT MORGAN	MAX 73	85	78	58	76	69	77	79	82	81	83	82	77	76	69	73	78	78	79	72	69	69	69	75	75	78	70	70	76	78	79	80	76	
	MIN	59	59	61	62	69	71	68	68	67	67	67	67	67	53	59	64	60	60	55	55	55	57	60	60	62	63	62	60	71	68	68	63	
FRISCO CITY	MAX	88	89	86	67	74	78	80	81	76	86	86	86	87	84	79	71	81	84	85	84	67	70	77	81	79	81	72	76	78	83	84	80	
	MIN	64	62	52	43	47	49	54	61	57	58	57	56	59	58	42	40	48	51	50	39	39	42	44	45	51	50	40	43	55	62	58	50	
GAOSEN GAS PLANT	MAX	84	76	64	70	73	75	77	77	81	84	82	82	85	67	65	78	78	80	82	65	72	77	78	78	65	70	77	77	83	80	74	74	
	MIN	60	65	51	42	39	37	39	54	45	44	45	45	47	55	39	34	38	40	42	31	46	37	35	39	44	43	24	37	48	56	53	43	
GAINESVILLE	MAX	88	85	76	69	75	78	79	79	80	85	86	85	85	85	72	76	79	82	84	79	62	69	74	81	80	82	69	74	79	88	78	78	
	MIN	66	67	52	44	43	44	48	58	59	54	55	53	52	53	40	40	42	46	47	37	41	42	43	43	46	43	30	33	48	62	57	48	
GENEVA	MAX	88	85	85	66	74	76	80	82	83	84	85	84	85	84	82	70	77	82	80	82	66	72	75	79	80	80	73	73	78	85	85	79	
	MIN	62	58	64	44	47	49	53	57	57	54	52	52	55	58	44	38	45	47	50	41	39	42	40	47	53	55	32	45	60	63	55	50	
GILBERTOWN	MAX	89	80	70	72	77	79	77	79	84	86	85	84	84	75	70	79	83	84	84	73	72	77	81	80	83	71	73	79	82	85	79	79	
	MIN	61	63	51	42	39	40	47	64	56	49	48	48	49	44	33	35	38	42	43	38	42	43	35	38	44	47	26	33	54	55	55	45	
GREENSBORO	MAX	88	77	71	77	80	86	86	83	86	88	87	89	87	77	74	83	86	87	83	65	71	79	81	83	83	74	78	79	79	87	87	81	
	MIN	65	68	51	43	46	47	51	62	58	56	55	55	55	60	39	42	46	51	49	36	42	44	42	47	53	44	34	49	60	64	58	50	
GREENVILLE	MAX	87	88	69	73	78	81	81	83	85	86	85	87	87	78	69	79	84	84	83	76	70	75	81	78	80	73	75	78	83	84	86	80	
	MIN	64	60	56	45	50	50	54	61	59	58	56	57	57	63	44	45	52	51	50	41	43	45	46	48	53	54	41	48	60	63	61	52	
GUNTERSVILLE	MAX																																	
	MIN																																	
HALEYVILLE	MAX	82	70	64	65	70	75	75	78	72	81	83	83	83	82	67	67	78	83	81	78	58	65	70	78	79	77	64	72	70	78	83	74	
	MIN	61	56	48	39	41	44	46	58	56	51	56	53	53	57	36	37	41	45	47	34	42	43	41	46	47	42	30	40	50	60	55	46	
HAMILTON	MAX	88	70	65	66	70	77	75	80	78	82	85	86	84	84	70	68	80	82	82	70	62	70	72	78	80	79	67	71	77	77	86	76	
	MIN	62	55	45	38	40	41	45	50	54	50	52	53	49	48	34	35	39	44	42	32	38	35	37	43	47	38	30	38	47	58	55	44	
HEADLAND	MAX	86	86	86	62	76	77	80	82	84	85	85	85	87	86	83	71	80	83	82	83	65	72	72	80	81	83	74	75	79	84	85	80	
	MIN	60	59	63	49	49	50	54	55	58	54	55	59	50	61	44	40	49	51	54	41	43	43	40	48	51	56	38	41	58	63	55	51	
HIGHLAND HOME	MAX	82	82	82	65																													
	MIN	61	61	55	44	45	44	50	50	54	59	54	58	56	57	39	40	42	50	54	36	38	40	43	44	47	56	32	40	50	61	63	49	
HUNTSVILLE WB AP	MAX	79	67	65	71	75	76	80	82	83	85	85	85	83	69	66	78	81	82	73	54	64	72	78	81	80	63	71	72	79	85	84	75	
	MIN	66	53	49	42	41	44	44	55	51	50	50	53	52	45	40	36	42	45	43	36	43	38	39	45	50	35	28	50	59	61	57	46	
JASPER 4 N	MAX	79	73	68	73	78	78	80	76	83	85	86	86	84	70	68	78	80	82	76	59	67	71	76	79	80	65	69	73	80	86	83	76	
	MIN	55	57	47	34	33	34	35	53	50	43	43	44	42	52	32	30	32	36	37	29	39	30	30	35	41	32	22	28	46	68	50	40	
LAFAYETTE	MAX	83	84	71	71	74	75	78	78	81	85	82	84	85	74	68	80	82	81	82	59	68	75	80	79	79	79	70	71	83	85	89	77	
	MIN	57	57	55	43	43	42	43	52	51	52	48	53	51	55	39	41	50	47	50	36	42	43	45	48	47	56	33	36	53	60	60	47	
LIVINGSTON	MAX	86	75	70	73	77	78	80	79	84	84	84	85	85	73	70	78	85	83	81	65	69	74	79	79	80	69	72	77	80	85	88	78	
	MIN	65	60	51	42	41	42	46	63	56	52	51	50	50	57	39	38	40	44	45	35	40	40	39	42	50	44	29	39	61	59	56	47	
LOCKHART	MAX	88	86	87	61	73	76	80	82	85	84	85	84	85	81	78	70	79	84	81	84	65	72	76	83	83	82	71	74	78	84	86	79	
	MIN	64	59	59	45	48	53	56	59	59	56	54	55	59	59	44	44	48	50	50	43	42	45	45	46	48	55	55	37	47	59	64	57	
MAOISON	MAX	82	74	60	63	70	72	73	75	77	80	82	82	81	81	67	65	76	77	78	71	53	63	70	75	77	78	62	67	72	78	82	73	
	MIN	63	55	48	38	39	45	47	56	51	49	54	53	53	54	34	35	41	46	47	31	45	38	39	48	50	36	27	43	56	59	57	46	
MARION JUNCTION 2 NE	MAX	88	79	74	77	78	82	80	84	85	85	85	85	86	75	71	81	84	84	82	63	71	77	80	81	83	73	73	78	81	87	89	76	
	MIN	64	61	53	44	43	44	48	63	58	53	51	53	53	50	39	42	43	46	46	34	44	33	41	43	51	45	30	43	58	63	56	48	
MARTIN OAM	MAX	85	83	77	71	78	79	79	78	80	85	81	83	82	76	68	78	81	78	82	71	65	72	78	79	79	69	72	72	78	84	84	77	
	MIN	62	63	57	49	53	50	49	57	56	54	54	58	58	59	50	43	51	49	49	42	48	49	47	45	51	54	44	41	59	62	56	52	
MINTER 3 NW	MAX	89	85		66	73	80	79	83	86	85	86	86	88	85	75	71	79	84	84	82	63	69	75	80	78	80	72	74	77	81	85	79	
	MIN	63	54		43	42	47	51	51	59	58	56	56	56	57	41	41	43	44	47	37	35	41	40	41	45	50	37	36	46	62	60	47	
MOBILE WB AIRPORT	MAX	86	85	70	75	77	81	76	80	85	86	87	88	80	79	72	79	81	85	84	70	75	77	80	79	82	74	76	77	82	83	86	79	
	MIN	68	68	54	48	52	53	63	68	64	61	59	60	63	57	45	45	50	52	53	41	45	44	46	48	56	55	45	49	68	63	61	55	
MOBILE	MAX	87	88	85	66	70	78	82	76	80	85	85	85	86	80	76	68	77	84	84	83	67	73	75	78	76	81	70	76	73	78	84	78	
	MIN	70	71	59	50	52	54	61	68	66	64	63	61	64	65	49	47	52	56	60	48	46	49	50	52	57	58	45	49	63	67	63	57	
MONTGOMERY WB AP	MAX	85	86	68	74	76	78	81	82	84	86	85	86	85	79	71	81	82	82	83	64	69	79	81	80	81	72	72	76	82	86	88	79	
	MIN	62	61	51	47	44	45	47	59	54	52	52	53	52	40	43	47	46	40	44	41	44	42	44	44	52	44							

DAILY TEMPERATURES

ALABAMA
TOBER 1961

Continued

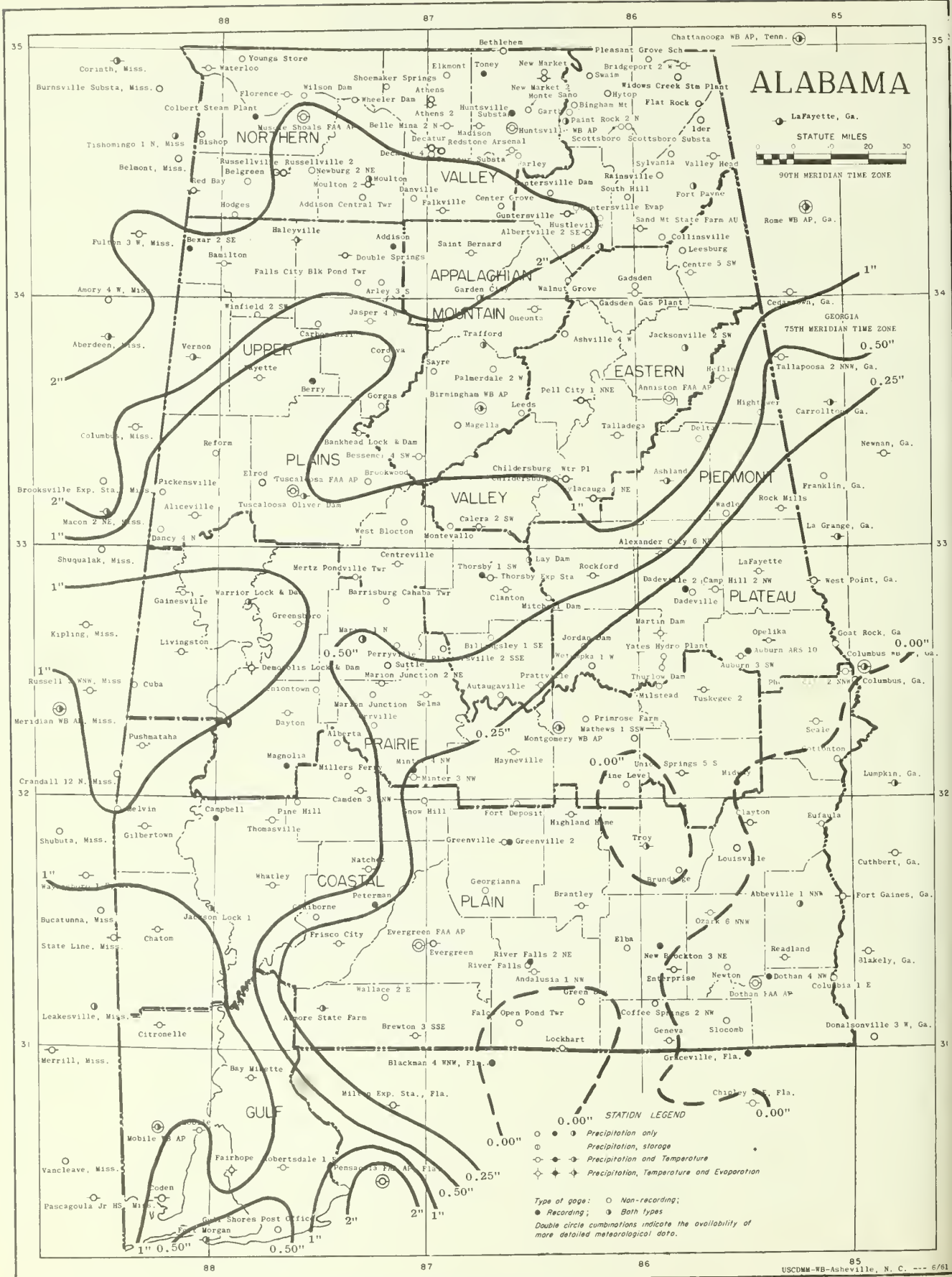
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ROBERTSVALE 1 E	MAX	87	87	87	69	72	77	81	77	79	85	85	84	85	78	78	71	79	83	82	82	67	71	75	81	80	82	74	76	75	81	83	79.1
	MIN	65	64	55	45	50	51	55	63	59	59	56	59	62	64	44	45	47	48	52	43	43	44	44	44	45	47	57	41	43	58	64	58
ROCKFORD	MAX	82	85	83	60	75	76	78	81	82	83	85	82	86	85	77	70	81	83	85	80	64	73	75	77	81	81	75	73	74	80	85	78.6
	MIN	56	58	53	43	44	46	42	43	50	53	48	53	49	50	31	35	37	44	43	31	35	38	39	41	51	41	28	31	37	49	51	43.5
ROCK MILLS	MAX	82	83	78	73	74	76	78	80	82	85	84	84	85	72	70	81	82	81	79	70	68	77	77	78	78	74	70	71	81	84	86	78.2
	MIN	54	56	55	46	39	36	38	46	45	45	45	45	43	43	49	34	39	41	41	34	44	45	34	39	44	46	29	29	53	52	50	43.2
RUSSELLVILLE 2	MAX	85	69	59	66	71	75	76	78	74	83	83	84	84	84	67	64	78	81	82	65	57	64	64	77	78	77	63	72	74	78	84	74.1
	MIN	64	55	47	41	35	38	38	38	50	45	45	50	45	47	33	32	33	37	39	29	35	33	33	34	42	32	21	19	57	58	52	40.5
SAINT BERNARD	MAX	86	80	66	63	70	71	71	78	74	82	85	85	84	83	67	65	76	82	82	68	55	65	70	78	80	80	67	71	72	79	83	74.8
	MIN	61	68	49	42	40	41	41	47	52	49	49	51	50	54	38	35	42	51	48	35	46	40	38	49	52	40	26	44	53	57	57	44.6
SAND MT STATE FARM A U	MAX	82	73	61	70	72	74	75	77	81	81	81	82	81	70	64	75	79	80	75	52	63	70	74	76	78	63	62	70	78	80	82	73.6
	MIN	60	61	50	41	39	45	47	55	41	52	55	52	51	55	35	35	42	51	48	35	46	40	38	49	52	40	26	44	53	57	57	46.8
SCOTTSBORO	MAX	80	68	66	72	75	76	78	78	82	85	84	85	84	69	68	77	81	82	76	55	64	74	77	79	79	64	70	73	77	78	75.2	
	MIN	63	50	36	36	36	35	35	45	44	44	44	44	44	43	34	32	32	38	40	33	33	42	35	36	40	44	25	25	33	43	44	38.8
SEALE	MAX	85	85	81	75	76	78	80	78	82	86	85	85	85	80	70	80	83	82	82	72	72	78	80	81	81	74	72	75	82	87	88	80.0
	MIN	57	56	60	45	43	43	45	47	50	49	49	48	48	52	38	38	42	43	45	36	42	37	40	40	49	50	31	39	57	59	52	46.1
SELMA	MAX	88	82	75	75	76	78	82	78	85	85	85	86	85	78	72	81	83	84	83	69	70	76	80	80	83	75	72	77	81	85	87	79.9
	MIN	65	66	55	44	45	46	51	63	59	54	53	53	54	59	41	43	45	48	49	39	42	42	42	45	54	50	35	44	61	64	58	50.6
SYLACAUGA 4 NE	MAX	85	83	72	73	74	76	78	80	81	84	84	85	84	70	69	79	82	82	78	61	62	75	79	77	80	68	72	71	77	85	83	77.2
	MIN	61	62	54	40	40	40	43	55	49	47	47	46	45	50	37	34	39	43	43	33	40	38	37	40	47	40	25	35	54	58	55	44.4
TALLADEGA	MAX	82	81	68	70	72	72	76	77	79	81	80	81	81	68	65	75	78	79	78	58	64	71	76	78	78	66	70	71	78	84	82	74.8
	MIN	69	64	53	43	41	40	42	52	50	48	49	50	50	53	37	35	42	46	44	32	39	40	39	43	48	44	28	35	49	58	55	45.7
THOMASVILLE	MAX	87	87	75	67	70	75	77	79	78	83	84	82	84	80	74	69	77	80	81	80	64	68	72	77	78	78	69	72	76	78	84	76.9
	MIN	64	65	51	42	45	48	50	57	59	57	54	55	55	58	43	40	46	50	49	36	39	42	44	46	52	48	36	43	58	62	60	50.1
THORSBY EXP STATION	MAX	85	79	72	71	73	75	77	78	80	83	81	82	83	70	68	78	80	81	79	65	66	76	78	76	79	71	71	72	76	84	86	76.6
	MIN	62	64	52	45	45	46	47	58	54	53	52	54	53	59	38	44	47	49	49	36	43	45	44	45	51	46	33	45	58	60	59	49.5
TROY	MAX	86	86	75	78	81	82	83	84	87	86	86	85	79	70	79	85	83	84	70	70	76	83	83	83	83	73	77	79	84	87	89	81.1
	MIN	63	64	56	44	53	56	60	59	62	61	56	60	61	43	43	53	57	55	40	43	42	50	52	56	56	52	42	49	62	63	61	53.9
TUSCALOOSA FAA AIRPORT	MAX	88	79	71	76	78	79	83	76	87	87	87	87	85	73	73	82	84	85	80	64	71	77	80	81	83	71	74	75	80	87	87	79.8
	MIN	66	56	50	41	41	41	46	60	55	51	52	51	51	51	40	38	41	46	39	35	40	37	40	40	49	35	29	37	63	61	57	46.4
TUSCALOOSA OLIVER DAM	MAX	88	87	77	68	73	86	77	80	83	85	85	85	85	85	72	70	80	83	83	77	62	68	75	78	80	82	68	74	75	79	86	78.6
	MIN	65	65	50	41	39	41	45	51	54	50	50	50	49	50	42	38	41	44	45	34	36	39	39	39	41	45	30	36	46	60	54	45.5
TUSKEGEE 2	MAX	85	83	75	72	75	77	79	78	82	84	84	84	84	83	75	80	82	81	82	62	67	75	79	78	78	71	70	74	79	84	86	78.3
	MIN	62	62	58	46	49	50	54	57	57	57	57	56	57	56	41	43	51	55	51	39	41	42	47	50	54	50	39	45	60	63	57	51.8
UNION SPRINGS 5 S	MAX	84	83	80	63	72	76	78	80	80	80	82	83	85	85	76	70	79	81	80	80	61	72	76	81	80	80	70	72	75	82	84	77.7
	MIN	59	56	56	42	43	49	56	56	52	53	52	49	57	59	40	40	43	46	47	39	41	42	40	45	51	49	39	42	59	62	54	49.0
VALLEY HEAD	MAX	80	82	74	57	70	72	75	76	78	80	83	82	83	84	68	65	78	80	81	75	52	63	70	74	78	80	64	70	70	78	80	74.3
	MIN	60	58	48	34	32	36	32	44	42	42	42	45	42	43	30	30	29	32	39	26	27	33	32	37	38	28	19	31	50	50	38.0	
VERNON	MAX	90	75	74	72	80	81	80	84	75	89	89	90	89	88	74	75	84	87	88	75	66	75	78	82	83	79	71	74	78	79	89	80.4
	MIN	60	62	48	35	37	38	42	46	53	50	49	49	46	51	33	33	37	40	40	28	31	35	35	38	44	31	24	24	48	57	53	41.8
WATERLOO	MAX	87	65	57	66	70	74	75	76	74	82	82	84	83	83	63	65	77	81	82	65	55	65	67	77	78	76	64	69	78	79	86	73.7
	MIN	58	54	45	34	36	38	39	38	48	49	51	53	50	52	29	32	37	39	42	36	34	35	34	40	47	35	22	36	58	61	58	42.6
WHATLEY	MAX	91	83	71	72	77	80	81	82	86	86	86	87	85	76	78	80	85	84	84	73	71	75	81	80	83	78	76	78	82	62	90	80.1
	MIN	61	63	52	40	41	42	43	46	54	57	48	48	50	53	44	34	40	42	43	33	34	34	37	38	45	49	31	33	62	67	54	45.7

EVAPORATION AND WIND

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	
DEMOPOLIS LOCK & DAM	EVAP	.20	.13	-	.21	.08	.16	.22	.11	.17	.02	.24	.09	.11	.18	.21	*	.23	.08	.12	.18	.10	.07	.14	.10	.10	.11	.18	.08	.10	.12	.13	B4.10
	WIND	31	21	83	82	25	15	28	35	26	2	18	16	16	16	81	37	11	5	9	62	70	58	23	10	12	24	65	51	91	41	25	1089
FAIRHOPE	EVAP	.15	.10	.15	.12	.14	.15	.07	.05	.13	.17	.15	.27	.08	.07	.21	.13	.1															

TOTAL PRECIPITATION

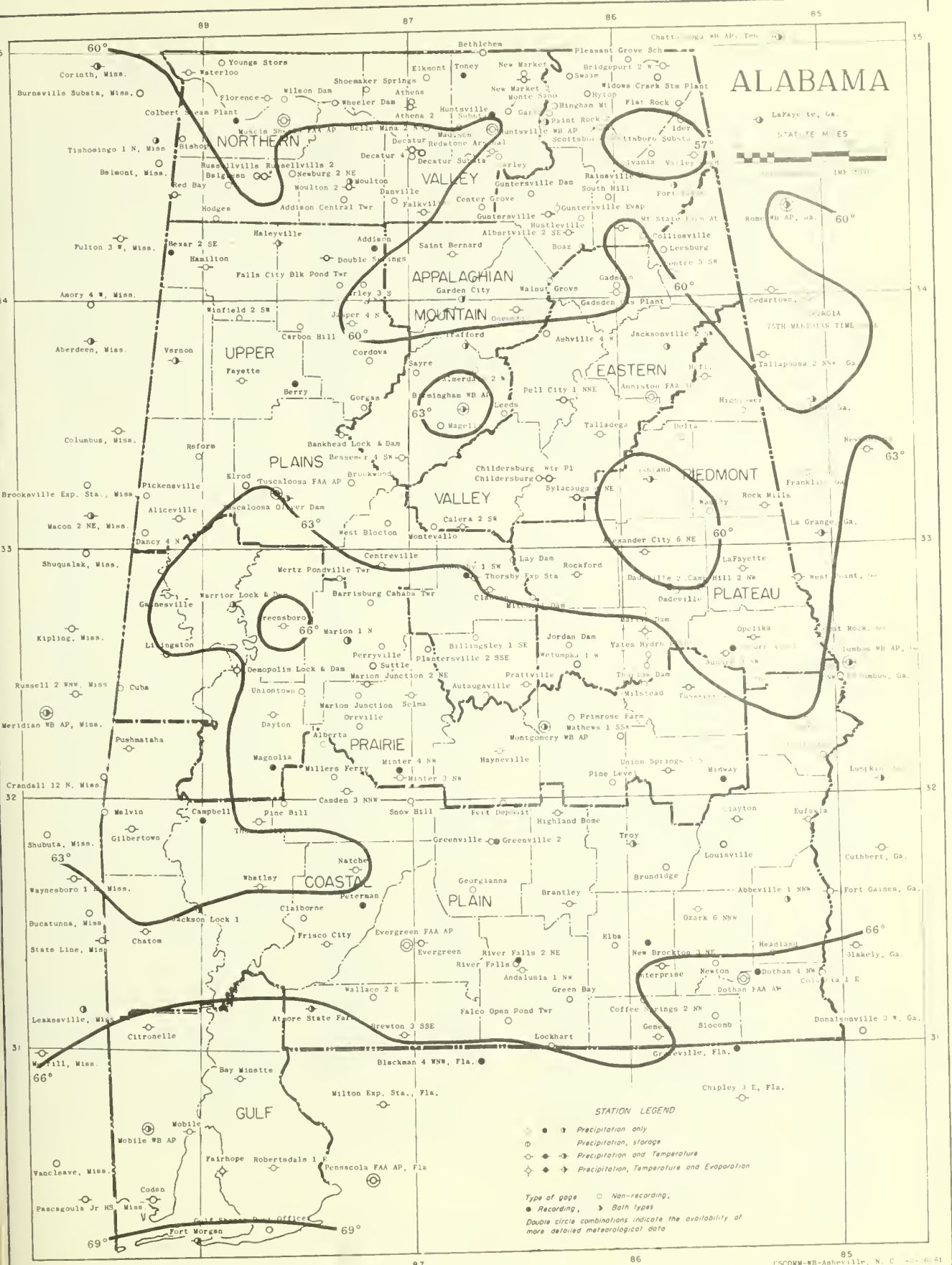
ALABAMA
OCTOBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
OCTOBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
OCTOBER 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
							TEMP.	PRECIP.	ETAP.	SPECIAL									TEMP.	PRECIP.	ETAP.	SPECIAL		
ABBEVILLE 1 NW	0008	HENRY	A	31 35	85 15	465	7A					JOHN S. RICHBURG	LAY OAK	4603	CHILTON	7	32 58	86 31	420	7A			ALABAMA POWER CO.	
ADDITIONAL CENTRAL TOWER	0063	WINSTON	2	34 13	87 11	795	7A					PALMER GODSEY	LEEGS	4619	JEFFERSON	3	33 33	86 33	636	7A			MRS. MARY K. LEE	
0100	0071	LAFAYETTE	1	32 14	87 19	710	7A					MRS. C. MERRY J. MERNDON	LEESEBURN	4627	CHEROKEE	11	32 42	86 45	573	7A			AUFUS M. SCHELL	
0140	0110	WILCOX	1	32 14	87 25	175	5A	5A				JOHN J. HADY, SR.	LIVINGSTON	4798	SUMTER	13	32 35	88 11	160	7P	7P			PROF. E. J. NURPHY
0148	0148	MARSHALL	12	34 14	86 10	1140	5A	5A				JESSE M. CULP	LOCHART	4822	COVINGTON	9	31 01	86 22	290	8A	8A			M. C. YOUNG
ALBANY CITY & NE	0143	TALLAPOSA	11	32 59	85 52	660	5P	5P				H. OUGLAS W. SANFORD	LOUISVILLE	4884	BARBOUR	5	31 48	85 33	470	8A	8A			JOHN B. ARO
ALBUQUERQUE	0178	PICKENS	13	33 29	87 10	740	7A	7A				JOHN T. SWENHALL	MADISON	4976	MADISON	13	34 42	86 45	573	9A	9A			HARRY R. TAYLOR, JR.
ANGULUSIA 1 NW	0252	COVINGTON	6	31 19	86 30	260	8A	8A				JAMES P. GILLIS	MAGNOLIA	4996	JEFFERSON	3	33 30	86 51	654	7A			ALABAMA POWER CO.	
ANNISTON FAA AP	0272	CALHOUN	7	33 15	85 51	599	M10	7A				FEO. AVIATION AGENCY	MAGNOLIA	5004	HARENGO	1	32 08	87 39	185	7A			DR. T. M. GAILLARD	
APLEY 3 S	0389	CLAY	2	34 04	87 13	500	7A					MRS. GORA R. DAVIS	MARION 1 N	5108	PERRY	2	32 58	87 18	210	7A			ROBERT J. CURRY	
ASHLAND	0398	WINSTON	11	33 16	85 51	1060	6P	6P				HENRY L. MC NEEN	MARION JUNCTION	5116	DALLAS	3	32 26	87 14	204	6P	6P			MRS. MARGARET SMITH
ASHVILLE 4 W	0377	51+ CLAIR	7	33 51	86 20	590	7A					JOHN T. SWENHALL	MARION JUNCTION 2 NE	5121	DALLAS	3	32 28	87 13	200	6P	6P			MRS. MARGARET SMITH
ATHENS	0390	LIMESTONE	12	34 48	86 59	709	9A	9A				TV-42	MARTIN OAK	5140	ELMORE	11	32 40	85 55	335	6P	6P			MRS. MARGARET SMITH
ATHENS STATE FARM	0492	ESCAMBIA	8	31 10	87 29	300	6P	6P				RADIO STATION WJHM	MELVINS 1 SSW	5172	MONTGOMERY	13	31 56	86 01	190	7A			ALABAMA POWER CO.	
AUBURN 3 S	0422	LEE	11	32 34	85 31	730	8A	8A				MRS. MARTHA L. MOORE	MERTZ PONOVILLE TOWER	5382	BIBB	3	32 53	87 30	600	7A			U.S. FOREST SERVICE	
AUBURN ARS 10	0427	LEE	11	32 36	85 29	700	8A	8A				AGRI. RESEARCH SERVICE	MIWAY	5397	BULLOCK	4	32 04	85 32	490	7A			MRS. SARA O. MALL	
AUTAGAUYVILLE 3 N	0540	AUTAUGA	1	32 28	86 41	200	6A					J. B. NEIGHBORS	MILLERS FERRY	5417	WILCOX	1	32 06	87 22	78	5A			FRED HENDERSON	
BANKHEAD LOCK AND DAM	0505	TUSCALOOSA	12	33 29	86 19	500	6P	6P				CORPS OF ENGINEERS	MOBILE MACON	5439	MACON	11	32 27	85 26	204	9A			C. O. HAMMOND, JR.	
BAR Y MINETTE	0883	BALOWIN	9	30 53	87 47	268	7P	7P				H. GROVER W. WOODWARD	MINER 3 NW	5449	DALLAS	1	32 06	87 03	370	7A			HENRY J. YATES	
BELGREEN	0631	FRANKLIN	12	34 28	87 52	810	7A					TV-43	WINTER 4 NW	5454	DALLAS	1	32 07	87 03	-	7A			T. E. LIOE	
BELLE MINA 2 M	0655	LIMESTONE	12	34 42	86 53	600	5P	5P				ALBURN UNIVERSITY	MITCHELL DAM	5465	CHILTON	7	32 48	86 27	350	6A			ALABAMA POWER CO.	
BERRY	0748	FAYETTE	2	33 40	87 36	452	6A					MISS CLARA R. OLIVE	MOBILE WB AIRPORT	5478	MOBILE	9	30 41	88 15	211	M10	M10			U.S. WEATHER BUREAU
BESSMER 4 SW	0751	JEFFERSON	13	33 22	87 13	583	6P	6P				JAMES E. MC CRAVY	MOBILE	5483	MOBILE	11	32 27	86 03	57	8A			ROBERT C. RETANOURT	
BETHLEHEM	0776	MADISON	12	34 59	86 38	875	7A					TV-75	MOBILE SANO	5529	MADISON	12	34 45	86 11	200	7A			ALABAMA POWER CO.	
BEAR 2 SE	0790	MARION	10	33 10	88 07	570	7A					OSCAR W. LOCKRIDGE	MONTEVALLO	5537	SHELBY	3	33 06	86 52	462	7A			M. W. JETER, JR.	
BILLINGSVILLE 1 SE	0823	AUTAUGA	1	32 39	86 42	420	6A					JOHN R. THOMAS	MONTGOMERY WB AP	5550	MONTGOMERY	1	32 18	86 24	195	M10	M10			U.S. WEATHER BUREAU
BIRMINGHAM 3 SE	0824	JACKSON	12	33 28	87 03	217	7A					TV-42	MONTGOMERY	5552	MONTGOMERY	12	32 27	86 20	190	6A			ALBURN UNIVERSITY	
BIRMINGHAM WB AP	0831	JEFFERSON	12	33 34	86 45	610	M10	M10				U.S. WEATHER BUREAU	MOULTON 2	5635	LAWRENCE	12	34 29	87 18	645	6P	6P			JOHN H. KELLY
BISHOP	0854	COLBERT	12	34 39	86 07	470	7A					U.S. WEATHER BUREAU	MUSCLE SHOALS FAA AP	5749	COLBERT	12	34 45	87 37	536	M10	M10			FEO. AVIATION AGENCY
BOAZ	0957	MARSHALL	2	34 13	86 10	1070	7A					D. DAVID A. BURNS	NATCHEZ	5785	MONROE	1	31 43	87 16	182	5P	7A			S. B. HELTON
BRANTLEY	1069	CRENSHAW	6	31 35	86 16	274	8A	8A				R. E. HENDERSON	NEW BROCKTON	5842	COFFEY	5	31 24	85 56	460	6A			E. L. DEAN	
CANTON 3 SSE	1074	ESCAMBIA	8	31 09	87 03	217	7A					FRANKLIN T. PEAVY	PERMUNTA	5847	FRANKLIN	18	32 12	86 23	260	7A			MRS. NINTA EDDINS	
BROOKPORT 2 W	1099	JACKSON	12	34 56	85 45	660	5P	5P				MISS M. LOUISE JONES	NEW MARKET	5862	MADISON	12	34 54	86 26	760	6P	6P			ALABAMA POWER CO.
BROOKWOOD	1143	TUSCALOOSA	12	33 16	87 17	605	7A					MRS. WILLIE H. STYRON	NEW MARKET 2	5867	MADISON	12	34 54	86 26	715	6P	7A			MRS. A. W. KILPATRICK
BRUNDTONE	1178	PIKE	5	31 43	85 49	495	5P	5P				MILROSE P. WHITTINGTON	NEWTON	5975	DALE	5	31 20	85 36	220	7A			BASCOM N. BROWN	
CALERA 5 W	1298	SHELBY	12	34 23	86 38	780	8A	8A				M. E. ALBERT	OREGONA 2 N	6244	JEFFERSON	14	34 42	86 20	935	7A			ALABAMA POWER CO.	
CAMDEN 3 NW	1301	WILCOX	1	32 02	87 20	225	5P	5P				ALBURN UNIVERSITY	OPELIKA	6129	LEE	11	32 38	85 23	750	6A	8A			RADIO STATION WJHO
CAMPBELL	1315	CLARKE	13	31 59	87 59	93	6A					JOE PICKENS	ORVILLE	6161	DALLAS	1	32 18	87 14	200	2A			EDWARD B. WARREN	
CAMP HILL 2 NW	1324	TALLAPOSA	11	32 50	85 41	680	6A	6A				ALBURN UNIVERSITY	OSAGE 6 NNW	6218	DALE	5	31 32	85 43	460	6A	8A			JACOB O. BARNES
CARDON HILL	1377	WALKER	12	33 54	87 32	430	7A					FLOYD J. GARRISON	PALM ROCK 2 N	6226	JACKSON	12	34 42	86 20	935	7A			ALABAMA POWER CO.	
CENTRE 5 W	1492	MORGAN	7	34 08	85 45	620	7A	7A				ALABAMA POWER CO.	PALM ROCK 2 N	6244	JEFFERSON	14	34 42	86 20	935	7A			ALABAMA POWER CO.	
CENTREVILLE	1520	BIBB	3	32 52	87 08	230	7A	7A				OON R. WATSON	PELL CITY 1 NNE	6329	ST. CLAIR	7	33 36	86 16	955	7A			NORMAN A. VAUGHN	
CHILDRERS	1586	WASHINGTON	13	31 28	88 15	195	6P	6P				W. G. HOLLIFIELD	PERRYVILLE	6362	PERRY	5	32 36	87 09	500	8A			MRS. EVELYN M. FULLER	
CHILDRERSBURG WTR PLANT	1615	TALLADEGA	7	33 17	86 21	480	6A					ALABAMA POWER CO.	PETEMAN	6370	MONROE	6P	31 35	87 16	195	7A			ALABAMA ELECTRIC CO.	
CITRONELLE	1685	MOBILE	9	31 05	89 14	331	6P	6P				CITY WATER PLANT	PENNING CITY 2 NNW	6398	RUSSELL	4	32 30	85 01	570	8A	8A			D. B. MC HENREY
CLAYTON	1690	MONROE	7	32 51	86 38	580	7A	7A				MRS. ESTHER A. JONES	PINE HILL	6440	WILCOX	1	31 59	87 26	110	7A			MRS. DELLA L. OAKLEY	
CLAYTON	1694	CHILTON	7	32 51	86 38	580	7A	7A				W. NAPION W. EASTERLING	PINE HILL	6440	WILCOX	1	31 59	87 26	110	7A			MRS. DELLA L. OAKLEY	
CLAYTON	1725	BARBOUR	5	31 54	85 28	615	5P	5P				MRS. CAROLYN R. WATSON	PLEASANT GROVE SCHOOL	6521	JACKSON	12	34 57	85 55	633	7A			ALABAMA POWER CO.	
COGEN	1803	MOBILE	9	30 23	88 13	12	5P	5P				AGNES C. CHRISTENSEN	PRATTVILLE	6640	AUTAUGA	1	32 28	86 28	290	6P	6P			CONTINENTAL GIN CO.
COFFEE SPRINGS 2 NW	1807	GENEVA	5	31 11	85 56	250	6A					HENRY F. KELLEY	PRIMROSE FARM	6684	MONTGOMERY	1	32 18	86 15	160	12N			W. E. ELSBERG	
COLBERT STEAM PLANT	1819	COLBERT	12	34 28	85 15	670	6P	6P				C. S. SMITH	PRIVILEGE	6719	CHOCTAW	8	31 35	87 16	195	7A			MRS. JANICE C. BROWN	
COLLINSVILLE	1849	DE KALB	7	34 15	85 52	734	7A					B. W. APPLETON	REINVILLE	6762	DE KALB	12	34 30	85 52	1320	7A			ALABAMA POWER CO.	
COLUMBIA 1 E	1865	HOUSTON	4	31 17	85 06	68	7A					ROBERT E. POPPIE	REINVILLE	6762	DE KALB	12	34 30	85 52	1320	7A			ALABAMA POWER CO.	
CORDOVA	1940	WALKER	2	33 46	87 11	334	7A					MRS. C. GRESHAM	REINVILLE	6762	DE KALB	12	34 30	85 52	1320	7A			ALABAMA POWER CO.	
CORTONTON	1974	RUSSELL	13	32 26	86 23	215	7A					HUGH A. KITE	RIVER FALLS	6837	HADLEY	12	34 33	86 03	625</					

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following.

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

26-18/3:877
U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



NOVEMBER 1961
Volume 67 No. 11



ALABAMA - NOVEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 1st at Centreville and Ozark 6 NNW

Lowest Temperature: 12° on the 30th at Waterloo

Greatest Total Precipitation: 10.30 inches at Citronelle

Least Total Precipitation: 1.39 inches at Slocomb

Greatest One-Day Precipitation: 6.69 inches on the 14th at Citronelle

CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1961

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
										10° or Above	37° or Below	7° Below					Total	Max. Depth on Ground	Date	10 or More	30 or More	1.00 or More	
																							Mm.
NORTHERN VALLEY																							
THENS 2	61.4	39.7	50.6		87	3	20	29	442	0	0	9	0	4.71	1.33	23		0			8	4	1
ELLE MINA 2 N	63.4M	42.0M	52.7M		84	2	21	30	378	0	0	5	0	4.22	1.35	23		0			9	3	1
ECATUR	63.1	42.4	52.8	.9	86	1	22	30	385	0	0	6	0	4.77	1.56	23		0			9	3	1
WALKVILLE	64.9	42.4	53.7		85	1	21	30	364	0	0	9	0	5.31	1.61	23		0			8	6	1
MOUNTSVILLE WB AR	62.9	42.9	52.9		84	2	22	30	374	0	0	8	0	3.71	.91	23		0			8	3	0
DIVISION																							
ADISON	62.4	42.0	52.2	1.6	83	1	21	30+	394	0	0	7	0	4.45	.62	1.28	23		0		9	3	2
DULTON 2	62.7	42.2	52.5		82	2	18	29	389	0	0	8	0	5.43	1.98	23		0			9	3	1
MUSCLE SHOALS FAA AR	61.8	41.5	51.7		82	2	20	30	414	0	0	9	0	5.99	1.65	22		0			7	4	3
NEW MARKET 2	62.9	40.8	51.9		83	2	19	30	402	0	0	9	0	3.42	1.05	23		0			9	3	1
WED BAY	61.3	41.9	51.6		83	1	24	30+	415	0	0	7	0	9.96	2.25	23		0			10	7	5
EDSTONE ARSENAL	62.7	39.8	51.3		81	2	20	30	418	0	0	11	0	4.41	1.16	23		0			7	3	1
MUSSELLVILLE 2	61.4	38.3	49.9		83	1	19	30+	456	0	0	11	0	6.08	1.90	23		0			8	5	3
WATERLOO	64.7	39.8	52.3		83	4+	12	30	392	0	0	11	0	6.56	2.05	23		0			9	5	2
DIVISION																							
ARPALACHIAN MOUNTAIN			52.0	1.3									5.31	1.58				0					
NORTHWEST VALLEY																							
LIBERTYVILLE 2 SE	64.7M	38.1M	51.4M	1.5	82	3+	22	30	424	0	0	8	0		1.05	16		0					1
ESSEMER 4 SW	66.2	43.9	55.1		84	2	21	30	311	0	0	6	0	5.45	2.07	23		0			6	4	2
IRMINGHAM WB AR	66.0	45.8	55.9	3.9	84	2	27	30+	301	0	0	4	0	4.29	1.08	23		0			7	5	1
RIDGECR 2 W	66.1	42.6	54.4		88	2	20	30	332	0	0	9	0	4.23	.57	1.46	16		0		9	3	1
NEONTA	65.6	42.8	54.2		84	3	22	29	344	0	0	8	0	3.89	1.30	23		0			5	4	2
DIVISION																							
SAINTE BERNARD	63.4	40.8	52.1	2.1	82	3	23	30+	393	0	0	7	0	4.61	.56	1.63	23		0		5	3	2
AND MT STATE FARM A U	63.1	43.1	53.1		83	2	22	30+	363	0	0	7	0	4.17	1.60	16		0			7	3	2
COTTSDORO	64.0M	39.8M	51.9M	1.4	85	3	22	30	395	0	0	10	0	4.84	1.00	2.00	16		0		7	4	1
WALLEY HEAD	64.3	38.5	51.4	1.9	84	3	16	29	414	0	0	12	0	3.89	.25	1.06	16		0		7	3	1
DIVISION																							
UPPER RAINS			53.3	2.4									4.42	.67				0					
SOUTHWEST VALLEY																							
LICEVILLE	66.7M	43.1M	54.9M		88	3	18	30	322	0	0	6	0	4.72	1.50	23		0			6	4	2
WANKHEAD LOCK AND DAM	65.3	42.9	54.1		85	1	26	30	338	0	0	7	0	4.38	1.53	23		0			6	4	1
WENTVILLE	68.2	42.5	55.4	1.7	90	1	20	30	314	1	0	8	0	4.08	1.90	23		0			6	4	1
LANTON	67.2	41.3	54.3	1.2	86	1	21	30	338	0	0	8	0	3.30	1.60	23		0			2	1	
DOUBLE SPRINGS	63.1	40.9	52.0		82	3+	22	29	401	0	0	8	0	5.87	1.80	23		0			8	4	2
DIVISION																							
WAYETTE	66.1	41.9	54.0		83	2	21	10	340	0	0	7	0	5.22	1.84	23		0			5	2	1
WALEYVILLE	62.0	41.9	52.0		82	1	24	29+	404	0	0	6	0	6.73	1.81	23		0			8	6	2
WAMBLTON	62.4M	39.3M	50.9M		83	3+	19	30	423	0	0	7	0		2.70	14		0			5	3	
WASSER 4 N	63.5	39.5	51.5		84	2	18	30	403	0	0	11	0	6.50	2.38	23		0			9	5	1
WATTVILLE	69.6	45.9	57.8	3.4	85	3+	24	30	257	0	0	5	0	4.31	1.50	23		0			5	3	2
DIVISION																							
WORSBY EXR STATION	66.8	45.1	56.0		84	2	27	30+	290	0	0	5	0	3.78	1.88	23		0			5	2	1
MUSCALOOSA FAA AIRPORT	66.5	44.4	55.5		86	2	24	30	309	0	0	5	0	4.90	1.12	22		0			8	5	1
WERNON	65.3	40.3	52.8		84	3	21	30+	372	0	0	8	0	8.97	2.60	23		0			10	5	4
DIVISION																							
WYATTVILLE			53.9	.8									5.23	1.73				0					
EASTERN VALLEY																							
WANNISTON FAA AIRPORT	67.7	44.7	56.2		84	2	23	30+	291	0	0	6	0	3.31	1.45	23		0			5	2	1
WALERA 2 SW	67.7	43.9	55.8		83	2	20	30	292	0	0	6	0	3.59	2.45	23		0			6	1	1
WENTRE 5 SW	67.0	41.5	54.3		87	3	23	30	335	0	0	8	0	3.34				0					
WILDERSBURG WTR PLANT	68.5	43.8	56.2		84	1	20	30	286	0	0	6	0	3.25	1.41	23		0			7	1	1
WADDEN GAS PLANT	64.2	45.0	54.6		85	2	20	30	317	0	0	6	0	2.70	.77	23		0			5	3	0
DIVISION																							
WELL CITY 1 NNE		36.4					17	30		0	0	13	0	3.72	1.44	23		0			7	4	1
WYLAUGA 4 NE	67.4	44.4	55.9		82	5+	20	30	294	0	0	7	0	2.61	1.28	23		0			5	1	1
WYLADEGA	66.6	43.7	55.2	2.2	82	2	22	30	312	0	0	7	0	3.38	1.56	23		0			6	3	1
DIVISION																							
WYOMING			55.5	3.6									3.24	.08				0					
FLATLANDS																							
WYOMING PLATEAU																							
ALEXANDER CITY 6 NE	69.1M	41.0M	55.1M		87	1	17	30	323	0	0	9	0	3.24	1.30	23		0			5	2	1
WYBURN 3 SW	71.3	44.5	57.9		87	2+	25	30	260	0	0	5	0	2.15	1.01	23		0			7	1	1
WYHAMPTON 2 NW	69.8	41.8	55.8		85	2+	20	30	307	0	0	7	0	3.35	1.86	23		0			5	2	1
WYFAYETTE	69.0	45.1	57.1		85	3+	25	30	271	0	0	5	0					0					
WYHARTIN DAM	69.1	48.2	58.7		85	1	30	30+	224	0	0	2	0	3.67	.41	1.73	15		0		4	2	2
DIVISION																							
WYRELIKA	69.5	44.5	57.0		88	1	24	30	280	0	0	7	0	2.85	1.16	7		0			6	2	1
WYROCKFORD	68.9	40.1M	54.5M		87	2+	19	30	344	0	0	9	0	2.50				0					
WYROCK MILLS	68.6	43.4	56.0		85	1	20	30	288	0	0	8	0	2.55	1.53	23		0			5	1	1
DIVISION																							
WYPRairie			56.5	2.3									2.90	.55				0					
FLATLANDS																							
WYRAYTON	68.0	45.4	56.7		87	1	23	30	289	0	0	5	0	4.63	2.07	23		0			7	4	1
WYMEMPHIS LOCK AND DAM		43.9M					22	30		0	0	5	0	5.46	1.49	23		0			7	4	2
WYAINESVILLE	65.6	43.4	54.5		87	1	24	30	337	0	0	6	0	6.62	1.99	23		0			6	5	2
WYRENSBORO	68.7	45.8	57.3	1.3	85	2+	24	30	262	0	0	5	0	4.48	1.84	23		0			7		

CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1961

CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
SELMA	69.2	47.6	58.4	1.8	86	2+	27	30	244	0	0	4	0	3.74	.60	1.20	23	.0	0		7	4	1
TUSKEGEE 2	68.9	47.2	58.1		85	1	27	30	249	0	0	4	0	2.68		1.35	23	.0	0		7	1	0
UNION SPRINGS 5 S	71.3	46.0	58.7	2.4	86	2	22	30	249	0	0	4	0	2.20	-.69	2.20	23	.0	0		6	1	0
DIVISION			57.1	1.4										4.26	1.04			.0					
COASTAL PLAIN																							
ANDALUSIA 1 NW	71.1	46.9	59.0		87	3	25	30	248	0	0	5	0	6.10		2.86	15	.0	0		7	2	2
ATHORE STATE FARM	71.4	47.3	59.4		84	5+	28	30	214	0	0	4	0	4.99		1.88	14	.0	0		6	4	2
BRANTLEY	72.5	44.0	58.3		88	6+	22	30	260	0	0	9	0	4.54	1.30	1.43	15	.0	0		7	3	2
BRENTON 3 SSE	72.3	45.9	59.1	3.0	89	1	23	30	231	0	0	6	0	6.91	3.50	2.07	15	.0	0		7	4	4
CAMDEN 3 NW	69.3	45.6	57.5		86	2	22	30	264	0	0	5	0	3.82		1.60	23	.0	0		5	3	1
CHATOM	71.4	43.7	57.6		86	2+	21	30	255	0	0	7	0	5.90		2.11	14	.0	0		7	4	2
CLAYTON														2.10	-1.01	1.10	23	.0	0				1
OOTHAN FAA AIRPORT	72.0	49.3	60.7		87	4	30	30	203	0	0	1	0	1.55	-1.28	1.04	23	.0	0		4	1	1
ENTERPRISE	73.7	46.5	60.1		87	1	31	30	203	0	0	1	0	2.08		.89	23	.0	0		6	1	0
EUFULA	73.0M	43.5M	58.3M	1.7	87	2	25	30	260	0	0	1	0	2.89	.14	1.41	7	.0	0		3	2	2
EVERGREEN	71.1	46.2	58.7		88	2	27	30	256	0	0	5	0	3.34		.81	23	.0	0		6	3	0
FRISCO CITY	70.4	46.9	58.7		87	1	28	30+	248	0	0	4	0	3.71	-.46	1.33	14	.0	0		4	4	2
GENEVA	71.9	48.2	60.1		87	2	29	30+	222	0	0	3	0	1.80	-1.42	.59	23	.0	0		4	1	0
GILBERTOWN	69.5	44.7	57.1		88	1	21	30	266	0	0	6	0	6.85		1.95	23	.0	0		6	5	3
GREENVILLE	71.0	48.2	59.6	3.0	86	5	31	30+	215	0	0	2	0	5.69	1.76	3.11	15	.0	0		6	4	1
HEAOLANO	72.4	47.2	59.8		87	2+	29	30	219	0	0	4	0	1.58		.94	23	.0	0		5	1	0
HIGHLAND HOME	67.8	47.1	57.5	.9	84	2+	29	29	271	0	0	2	0	6.22	2.74	3.00	23	.0	0		7	2	2
LOCKHART	72.2	49.4	60.8		89	1	28	30	201	0	0	2	0	3.62		1.24	15	.0	0		6	2	2
NATCHEZ	70.9	43.7	57.3		88	1	19	30	272	0	0	8	0	3.06		1.05	23	.0	0		5	3	1
OZARK 6 NNW	72.3	47.5	59.9	1.9	90	1	26	30	220	1	0	3	0	1.96	-1.10	.57	23	.0	0		6	1	0
PHENIX CITY 2 NNW	70.9	46.7	58.8		85	1	30	30	236	0	0	2	0	1.40		.92	23	.0	0		3	1	0
PUSHMATAHA	67.9	42.8	55.4	.6	88	1	21	30	318	0	0	8	0	5.44	2.47	1.68	23	.0	0				
SEALE	72.2	44.2	58.2		88	1	24	30	250	0	0	6	0	1.44		1.13	23	.0	0		2	1	1
THOMASVILLE	66.4	44.8	55.6	-.3	85	1	26	30	310	0	0	4	0	4.94	1.33	1.96	14	.0	0		6	3	2
TROY	70.7	48.5	59.6	3.5	87	1	30	30+	222	0	0	2	0	3.02	-.35	1.10	23	.0	0		6	2	1
WHATLEY	71.3	44.1	57.7		88	1	22	30	254	0	0	7	0	5.42		1.67	23	.0	0		5	3	3
DIVISION			58.6	2.1										3.86	.43			.0					
GULF																							
BAY MINETTE	71.4	50.2	60.8		85	1	31	30	175	0	0	1	0	9.20		5.70	14	.0	0		5	4	3
CITRONELLE	69.6	49.1	59.4	1.0	83	1	30	30	212	0	0	1	0	10.30	5.81	6.69	14	.0	0		7	4	2
COEN	73.2	51.2	62.2		86	5	30	9	152	0	0	2	0	5.72		3.50	14	.0	0		4	3	2
FAIRHOPE	72.6M	51.6M	62.1M	3.6	86	4	31	30	158	0	0	1	0	4.85	1.55	2.40	14	.0	0		5	3	2
FORT MORGAN	69.7	56.7	63.2		82	2	42	30	119	0	0	0	0	5.70		3.40	14	.0	0		5	3	2
MOBILE WB AIRPORT	70.3	50.6	60.5	1.8	84	1	32	30	193	0	0	1	0	5.57	1.50	1.47	13	.0	0		7	5	3
MOBILE	70.8M	51.9M	61.4M		85	5	34	30	177	0	0	0	0	4.91		2.23	14	.0	0		5	4	2
ROBERTSOALE 1 E	72.0	48.8	60.4		87	1	30	30	204	0	0	2	0	5.23		2.90	14	.0	0		4	3	2
DIVISION			61.3	2.6										6.44	2.87			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average number of hours to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 P. CST	Trace	.01-.09	.10-.49	50-.99	1.00-1.99	2.00 and over			Total
BIRMINGHAM WB AIRPORT	N	17	10.4	40	SW	22	76	79	56	64	7	2	2	4	1	0	16	42	6.8
HUNTSVILLE WB AIRPORT	NNW	18	8.9	29++	ESE	22	78	82	58	65	2	6	5	3	0	0	16	-	6.7
MOBILE WB AIRPORT	N	25	11.3	26++	WSW	22	82	83	58	74	4	3	2	2	3	0	14	-	6.5
MONTGOMERY WB AIRPORT	NNW	12	7.5	30	W	3	80	88	59	65	7	2	4	1	1	0	15	43	6.4

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1961

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	
VILLE 1 NW	1.56				.12										.18		.05	.17							.87	.06							
SDM CENTRAL TOWER	5.50				.74	.14						.35	.50	*	1.58											2.05							
RTA	4.75				.45	.14							.04	.76	.19	.75					.14					2.28	.11						
RTVILLE 2 SE		.01						.05						.04							.04					.73	.65						
ANDER CITY 6 NE	3.24		.42	.01								.15		.03	.48	.84				T					1.30	.01							
EVILLE	4.72		.22	.90										1.17	.42	.51									1.50								
LUSIA 1 NW	6.10							T	.23					.25	2.86			.35		T	T				1.78								
STOM FAA AIRPORT	3.31		.38	.95								T	T	T	.26	.27									1.45								
Y 3 S	5.43			.76	.28							.30	.34		.30	1.26									2.11	.08							
ILLE 4 W				.49	.51									T	.16	.80																.22	
NS	4.59				.70	.69							.25	.37	.46	.06	.58	.14							1.34	.01							
NS 2	4.71				.75	.68							.27	.40	.35	.09	.69	.03			.12				1.33								
RE STATE FARM	4.99			.77	.08	T						T	.12	1.88	.12	.90	T							1.12									
RN 3 SW	2.19				.14	.10								.07	.16	T	.10							1.01	.10								
UGAVILLE 3 M	3.39				.41	.05		.45						.04	.38	.60	.52								.97	.22							
HEAD LOCK AND DAM	4.38				.77	.38								.04	.51	.03	.97								1.53	.15							
MINETTE	9.20		.85											5.70	.11	1.16								1.38									
REEN	9.52		.38	1.01	.34								.04	1.49	.15	1.10								.06	4.20	.60							
E MINA 2 M	4.22		.69		.29								.30	.32	.22	.16	.72							.17	1.35								
EMER 4 SW	5.45			.63	1.37								.03	.03	.25	.01	.82	.03						T	2.07	.20						.01	
LEMEN	5.16			.64	.77	.63								.21	.12	.58	.24	1.03						.11	.74	.09							
INGSLEY I SE	3.51			.38	.04									.16	.25	.52	.53	.14							1.39	.10							
INGHAM WB AP	4.29			.64	.76	T							.07	.18	.02	.22	.53								.79	1.08							
OP	7.39		.40	1.40	.27								.17	.75	1.02	.96									2.17	.17							
	4.10			.61	.56								.22	T	.13	T	1.30	.14						.04	.84	.26							
ILEY	4.54			.42				.63						.17	1.43	.29	.28								1.52								
TOM 3 SSE	6.91			1.61				.23						1.22	2.07		.32								1.24								
GEPORT 2 W	4.23	.13		.55	.16	.06							.09	.13	.32	.13	1.46							.18	.05	.97						T	
KWOOD	5.58			.77	.80									.44	.10	1.26									4.05	.16							
DIDGE	3.03			.23				.61					.04	.61			.42	.10							.92								
RA 2 SW	3.59			.26										.12	.14	.24	.38								2.45								
EN 3 NW	3.82		.48	.08	.01								.06	.08	.85	.13	.53								1.60								
HILL 2 NW	3.35			.28	.03									.03	.73	.04		.20							1.86	.18							
OM HILL	5.46			.80	.38								.22	.21	.51	.09	.79								2.38	.02							
ER GROVE	4.38			.56	.04	T							.67	.06	.19	.05	.96							.05	1.28	.52	T						
RE 5 SW	3.34	T		.54	.40	.05	T					.03	.25	.03	.11	.52	T	.03	T							1.38							
REVILLE	4.08			.50	.66									.01	.35	.03	.52								1.90	.11							
OM	5.90			.98	.21								.02	T	.46	2.11	.22	.88							1.42								
DEERSBURG	2.97			.50	.38									.25	.15	.34									1.15	.20							
DEERSBURG WTR PLANT	3.25		.41	.48	.29									.19	.13	.33								.01	1.41								
ONELLE	10.30		.76	.44										.27	6.69	.12	.98								1.04								
DRME	3.78			.58	T									1.33	.08	.75									1.04	T							
TOM	3.30			.54	.13								T	T	T	*	.48	.43							1.60	.12							
TOM	2.10			*		.75								.07	.21	3.50	*	.51							1.10								
M	5.72			.04										.07	.21	3.50	*	.51							1.38	.01							
EE SPRINGS 2 NW	1.51			.10	.05									T	.20	T	T	.36							.80								
ERT STEAM PLANT	7.07		.25	1.20	.36									.03	.60	1.18	.08	1.10							.07	2.16	.04						
INSVILLE	3.73	.04		.61	.16									.04	.01	.20	T	1.03	.53						.68	.43							
MBIA I E	1.41			.15				.20						.02	.08	T	.03	.08							.62	.23							
DVA	4.62			.78	.15									.15	.05	.28	.05	1.05								1.85	.26						
DNTDN	1.44			.18				.09						T	.10	.02		.09							.88	.08							
VILLE	6.84		.06	.99	.95			.03						.13	1.80	.40	.68							.03	1.80	.03							
VILLE	3.80			.57											.22	.35	.65	.40							1.65	.11							
Y 4 N	5.47		.95	.73										1.48	.24	.03	.50								1.50	.07							
ILLE	5.38			.21										.29	1.42	1.03	.10								1.87	.46							
ON	4.63			.62	.10									.05	.87	.20	.56								2.07								
TUR	4.77			.78	.17								.35	.20	.49	.05	.88	T							1.56	.13							
TUR 4	5.00			.77	.52								.34	.18	.51	.06	.84								1.50	.12							
TUR SUBSTATION	4.71			.76	.21								.39	.22	.47	.05	.82								1.53	.11							
A	2.83			.48	.09										.32	.30	.22								1.30	.12							
POLIS LOCK AND DAM	5.46			.89	.19									.05	1.45	.33	.94								1.44	.12							
AN FAA AIRPORT	1.55		.08			.14							.02		.16	.01	.10								1.04								
LE SPRINGS	5.87			.85	.27		.14							.52	.24	.35	.03	1.52							1.80	.18				.04			
ONT	3.79			.37			.35							.25	.21	.59	.07	.58							1.20								
ONT	4.51			.74	.71									.25	.21	.59	.07	.58							1.12	.11							
D	3.85			.65	.45										.70		.45								1.60								
RRPREE	2.08	T	.10	.10	T	.06	.08						.04		.16	.33	.32								.89								
ULA	2.89			.17			1.41</																										

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1961

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	
FORT MORGAN	MAX	78	82	78	78	77	74	70	68	62	62	70	78	77	75	77	72	67	61	60	64	62	75	72	64	64	72	71	65	54	63	
	MIN	68	71	60	62	68	62	57	52	45	48	55	63	70	69	67	61	53	50	52	53	45	55	59	62	51	55	60	51	44	42	
FRISCO CITY	MAX	87	86	83	80	80	85	64	72	64	64	64	68	81	77	75	75	74	63	51	63	63	62	71	60	70	72	74	72	58	54	
	MIN	62	63	67	55	57	59	48	39	28	30	38	48	61	63	65	62	42	40	42	42	35	38	46	40	41	40	51	48	30	28	
GAOSEN GAS PLANT	MAX	75	85	78	65	73	66	64	54	59	63	63	77	73	70	72	71	58	50	54	50	52	62	57	61	67	65	69	62	50	60	
	MIN	58	54	57	58	59	56	47	38	29	27	45	52	59	60	61	56	45	39	45	36	28	38	54	42	43	30	36	52	43	27	20
GAINESVILLE	MAX	87	84	85	60	62	73	58	64	58	60	58	68	77	66	70	74	72	56	53	60	58	59	68	59	66	71	73	67	53	49	
	MIN	58	64	58	52	52	51	40	37	28	30	32	44	55	61	62	54	46	41	42	42	32	33	46	37	34	33	40	45	29	24	
GENEVA	MAX	86	87	84	84	84	84	76	78	65	63	69	69	80	78	74	81	76	65	56	66	63	60	72	64	70	68	70	75	56	55	
	MIN	59	63	61	63	59	67	60	44	32	29	34	54	58	63	65	68	45	41	44	48	33	36	51	44	33	35	44	49	34	29	
GILBERTOWN	MAX	88	84	77	61	82	67	76	63	66	60	70	81	72	71	76	75	64	53	65	62	60	70	71	70	72	76	71	64	55	62	
	MIN	56	60	56	54	59	54	43	40	27	27	42	47	65	65	66	57	41	41	41	41	30	37	53	34	30	33	47	44	30	21	
GREENSBORO	MAX	85	85	79	64	82	69	71	64	65	63	72	79	71	74	76	74	63	52	63	62	62	66	67	67	70	73	67	62	53	62	
	MIN	59	63	56	54	59	55	42	36	28	31	40	52	61	62	66	55	45	40	42	41	30	42	49	39	39	44	52	42	27	24	
GREENVILLE	MAX	85	85	80	82	86	79	73	68	65	69	68	79	78	74	77	74	68	58	63	59	60	69	67	69	72	73	69	64	53	63	
	MIN	62	62	56	57	63	63	51	40	35	35	42	48	58	63	68	59	44	41	43	44	35	39	53	43	44	39	52	45	31	31	
HALEYVILLE	MAX	82	78	81	57	62	63	60	59	54	59	67	68	75	63	69	70	66	45	51	50	50	53	64	57	62	69	62	48	46		
	MIN	63	61	58	48	49	44	35	35	24	25	34	46	47	59	60	54	43	35	37	32	26	37	52	34	33	41	55	40	24	26	
HAMILTON	MAX	83	83	57	64	61	61	60	54	59	66	69	75	63	63	71	65	48	52	52	53	66	58	65	71	70	64	62	48	24		
	MIN	55	53	45	49	41	31	33	25	28	33	45	48	57	62	49	43	37	36	34	28	30	46	34	29	33	48	41	25	19		
HAYNEVILLE	MAX	87	86	86	81	80	84	67	72	62	61	67	71	71	78	76	76	72	62	51	62	59	57	69	67	67	72	71	68	54	52	
	MIN	59	61	65	57	60	61	49	36	30	27	30	41	54	61	64	67	43	39	43	42	32	33	38	36	37	37	45	44	27	26	
HEADLAND	MAX	87	87	85	84	85	85	74	80	67	66	70	73	80	79	76	82	79	65	58	60	63	60	72	67	72	69	71	74	51	52	
	MIN	61	60	60	61	60	62	61	43	35	32	43	54	55	56	65	61	45	40	42	40	32	34	43	44	36	41	43	46	32	29	
HIGHLAND HOME	MAX	84	84	83	71	81	83	67	71	61	61	67	65	80	75	74	75	71	61	50	53	57	56	66	60	67	70	71	66	54	51	
	MIN	60	61	63	57	59	63	50	38	35	35	46	51	54	60	65	66	42	40	40	42	33	36	45	42	42	42	40	46	29	30	
HUNTSVILLE W8 AP	MAX	79	84	73	66	77	58	59	53	57	68	66	77	69	71	70	70	50	52	50	47	57	60	60	59	70	67	64	48	47	60	
	MIN	63	62	53	48	51	42	36	32	26	33	48	50	61	62	63	60	38	39	39	31	28	44	47	37	32	49	45	31	24	22	
JASPER 4 N	MAX	78	84	74	60	73	60	62	56	59	65	71	76	66	70	69	70	54	52	52	51	51	65	61	62	68	69	66	55	48	57	
	MIN	51	53	52	41	55	47	36	27	24	23	35	45	57	60	62	51	44	36	37	31	24	30	51	30	28	31	44	36	25	18	
LAFAYETTE	MAX	85	85	85	78	82	76	75	61	64	70	72	78	78	78	74	71	61	52	64	56	58	65	62	64	69	64	69	58	55	60	
	MIN	50	57	60	54	60	62	50	37	28	32	46	47	55	62	60	60	42	38	44	40	29	34	48	39	36	36	47	45	28	25	
LIVINGSTON	MAX	85	84	76	60	75	62	65	60	61	59	68	76	70	71	75	61	57	62	59	60	59	67	56	67	71	74	67	56	50	60	
	MIN	59	64	56	53	58	51	40	38	28	29	38	52	64	63	67	47	41	42	42	43	31	41	53	38	33	38	53	44	29	23	
LOCKHART	MAX	89	88	84	82	85	84	70	77	64	65	71	71	82	79	74	78	74	64	54	67	64	62	72	64	71	72	74	75	55	55	
	MIN	63	63	66	60	62	65	55	42	31	35	40	55	58	64	67	71	44	41	42	46	34	39	57	42	40	38	51	50	34	28	
MADISON	MAX	83	78	80	64	65	73	64	58	52	57	63	66	75	67	69	71	67	48	51	49	48	52	60	59	60	70	65	65	47	46	
	MIN	59	59	64	47	54	45	39	32	22	31	44	47	58	59	61	53	43	35	40	33	25	35	45	34	31	39	49	36	21	21	
MARION JUNCTION 2 NE	MAX	85	89	77	67	83	74	71	63	63	66	74	78	72	75	75	74	63	51	62	59	60	67	67	69	72	73	68	60	53	62	
	MIN	57	63	57	54	58	56	45	38	28	27	38	49	60	63	67	58	42	39	45	40	30	39	51	39	35	35	51	43	27	22	
MARTIN OAM	MAX	85	82	80	80	80	78	73	66	62	67	70	78	76	73	74	70	67	57	63	59	56	67	65	64	70	64	68	64	54	61	
	MIN	58	57	60	60	63	65	53	45	38	30	41	47	47	63	61	58	49	44	47	45	37	45	52	45	42	36	48	47	33	30	
MINTER 3 NW	MAX	87	86	86	78	75	85	64	71	61	62	67	68	80	75	75	70	74	62	49	61	58	60	68	60	70	72	73	67	51	51	
	MIN	60	61	62	55	55	58	46	37	33	28	29	44	54	63	63	56	42	39	39	41	32	32	37	35	40	35	42	45	28	25	
MOBILE W8 AIRPORT	MAX	84	83	79	79	81	67	76	64	64	67	68	77	76	74	80	75	63	54	55	65	62	73	64	72	70	74	74	59	57	62	
	MIN	66	66	59	59	67	55	50	43	36	37	52	56	67	69	69	62	47	44	40	45	40	48	47	41	42	47	55	42	35	32	
MOBILE	MAX	84	80	77	80	85	82	71	62	63	67	73	76	75	73	77	77	65	56	66	64	63	71	63	70	71	74	76	56	55		
	MIN	65	67	58	67	58	58	44	38	40	43	54	67	68	69	67	47	44	44	48	41	43	53	45	46	48	58	52	38	34		
MONTGOMERY W8 AP	MAX	86	85	81	80	84	71	74	63	64	67	69	78	79	75	76	72	63	50	62	59	67	68	67	68	69	70	67	56	54	60	
	MIN	61	59	59	59	61	57	50	37	33	27	41	45	59	64	67	52	43	42	44	40	34	37	53	41	35	36	50	39	30	23	
MOULTON 2	MAX	80	82	75	62	64	62	59	54	57	66	66	77	66	70	69	71	51	50	49	51	51	63	62	62	70	67	65	53	46	60	
	MIN	66	63	53	49	52	45	34	32	24	30	44	47	60	60	62	50	43	35	41	31	24	35	49	34	30	47	52	35			

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1961

Continued

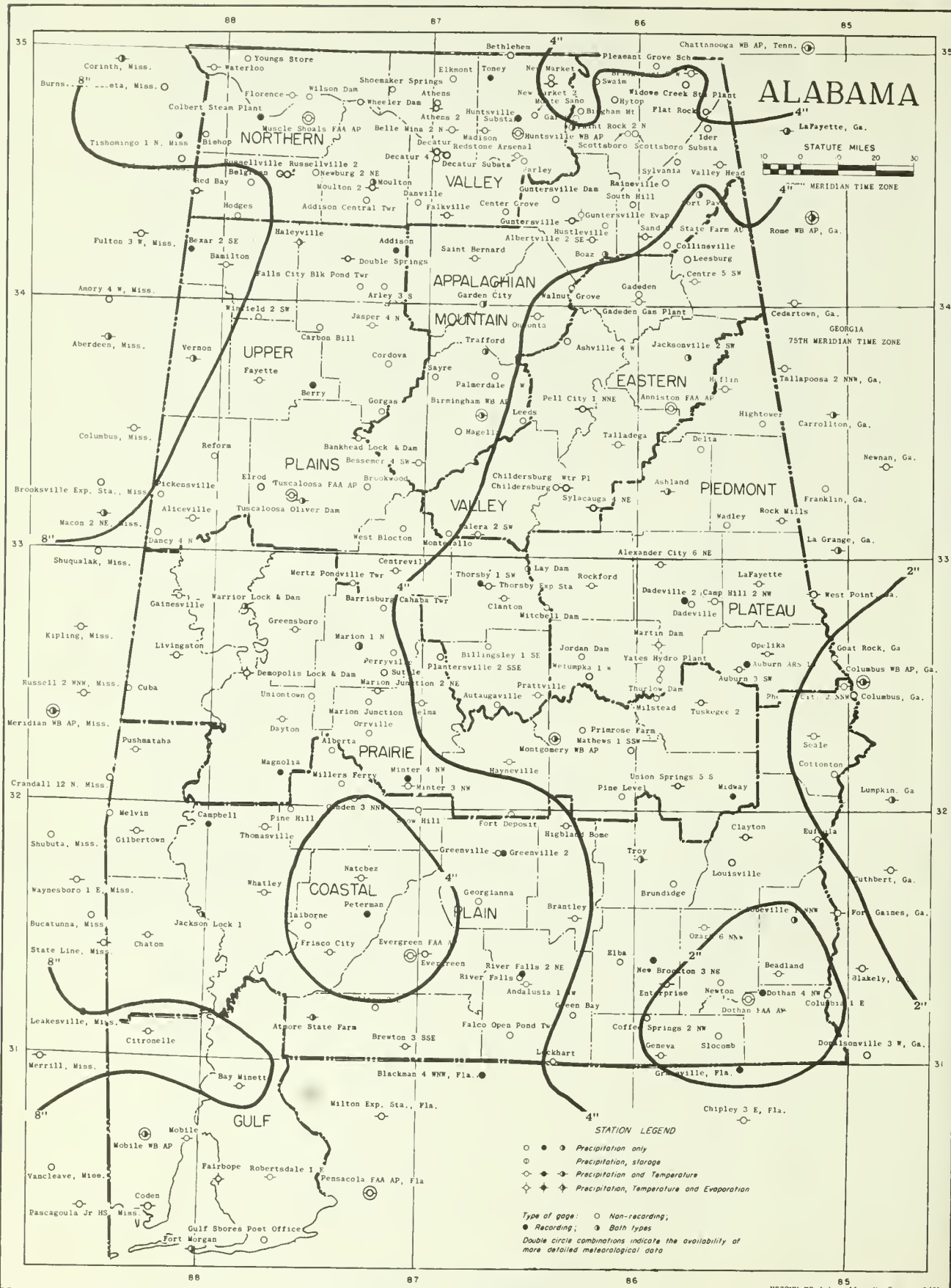
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ROBERTSDALE 1 E	MAX	87	86	83	80	83	83	68	75	64	65	70	73	81	79	75	78	73	55	63	64	67	62	76	65	70	70	74	75	59	56	72.0	
	MIN	59	60	60	57	59	62	54	43	35	31	34	51	64	66	66	68	45	44	42	48	39	40	48	42	38	42	50	50	37	30	48.8	
ROCKFORD	MAX	87	87	80	76	80	84	78	81	59	57	57	61	70	74	75	75	74	63	54	63	57	60	67	57	61	72	73	68	59	58	68.9	
	MIN	52	53	59	55	59	59	34	26	25	27	37	51	56	50	41	38	44	37	27	31	43	35	30	32	34	43	27	19	40.1			
ROCK MILLS	MAX	85	83	81	76	82	76	76	66	63	70	72	71	76	74	76	71	64	56	63	56	58	63	62	65	69	62	66	62	52	61	68.6	
	MIN	52	50	53	58	55	60	50	39	32	27	43	41	48	63	62	61	43	39	43	37	27	30	54	44	30	30	40	44	28	20	43.4	
RUSSELLVILLE 2	MAX	83	79	77	57	63	59	60	58	54	55	67	63	75	63	73	71	65	50	51	50	50	52	62	57	62	69	68	57	48	45	61.4	
	MIN	54	59	52	45	48	43	34	31	21	21	30	45	54	59	61	51	43	33	38	31	23	23	42	30	29	33	46	33	19	15	38.3	
SAINT BERNARD	MAX	81	76	82	70	62	72	66	59	52	56	68	68	77	67	71	69	69	48	52	51	55	53	63	58	61	70	68	64	48	46	63.4	
	MIN	57	56	62	49	51	49	39	35	25	28	34	42	46	59	62	54	44	37	39	32	27	28	43	38	33	34	38	37	23	23	40.8	
SAND MT STATE FARM A U	MAX	73	83	78	65	72	64	64	53	56	66	69	70	69	71	68	69	64	52	50	48	54	60	57	59	67	63	66	57	48	57	63.1	
	MIN	61	59	56	52	60	52	44	34	24	32	42	44	52	64	65	57	39	37	41	40	28	37	49	35	33	41	52	32	22	22	45.1	
SCOTTSBORO	MAX	80	85	76	64	76	58	64	58	60	69	67	76	69	68	70	69	53	56	50	48	56	60	58	62	70	66	66	51	52	64.0		
	MIN	53	54	54	42	53	54	42	33	24	24	32	46	46	60	63	56	43	37	40	30	24	24	44	34	29	30	41	24	22	39.8		
SEALE	MAX	88	85	87	86	85	76	79	67	65	74	73	81	79	75	79	74	67	57	66	61	60	71	68	69	71	68	68	64	59	64	72.2	
	MIN	54	52	57	60	57	64	55	38	30	25	40	47	52	64	65	57	39	37	41	40	28	33	52	43	32	34	40	38	29	24	44.2	
SELMA	MAX	86	86	80	69	84	77	70	65	62	68	70	75	74	75	75	72	67	55	62	58	58	68	68	69	70	71	68	64	52	58	65.2	
	MIN	61	61	66	56	60	60	47	38	32	30	42	50	61	64	68	60	41	41	46	43	34	40	57	41	36	39	50	48	30	27	47.6	
SYLACAUGA 4 NE	MAX	82	82	77	74	82	71	69	59	61	68	69	75	74	74	72	72	61	54	59	55	61	65	66	65	71	68	65	58	52	61	67.4	
	MIN	55	57	59	55	60	58	50	31	27	26	40	43	61	63	65	58	47	38	46	38	25	35	33	35	30	35	49	45	28	20	44.4	
TALLADEGA	MAX	81	82	79	73	81	71	67	58	59	66	69	78	74	75	74	71	61	51	57	52	55	66	64	62	70	65	66	60	49	61	66.6	
	MIN	56	56	58	56	59	56	48	31	28	27	43	43	57	63	62	56	44	38	42	38	27	36	53	34	31	35	44	41	26	22	43.7	
THOMASVILLE	MAX	85	84	84	70	64	80	60	68	60	60	61	69	77	70	72	75	70	60	48	60	58	58	68	58	66	68	71	67	50	50	66.4	
	MIN	60	63	64	55	55	55	43	37	29	30	36	48	55	63	64	58	42	39	41	41	33	35	40	40	38	39	41	47	28	26	44.8	
TMOBSY EXP STATION	MAX	79	84	78	69	80	71	68	59	61	64	71	75	71	73	70	71	64	52	60	55	58	65	65	66	70	68	67	59	52	59	66.8	
	MIN	58	61	56	54	59	55	44	37	29	31	40	47	59	62	64	53	43	38	44	39	30	38	49	39	38	38	51	42	27	27	45.1	
TROY	MAX	87	84	82	85	85	75	76	64	64	70	67	79	78	75	78	71	64	54	65	62	60	72	65	70	72	70	70	60	54	63	70.7	
	MIN	60	62	60	58	64	62	53	40	34	34	40	55	59	64	65	68	43	40	43	42	34	40	51	42	40	43	53	45	30	30	48.5	
TUSCALOOSA FAA AIRPORT	MAX	80	86	74	61	80	60	68	61	61	61	71	79	70	74	74	74	57	55	59	57	57	69	61	68	73	71	67	56	52	59	66.5	
	MIN	58	61	55	55	59	50	42	38	28	29	45	48	65	64	68	47	41	42	41	37	30	39	44	36	34	36	51	37	29	24	44.4	
TUSKEGEE 2	MAX	85	83	81	81	82	75	75	62	62	69	69	79	77	73	74	72	63	51	62	57	58	68	65	68	68	64	67	62	55	61	68.9	
	MIN	58	59	60	59	64	65	52	41	34	31	42	53	57	63	64	56	43	39	45	42	32	39	51	42	35	40	47	47	30	27	47.2	
UNION SPRINGS 5 S	MAX	85	86	85	79	82	84	72	74	62	62	72	72	81	79	78	76	73	66	62	62	60	59	69	62	68	66	70	73	61	58	71.3	
	MIN	60	62	64	58	58	67	52	39	34	27	40	48	56	62	63	65	42	39	41	40	31	36	50	41	35	35	41	45	28	22	46.0	
VALLEY MEAD	MAX	83	81	84	80	68	70	60	65	56	58	68	68	75	70	71	70	70	53	54	50	48	55	58	57	60	68	64	65	51	50	64.3	
	MIN	50	50	58	52	46	54	46	26	20	17	23	45	56	58	58	64	43	31	40	25	20	21	41	35	26	26	52	38	16	18	38.5	
VERNON	MAX	78	82	84	59	62	66	65	65	60	64	65	72	77	64	69	73	69	53	55	56	57	57	67	57	68	72	71	64	55	52	65.3	
	MIN	55	63	55	44	45	45	34	26	21	25	30	41	49	59	59	51	45	39	42	35	27	28	47	33	33	38	48	43	27	21	40.3	
WATERLOO	MAX	83	80	82	83	60	61	59	58	58	56	66	66	76	63	72	72	72	48	58	63	61	51	63	57	62	65	68	69	61	47	64.7	
	MIN	57	62	59	42	49	49	30	31	19	31	36	43	50	62	61	51	44	39	36	30	23	27	48	30	31	35	38	40	30	12	39.8	
WMTLEY	MAX	88	86	78	79	85	77	72	63	65	67	70	81	73	76	77	76	67	57	65	64	63	70	70	70	72	74	72	66	54	63	71.3	
	MIN	55	60	54	53	55	58	45	39	27	25	37	44	63	64	63	61	40	40	42	38	32	36	52	36	31	32	42	47	30	22	44.1	

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	
DEMOPOLIS LOCK & DAM	EVAP	.10	.11	*	*	.22	.02	.02	.17	.29	.18	*	*	*	.02	.02	.01	.25	.11	.03	.07	.15	.10	.00	.06	.03	.05	.10	.20	.06	.04	-	B2.46
	WIND	33	46	152	96	40	81	114	114	95	51	11	43	55	64	50	98	66	132	43	59	69	36	230	30	39	26	47	90	100	57	2167	
FAIRHOPE	EVAP	.07	.10	.07	.01	.08	.09	.10	.15	.09	.05	.04	.04	.06	-	.03	.09	.08	.04	.06	.05	.06	.11	.10	.03	.03	.03	.02	.07	.07	.06	B1.94	
	WIND	35	27	47	20	58	*	45	43	23	23	8	30	33	46	11	43	34	12	9	14	13	40	91	18	6	13	32	24	21	13	832	
MARTIN DAM	EVAP	.20	.13	.07	-	.13	.11	.18	.16	.25	.11	.08	.05	.08	.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	10	30	70	30	30	72	108	165	53	86	16	20	30	20	20	4	123	92	16	79	86	40	50	90	40	15	7	130	48	40	1620	

TOTAL PRECIPITATION

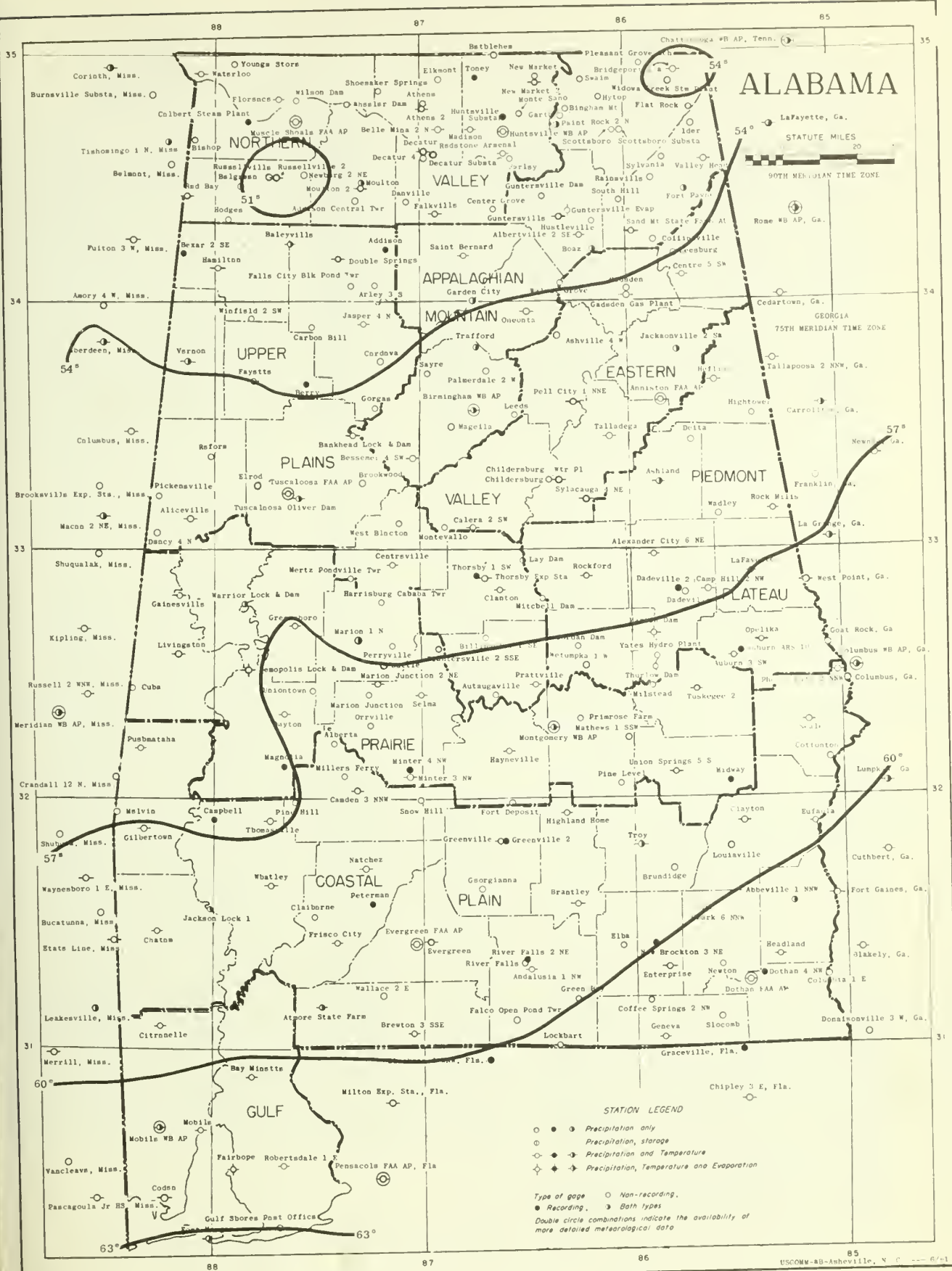
ALABAMA
NOVEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
NOVEMBER 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
NOVEMBER 1961

STATION	COUNTY	INDEX NO.	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	STATION	COUNTY	INDEX NO.	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER			
							TEMP.	PRECIP.	EVAP.									TEMP.	PRECIP.	EVAP.				
ABBEVILLE 1 NW	0008 HENRY	41 35	85 15	465	7A	C	JOHN S. RICHBURG	LAY DAM	4603 CHILTON	7 32 58	86 31	626	6A	C	ALABAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ADAMS CENTRAL TOWER	0063 WINSTON	34 13	87 11	795	7A	C	PALMER GOOSEY	LAY DAM	4619 JEFFERSON	3 33 33	86 33	630	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ALBERTA	0140 WILCOX	31 24	87 25	175	8A	C	SIDNEY J. HARTY, SR.	LEESBORO	4627 CHEROKEE	7 34 11	85 46	589	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ALBERTVILLE 2 SE	0148 MARSHALL	12 34 14	86 10	114	5A	5A	JESSE M. CULP	LIVINGSTON	4798 SUMNER	13 32 58	88 11	160	7P	7P	H	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ALEXANDER CITY & NE	0163 TALLAPOOSA	11 32 59	85 52	660	5P	5P	DOUGLAS M. SANFORD	LOCKHART	4822 COVINGTON	9 31 21	86 22	290	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ALICEVILLE	0178 PICKENS	13 33 07	88 07	140	7A	7A	MRS. MARY J. HERNDON	LOUISVILLE	4884 BARBOUR	5 31 46	85 33	470	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ANDALUSIA 1 NW	0252 COVINGTON	6 31 30	86 20	84	6A	6A	J. O. GILLIS	MAISON	4976 MADISON	12 34 42	86 45	573	9A	9A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ANNISTON FAA AP	0232 CALHOUN	7 33 35	85 51	599	MID	MID	FED. AVIATION AGENCY	MAGELLA	4998 JEFFERSON	3 33 30	86 51	654	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ARLEY 3 S	0238 WINSTON	2 34 05	87 13	500	7A	7A	MRS. GORA R. DAVIS	MAGNOLIA	5006 WARENGO	3 32 08	87 39	620	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.
ASHLAND	0369 CLAY	11 33 16	86 59	1060	6P	6P	HENRY L. MCQUEEN	MARION 1 N	5108 PERRY	3 32 28	87 18	210	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
ASHVILLE 4 W	0377 CL. CLAIR	12 34 48	86 59	1069	7A	7A	JOHN T. SWINDALL	MARION JUNCTION	5131 DALLAS	3 32 26	87 14	204	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
ATHENS	0390 LIMESTONE	12 34 48	86 59	1069	7A	7A	ATMORE STAITE FARM	MARTON JUNCTION 2 NE	5124 DALLAS	3 32 28	87 13	200	6P	6P	H	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
ATHENS 2	0395 LIMESTONE	12 34 48	86 59	1069	7A	7A	HRS. STATION #JHW	MATHE DAM 1 SW	5140 ELMORE	11 32 40	85 55	355	6P	6P	H	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
ATMORE STATE FARM	0402 ESCAMBA	12 34 48	86 59	1069	7A	7A	MRS. MARTHA J. MOORE	MELVIN	5354 CHOCTAW	13 31 56	88 27	350	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
AUBURN 3 SW	0422 LEE	11 32 36	85 31	730	8A	8A	AGRI. RESEARCH SERVICE	MELVIN	5382 BIBB	3 32 53	87 20	200	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
AUBURN ARS 10	0427 LEE	11 32 36	85 31	730	8A	8A	J. O. NEIGHBORS	MERCY PONDVILLE TOWER	5397 BULLOCK	3 32 24	85 32	490	6A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
AUTAUUGVILLE 3 N	0440 AUTAUGA	11 32 28	86 41	200	6A	6A	CORPS OF ENGINEERS	MILLERS FERRY	5417 WILCOX	1 32 06	87 22	78	5A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BANKHEAD LOCK AND DAM	0505 TUSCALOOSA	2 33 29	87 20	280	7A	7A	H. W. NEIGHBORS	MILSTEAD	5439 MACON	11 32 27	85 54	206	9A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BAY MINETTE	0543 BALDWIN	9 30 53	87 28	768	7P	7P	W. S. NEIGHBORS	MINTER 3 NW	5449 DALLAS	1 32 06	87 03	370	7A	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BELGREEN	0631 FRANKLIN	12 34 28	87 52	810	7A	7A	W. S. NEIGHBORS	MINTALDA 4 NW	5465 CHILTON	7 32 46	86 27	350	6A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BELLE MINA 2 N	0655 LIMESTONE	12 34 42	86 53	600	5P	5P	ALBAMA UNIVERSITY	MICHELL DAM	5478 MOBILE	9 30 41	88 15	211	MID	MID	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BERRY	0748 FAYETTE	2 33 40	87 36	452	6P	6P	MISS CLARA R. OLIVE	MOBILE WB AIRPORT	5483 MOBILE	9 30 41	88 03	7	8A	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BESSMER 4 S	0757 JEFFERSON	13 34 07	87 53	601	6A	6A	JAMES L. MC CRAY	MONTE SANO	5529 MADISON	12 34 45	86 31	1600	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BETHLEHEM	0776 MADISON	12 34 59	86 38	875	7A	7A	OSCAR W. LOCKRIDGE	MONTE SANO	5537 SHELBY	12 34 45	86 31	1600	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BEXAR 2 SE	0790 MARION	13 34 10	88 07	570	7A	7A	JOHN R. THOMAS	MONTGOMERY WB AP	5550 MONTGOMERY	1 32 18	86 24	195	MID	MID	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BILLINGSLEY 1 SE	0823 AUTAUGA	1 32 39	86 42	420	6A	6A	JOHN R. THOMAS	MOUTON	5625 LAWRENCE	12 34 29	87 17	660	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BINGHAM MOUNTAIN	0826 JACKSON	12 34 46	86 17	1640	7A	7A	W. S. NEIGHBORS	MOUTON 2	5635 LAWRENCE	12 34 29	87 17	660	8A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BIRMINGHAM WB AP	0831 JEFFERSON	12 34 46	86 17	1640	MID	MID	CORPS OF ENGINEERS	MOUNTAIN SHOALS FAA AP	5785 MONROE	12 34 33	87 07	536	MID	MID	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	
BISHOP	0854 COLBERT	12 34 39	88 07	470	7A	7A	W. S. NEIGHBORS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BLOOMINGDALE	0867 MARSHALL	12 34 39	88 07	470	7A	7A	W. S. NEIGHBORS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BRANTLEY	1049 CRENshaw	5 31 35	86 24	274	8A	8A	H. R. HENDERSON	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BREWTON 3 SE	1084 ESCAMBA	6 31 04	87 03	65	6A	6A	MISS CLARA T. PEAY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BRIDGEPORT 2 W	1099 JACKSON	12 34 56	85 45	660	5P	5P	MRS. M. LOUISE JONES	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BROOKWOOD	1173 TUSCALOOSA	2 33 16	87 17	605	7A	7A	MRS. WILLIE M. STYRON	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
BUNNEDGE	1297 PIKE	11 33 05	86 49	565	5A	5A	W. S. NEIGHBORS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CAHOONA 2 SW	1288 SHELBY	7 33 05	86 44	540	5P	5P	M. PIERCE A. GARRETT	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CAMDEN 3 NW	1301 WILCOX	1 32 02	87 20	225	5P	5P	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CAMPBELL	1315 CLARKE	13 32 07	85 59	93	7A	7A	JOHN R. THOMAS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CAMP HILL 2	1324 TALLAPOOSA	11 32 50	85 41	880	6A	6A	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CAMP HILL CENTER GROVE	1377 WALKER	12 34 30	85 41	880	6A	6A	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CANTON	1492 MORGAN	12 34 36	86 38	780	7A	7A	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CANTON 5 W	1512 CHEROKEE	7 34 06	85 45	620	7A	7A	DON R. WATSON	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CENTREVILLE	1520 BIBB	3 32 57	87 08	230	7A	7A	W. S. NEIGHBORS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CHICKASAW	1563 WASHINGTON	12 34 39	86 17	1640	7A	7A	W. S. NEIGHBORS	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CHILDRERS	1615 TALLAPOOSA	7 33 17	86 21	480	6A	6A	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CHILDRERS WTR PLANT	1620 TALLAPOOSA	7 33 17	86 20	480	5P	5P	ALBAMA UNIVERSITY	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CHIRONOLE	1685 MOBILE	9 31 05	88 14	331	6P	6P	MRS. ESTHER A. M. JONES	NEW BROCKTON	5842 COFFEE	5 31 24	85 56	400	7A	C	ALBAMA POWER CO.	ALBAMA POWER CO.	6A	7A	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.	ALBAMA POWER CO.		
CHIRONOLE	1690 MOBILE	9 31 05	88 14	331	6P	6P	MRS. ESTHER A. M. JONES	NEW BROCKTON	5842 COFFEE	5 31 24														

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



DECEMBER 1961

Volume 67 No. 12



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 11th at Brewton 3 SSE and Enterprise

Lowest Temperature: 8° on the 30th at Russellville 2

Greatest Total Precipitation: 20.65 inches at Prattville

Least Total Precipitation: 5.04 inches at Brantley and Newton

Greatest One-Day Precipitation: 10.18 inches on the 10th at Jackson

Greatest Reported Total Snowfall: 2.0 inches at Valley Head

Greatest Reported Depth of Snow on Ground: 2 inches on the 30+ at
Valley Head

SPECIAL WEATHER SUMMARY

December 1961, proved to be the wettest December of record over most of Alabama. At Montgomery it was the wettest December in some 90 years of record, 1872-1961, with a monthly total of 11.35 inches, or 250% of normal. Previous wettest December was in 1941 when 10.32 inches were recorded. At Millbrook, just across the Alabama River north of Montgomery, an unofficial but authentic record, 23.54 inches occurred during the month.

At Birmingham the December total was 13.98 inches, or 266% of normal, making it the wettest December of record, 1895-1961. Previous wettest December at Birmingham was in 1932 when 13.85 inches were recorded. Flash-flooding occurred on the 11th and 17th but not as severe as the flooding of February, 1961.

At Mobile 13 consecutive days of rainfall during mid-December caused local and regional flooding with minor damage. The monthly total of 10.92 inches was 202% of normal.

Runoff was excessive. Monthly discharge at the index station at Centreville, Ala.,

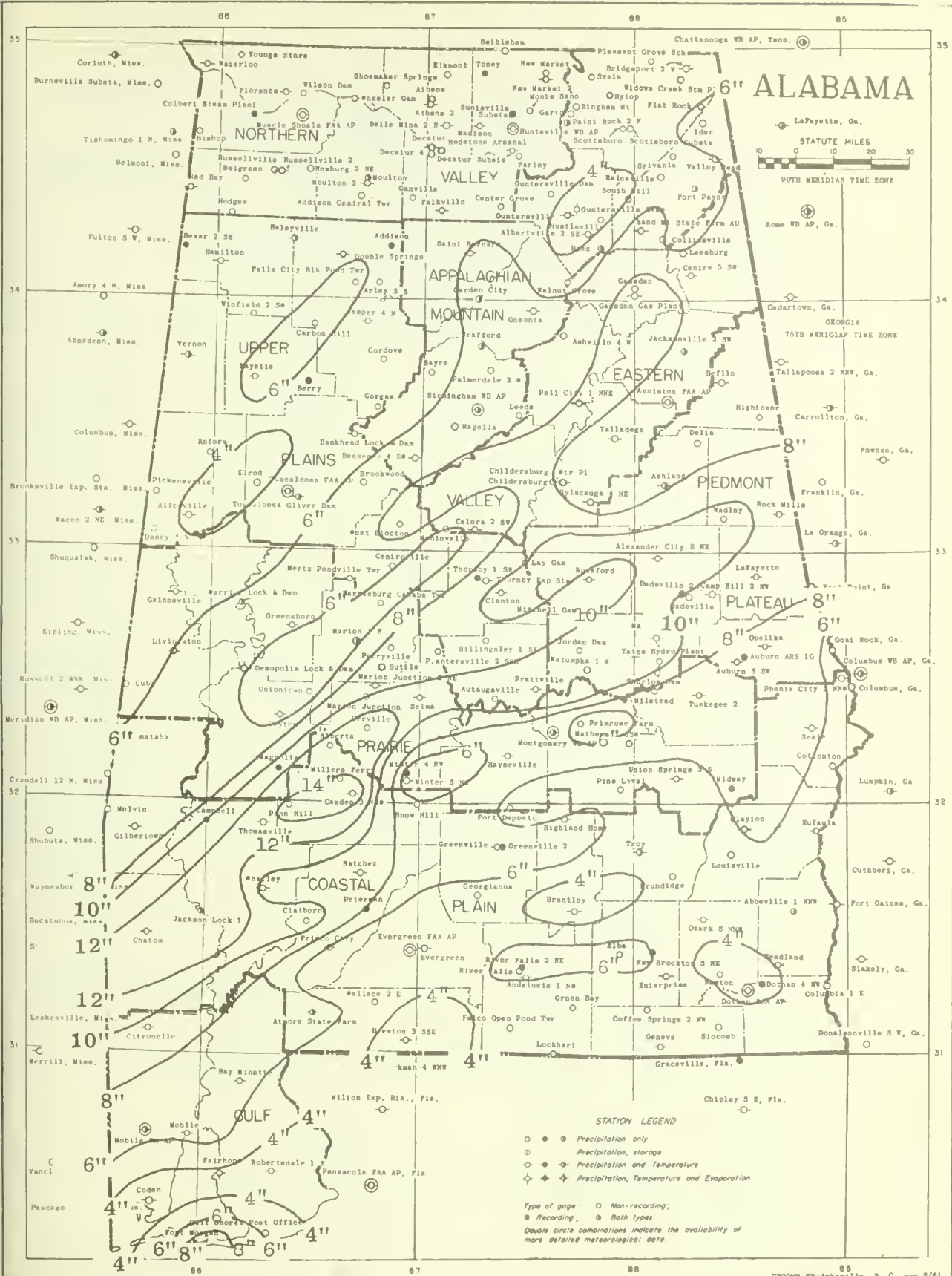
on the Cahaba River, where record began in 1935, was record high for December. Heavy rainfall during two storm periods, December 9-13 and December 14-18, occurred over most of the state with 15 to 20 inches in some localities. These heavy rains caused considerable local flooding on small streams and moderate to heavy flooding on most of the major rivers.

On the 9th and 10th very heavy rains of 6 to more than 10 inches fell in less than 24 hours in Autauga, Clark, Chilton, Dallas, Elmore, and Wilcox Counties. These heavy rains caused rapid flooding of small streams and lowland areas. Considerable damage occurred to county roads and bridges. Some residences were flooded. The Arlington and Kimbrough Communities in Wilcox County were flooded.

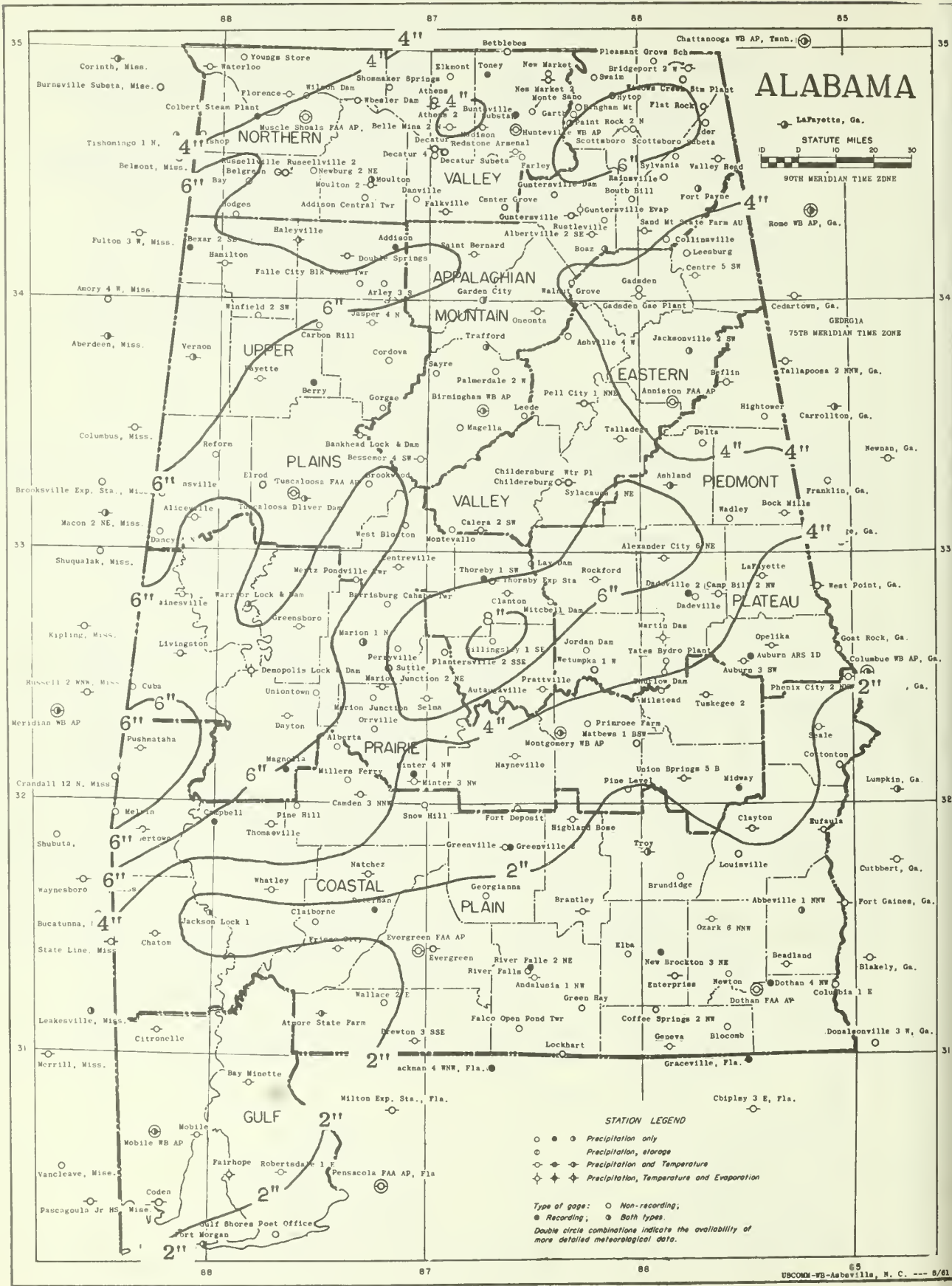
Local flooding occurred in many of the north-central counties from heavy rains of 4 to 6 inches on the 11th and 12th and in the north and central counties again on the 17th and 18th.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

STORM RAINFALL, DECEMBER 9 - 13, 1961



STORM RAINFALL, DECEMBER 14 - 18, 1961



CLIMATOLOGICAL DATA

ALABAMA
DECEMBER 19

CONTINUED

Station	Temperature														Precipitation								
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days 1.0 or More .50 or More		
										90° or Above	31° or Below	31° or Below	0° or Below					Total	Total	Max. Depth on Ground		Date	
																							Mo. x
MARION JUNCTION 2 NE	59.4	39.3	49.4		78	4	17	30	478	0	0	10	0	17.15		4.82	10				14	9	7
MINTER 3 NW	59.3	36.4M	47.9M		78	12	18	30+	531	0	0	14	0	16.14		8.00	10				12	7	5
MONTGOMERY WB AP	59.9	40.9	50.4	1.0	80	11	21	30	453	0	0	8	0	11.35		2.28	12				12	7	6
SELMA	60.2	41.5	50.9	.0	76	4	21	30	434	0	0	9	0	18.14	12.65	7.08	10				12	6	8
TUSKEGEE 2	59.5	39.9	49.7		77	11	18	30	471	0	0	9	0	10.89		3.37	10				11	5	4
UNION SPRINGS 5 S	60.0	37.0	48.5	- 2.0	79	12	17	30	505	0	0	13	0	8.99	4.31	2.07	11				13	6	3
DIVISION			49.1	- .8										13.45	8.29								
COASTAL PLAIN																							
ANDALUSIA 1 NW	63.0	39.3	51.2		80	12	21	29+	439	0	0	11	0	8.58		3.33	11				12	5	2
ATMORE STATE FARM	64.2	42.6	53.4		79	11	22	29	367	0	0	9	0	9.80		3.15	10				11	5	3
BRANTLEY	62.8	37.0	49.9		80	12	16	30+	478	0	0	14	0	5.04	.17	1.51	11				8	3	2
BREWTON 3 SSE	65.8	41.4	53.6	1.7	81	11	18	29	371	0	0	9	0	5.97	1.12	1.68	11				7	4	3
CAMDEN 3 NW	61.4	40.8	51.1		78	11	19	29	429	0	0	9	0	19.86		9.20	10				12	7	5
CHATAM	63.6	38.0	50.8		80	4+	17	29	439	0	0	11	0	18.50		6.13	10				14	7	5
CLAYTON														10.87	5.95	5.00	12				11	8	2
DOTHAN FAA AIRPORT	62.6	42.6	52.6		79	11	22	30	391	0	0	8	0	6.43	2.02	1.91	10				8	4	2
ENTERPRISE	64.1	40.8	52.5		81	11	22	25+	393	0	0	8	0	6.99		1.80	10				11	4	2
EUFULA	63.6	36.9	50.3	- 1.0	80	12	19	30	459	0	0	13	0	5.61	.41	1.93	13				6	3	2
EVERGREEN	62.7M	38.9M	50.8M		80	12	19	30+	453	0	0	13	0	6.47		2.06	13				10	4	2
FRISCO CITY	61.9	40.5	51.2		80	12	20	29	433	0	0	10	0	9.03	3.15	2.70	10				10	7	2
GENEVA	63.3	40.5	51.9		79	12	20	30	419	0	0	12	0	5.67	1.20	2.57	11				6	3	2
GILBERTOWN	62.5	38.5	50.5		79	2	16	29	444	0	0	11	0	15.64		3.80	10				12	9	4
GREENVILLE	63.2	42.6	52.9	1.5	78	11+	20	30+	386	0	0	9	0	12.44	6.86	4.48	10				11	6	4
HEADLAND	63.0	40.5	51.8		80	12	23	29	418	0	0	10	0	6.62		2.61	11				9	4	2
HIGHLAND HOME	59.0	39.3	49.2	- 2.2	77	12	18	29	490	0	0	10	0	10.57	5.21	4.00	10				10	6	2
LOCKHART														6.29		2.17	13				9	3	2
NATCHEZ	63.2	39.7	51.5		79	11	16	29	424	0	0	11	0	12.61		4.30	10				12	7	4
OZARK 6 NNW	62.3	39.5	50.9	- 1.9	80	12	20	29	443	0	0	11	0	6.70	1.83	2.36	11				9	4	3
PHENIX CITY 2 NNW	58.6	37.5	48.1		77	12	21	30+	520	0	0	12	0	7.10		1.60	13				12	4	4
PUSHMATAHA	59.3M	35.4	47.4M	- 1.8	78	5	17	29	547	0	0	16	0	13.19	8.30	2.55	10				13	9	4
SEALE	61.5	38.3	49.9		80	3	22	29	288	0	0	7	0	7.53		2.00	15				9	5	2
THOMASVILLE	58.6	38.3	48.5	- 2.0	75	12+	18	29	512	0	0	14	0	18.20	12.50	3.29	12				10	5	4
TROY	61.3	42.4	51.9	1.1	79	11	20	29	410	0	0	7	0	6.51	1.67	6.29	10				8	7	5
WHATLEY	64.2M	39.6M	51.9M		79	3	17	29	404	0	0	12	0	14.14		6.03	10				11	9	3
DIVISION			51.0	- .5										9.90	4.65								
GULF																							
BAY MINETTE	64.6	44.8	54.7		80	11	22	29	339	0	0	8	0	10.10		2.81	12						
CITRONELLE	66.3M	45.0M	55.7M	2.3	78	5+	22	29	295	0	0	6	0	12.46	6.47	4.74	10				13	7	2
CODEN	67.6	45.4	56.5		80	3	22	29	288	0	0	7	0	7.53		2.00	15				9	5	2
FAIRHOPE 2 NE	66.0	46.6	56.3	2.3	80	11	28	29+	296	0	0	7	0	8.97	3.76	2.34	15				10	5	4
FORT MORGAN	64.6	51.2	57.9		75	11+	33	29	244	0	0	0	0	12.25		5.95	10				8	5	3
MOBILE WB AIRPORT	64.2	45.5	54.9	1.4	79	6	26	29	339	0	0	6	0	10.92	5.51	3.60	10				9	7	4
MOBILE	62.8	45.5	54.2		78	7	29	29	350	0	0	5	0	10.94		3.50	10				10	7	4
ROBERTSDALE 1 E	64.8	42.0	53.4		79	12	24	29	383	0	0	11	0	7.19		1.95	11				8	6	3
DIVISION			55.5	1.5										10.05	4.64								

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average
	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BIRMINGHAM WB AIRPORT	NNW	10	9.1	38	SW	12	76	80	63	70	2	5	4	3	2	2	18	38	6.
HUNTSVILLE WB AIRPORT	ESE	14	8.3	35++	ESE	9	79	82	66	71	5	5	4	3	1	3	21	-	7.
MOBILE WB AIRPORT	S	10	11.4	34++	N	31	85	88	65	75	4	3	2	3	2	2	16	-	5.
MONTGOMERY WB AIRPORT	NW	10	8.0	25	SW	11+	83	86	68	74	1	3	5	1	5	1	16	45	6.

See Reference Notes Following Station Index

DAILY PRECIPITATION

ALABAMA
DECEMBER 1961

Table with columns for Station, Total, and Day of month (1-31). Rows list various stations such as BEVILLE 1 NW, BERTVILLE 2 SE, and others, with corresponding precipitation values for each day.

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
DECEMBER 1961

Table with columns: Station, Day Of Month (1-31), Average. Rows include stations like LBERTVILLE 2 SE, LEXANDER CITY 6 NE, LICEVILLE, etc. Each station entry has 'MAX' and 'MIN' values for each day, and an 'Average' at the end.

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
DECEMBER 1961

Continued

Table with columns for Station, Day Of Month (1-31), MAX, MIN, and Average. Rows include stations like REO BAY, REOSTONE ARSENAL, ROBERTSOLA 1 E, etc.

EVAPORATION AND WIND

Table with columns for Station, Day of month (1-31), EVAP, WIND, Total or Avg. Rows include stations like DEMOPOLIS LOCK AND OAM, FAIRHOPE 2 NE, etc.

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

ALABAMA
DECEMBER 1961

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			
ANNISTON FAA AIRPORT	SNOWFALL SN ON GND																														T	T	T		T
BELLE MINA 2 N	SNOWFALL SN ON GND																													T					
BESSEMER 4 SW	SNOWFALL SN ON GND																										T							T	
BIRMINGHAM WB AIRPORT	SNOWFALL SN ON GND																								T				T						
BRIDGEPORT 2 W	SNOWFALL SN ON GND																								T										
CENTRE 5 SW	SNOWFALL SN ON GND																									T							T		
DECATUR	SNOWFALL SN ON GND																										T	T					T		T
DOUBLE SPRINGS	SNOWFALL SN ON GND																									T								T	
GAINESVILLE	SNOWFALL SN ON GND																																	T	
GREENSBORO	SNOWFALL SN ON GND																																T		
HAMILTON	SNOWFALL SN ON GND																																	T	
HUNTSVILLE WB AIRPORT	SNOWFALL SN ON GND																									T	T		.6	T					.1
MADISON	SNOWFALL SN ON GND																									T								T	
MOULTON 2	SNOWFALL SN ON GND																										T								T
NEW MARKET 2	SNOWFALL SN ON GND																									T									T
ONEONTA	SNOWFALL SN ON GND																																	.5	
REGSTONE ARSENAL	SNOWFALL SN ON GND																																	T	
RUSSELLVILLE 2	SNOWFALL SN ON GND																												T						T
SAINT BERNARD	SNOWFALL SN ON GND																										T	T							
SAND MT STATE FARM	SNOWFALL SN ON GND																																		1.0
SCOTTSBORO	SNOWFALL SN ON GND																																		T
VALLEY HEAD	SNOWFALL SN ON GND																																	2.0	
WATERLOO	SNOWFALL SN ON GND																																	2	1

CLIMATOLOGICAL DATA

ALABAMA
DELAYED DATA

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	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	32° or Below	32° or Below	0° or Below											
JUNE 1961 SAINT BERNARD	82.7M	61.0M	71.9M	- 4.8	91	5	53	18	12	5	0	0	0	3.65	.01	1.56	21	.0	0			8	2	1
JULY 1961 ASHLAND	88.5	64.0	76.3		92	29+	57	5	0	14	0	0	0	4.66		1.04	13	.0	0			11	3	1
AUGUST 1961 ASHLAND	85.2	64.6	74.9		92	29	58	20	0	4	0	0	0	3.87		1.92	31	.0	0			6	3	1
NOVEMBER 1961 TUSCALOOSA OLIVER DAM	66.0	42.4	54.2	- 1.4	85	3+	23	30	337	0	0	7	0	5.90	2.27	1.97	23	.0	0			6	5	2

DAILY PRECIPITATION

Station	Day of month																															Total			
	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				
JUNE 1961 SAINT BERNARD						.02	.02	.01	.17	.22	.12	.40	.01	.01	.19	T	T			.13	1.56	.01		.02		.76									3.65
JULY 1961 ASHLAND	.15		.22			.20				.77	.39	1.04	.38		.14	.13			.32	.05	.82	.05					T								4.66
MELVIN				.38						.94	.74	.17	.37		.10						.18				.42										3.30
AUGUST 1961 ASHLAND		.81	T			T	.67	T	.04						T					T		.16	.01	T	.02	.13	.11	T					1.92	3.87	
BINGHAM MOUNTAIN			.05					1.80	.02						.05	.29					.36		.60												3.17
SEPTEMBER 1961 BINGHAM MOUNTAIN	5.60											.29	.24																						6.13
NOVEMBER 1961 BINGHAM MOUNTAIN	.55			.58	.05						*	*	*	*	*					*		2.87													4.05
TUSCALOOSA OLIVER DAM				.74	1.02							.03	.79	.09	.94								1.97	.32											5.90

DAILY TEMPERATURES

ALABAMA
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			
JUNE 1961																																		
SAINT BERNARD	MAX	86	88	90	91	90	83	88	87	88	87	90	90	89	87	85	63	65	78	80	66	73	80	79	84	83	73	83	85	87			82.7	
	MIN	54	54	64	65	64	59	63	66	66	65	64	66	68	68	55	56	53	54	64	62	59	56	59	63	61	57	56	63	65			61.0	
JULY 1961																																		
ASHLAND	MAX	90	88	87	88	90	90	85	85	86	87	80	82	87	88	88	90	89	89	91	89	89	91	90	90	91	90	91	92	92	90	89	88.5	
	MIN	62	62	64	60	57	61	62	61	63	61	61	63	65	67	65	66	65	65	66	63	65	66	68	67	65	67	65	65	66	66	65	64.0	
AUGUST 1961																																		
ASHLAND	MAX	89	88	90	86	88	85	77	80	87	87	88	89	88	87	82	86	85	85	82	81	83	83	78	78	76	87	91	92	90	88	85.2		
	MIN	68	70	68	69	60	69	66	65	65	66	66	67	66	62	67	65	60	59	62	58	60	60	61	64	65	65	63	64	67	67	69	64.6	
NOVEMBER 1961																																		
TUSCALOOSA OLIVER DAM	MAX	85	80	85	74	61	77	59	66	59	60	61	69	78	70	72	74	70	54	53	57	55	57	69	59	65	71	70	65	54	50	66.0		
	MIN	55	59	64	51	53	52	40	36	26	28	28	45	49	59	60	56	46	39	43	40	31	34	43	36	32	36	40	41	28	23	42.4		

CORRECTIONS

ANNUAL: 1957

Total Precipitation and Departure Table (Annual)
Slocomb

Total precipitation should be 43.43.

MONTH: MARCH THROUGH SEPTEMBER 1961

Climatological Data Table:
Camden 3 NW

Data published under the name of Camden 3 NNW should have been Camden 3 NW.

Daily Precipitation Table:
Camden 3 NW

Data published under the name of Camden 3 NNW should have been Camden 3 NW.

Daily Temperature Table:
Camden 3 NW

Data published under the name of Camden 3 NNW should have been Camden 3 NW.

MONTH: MAY 1961

Climatological Data Table:
Asbland

Average maximum temperature should be 80.1. Average temperature should be 66.6. Highest temperature and date, 88 on 31+. No. of days with maximum temperature 90° or above should be 0.

Baleyville

Correct as follows: average maximum, 77.5; average temperature, 65.1; highest temperature and date, 86 on 8; total degree days, 79; no. of days with maximum temperature 90° or above should be 0.

Daily Temperature Table:
Aebland

Maximum temperature on 22nd should be 88.

Haleyville

Maximum temperature on the 12th should be 75°.

MONTH: JUNE 1961

Climatological Data Table:
Livingston

Average maximum temperature should be 86.4. No. of days with maximum temperature 90° or above should be 18.

Daily Temperature Table:
Livingston

Maximum temperature on 30th should be 91.

MONTH: SEPTEMBER 1961

Climatological Data Table:
Atmore State Farm

Total precipitation should be missing. No. of days with precipitation .10 or more missing. Coastal Plain Division average precipitation should be 3.19, departure from long-term average - 0.70.

Daily Precipitation Table:
Atmore State Farm

Amount on the 14th should be missing.

MONTH: NOVEMBER 1961

Climatological Data Table:
Bamilton

Monthly precipitation total should be 9.25. No. of days with precipitation .10 or more, 10. Upper Plains Division average precipitation should be 5.54, departure from long-term average + 2.04.

Daily Precipitation Table:
Bamilton

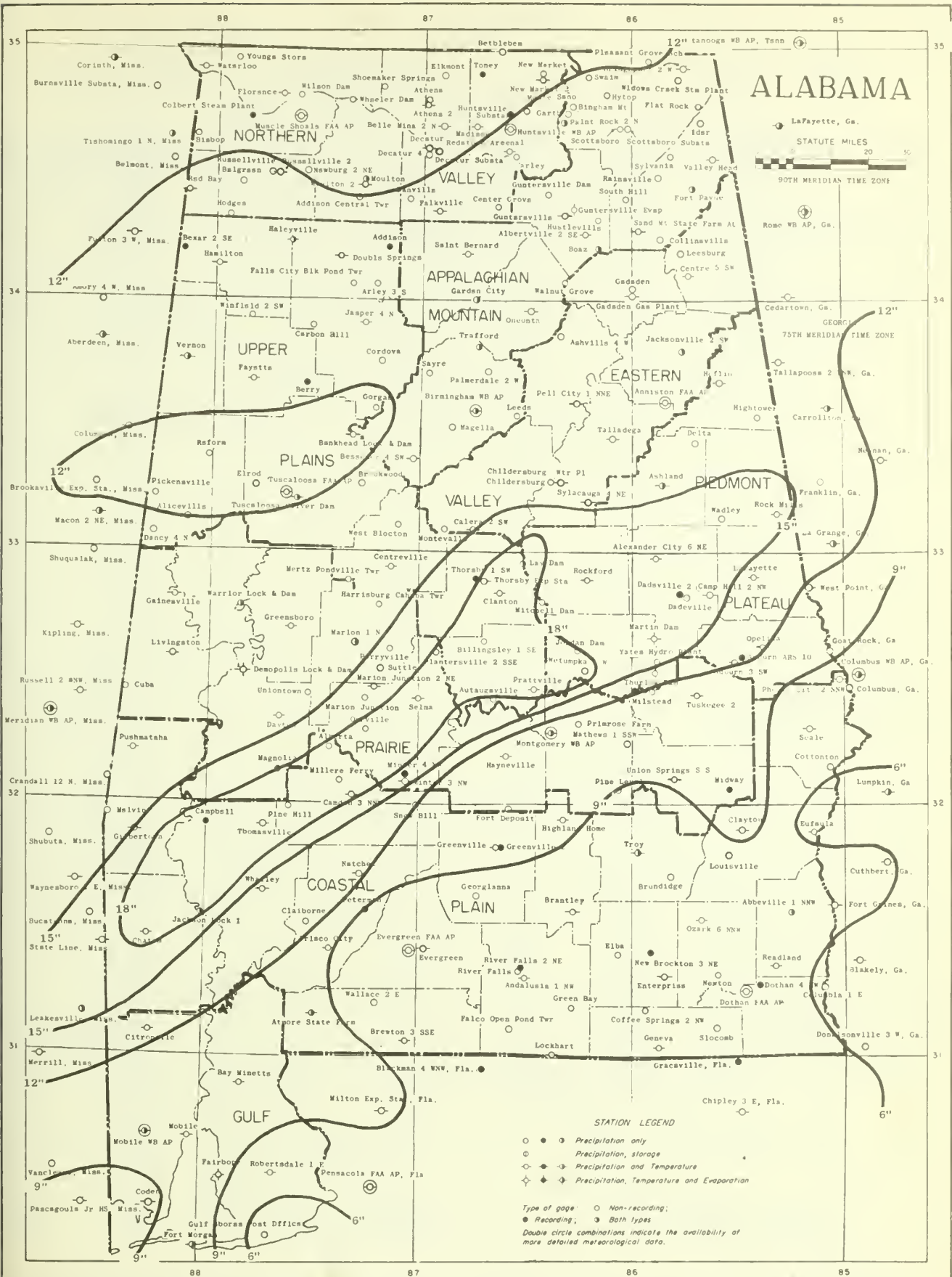
Amount on the 18th should be 0.

Marion 1 N

Amount on the 24th should be 0. Monthly total 5.58.

Evaporation and Wind Table:
Demopolis Lock and Dam

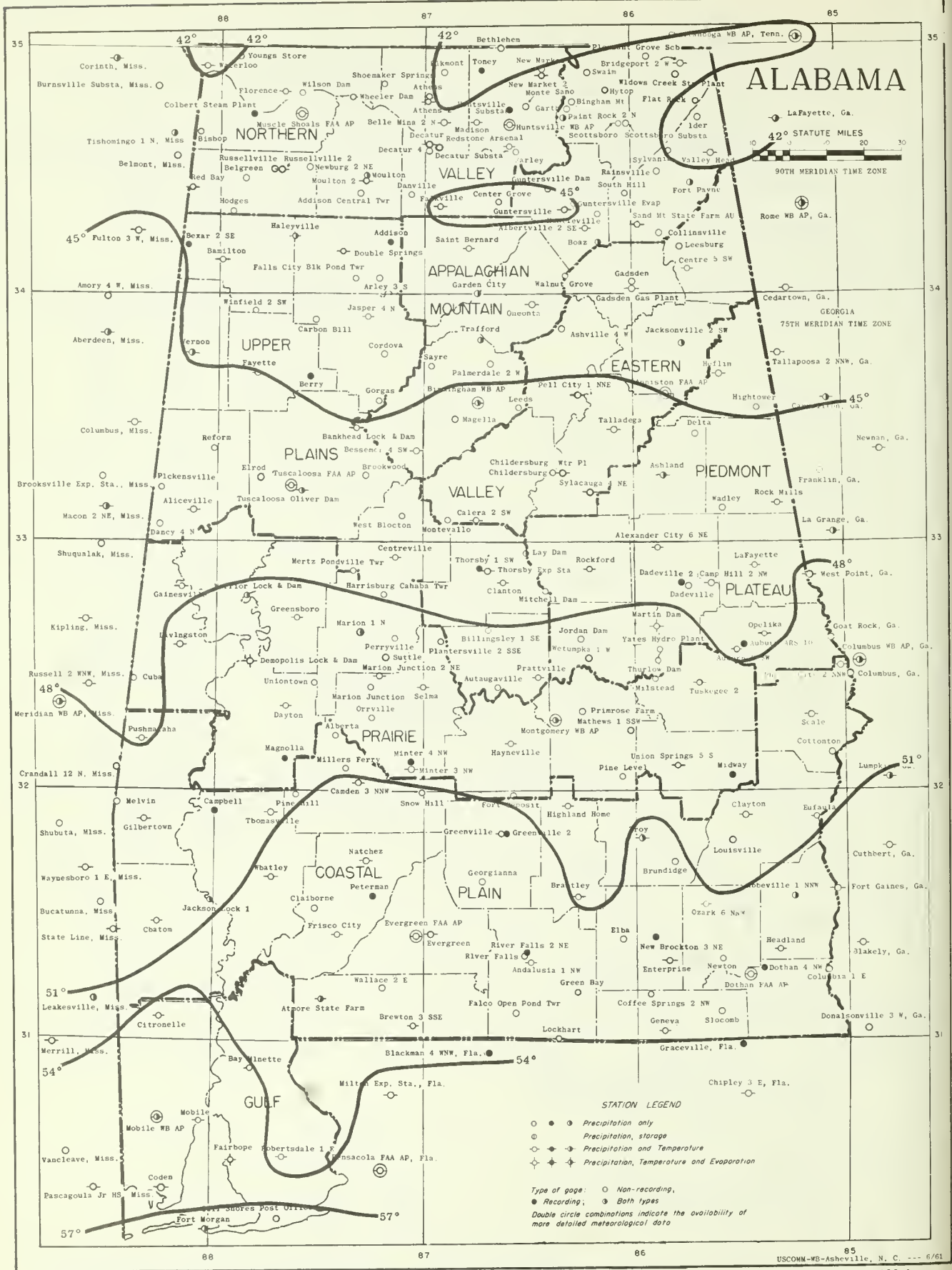
Evaporation on 30th should be .03. Monthly total 2.41.



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
DECEMBER 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data." Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

Main table containing station data with columns: STATION, COUNTY, INDEX NO., DRAINAGE I, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, STATION, COUNTY, INDEX NO., DRAINAGE I, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER. Includes a legend for drainage areas and observation codes.

1-ALABAMA, 2-BALTIMORE, 3-CHAMPA, 4-CHATTAHOOCHEE, 5-CHOCTAWHATCHEE, 6-CONCORD, 7-COOSA, 8-ECAMBA, 9-GULF, 10-PEA, 11-TALLAPOOSA, 12-TENNESSEE, 13-TOMBIGBE

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ration 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1961

Volume 67 No. 13



ASHEVILLE: 1962

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

ALABAMA
1961

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	
DIVISIONAL AVERAGES																											
NORTHERN VALLEY	35.7	- 8.1	48.7	3.2	56.6	1.8	56.2	- 5.2	64.9	- 5.0	72.1	- 5.9	76.4	- 4.0	76.4	- 3.5	72.8	- 1.2	59.9	- 3.1	52.0	1.3	43.3	- 7	59.4	- 2.5	
APPALACHIAN MOUNTAIN	36.0	- 8.6	48.5	2.4	54.3	1.6	56.1	- 4.9	65.0	- 4.3	71.9	- 5.2	76.1	- 3.1	76.1	- 2.4	72.9	- 1.5	59.4	- 3.6	53.3	2.4	43.9	- 5	59.5	- 2.2	
UPPER PLAINS	37.7	- 9.9	50.2	1.1	56.5	.8	58.0	- 5.3	67.2	- 4.1	73.6	- 5.3	77.4	- 3.5	77.5	- 2.9	74.3	- 1.0	61.5	- 3.5	53.9	.8	45.0	- 2.1	61.1	- 2.9	
EASTERN VALLEY	38.6	- 7.6	51.2	3.6	55.9	1.6	57.7	- 4.4	66.4	- 3.9	72.8	- 5.0	77.1	- 2.9	77.0	- 2.4	73.7	- 1.7	60.6	- 3.0	55.5	3.6	45.6	- 1.0	61.0	- 1.8	
PIEDMONT PLATEAU	39.1	- 9.7	50.7	.6	56.5	.2	58.0	- 5.6	68.7	- 4.9	72.7	- 5.9	77.1	- 3.3	77.1	- 2.7	73.8	- 1.7	61.6	- 4.1	56.5	2.3	46.2	- 1.9	61.3	- 3.1	
PRAIRIE	41.0	- 9.4	53.9	1.9	59.3	1.2	60.5	- 4.6	69.4	- 3.7	75.5	- 4.5	79.5	- 2.0	79.0	- 2.3	75.7	- 1.2	64.1	- 3.1	57.1	1.4	49.1	- 8	63.7	- 2.2	
COASTAL PLAIN	42.8	- 9.1	55.5	2.1	60.8	1.7	61.3	- 4.6	69.9	- 3.6	75.5	- 4.4	79.3	- 1.7	78.2	- 2.6	75.9	- 1.8	64.4	- 3.2	58.6	2.1	51.0	- 5	64.4	- 2.1	
GULF	46.1	- 7.8	57.5	2.1	62.7	2.3	63.4	- 3.6	72.5	- 1.8	77.2	- 3.0	80.6	- .7	79.8	- 1.7	78.1	- 1.3	67.5	- 1.9	61.3	2.8	55.5	- 1.5	66.9	- .9	

A narrative Special Weather Summary appeared in the January, February, March and December issues of this publication for 1961.

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

ALABAMA
1961

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	
WALNUT GROVE	E2.93		13.58		7.09		3.97		5.28		8.00		5.43		2.94		3.60		1.76		3.81		11.91		E70.30		
WARRIOR LOCK AND DAM	3.14		13.43		10.25		E3.48		2.97		5.50		4.10		6.97		3.16		1.17		5.59		13.25		E71.01		
WATERLOO	2.62		6.35		10.29		3.74		2.79		4.22		4.10		2.90		2.86		1.29		6.56		10.05		57.77		
WEST BLOCTON	3.25		17.70		10.10		3.90		1.30		5.30		4.55		3.05		1.03		.37		5.71		14.10		70.36		
WETUMPKA	3.36	-1.34	14.09		9.18	10.75	4.88	5.36	.17	2.39	-1.06	7.06	2.57	2.86	-2.23	7.63	2.478	1.26	-1.67	.01	-1.96	3.76	.45	20.08	15.02	78.61	26.79
WHATLEY	5.51		15.49		10.36		4.73		3.00		7.51		3.06		4.08		3.96		.95		5.42		14.14		78.21		
WHEELER DAM	2.20		6.18		8.61		2.28		4.35		6.75		3.13		5.49		.95		1.45		5.94		10.23		57.56		
WIDOWS CREEK STM PLANT	2.91		8.44		8.02		2.92		4.66		4.82		5.26		3.17		3.89		1.20		3.98		13.18		62.45		
WILSON DAM	1.71		5.22		10.97		2.45		3.25		2.84		3.10		2.80		.72		1.60		6.18		10.34		51.18		
WINFIELD 2 SW	2.71		11.99		10.84		4.76		2.90		2.90		5.35		5.88		.56		2.61		7.11		14.03		71.64		
YATES HYDRO PLANT	4.11	-.59	19.50	14.74	9.40	3.14	5.51	.52	2.90	-.66	3.63	-.43	3.37	-2.12	8.31	4.21	4.85	1.78	.20	-1.58	3.71	.39	15.96	10.92	81.54	30.32	
YOUNGS STORE	2.40		7.10		11.35		3.33		2.76		3.77		3.98		1.72		1.24		1.75		6.47		10.85		56.72		
DIVISIONAL AVERAGES																											
NORTHERN VALLEY	2.26	-3.47	7.70	2.09	7.99	2.08	2.64	-1.63	4.48	1.07	5.25	1.79	3.18	-1.21	4.06	.55	1.58	-1.53	1.79	-.90	5.31	1.58	11.59	6.51	57.83	6.93	
APPALACHIAN MOUNTAIN	2.44	-3.33	13.37	7.74	7.87	1.63	4.08	-.47	4.11	.65	6.07	2.20	5.38	.37	3.75	-.49	2.97	.22	1.76	-1.12	4.42	.67	13.34	7.95	69.56	16.02	
UPPER PLAINS	2.63	-2.87	13.99	8.50	9.53	3.25	3.99	-1.04	2.16	-1.58	5.91	1.83	4.97	-.35	3.53	-1.02	1.73	-1.13	1.30	-1.01	5.54	2.04	14.09	8.60	69.37	15.22	
EASTERN VALLEY	2.57	-2.95	14.38	8.90	8.46	2.36	4.67	-.19	2.90	-.41	7.00	2.98	4.31	-.73	4.60	.24	3.61	.84	1.42	-1.11	3.24	-.08	13.95	8.52	71.11	18.37	
PIEDMONT PLATEAU	3.19	-1.71	16.87	11.88	9.73	3.64	5.71	.36	3.28	-.32	5.31	1.37	3.67	-1.78	4.94	.08	2.09	-.87	.32	-1.77	2.90	-.55	14.81	9.70	72.82	20.03	
PRAIRIE	3.11	-1.33	14.20	9.40	10.76	4.53	3.91	-1.24	1.89	-1.75	6.83	3.12	5.48	-.03	4.98	.71	2.11	-.70	.85	-.99	4.26	1.04	13.38	8.22	71.83	21.05	
COASTAL PLAIN	4.17	-.44	11.29	6.60	9.15	2.79	6.45	.82	3.43	-.77	7.59	3.28	5.35	-1.64	6.76	1.23	3.19	-.70	.31	-1.55	3.86	.43	9.90	4.65	71.45	14.70	
GULF	5.07	.60	9.12	4.97	9.19	2.46	6.08	.03	5.07	.08	11.47	5.77	5.91	-3.38	6.41	.07	5.75	.04	1.07	-1.49	6.44	2.87	10.05	4.64	81.63	16.66	

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA
1961

Table 3—Continued

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					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.					
TROY	95	7-25	15	1-22	1-22	15	1-22	15	1-26	21	2-4	26	3-10	32	11-29	30	12-21	28	12-29	20	12-29	20	NONE	-	-	341	335	320	264
TUSCALOOSA FAA AIRPORT	97	9-25+	14	1-22	1-22	14	1-30	20	2-4	23	2-11	26	3-10	29	10-27	29	11-9	28	11-30	24	12-29	19	NONE	-	-	333	299	271	231
TUSCALOOSA OLIVER OAM	96	9-3+	13	1-22	1-23	15	2-5	20	2-10	24	2-11	25	4-8	31	10-27	30	11-9	26	11-30	23	12-29	17	NONE	-	-	327	293	271	202
TUSKEGEE 2	96	8-11	14	1-22	1-22	14	1-22	14	1-31	24	2-4	25	3-11	31	11-10	31	11-30	27	12-29	19	12-29	19	NONE	-	-	341	332	299	244
UNION SPRINGS 5 S	94	9-26+	12	1-22	1-22	12	1-23	20	1-30	23	2-5	27	3-10	32	11-10	27	11-10	27	11-30	22	12-26	20	NONE	-	-	337	304	278	245
VALLEY HEAD	95	8-31	4	1-22	2-5	13	2-11	17	3-26	24	4-18	26	5-3	32	10-5	32	10-20	26	10-27	19	10-27	19	11-29	16	297	258	215	185	155
VERNON	99	9-25	10	1-22	1-31	16	2-5	18	2-11	22	3-10	27	4-18	31	10-20	28	10-20	28	10-27	24	12-28	20	12-29	15	332	326	258	224	185
WATERLOO	94	8-31+	6	1-22	2-4	14	2-11	18	2-26	23	4-7	26	4-18	30	10-15	29	10-27	22	10-27	22	11-9	19	11-30	12	299	271	243	203	180
WHATLEY	96	9-24+	13	1-22	1-22	13	1-31	20	1-31	20	2-11	26	3-10	30	10-27	31	11-9	27	11-30	22	12-26	20	NONE	-	-	329	303	271	231

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEMOPOLIS LOCK AND DAM	EVAP	B3.03	B3.41	B5.07	6.04	B6.77	B6.24	B6.48	B6.64	B5.17	B4.10	B2.46	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1935	B1927	2519	2519	1579	1277	832	823	1000	1089	2167	2211	19878
FAIRHOPE	EVAP	B1.13	B2.38	B3.63	B4.94	B6.13	B5.63	B6.31	B5.02	B4.70	3.97	B1.94	B1.68	47.36
	DEP	-0.85	+0.02	-0.01	+0.03	+0.01	-0.57	+0.33	-0.59	+0.17	+0.29	-0.43	+0.06	-1.54
	WIND	1259	1306	1182	1456	1115	816	627	479	563	656	832	892	11183
GUNTERSVILLE EVAP	EVAP	1.33	1.99	-	5.88	6.32	5.86	-	-	-	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1477	1246	-	B1856	-	-	-	-	-	-	-	-	-
	MAX	47.2	60.0	-	74.0	85.1	91.8	-	-	-	-	-	-	-
MARTIN DAM	MIN	36.5	44.7	-	47.8	60.0	68.5	-	-	-	-	-	-	-
	EVAP	B1.55	B1.61	B3.48	5.28	B5.87	B4.81	B5.91	B5.23	B5.21	B4.88	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
WIND	1713	1035	1286	1554	1475	885	610	631	888	1591	1620	-	-	

CHANGES IN STATION NAMES

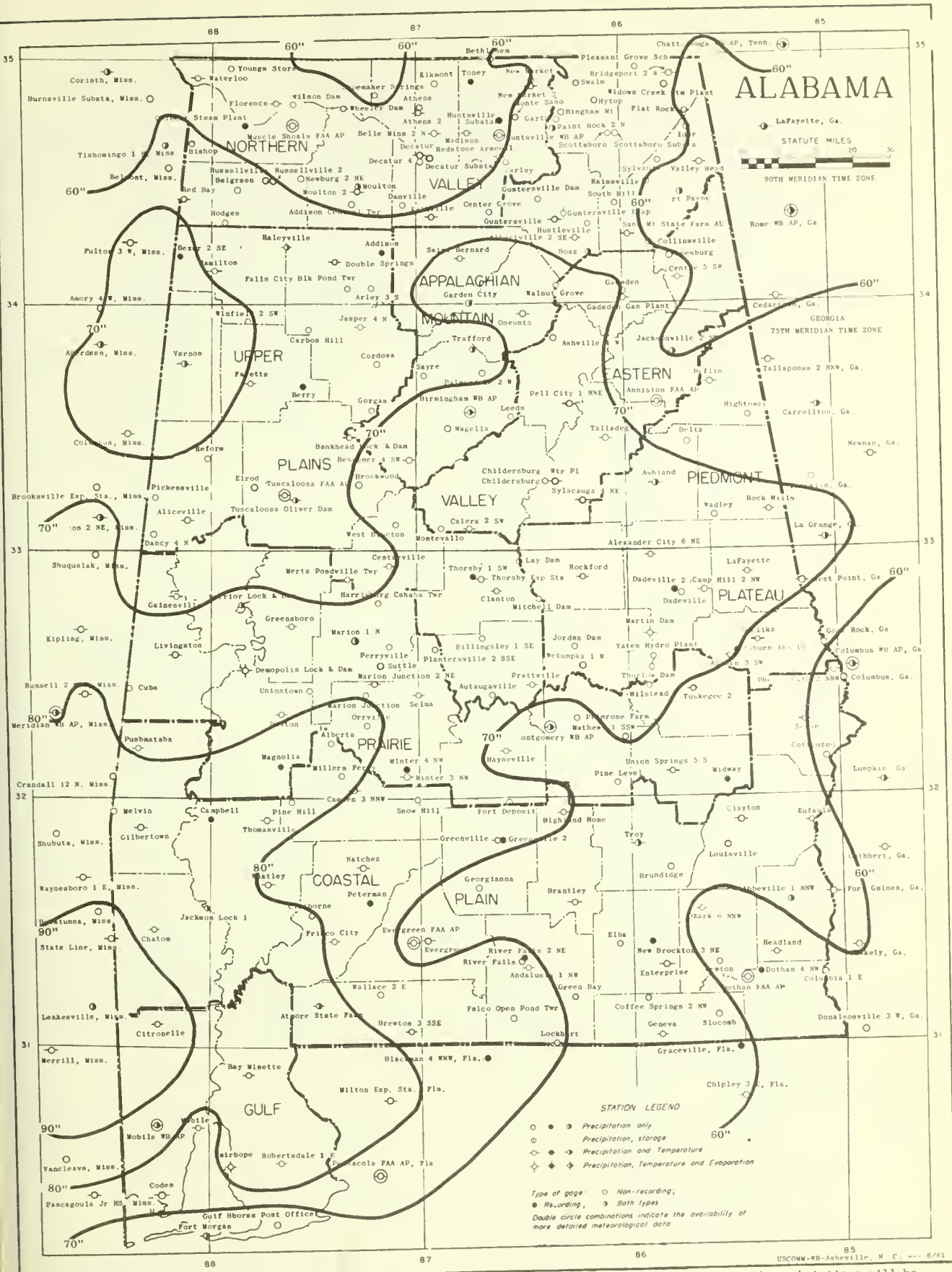
NEW NAME	OLD NAME	DATE
COLUMBIA 1 E	COLUMBIA	April 1961
DOTHAN 4 NW	DOTHAN 4 N	May 1961
FAIRHOPE 2 NE	FAIRHOPE	December 1961
GUNTERSVILLE TVA	GUNTERSVILLE EVAP	July 1961
NEW BROCKTON	NEW BROCKTON 3 NE	August 1961
PELL CITY 1 NNE	PELL CITY 2 ENE	March 1961
WETUMPKA	WETUMPKA 1 W	June 1961

RELOCATION AND CHANGES OF EQUIPMENT

ASHLAND	All equipment moved 0.5 mile SW	March 31, 1961
CLAYTON	All equipment moved 0.9 mile NW	February 2, 1961
COLUMBIA 1 E	All equipment moved 1.4 miles SSE	April 11, 1961
COLUMBIA 1 E	All equipment moved 0.5 mile W	May 12, 1961
DELTA	Rain gage moved 200 feet N	June 14, 1961
DOTHAN 4 NW	All equipment moved 0.5 mile W	May 8, 1961
GEORGIANNA	All equipment moved 0.4 mile W	August 28, 1961
GEORGIANNA	All equipment moved 0.5 mile E	November 6, 1961
GUNTERSVILLE EVAP	Evaporation equipment removed	July 1, 1961
HAYNEVILLE	All equipment moved 0.5 mile E	October 31, 1961
NEW BROCKTON	All equipment moved 3.0 miles WSW	August 29, 1961
OPELIKA	All equipment moved 300 feet ENE	October 16, 1961
PELL CITY 1 NNE	All equipment moved 2.5 miles W	March 7, 1961
SHOEMAKER SPRINGS	Rain gage moved 100 feet S	July 11, 1961
WETUMPKA	All equipment moved 0.3 mile NW	June 20, 1961
WETUMPKA	All equipment moved 2.1 miles ENE	October 1, 1961

TOTAL PRECIPITATION

ALABAMA
1961



STATION LEGEND

- ● ● Precipitation only
- ● ● Precipitation, storage
- ● ● Precipitation and Temperature
- ● ● Precipitation, Temperature and Evaporation

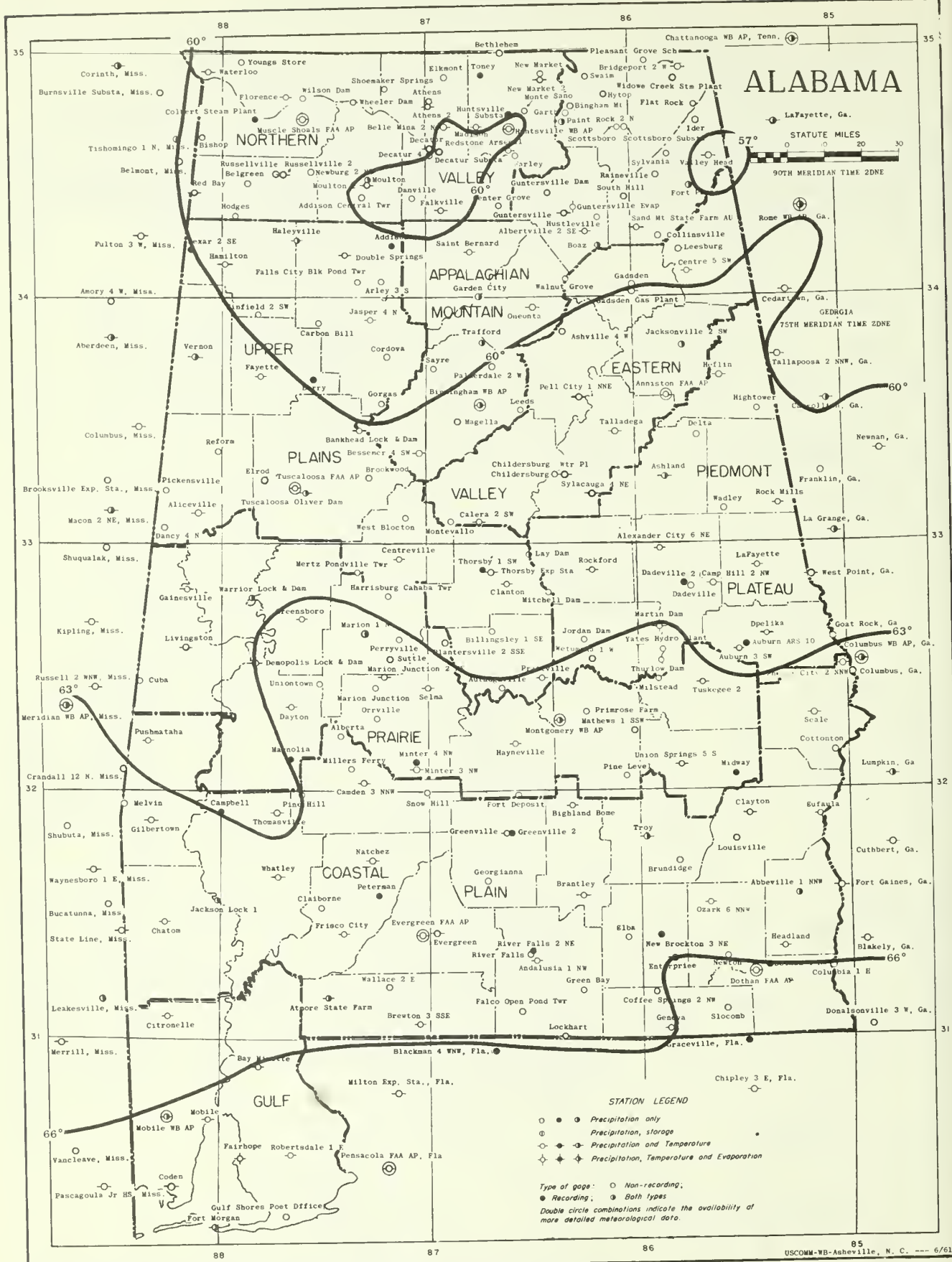
Type of gage: ○ Non-recording;
● Recording; ● Both types

Double circle combinations indicate the availability of more detailed meteorological data

Isohyals are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

USCOM-WB-Asheville, N. C. --- 6/61

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

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.

- No record.

+ Also earlier date (dates) or months.

* Amount included in following measurement.

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.

B Adjusted to a full month.

C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are 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".

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.

T Trace, an amount too small to measure.

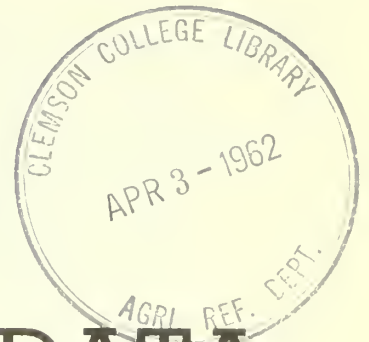
V Includes total for previous month. V in annual column means total is for a two-year period.

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. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, 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 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/5/62 --- 975

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ALABAMA

JANUARY 1962
Volume 68 No. 1



ALABAMA - JANUARY 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 25th at Brewton 3 SSE

Lowest Temperature: -8° on the 11th at Hamilton 3 S

Greatest Total Precipitation: 11.39 inches at Sylvania

Least Total Precipitation: 3.06 inches at Green Bay

Greatest One-Day Precipitation: 6.30 inches on the 5th at Dothan FAA
Airport

Greatest Reported Total Snowfall: 7.0 inches at Madison and Calera
2 SW

Greatest Reported Depth of Snow on Ground: 7 inches on the 10th at
Decatur and Monte Vallo

NOTE: Beginning with this issue departures from normal are based on
normals calculated for the period 1931-1960.

THE SEVERE COLD SPELL OF JANUARY 9 - 13, 1962

On January 9th a strong surge of unusually cold arctic air reached the northern border of Alabama and during the afternoon and evening swept southward all the way to the coast. Strong northerly winds prevailed and temperatures continued to fall on the night of the 9th and much of the following day. Early on the 10th temperatures were below freezing over all of the State and they remained below freezing until the 14th in the north portion, the 13th in the central portion and the 12th in the extreme south portion. At Mobile, the temperature was 32° or less for 86 consecutive hours, the longest period of record and exceeding the previous record of 65 hours set in February 1899. Montgomery also had 86 consecutive hours of freezing temperatures and over most of north Alabama more than 100 hours occurred.

In many areas temperatures were the lowest since 1940 and at Mobile a reading of 7° on the 11th was the lowest since 1899. Much of North Alabama had readings below zero and even in the west central portion readings were near zero.

The cold wave was accompanied by snow or sleet over all but the extreme south portion where freezing rain and glaze occurred. In Southwest Alabama freezing rain and glaze was reported all the way to the coast. Snow was 3" to 6" deep over all of the northern and central counties with 1" as far south as Choctaw, Clarke, Wilcox, Lowndes, Montgomery, Macon and Lee Counties.

Snow and ice made the highways hazardous

and they were closed on the 9th in the north and central portions, remaining closed until the 13th in some of the northern counties. Schools were forced to close through the 13th because of the highways.

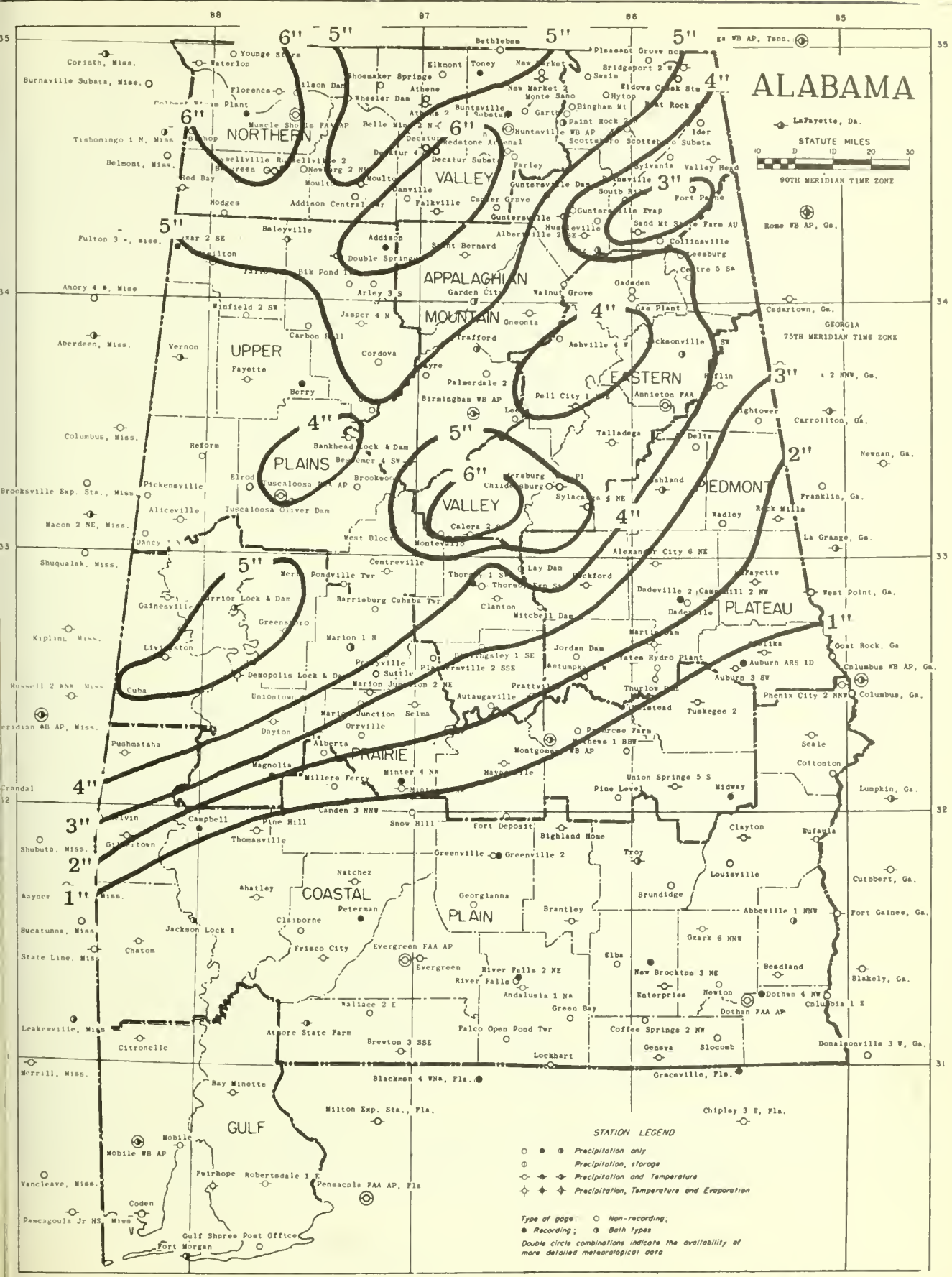
The prolonged period of freezing made the Coosa River freeze over from bank to bank in Cherokee County, the first such occurrence since 1940. Most creeks and branches in North Alabama froze over and even around Montgomery small ponds froze hard enough for skating. Ice formed in Mobile Bay and north of the Causeway ice was 2" to 3" thick except in the channels.

Losses due to the extended period of freezing, snow and ice were great. Water systems, plumbing and automobiles suffered great damage over all of the State. Fires increased in homes and automobile accidents increased by the hundreds. Industry and business were paralyzed for several days. Winter crops were set back or killed by the cold and the Mobile Bay area had some damage to citrus and horticultural interests.

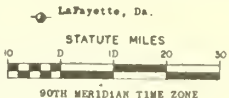
Four deaths were due directly to the severe cold and seven others indirectly.

Rufus O. Crosby
Weather Bureau Acting State Climatologist
Weather Bureau Airport Station
Dannelly Field, RFD 2
Montgomery, Alabama

SNOW DEPTH JANUARY 10, 1962



ALABAMA



STATION LEGEND

- ● Precipitation only
- ● Precipitation, storage
- × Precipitation and Temperature
- × ● Precipitation, Temperature and Evaporation

Type of page: ○ Non-recording;
 ● Recording; ● Both types
 Double circle combinations indicate the availability of more detailed meteorological data

CLIMATOLOGICAL DATA

ALABAMA
JANUARY 1962

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.	31° or Below	Min.					Total	Max. Depth on Ground	Date	10 or More	30 or More	1,000 or More	
																							90° or Above
MINTER 3 NW	54.6	33.1	43.9		77	27	7	13+	654	0	3	17	0	5.42		1.54	19	1.0			8	5	2
MONTGOMERY WB AP	56.0	37.5	46.8	- 1.3	76	25	11	11	564	0	3	10	0	5.20	1.14	1.62	5	1.0			8	3	2
SELMA	56.4	36.8	46.6	- 4.3	76	26	9	12+	565	0	2	12	0	6.81	2.44	1.78	19	2.5	1	10	8	3	6
TUSKEGEE 2	55.6	35.4	45.5	- 4.3	73	25	9	11	597	0	1	14	0		1.45	.6							3
UNION SPRINGS 5 S	55.2	34.5	44.9	- 5.4	76	28	8	11	625	0	3	13	0	6.66	2.33	2.20	6	T	0		8	4	2
DIVISION			44.5	- 5.2										6.87	2.55			2.7					
COASTAL PLAIN																							
ANALUSIA 1 NW	57.3	35.6	46.5		79	26	10	11	583	0	3	12	0	3.65	1.47	.6		.0	0		8	2	1
ATMORE STATE FARM	60.0	36.8	48.4		77	26	8	11	518	0	1	13	0	4.35	1.20	.6		.0	0		8	4	1
BRANTLEY	57.2	33.9	45.6		78	26	9	13+	604	0	2	17	0	4.98	2.81	.6		.0	0		8	2	1
BREWTON 3 SSE	62.3	36.2	49.3	- 2.4	81	25	8	13	499	0	1	14	0	4.27	2.14	.6		.0	0		9	1	1
CAMDEN 3 NW	57.8	35.1	46.5		80	26	7	11	574	0	2	13	0	6.07	1.16	.5	1.0	1	10	8	7	2	
CHATAM	60.4	33.0	46.7		80	26	5	11	565	0	2	14	0	5.51	1.60	5					8	4	2
CLAYTON																							
COZHAN FAA AIRPORT	58.2	38.5	48.4		78	25	15	13+	523	0	0	8	0	8.23	4.40	6.30	5	T	T	12	5	3	1
ENTERPRISE	60.5M	37.7	49.1M		79	25	11	11	501	0	0	12	0	4.67	1.98	.6		.0	0		7	3	2
EUFULA	57.2M	35.3M	46.3M	- 4.9	77	27	13	11	574	0	0	10	0	4.94	.61			.0	0				
EVERGREEN	58.9	35.2	47.1		80	27+	10	12+	563	0	2	18	0	4.99	2.32	.6		.0	0				3
FRISCO CITY	57.2	35.5	46.4		77	27	7	11	580	0	2	14	0	6.36	1.82	3.03	6	T	0		7	4	1
GENEVA	59.2M	38.4M	48.8M		80	26	14	13+	511	0	1	12	0	6.66	2.77	4.87	6	.0	0				2
GILBERTOWN	58.6	33.3	46.0		79	26	6	12	588	0	2	16	0	4.69	1.38	19	2.0	2	10	7	5	1	
GREENVILLE	58.5M	37.2	47.9M	- 3.3	78	25	9	11	531	0	3	12	0		3.10	6		T	0				3
HEAOLAND	57.0	36.9	47.0		78	25	14	13+	564	0	2	12	0	7.63	5.25	.6		.0	0		6	3	1
HIGHLAND HOME	53.7	35.2	44.5	- 6.5	73	26+	7	11	633	0	3	13	0	5.89	1.03	3.50	6	.0	0				1
LOCKHART	58.6	38.5	48.6		79	26	12	13	523	0	2	12	0	4.68	1.65	.6		.0	0		8	3	2
NATCHEZ	58.2	33.8	46.0		79	26	6	13	589	0	3	15	0	4.18	1.25	.6		T	0		8	2	1
DZARK 6 NNW	56.7	35.5	46.1	- 6.2	79	26	10	12+	591	0	1	14	0	4.10	1.88	6		T	T	12+	7	2	1
PHENIX CITY 2 NNW	54.2	34.6	44.4		72	27+	11	11	629	0	1	16	0	6.94	2.90	.6		.0	0		9	3	2
PUSHMATAHA	53.6	30.5	42.1	- 6.9	75	26	5	11	705	0	3	17	0	7.64	3.18	2.78	19				9	6	2
SEALE	57.3	34.6	46.0		75	25	12	13	586	0	0	15	0	5.95	2.20	.6		T	0		9	4	1
THOMASVILLE	58.0	32.5	43.3	- 6.3	77	27	5	12+	669	0	3	16	0	6.14	1.43	1.50	19	3.9			7	5	2
TROY	54.0	37.4	47.7	- 2.9	77	25	9	11	539	0	1	11	0	4.93	.42	2.52	6	.0	0				1
WHATLEY	59.8M	33.5M	46.7M		80	26	6	11	566	0	2	15	0	5.20	1.30	.6		.0	0				2
DIVISION			46.6	- 4.6										5.53	1.07			.3					
GULF																							
DAY MINETTE	60.2	38.5	49.4		78	26	9	11	498	0	1	12	0	3.81				T	0				
ITRONELLE	59.4	38.4	48.9	- 3.9	77	26	11	12+	505	0	3	11	0	5.22	.46	1.35	5	.0	0				
LOOEN	61.3	39.7	50.5		76	25	12	11	447	0	0	12	0	4.38	1.24	10		T	0		7	4	1
FAIRHOPE 2 NE	61.6	40.5	51.1	- 2.5	77	25	12	11	442	0	1	9	0	5.14	.93	1.21	10	.0	0		9	4	2
PORT MORGAN	58.1	43.1	50.6		72	25	16	11	440	0	2	4	0	4.15				.0	0				
MOBILE WB AIRPORT	59.4	38.3	48.9	- 3.6	78	23	7	11	511	0	3	10	0	4.75	.11	1.86	5	T	T	10+	7	3	1
MOBILE	57.3	39.8	48.6	- 4.3	74	31	12	12+	502	0	2	7	0	5.76	1.30	2.45	6	.0	0		8	3	2
MOBERTS/SALE 1 E	58.9	37.6	48.3		78	26	11	11	526	0	2	13	0	5.07	.64	1.78	6	T	0		7	3	1
DIVISION			49.5	- 3.8										4.79	.35			T					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation								
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 p. CST	Trace	01-09	10-49	50-99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
IRVINGHAM WB AIRPORT	N	12	9.8	42	SE	15	77	80	65	69	4	6	2	3	3	1	19	41	6.6
UNTSVILLE WB AIRPORT	ESE	15	9.3	28++	ENE	27+	81	81	67	72	4	4	5	3	4	0	20	-	6.9
MOBILE WB AIRPORT	-	-	12.3	34++	NW	15+	-	-	-	-	6	3	4	2	1	0	16	-	5.7
MONTGOMERY WB AIRPORT	NW	9	8.4	31	W	6	78	81	65	70	8	2	5	1	2	0	18	46	6.1

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1962

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
ALBERTVILLE 2 SE										4.1	-	-	-	-																	
ALEXANDER CITY 6 NE										2.5	-	-	-	-																	
ALICEVILLE										-	-	-	-	-																	
ANNISTON FAA AIRPORT									3.0	.5	3	2	1																		
ATHENS 2							T			4.0	-	-	-	-																	
AUBURN 3 SW										-	-	-	-	-																	
BANKHEAD LOCK AND DAM										3.5	4	-	-	-																	
BAY MINETTE										T																					
BELLE MINA 2 N						.5	-	T	3.5	1.5	-	-	-	-																	
BESSEMER 4 SW			T					T	T	4.0	4	3	3	3	T				T	T											
BIRMINGHAM WB AIRPORT	T					T	T		3.5	.3	4	3	3	2	1				T												
BRIDGEPORT 2 W										-	-	-	-	-																	
CALERA 2 SW										7.0																					
CAMDEN 3 NW										1.0	1																				
CAMP HILL 2 NW										2.0	-	-	-	-					T												
CENTRE 5 SW	T						T		T	3.5	-	T							T												
CENTREVILLE										4.0	4	-	-	-																	
CHATAM										-	-	-	-	-																	
CHILDERSBURG WTR PLANT									T	4.5	4	-	-	-																	
CLANTON										3.5	4	-	-	-																	
CODEN										T	T																				
DAYTON										4.0	4	-	-	-																	
DECATUR								T	T	6.5	7	4	3	2	1																
DEMOPOLIS LOCK AND DAM										-	-	-	-	-																	
DOTHAN FAA AIRPORT													T	T																	
DOUBLE SPRINGS	T						T		T	6.0	-	-	-	-																	
FALKVILLE										3.5	-	-	-	-																	
FAYETTE										4.0	-	-	-	-																	
FRISCO CITY										T																					
GADSDEN GAS PLANT										5.0	-	-	-	-																	
GAINESVILLE									T	4.5	5	4	3	3	2																
GILBERTOWN										.5	1.5	1	2																		
GREENSBORO								T		2.0	3.0	-	-	-																	
GREENVILLE										T																					
GUNTERSVILLE										3.0	.5	-	-	-																	
HALEYVILLE									.3	T	4.8	5	5	5	2																
HAMILTON 3 S								T	T	T	5.0	5	4	3	2	1				T											
HAYNEVILLE										1.0	1																				

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1962

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										
HEFLIN	SNOWFALL SN ON GND									4.5	-	-	-	-																											
HUNTSVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T	T	4.3	.6	T	4	3	2	T																										
JASPER 4 N	SNOWFALL SN ON GND						T	T	1.8	3.2	5	4	3	2	T																										
LAFAYETTE	SNOWFALL SN ON GND									2.0	-	-	-	-																											
LIVINGSTON	SNOWFALL SN ON GND									4.5	-	-	-	-																											
MADISON	SNOWFALL SN ON GND									-	-	-	-	-	T	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
MARION JUNCTION 2 NE	SNOWFALL SN ON GND									3.5	-	-	-	-																											
MARTIN DAM	SNOWFALL SN ON GND																																								
MINTER 3 NW	SNOWFALL SN ON GND									1.0	-	-	-	-																											
MOBILE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									T	T																														
MONTGOMERY WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T	1.0	T	T	T	T	T																												
MOULTON 2	T						T	T	4.0	2.5	4	3	3	2																											
MUSCLE SHOALS FAA AP	SNOWFALL SN ON GND									-	6	5	2	1																											
NATCHEZ	SNOWFALL SN ON GND									T																															
NEW MARKET 2	SNOWFALL SN ON GND																																								
ONEONTA	SNOWFALL SN ON GND						T	T	4.0	-	-	-	-																												
OPELIKA	SNOWFALL SN ON GND																																								
OZARK 6 NNW	SNOWFALL SN ON GND									T	T	T																													
PELL CITY 1 NNE	SNOWFALL SN ON GND																																								
PRATTVILLE	SNOWFALL SN ON GND																																								
PUSHMATAHA	SNOWFALL SN ON GND																																								
RED BAY	SNOWFALL SN ON GND									-	5.0	5	-	-																											
REDSTONE ARSENAL	SNOWFALL SN ON GND									-	-	-	-	-																											
ROBERTSDALE 1 E	SNOWFALL SN ON GND									T																															
ROCKFORD	SNOWFALL SN ON GND									4.0	4	-	-	-	-																										
ROCK MILLS	SNOWFALL SN ON GND									-	3	1	T																												
RUSSELLVILLE 2	SNOWFALL SN ON GND						T	T	6.0	6	6	5	-	T																											
SAINT BERNARD	SNOWFALL SN ON GND									5.2	5	-	-	-																											
SAND MT STATE FARM	SNOWFALL SN ON GND									.8	1.8	3	3	3	1																										
SCOTTSBORO	SNOWFALL SN ON GND									T	5.0	5	-	-	-	T																									
SEALE	SNOWFALL SN ON GND									T																															
SELMA	SNOWFALL SN ON GND									2.5	3	-	-	-																											
SYLACAUGA 4 NE	SNOWFALL SN ON GND						T	1	4.8	4	4	3	2	T																											
TALLADEGA	SNOWFALL SN ON GND									T	.3	4.5	-	-	-																										
THOMASVILLE	SNOWFALL SN ON GND									3.9	-	-	-	-																											
THORSBY EXP STATION	SNOWFALL SN ON GND									T	T	3.5	4	-	-	-																									
TUSCALOOSA FAA AIRPORT	SNOWFALL SN ON GND																																								

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

ALABAMA
JANUARY 1962

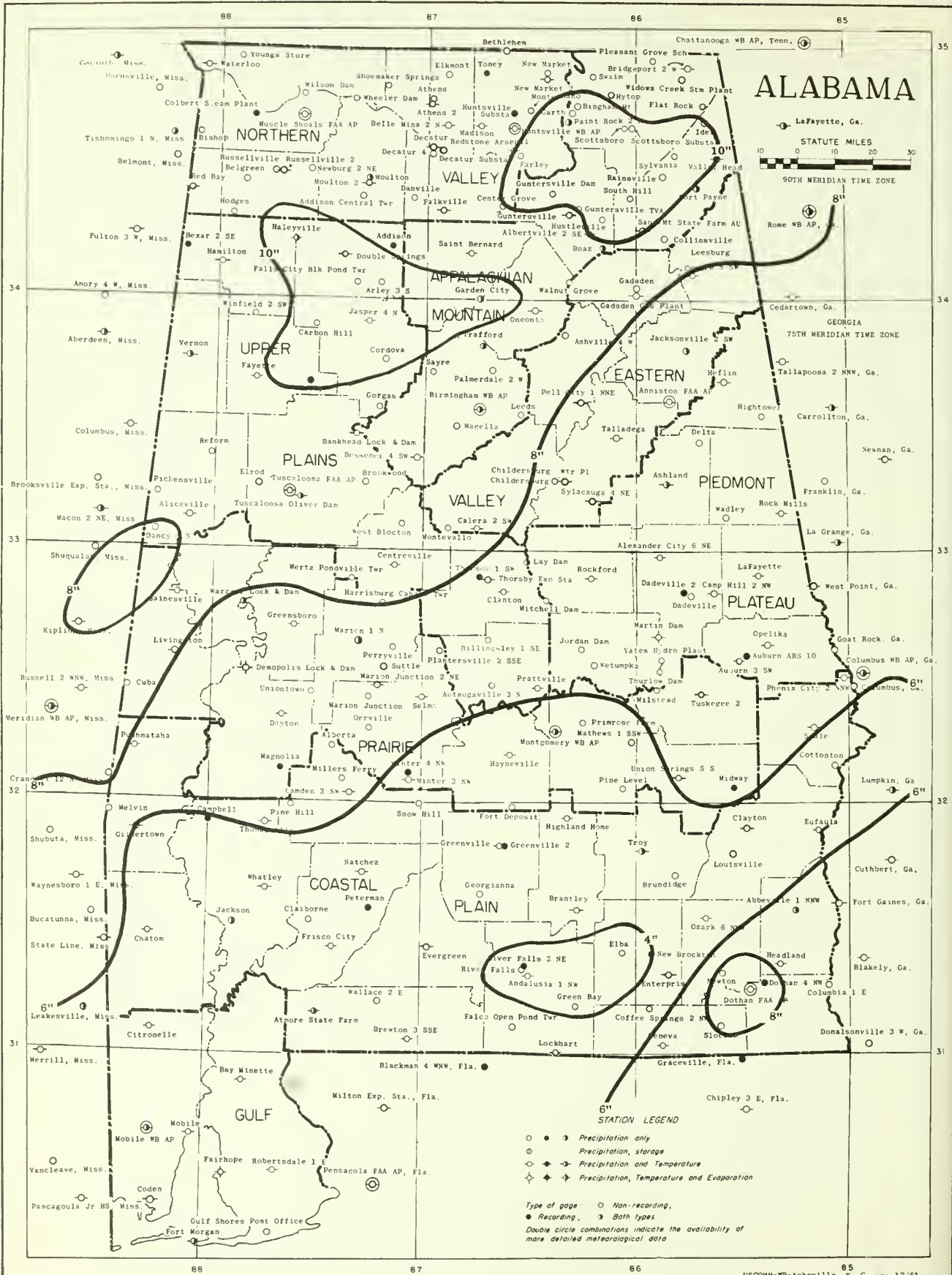
CONTINUED

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
TUSCALOOSA OLIVER DAM	SNOWFALL SN ON GND										2.5 -	-																				
TUSKEGEE 2	SNOWFALL SN ON GND										-																					
UNION SPRINGS 5 S	SNOWFALL SN ON GND										T																					
VALLEY HEAD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	4.5 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATERLOO	SNOWFALL SN ON GND										6.5 -	-	-	-	-																	

See reference notes following Station Index

TOTAL PRECIPITATION

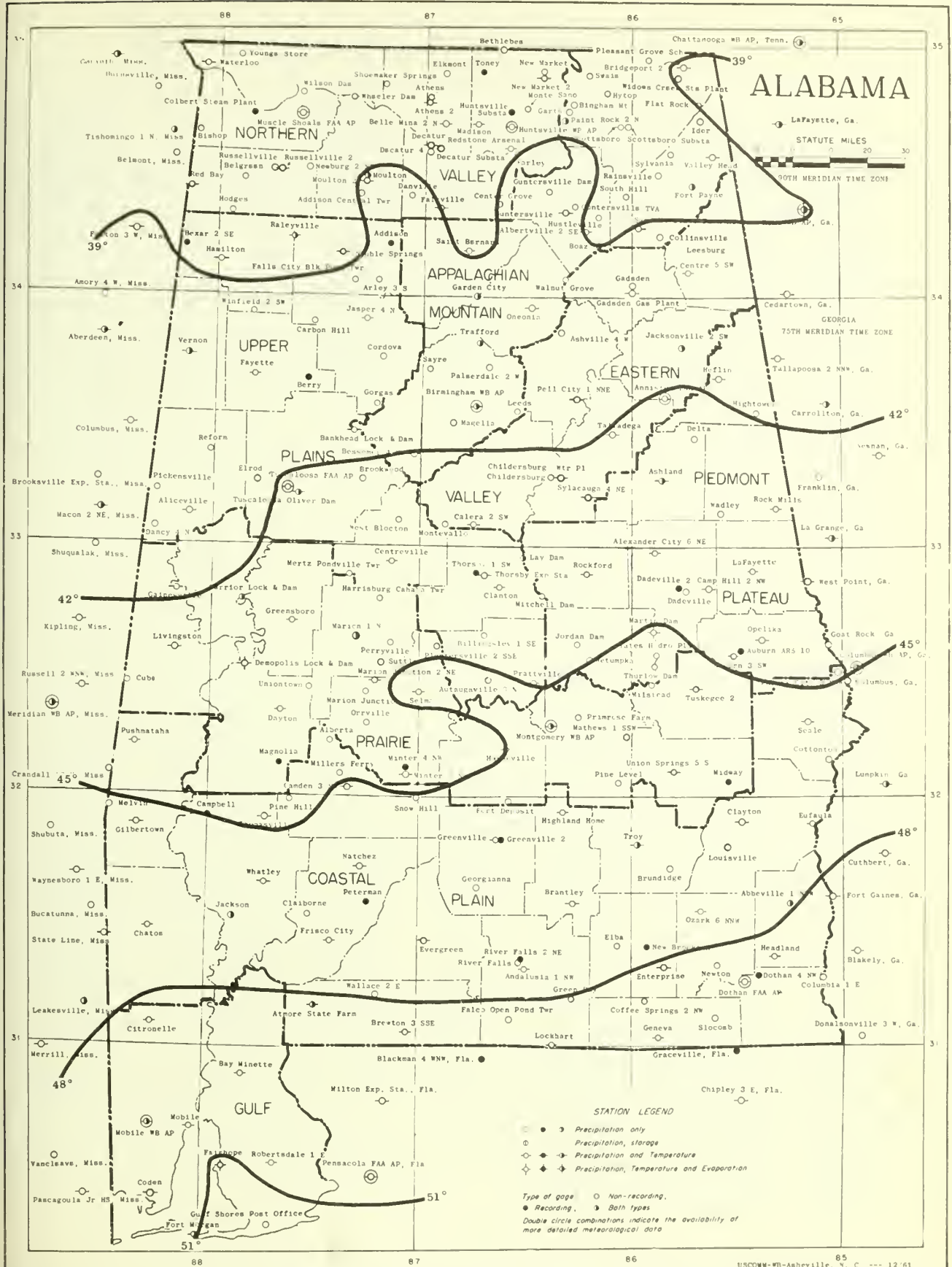
ALABAMA
JANUARY 1962



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AVERAGE TEMPERATURE

ALABAMA
JANUARY 1962



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+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



FEBRUARY 1962

Volume 68 No. 2



ALABAMA - FEBRUARY 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 87° on the 28+ at 5 stations

Lowest Temperature: 13° on the 7th at 3 stations

Greatest Total Precipitation: 12.88 inches at Lockhart

Least Total Precipitation: 1.28 inches at Coden

Greatest One-Day Precipitation: 8.20 inches on the 19th at Lockhart

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

DAILY PRECIPITATION

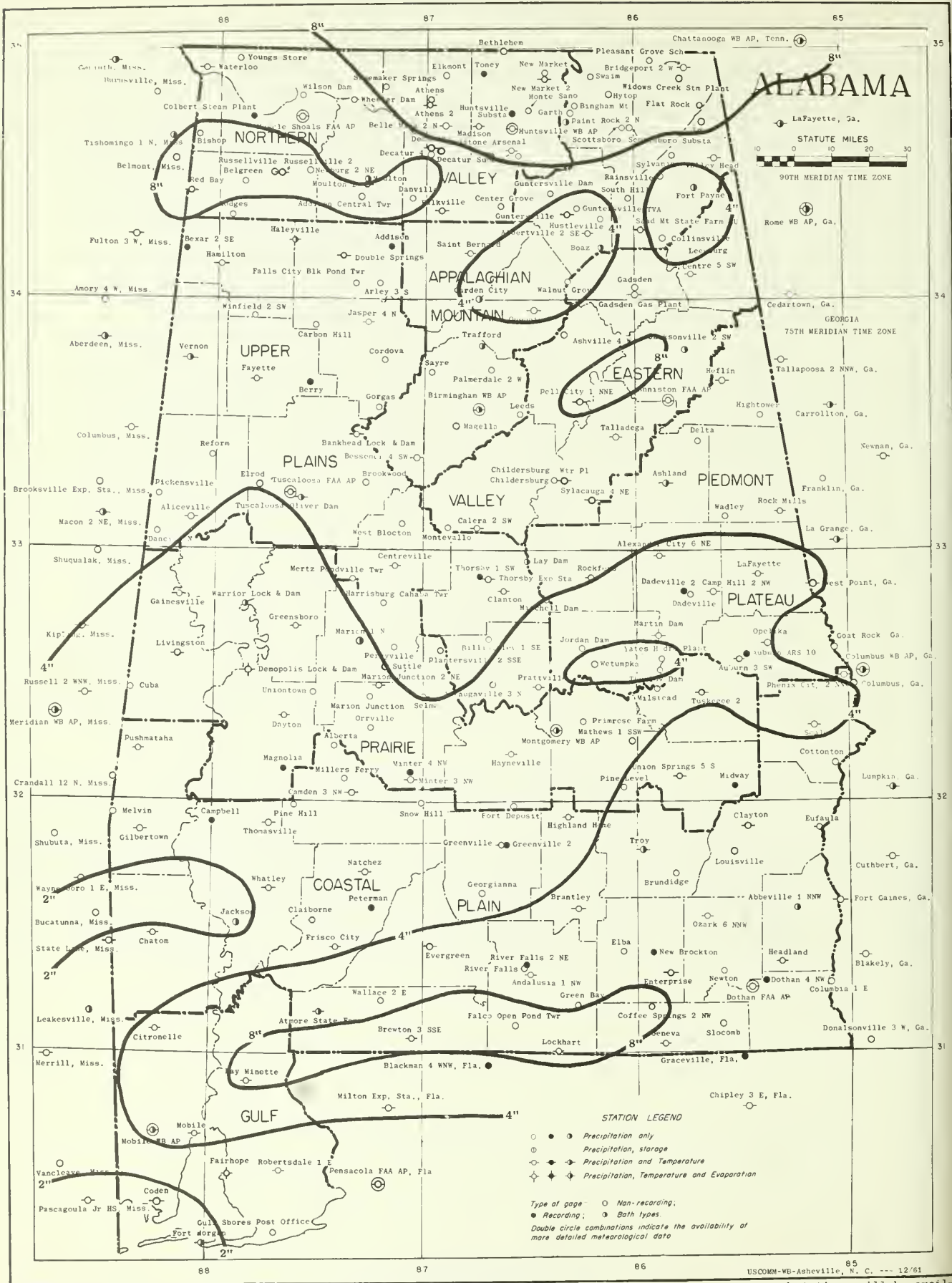
ALABAMA
FEBRUARY 1962

Table with 33 columns: Station, Total, and Day of Month (1-31). Rows list various stations and their precipitation values for each day. Some cells contain 'T' for trace amounts.

See reference notes following Station Index.

TOTAL PRECIPITATION

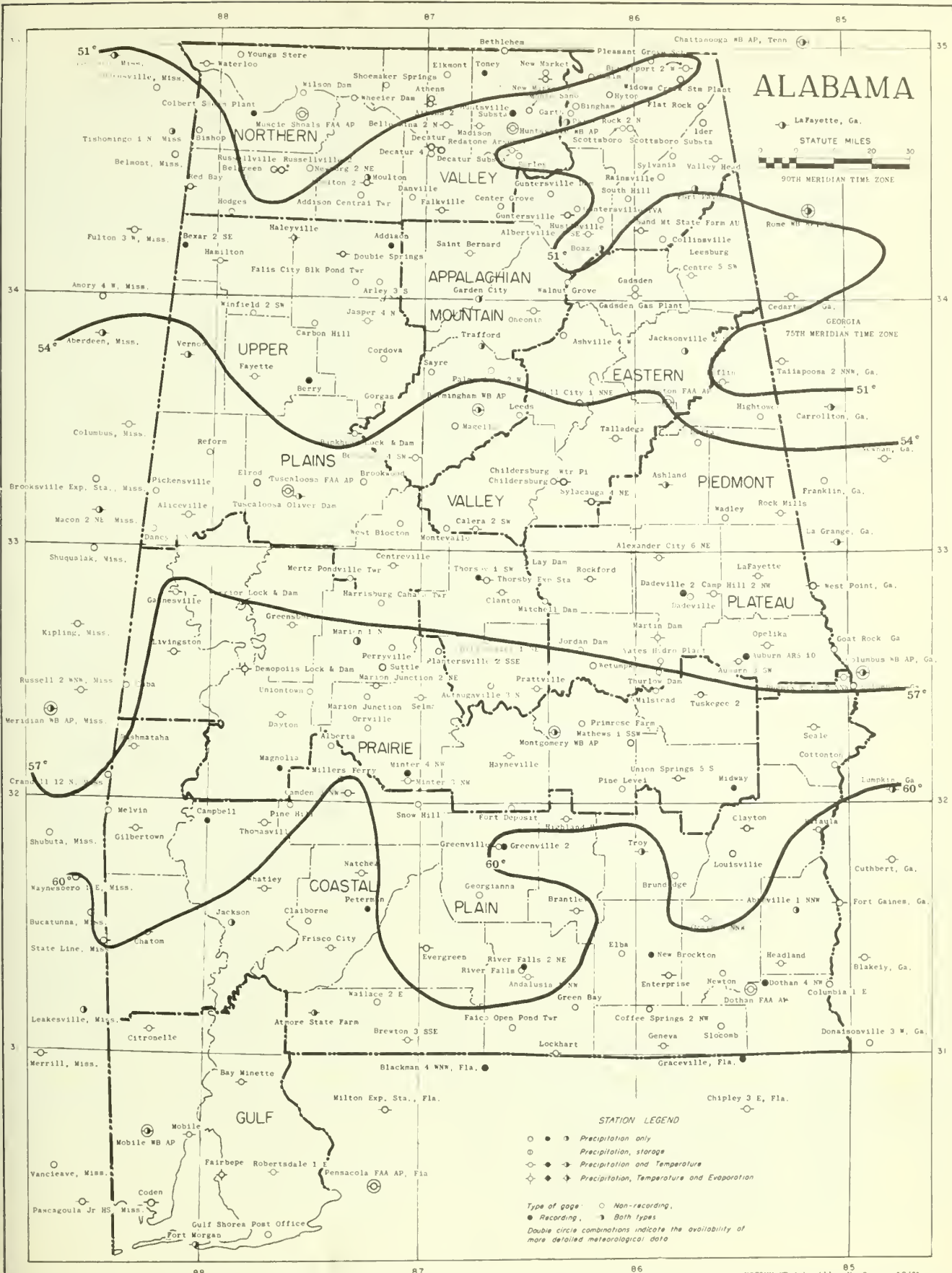
ALABAMA
FEBRUARY 1962



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ALABAMA
FEBRUARY 1962



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13.2813
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

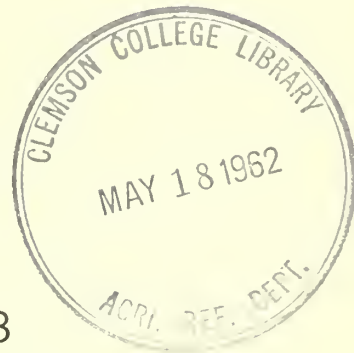
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

MARCH 1962

Volume 68 No. 3



ALABAMA - MARCH 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 88° on the 22nd at Geneva and on the 21st at
Brewton 3 SSE

Lowest Temperature: 19° on the 17th at Waterloo

Greatest Total Precipitation: 12.32 inches at Bay Minette

Least Total Precipitation: 1.91 inches at Gulf Shores Post Office

Greatest One-Day Precipitation: 9.10 inches on the 31st at Bay
Minette

Greatest Reported Total Snowfall: 1.0 inch at Oneonta and Hightower

Greatest Reported Depth of Snow on Ground: 1 inch on the 6+ at 4
stations

CLIMATOLOGICAL DATA

ALACAM
MARCH 196

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					
										90° or Above	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
MINTER 3 NW MONTGOMERY WB AP SELMA	63.7 65.2 65.9	39.4 43.6 43.4	51.6 54.4 54.7	- 1.6 - 3.8	80 81 80	22 21 21	24 29 26	6 6 6	411 330 329	0 0 0	0 0 3	5 0 0	6.44 7.45 4.99	- 1.29 - 1.09	1.26 2.07 1.37	31 31 31	T T 31+	.0 0 .0	0 0 0	11 9 8	5 5 3	2 2 3				
TUSKEGEE 2 UNION SPRINGS 5 S	65.3 64.4	42.1 41.1	53.7 52.8	- 1.3 - 4.3	81 83	21 22	24 24	6 6	350 372	0 0	0 0	5 5	7.88 6.63	2.04 .44	2.90 2.40	31 31	.0 .0	0 0	.0 .0	10 8	4 4	3 2				
DIVISION			52.8	- 4.5																						
COASTAL PLAIN																										
ANDALUSIA 1 NW ATMORE STATE FARM BRANTLEY BREWTON 3 SSE CAMOEN 3 NW	67.4 68.3 66.5 70.2 66.7	42.1 43.0 38.9 41.9 41.7	54.8 55.7 52.7 56.1 54.2	- 2.3	85 84 85 88 81	1 21 22 21 21	27 25 25 26 25	6 6 18+ 6 6	326 305 381 304 347	0 0 0 0 0	0 0 7 0 0	4 4 0 7 5	9.23 11.19 7.48 7.47 5.18	1.28 1.21	4.36 4.30 3.85 5.20 2.02	31 31 31 31 31	.0 .0 .0 .0 T	0 0 0 0 0	7 9 7 5 9	5 5 3 4 3	3 3 1 1 1					
CHATAM CLAYTON DOTHAN FAA AIRPORT ENTERPRISE EUFULA	68.8 67.4 68.5 66.6	39.1 42.1 44.1 41.3	54.0 54.8 56.3 54.0	- 4.4	84 86 85 85	21 21 21 22+	23 27 25 25	6 6 6 6	357 300 283 347	0 0 0 0	0 0 2 0	10 0 3 4	6.49 7.70 6.19 7.19 3.53	1.60 .59	1.85 3.00 3.88 4.72 .76	31 31 31 31 15	.0 .0 .0 .0 .0	0 0 0 0 0	9 7 7 6 8	5 5 2 3 3	2 2 1 3 0					
EVERGREEN FRISCO CITY GENEVA GILBERTOWN GREENVILLE	67.7 65.9 69.4 67.6 68.1	40.8 42.3 43.9 40.4 43.8	54.3 54.1 56.7 54.0 56.0	- 2.6	85 84 88 83 85	21 22 21 21 21	25 27 25 25 25	6 6 6 6 6	331 337 270 352 297	0 0 0 0 0	0 0 4 8 2	6 3 4 0 2	7.50 8.60 3.98 6.79 7.73	- 1.82	2.03 4.70 1.41 2.73 3.86	31 31 2 0 31	.0 .0 .0 .0 T	0 0 0 0 0	8 8 5 10 8	5 4 3 5 4	2 2 1 1 2					
HEADLAND HIGHLAND HOME LOCKHART NATCHEZ OZARK 6 NNW	66.4 64.0 67.8 67.6 66.4	43.7 40.9 44.1 40.5 42.0	55.1 52.5 56.0 54.1 54.2	- 5.6	85 85 86 83 86	22 22 22 21 1	25 24 26 25 25	6 6 6 18+ 7+	312 383 295 348 332	0 0 0 0 0	0 6 3 7 3	4 6 0 0 0	3.16 6.22 4.08 6.50 3.45	- .55	.91 2.50 1.24 3.70 1.20	2 31 31 31 2	.0 .0 .0 .0 .0	0 0 0 0 0	7 8 7 6 7	2 6 3 4 2	0 1 2 2 1					
PHENIX CITY 2 NNW PUSHMATAHA SEALE THOMASVILLE TROY	62.9 64.4 65.8 64.3 65.6	40.6 37.8 39.5 40.1 43.4	51.8 51.1 52.7 52.2 54.5	- 5.4	80 82 83 80 89	22+ 31 21 29+ 30	21 26 25 24 25	7 6 6 6 6	406 428 385 392 326	0 0 0 0 0	0 0 7 0 3	4 9 7 7 0	6.25 4.26 7.43 4.73 7.17	- 1.55	2.00 1.63 2.58 1.83 3.65	11 31 31 31 31	T .0 .0 T .0	0 0 0 0 0	11 10 11 7 9	4 4 4 3 4	1 1 2 1 2					
WHATLEY	67.6	40.5	54.1	- 4.1	83	21	23	6	352	0	0	9	5.38	.01	1.42	31	.0	0	7	4	3					
DIVISION			54.3	- 4.1																						
GULF																										
BAY MINETTE CITRONELLE CODEN FAIRHOPE 2 NE FORT MORGAN	67.9 68.5 68.6 68.7 64.2	45.5 45.0 45.4 47.4 50.9	56.7 56.8 57.0 58.1 57.6	- 3.1 - 1.9	87 86 77 82 74	21 21 31+ 21 30	27 24 31 30 6	6 6 7 6 6	280 280 263 241 234	0 0 0 0 0	2 2 2 2 0	0 0 0 0 0	12.32 6.49 3.21 3.96 3.71	- .31 - 2.42	9.10 2.50 1.01 1.53 2.25	31 31 31 31 31	.0 .0 .0 .0 .0	0 0 0 0 0	5 9 9 6 5	3 5 2 1 2	3 1 1 2 1					
MOBILE WB AIRPORT MOBILE ROBERTSOLA 1 E	67.6 66.3 67.0	46.4 47.9 43.8	57.0 57.1 55.4	- 2.3 - 2.9	86 87 81	21 22 22	29 29 27	6 6 6	270 258 307	0 0 0	0 1 0	3 0 3	6.97 5.17 2.33	- .26 - 1.64 - 4.26	2.90 2.00 1.06	30 31 15	.0 .0 .0	0 0 0	7 6 6	4 3 1	2 2 1					
DIVISION			57.0	- 3.0																						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of days with prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
BIRMINGHAM WB AIRPORT	NNW	11	11.7	40	NW	21	75	79	56	58	6	2	3	2	2	0	15	47	6.8
HUNTSVILLE WB AIRPORT	ESE	16	9.3	28++	SSW	12	74	78	55	60	4	2	1	4	2	0	13	-	7.0
MOBILE WB AIRPORT	N	14	12.6	40++	W	31	77	82	54	60	3	5	3	2	1	1	15	-	6.2
MONTGOMERY WB AIRPORT	NW	12	8.9	29	NW	5	71	80	54	59	6	2	4	3	1	1	17	58	6.3

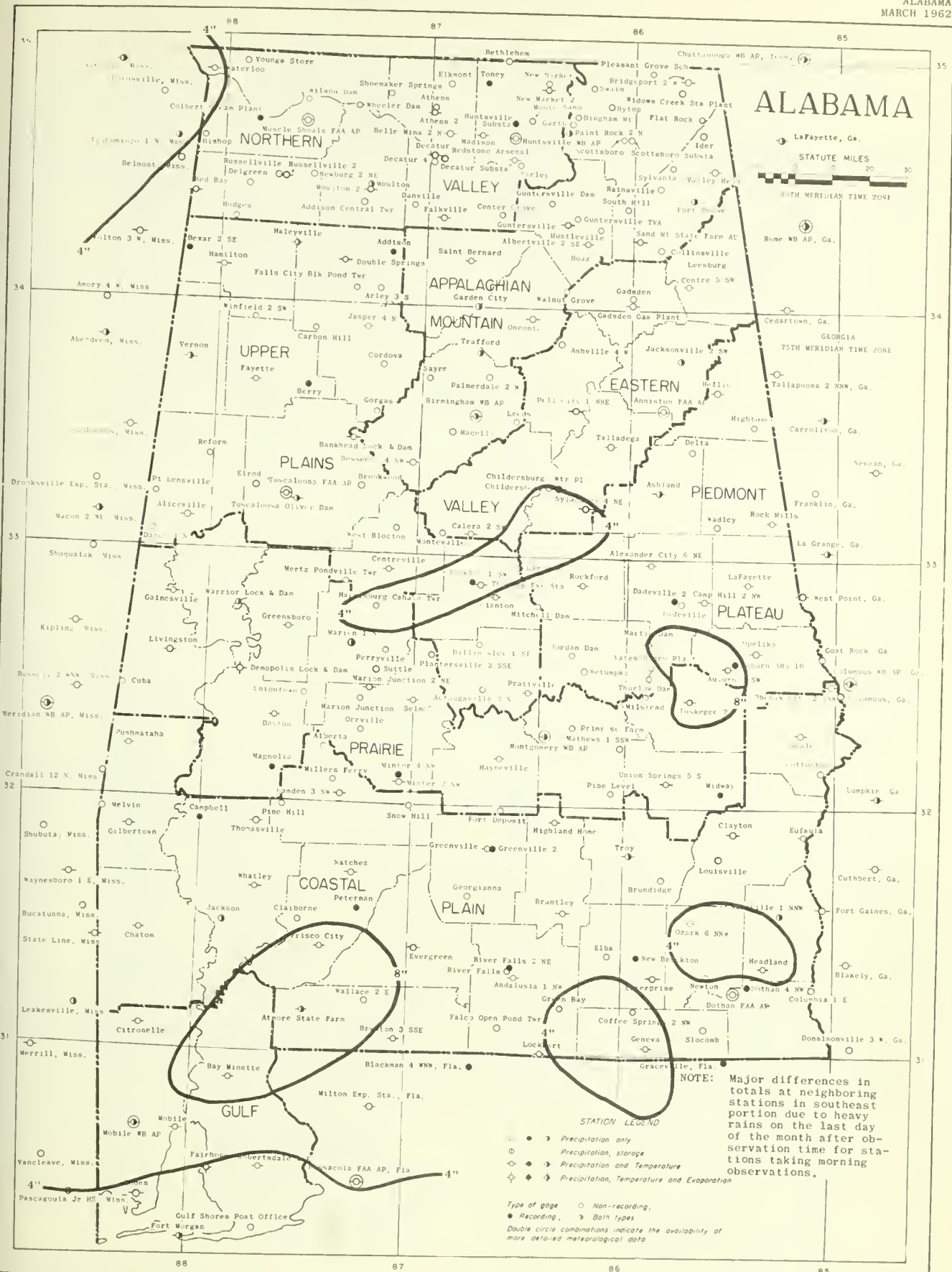
SNOWFALL AND SNOW ON GROUND

ALABAMA
MARCH 1962

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	
ALBERTVILLE 2 SE					.5 1																											
ALEXANDER CITY 6 NE					T																											
ASHLAND					T																											
BANKHEAD LOCK AND DAM						T																										
BESSEMER 4 SW						T																										
BIRMINGHAM WB AIRPORT					T T																											
CALERA 2 SW					T																											
CAMDEN 3 NW					T																											
CAMP HILL 2 NW						T																										
CENTREVILLE						T																										
CHILCOERSBURG WTR PLANT					T																											
DECATUR						T T																										
DOUBLE SPRINGS						T																										
GREENSBORO					T																											
GREENVILLE					T																											
HAMILTON 3 S						T																										
HAYNEVILLE					T																											
HEFLIN						.5 1																										
HUNTSVILLE WB AIRPORT					T	T T																										
JASPER 4 N					T																											
MARTIN OAM					T T																											
MONTGOMERY WB AIRPORT					T																											
MOULTON 2					T T																											
ONEONTA						1.0																										
OPELIKA						T																										
PHENIX CITY 2 NNW					T																											
ROCK MILLS						T	T																									
RUSSELLVILLE 2						T																										
SAINT BERNARD						T																										
SCOTTSBORO						T																										
SYLACAUGA 4 NE					T																											
TALLADEGA					T																											
THOMASVILLE							T																									
VALLEY HEAD						.5 1																										

TOTAL PRECIPITATION

ALABAMA
MARCH 1962



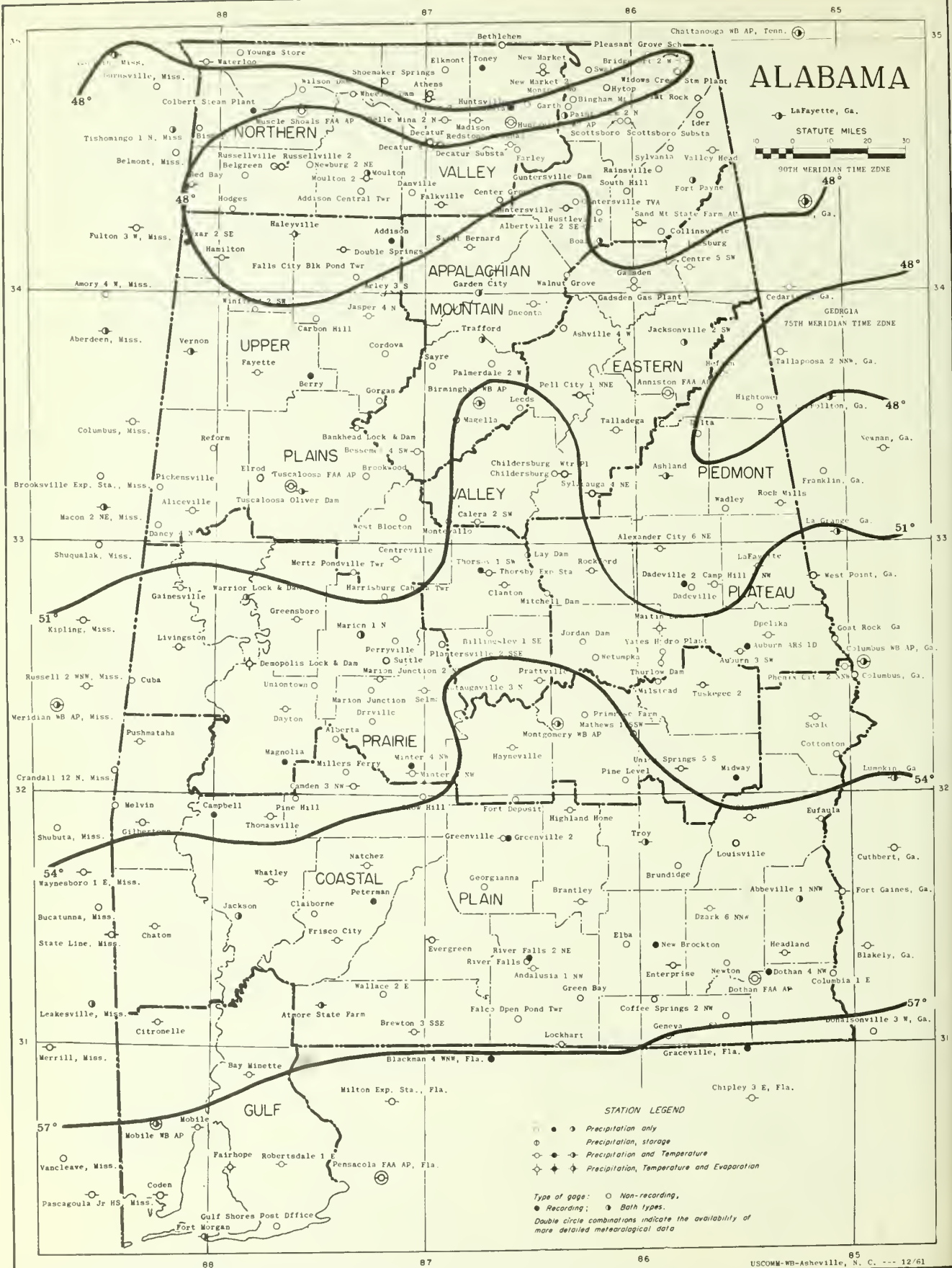
NOTE: Major differences in totals at neighboring stations in southeast portion due to heavy rains on the last day of the month after observation time for stations taking morning observations.

- 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

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AVERAGE TEMPERATURE

ALABAMA
MARCH 1962



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+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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10/3/68/1
U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



APRIL 1962

Volume 68 No. 4



ALABAMA - APRIL 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 91° on the 30th at Eufaula

Lowest Temperature: 23° on the 3rd at Waterloo and on the 2nd at
Childersburg Wtr Plant

Greatest Total Precipitation: 10.72 inches at Haleyville

Least Total Precipitation: 1.89 inches at Mobile WB Airport

Greatest One-Day Precipitation: 5.92 inches on the 1st at Lockhart

Greatest Reported Total Snowfall: Trace at Bessemer 4 SW and
Centre 5 SW

Greatest Reported Depth of Snow on Ground: None

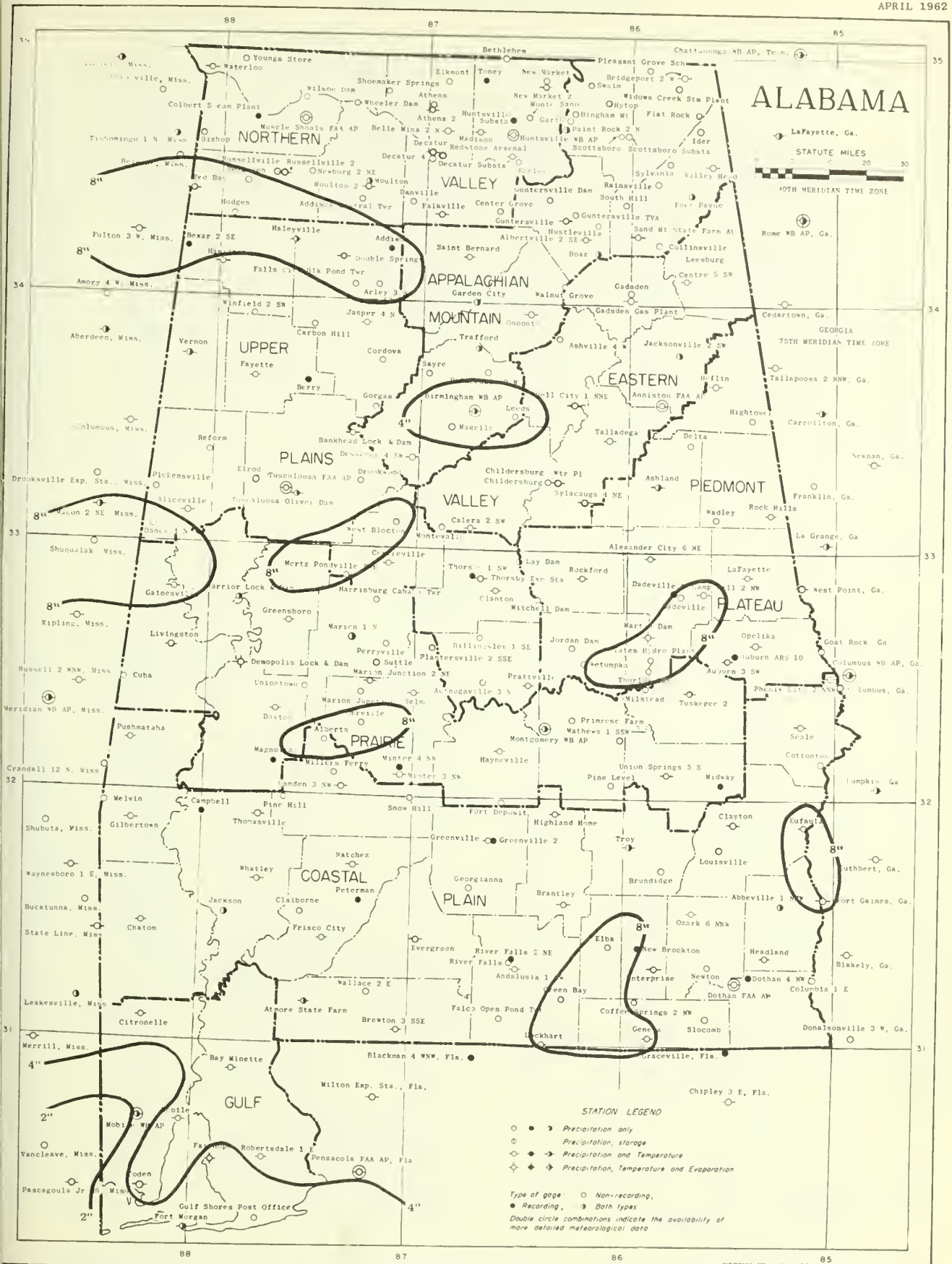
SNOWFALL AND SNOW ON GROUND

ALABAMA
APRIL 1962

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			
BESSEMER 4 SW	SNOWFALL SN ON GND																																		
CENTRE 5 SW	SNOWFALL SN ON GND																																		

TOTAL PRECIPITATION

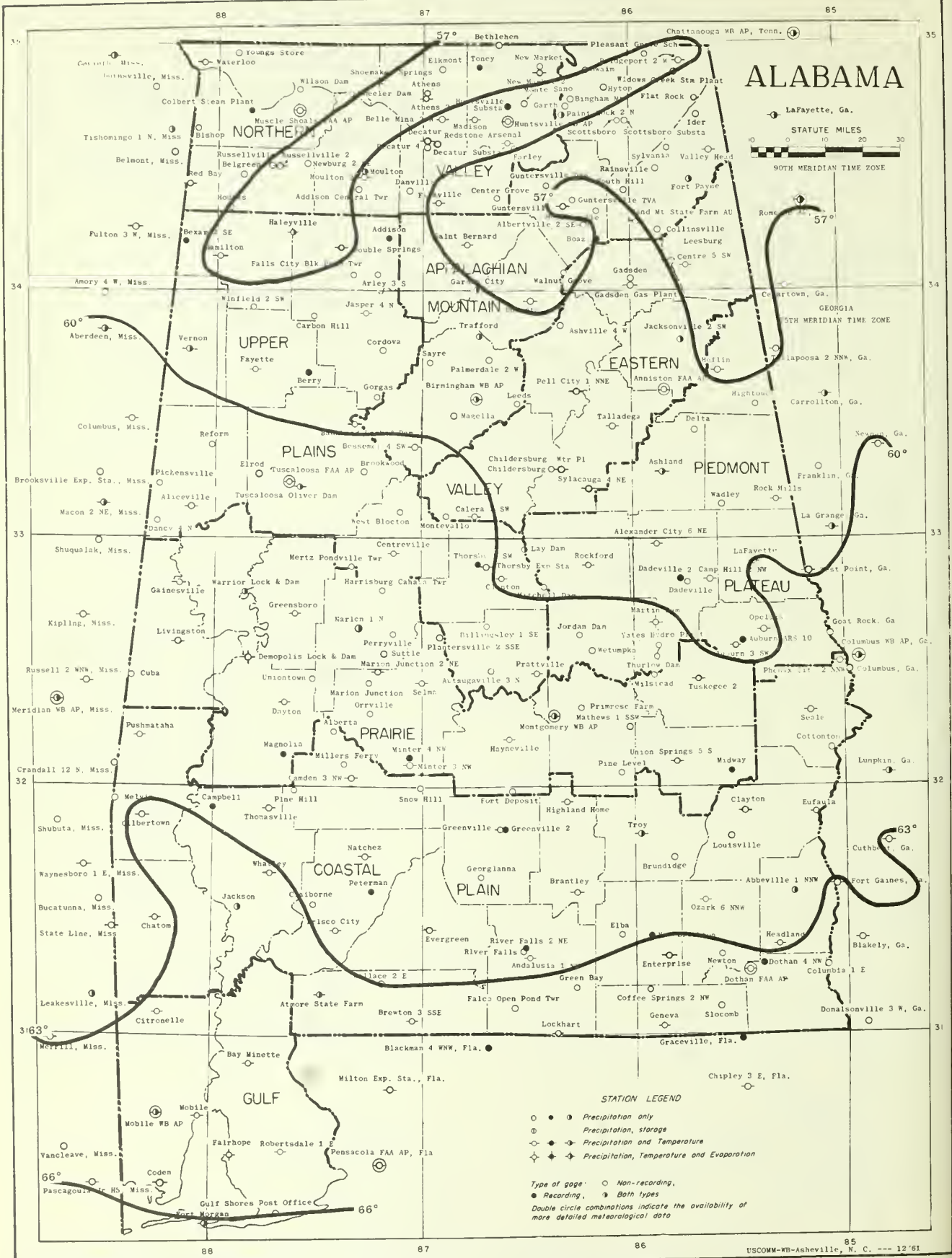
ALABAMA
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AVERAGE TEMPERATURE

ALABAMA
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STATION INDEX

ALABAMA APRIL 1962

Main table with columns: STATION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER, STATION, COUNTY, DRAINAGE, LATITUDE, LONGITUDE, ELEVATION, OBSERVATION TIME AND TABLES, OBSERVER. Rows list various weather stations across Alabama with their respective details.

1-ALABAMA; 2-BLACK MARRIOR; 3-CHAMBA; 4-CHATTANOOCHEE; 5-CHOCTAWHATCHEE; 6-CONOCUM; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

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U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



MAY 1962

Volume 68 No. 5



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 22nd at Geneva and on the 21st at Eufaula
 Lowest Temperature: 36° on the 2nd at Heflin
 Greatest Total Precipitation: 3.38 inches at Falkville
 Least Total Precipitation: 0.00 inch at Coffee Springs 2 NW
 Greatest One-Day Precipitation: 2.25 inches on the 30th at Red Bay

THE DROUGHT OF MAY 1962

By the latter part of the month the outlook for agricultural production in Alabama became of increasing concern as the State suffered through several weeks of scorching temperatures with rainfall limited to a few scattered showers. Cattlemen watched pastures turn brown. Vegetable crops had been severely damaged and fruits lacked moisture for sizing. Yields of small grain were reduced by drought. About 20 percent of the State's cotton acreage was planted late and was delayed in germinating for lack of moisture. The extended hot, dry weather caused considerable wilting and twisting of corn plants during the day. Dry weather, occurring when heads were filling, substantially reduced the yields of oats. Commercial vegetables and melons suffered from lack of rain and yields were sharply reduced. A considerable acreage of snap beans was lost in Sumter County. Grazing became very short and supplementary feeding of cattle was necessary. The dry weather forced cattlemen to sell animals that normally would have been kept on grass until July or later. Municipal water supplies were becoming critically low in several towns at the end of the month.

At Montgomery the mean temperature was 77.2°, or 4.8° above normal. It was the third warmest and the sixth driest May in 90 years of record.

At Birmingham the mean temperature was 78.6°, or 8.3° above normal. On 23 days the temperature was 90° or higher while the normal number of such days is four. The month was the hottest May of record in the Birmingham area and the maximum temperature of 99° on the 28th equalled the highest temperature of record for May. Showers finally broke out in the Birmingham area on the last three days of the month, and news media and agricultural interests called it "The Million Dollar Rain".

At Mobile the mean temperature was 80.1°, or 6° above normal, making it the warmest May in some 91 years of record. During the month the temperature reached 90° or above on 24 days, and 95° or above on 10 days. Total rainfall for the month 0.45 inches, was the driest May of record.

At Meridian, Miss., near the west-central Alabama line, there was no measurable rain from April 28th until May 30th, which set an all-time record for consecutive days without rain for this time of the year.

Some people thought that the May, 1962 drought was as bad as the 1954 drought, which was the worst drought of record in Alabama. A comparison of the two droughts in Montgomery, for the first five months of the year, are given below:

1954 Rainfall Data		CUMULATIVE DEPARTURE FROM NORMAL		PERCENTAGE OF NORMAL
MONTH	TOTAL	DEPT FROM NORMAL	FROM NORMAL	
Jan.	0.72	- 3.34	- 3.34	18%
Feb.	3.40	- 0.96	- 4.30	78%
Mar.	4.67	- 1.49	- 5.79	76%
Apr.	2.06	- 2.83	- 8.62	42%
May	1.48	- 1.99	-10.61	43%

1962 Rainfall Data

Jan.	5.20	+ 1.14	+ 1.14	128%
Feb.	2.51	- 1.85	- 0.71	58%
Mar.	7.45	+ 1.29	+ 0.58	121%
Apr.	6.41	+ 1.52	+ 2.10	131%
May	1.14	- 2.33	- 0.23	33%

In 1954 precipitation was below normal for each of the 5 months, January-May, with the cumulative percentage of normal being 54 percent at the end of May. In 1962 precipitation was below normal only in February and March, and April. The cumulative percentage of normal for the 5-month period, January-May, 1962, was 99%.

A comparison of the number of Agricultural drought days at Montgomery, using Van Bavel's (1) method of computation, is given below:

NUMBER OF DROUGHT DAYS AT SOIL DEPTHS IN INCHES

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
May, 1954	21	16	6	0	0
May, 1962	24	22	16	9	3

From the above it is evident that the soil was much drier in the Montgomery, Ala. area during May, 1962 than it was in May 1954.

The Montgomery Water Board stated that water consumption in Montgomery hit an all-time monthly high during May, 1962. Water consumption soared to a total of 717,644 gallons for a daily average of 23,150,000. The highest day during the month was also a record-breaker, with 28,421,000 gallons being used on May 28.

Out of some 179 stations reporting rainfall during the month 92 (51%) reported 1.00 inch or less, 46 (26%) reported .50 inch or less, and, 25 (14%) reported 0.25 inch or less. Coffee Springs reported no rain during the entire month.

Runoff was deficient because there was no appreciable rain from the latter part of April until the last few days of May. Storage in Lake Martin decreased and was 4 % less than a year ago but 2 percent above average. The U. S. Geological Survey reported that ground-water levels in observation well declined.

The water level in the key artesian well in the heavily pumped Selma well field declined 9.10 feet, establishing a record low for May.

Reference

(1) AGRICULTURAL DROUGHT IN ALABAMA, BULLETIN 316, SEPTEMBER 1959, AUBURN UNIVERSITY, WARD, VAN BAVEL, COPE, WARE, AND BOUWER.

Arthur R. Long,
 Weather Bureau State Climatologist
 Dannelly Field, RFD 2
 Montgomery, Alabama

CLIMATOLOGICAL DATA

ALABAMA
MAY 1962

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	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
90° or Above	80° or Above	70° or Above	60° or Above	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More														
NORTHERN VALLEY																											
WENS 2	88.8	59.5	74.2		96	21+	42	3	7	18	0	0	0	2.17		1.04	22	+0	0		3	2	1				
WLE MINA 2 N	91.3	60.5	75.9		99	19	43	3	4	22	0	0	0	1.20		1.15	30	+0	0		1	1	1				
WATUP	89.1	62.4	75.8	5.0	95	20+	44	3	6	19	0	0	0	1.58	- 1.80	.72	30	+0	0		3	2	0				
WAVILLE	89.4	60.9	74.2		95	20+	42	3	10	17	0	0	0	3.38		1.46	22	+0	0		4	4	1				
WVRENCE	90.5	67.1	76.3		96	20+	44	3	4	20	0	0	0	1.37		1.13	30	+0	0		2	1	1				
MOUNTAIN																											
WVTSVILLE WB AP	89.7	67.4	76.1	5.7	96	28+	44	3	5	22	0	0	0	1.55	- 1.84	.71	30	+0	0		3	2	0				
WVISON	88.5	60.0M	74.3M	4.6	98	21	43	3	7	18	0	0	0	1.51	- 1.97	1.20	30	+0	0		2	1	1				
WVILTON 2	89.9	60.3	75.1		96	19+	42	3	3	21	0	0	0	2.97		1.74	21	+0	0		2	2	2				
WVLCLE SHOALS FAA AP	90.0	60.8	75.4		97	28	43	3	4	20	0	0	0	1.41		1.15	30	+0	0		2	1	1				
WVMAPKET 2					95	28					0	0	0			1.38	30	+0	0				1				
WVW BAY	88.3	63.9	76.1		96	29	48	2	7	19	0	0	0	2.75		2.25	30	+0	0		2	2	1				
WVSTONE ARSENAL	87.5	58.2	72.9		95	18+	43	3	10	12	0	0	0	1.78		.68	30	+0	0		3	2	0				
WVSELVILLE 2	87.9	56.0	72.0		95	17	39	3	18	17	0	0	0	1.03		.47	31	+0	0		3	0	0				
WVVERLOO	88.2	57.9	73.1		95	29	39	3	16	18	0	0	0	2.44		2.21	30	+0	0		2	1	1				
WVDIVISION			74.7	4.9										1.93	- 1.54			+0									
APPALACHIAN MOUNTAIN																											
WVDEPTVILLE 2 SE	87.2	59.9	73.6	4.9	94	20+	46	4+	10	12	0	0	0	1.50	- 2.15	1.11	30	+0	0		3	1	1				
WVSEMER 4 SW	89.9	60.0	75.0		97	19	42	3	5	19	0	0	0	.39		.27	31	+0	0		2	0	0				
WVWIMINGHAM WB AP	92.3	64.8	78.6	8.3	99	28	47	3	1	23	0	0	0	1.26	- 2.16	.90	30	+0	0		3	1	0				
WVWOGEPORT 2 W	89.7	57.6	73.7		97	19	39	3	9	18	0	0	0	2.48		.89	30	+0	0		5	3	0				
WVWTEPSVILLE	90.1	60.2	75.2		99	17	44	3	3	22	0	0	0	2.07		1.09	30	+0	0		2	2	1				
WVWONTA	89.8	56.3	73.1		98	19	38	3	9	19	0	0	0	1.57		.72	30	+0	0		3	2	0				
WVWNT BERNAPO	88.2	59.7	74.0	5.2	94	20+	43	3	8	17	0	0	0	3.29	- .22	1.65	22	+0	0				1				
WVWNO MT SUBSTATION A U	87.5M	60.1M	73.8M		94	28+	38	3	12	14	0	0	0	2.28		1.75	30	+0	0		3	1	1				
WVWNTTSBORO	88.9	56.9	72.9	3.8	96	29+	41	3	11	19	0	0	0	1.35	- 2.45	1.00	30	+0	0		2	1	1				
WVWLEY HEAD	87.3	56.4	70.9	3.2	94	29	37	3	21	14	0	0	0	2.27	- 1.33	2.07	30	+0	0		2	1	1				
WVDIVISION			74.1	4.8										1.85	- 1.68			+0									
UPPER PLAINS																											
WVWCEVILLE	89.6	62.9	76.3		96	22+	58	3+	9	21	0	0	0	.67		.35	17	+0	0		2	0	0				
WVWKHEAD LOCK AND OAM	89.6	58.8	74.2		96	20+	43	3	7	20	0	0	0	.97		.49	31	+0	0		3	0	0				
WVWSTREVILLE	91.3	59.4	75.4	3.5	97	19	42	3	6	22	0	0	0	.70	- 3.44	.70	31	+0	0		1	1	0				
WVWNTON	89.4	59.9	74.7	3.1	97	19	42	3	8	19	0	0	0	1.48	- 2.58	.83	30	+0	0		3	2	0				
WVWBLE SPRINGS	88.8	58.5	73.7		95	29+	41	3	9	16	0	0	0	.90		.76	31	+0	0		1	1	0				
WVWLETTE	91.1	59.1	75.1		97	19+	43	3	4	21	0	0	0	1.26		1.10	31	+0	0		1	1	1				
WVWEYVILLE	87.5	58.8	73.1		93	30+	43	3	9	13	0	0	0	1.14		.76	31	+0	0		2	1	0				
WVWILTON 3 S	89.1	55.0	72.1		96	20	39	3	14	19	0	0	0	1.00		.90	31	+0	0		1	1	0				
WVWPER 4 N	89.9	56.8	72.9		96	28+	39	3	8	21	0	0	0	1.44		1.42	30	+0	0		1	1	1				
WVWTTVILLE	92.3	62.0	77.2	5.1	99	19+	46	3	0	25	0	0	0	2.32	- 1.47	1.14	31	+0	0		3	2	1				
WVWRSBY EXP STATION	89.4	62.5	76.0		97	18	46	3	3	19	0	0	0	.45		.17	30+	+0	0		3	0	0				
WVWCALOOSA FAA AIRPORT	90.3	62.4	76.4		97	19	46	3	1	21	0	0	0	1.58		1.36	30	+0	0		2	1	1				
WVWCALOOSA OLIVER OAM	90.4	60.3	75.4	3.4	96	25+	44	3	7	22	0	0	0	1.02	- 3.17	.97	31	+0	0		1	1	0				
WVWNON	90.2	68.5	74.4		97	17	43	3	4	22	0	0	0	.93		.64	31	+0	0		2	1	0				
WVDIVISION			74.8	3.6										1.13	- 2.70			+0									
EASTERN VALLEY																											
WVWISTON FAA AIRPORT	89.9	60.7	75.3		98	16	41	3	4	19	0	0	0	.89		.34	29	+0	0		3	0	0				
WVWERA 2 SW	91.2	58.7	75.0		98	28+	41	3	4	21	0	0	0	.80	- 2.85	.80	30	+0	0		1	1	0				
WVWETRE 5 SW	90.3	58.9	74.6		98	29	41	3	12	21	0	0	0	2.13		1.57	30	+0	0		2	1	1				
WVWLOEPSBURG WTR PLANT	90.7	58.8	74.8		97	19+	41	3	5	20	0	0	0	1.32		.95	30	+0	0		2	1	0				
WVWMOEN GAS PLANT	90.0	58.7	74.4	4.5	97	28+	41	3	4	18	0	0	0	1.84		1.40	30	+0	0		3	1	1				
WVWML CITY 1 NNE														1.53		.61	30	+0	0		4	1	0				
WVWACAUGA 4 NE	89.3	59.3	74.3		95	28+	40	3	5	18	0	0	0	.41		.22	30	+0	0		2	0	0				
WVWLAOEGA	89.4	58.9	74.2	3.3	96	28	40	3	8	18	0	0	0	.61	- 2.77	.48	30	+0	0		2	0	0				
WVDIVISION			74.7	4.4										1.19	- 2.14			+0									
PIEDMONT PLATEAU																											
WVWXANAOER CITY 6 NE	91.1	56.1	73.6		96	19+	37	3	6	21	0	0	0	.06		.03	30	+0	0		0	0	0				
WVWURN 3 SW	91.2	59.0	75.1	3.2	98	20+	42	3	5	22	0	0	0	.61	- 3.01	.31	30	+0	0		2	0	0				
WVWUP HILL 2 NW	89.5	57.9	73.7		96	20	39	3	13	18	0	0	0	.21		.12	17	+0	0		1	0	0				
WVWULIN	88.7	55.7	72.2		97	21	36	2	16	17	0	0	0	1.69		1.10	30	+0	0		3	1	1				
WVWUYETTE	90.0	61.9	76.0		98	19	48	3	2	19	0	0	0	.26		.12	30	+0	0		2	0	0				
WVWUTIN OAM	89.5	61.3	75.4		98	18	44	3	4	18	0	0	0	.66	- 2.75	.33	30	+0	0		2	0	0				
WVWULIKA	89.4	58.2	73.8		96	22+	42	4+	10	15	0	0	0	.94		.43	31	+0	0		3	0	0				
WVWULKFORO	91.1	56.2	73.7		98	20	40	3	11	21	0	0	0	1.10		1.05	30	+0	0		1	1	1				
WVWULK MILLS	91.6	57.5	74.6		98	19+	40	3	4	22	0	0	0	.50		.13	22+	+0	0		3	0	0				
WVDIVISION			74.2	2.8										.67	- 2.89			+0									
PRAIRIE																											
WVWUTON	90.0	63.																									

CLIMATOLOGICAL DATA

ALABAMA
MAY 1961

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		
										0° or Above	32° or Below	37° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	30 or More	
																							Max.
MINTER 3 NW	89.3	61.7	75.5		96	21+	46	3	6	18	0	0	0	2.18		.80	2	.0	0		3	3	0
MONTGOMERY WB AP	90.7	63.6	77.2	4.8	97	21+	47	3	2	21	0	0	0	1.14	- 2.33	.50	16	.0	0		3	1	0
SELMA	92.4	64.7	78.6	5.0	99	19	48	3	0	24	0	0	0	.44	- 3.60	.41	31	.0	0		1	0	0
TUSKEGEE 2	90.4	62.3	76.4	4.1	96	28+	48	3	1	20	0	0	0	2.37	- .92	.98	30	.0	0		3	3	0
UNION SPRINGS 5 S	90.5	62.4	76.5	3.6	97	20	46	3	4	21	0	0	0	.62	- 2.77	.62	31	.0	0		1	1	0
DIVISION			76.6	3.5										1.07	- 2.61			.0					
COASTAL PLAIN																							
ANDALUSIA 1 NW	92.0	61.5	76.8		98	29+	49	3	2	24	0	0	0	.19		.19	18	.0	0		1	0	0
ATMORE STATE FARM	91.6	63.5	77.6		97	20+	50	3	0	23	0	0	0	2.46		1.88	31	.0	0		2	2	1
BRANTLEY	92.0	58.2	75.1		98	22+	42	3	6	23	0	0	0	.11	- 3.94	.11	18	.0	0		1	0	0
BREWTON 3 SSE	93.1	59.4	76.3	3.7	99	26	48	3	1	27	0	0	0	.18	- 4.59	.18	18	.0	0		1	0	0
CAMDEN 3 NW	90.9	62.0	76.5		98	28	46	3	2	21	0	0	0	1.17		.69	30	.0	0		3	1	0
CHATAM	91.4	57.5M	74.5M		97	28	41	3	3	23	0	0	0	3.12		2.06	30	.0	0		4	2	1
CLAYTON	91.3	63.7	77.5		98	20	51	3	0	18	0	0	0	.36	- 3.69	.27	30	.0	0		1	0	0
DOTHAN FAA AIRPORT	91.4	65.8	78.6		98	20	53	3	0	23	0	0	0	.45	- 2.95	.25	18	.0	0		2	0	0
ENTERPRISE	91.9	65.4	78.7		98	20	54	3	0	21	0	0	0	.08		.08	17	.0	0		0	0	0
EUFULA	93.4	59.5	76.5	2.6	100	21	46	3	2	26	0	0	0	.84	- 3.17	.66	30	.0	0		2	1	0
EVERGREEN	92.3	60.3	76.3		99	29	45	3	3	24	0	0	0	.57		.57	18	.0	0		1	1	0
FRISCO CITY	90.9	64.3	77.6		98	29	51	3	0	22	0	0	0	.16	- 4.02	.16	18	.0	0		1	0	0
GENEVA	93.5	61.8	77.7		100	22+	50	3	0	27	0	0	0	.19	- 3.84	.18	31	.0	0		1	0	0
GILBERTOWN	90.9	58.7	74.8		97	28	42	3	4	21	0	0	0	2.35		1.87	30	.0	0		3	1	1
GREENVILLE	92.3	64.2	78.3	4.4	97	26+	50	3	0	25	0	0	0	.60	- 3.74	.27	31	.0	0		2	0	0
HEADLAND	91.6	64.5	78.1		98	29+	51	3	0	22	0	0	0	.13		.13	6	.0	0		1	0	0
HIGHLAND HOME	89.5	63.6	76.6	3.4	98	22	54	3	0	17	0	0	0	.15	- 3.70	.15	18	.0	0		1	0	0
LOCKHART	91.5	64.2	77.9		99	29	53	3	0	23	0	0	0	.30		.17	18	.0	0		2	0	0
NATCHEZ	91.2	57.9	74.6		99	28	41	3	6	23	0	0	0	.23		.14	20	.0	0		1	0	0
OZARK 6 NNW	92.6	63.1	77.9	3.7	99	29	52	3	0	25	0	0	0	.28	- 3.91	.28	19	.0	0		1	0	0
PHENIX CITY 2 NNW	90.3	65.6	78.0		97	21+	52	3	0	19	0	0	0	.78		.62	31	.0	0		2	1	0
PUSHMATAHA	91.1	61.0	76.1	4.3	98	29	44	3	5	21	0	0	0	.42	- 3.32	.31	31	.0	0		2	0	0
SEALE	91.0	59.3	75.2		97	28+	44	3	3	21	0	0	0	2.12		1.10	31	.0	0		2	2	2
THOMASVILLE	90.0	63.3	76.7	4.0	97	29	48	3	3	18	0	0	0	1.42	- 2.94	1.12	31	.0	0		2	1	1
TROY	91.0	64.5	77.8	4.5	96	29+	51	3	0	22	0	0	0	.10	- 4.13	.06	31	.0	0		0	0	0
WHATLEY	91.9	59.5	75.7		98	28+	43	3	3	23	0	0	0	1.48		1.15	31	.0	0		2	1	1
DIVISION			76.8	3.3										.78	- 3.40			.0					
GULF																							
BAY MINETTE	89.1	66.0	77.6		95	20	55	3	0	20	0	0	0	1.93		.80	16	.0	0		3	2	0
CITRONELLE	91.1	65.3	78.2	4.0	98	28	58	2	0	22	0	0	0	1.42	- 3.80	.81	30	.0	0		3	1	0
CODEN	88.2	65.9	77.1		95	19	51	3	0	13	0	0	0	.25		.16	31	.0	0		1	0	0
FAIRHOPE 2 NE	89.1	66.7	77.9	3.6	96	19	54	3	0	15	0	0	0	2.40	- 2.62	1.22	16	.0	0		2	2	2
FORT MORGAN	85.1	72.5	78.8		89	30+	66	3+	0	0	0	0	0	.20		.20	20	.0	0		1	0	0
MOBILE WB AIRPORT	91.5	68.7	80.1	6.0	99	20	56	3	0	24	0	0	0	.45	- 4.43	.13	14+	.0	0		2	0	0
MOBILE	87.8M	68.4M	78.1M	3.2	96	20	57	3	0	16	0	0	0	1.10	- 3.62	.70	31	.0	0		2	1	0
ROBERTSDALE 1 E	89.6	64.2	76.9		95	20	52	3	0	19	0	0	0	1.03	- 4.44	.70	17	.0	0		3	1	0
DIVISION			78.1	3.7										1.10	- 3.91			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:DD a CST	Noon CST	6:DD p CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
BIRMINGHAM WB AIRPORT	ENE	8	7.1	33	NW	30	69	74	39	39	1	1	2	1	0	0	5	86	4.0
HUNTSVILLE WB AIRPORT	SE	9	5.1	29++	SSE	29	73	80	40	44	2	2	1	2	0	0	7	-	4.2
MOBILE WB AIRPORT	SW	12	7.9	30	ESE	16	81	84	42	55	1	3	2	0	0	0	6	-	3.8
MONTGOMERY WB AIRPORT	WSW	13	6.0	27	N	30+	79	87	45	51	3	3	2	1	0	0	9	83	3.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA
MAY 1962

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			
ALBERTVILLE 2 SE	MAX 65	80	70	77	80	82	84	85	86	88	88	89	90	90	87	89	94	90	93	94	91	92	89	88	87	89	91	91	92	91	81	83	87.2	
	MIN	46	55	37	46	47	45	49	53	51	59	58	62	62	65	64	63	62	65	69	61	62	62	63	64	66	67	60	62	62	60	59.9		
ALEXANDER CITY 6 NE	MAX	89	83	81	86	85	88	89	90	91	90	92	93	96	89	92	94	91	96	95	95	94	90	94	94	94	95	95	93	89	86	91.1		
	MIN	60	55	37	46	47	45	49	53	51	59	58	55	56	62	57	58	62	55	62	61	58	59	57	56	58	59	60	60	62	60	56.1		
ALICEVILLE	MAX	84	52	83	86	84	87	88	90	91	91	92	94	93	90	93	95	94	92	94	96	95	96	90	88	92	94	95	94	88	83	89.6		
	MIN	58	59	58	60	59	62	60	59	65	61	61	64	60	62	64	66	64	60	61	64	68	69	62	60	64	66	71	70	68	62	62	62.9	
ANDALUSIA 1 NW	MAX	90	88	77	80	84	85	87	89	91	90	90	92	94	95	94	92	97	92	94	97	96	95	96	93	94	96	98	97	95	92	90.0		
	MIN	64	63	49	52	54	55	55	59	58	61	60	58	61	64	59	62	67	60	66	63	65	64	62	67	69	63	66	64	68	69	63	61.5	
ANNISTON FAA AIRPORT	MAX	85	74	80	83	84	85	87	87	89	91	92	94	94	91	94	98	94	97	97	94	95	93	85	90	92	93	93	96	93	85	83	89.9	
	MIN	65	56	41	51	51	51	54	58	55	64	63	58	63	71	62	66	64	59	63	61	61	65	60	61	63	65	66	66	68	66	66	60.7	
ATHENS 2	MAX	78	80	73	80	82	84	86	88	89	87	90	91	92	94	87	91	95	94	95	96	96	94	90	88	90	91	93	92	95	79	88.8		
	MIN	64	50	42	49	49	51	58	58	56	60	66	56	58	64	60	60	59	61	68	60	60	63	66	63	64	64	64	64	64	65	58	59.5	
ATMORE STATE FARM	MAX	86	85	83	85	88	89	90	90	90	91	93	97	93	88	91	97	95	94	97	97	95	92	91	92	94	95	94	96	93	92	88	91.6	
	MIN	61	60	50	57	56	52	56	60	63	64	62	63	66	66	63	63	65	64	70	69	70	65	66	68	68	65	69	65	70	70	62	63.5	
AUBURN 3 SW	MAX	87	86	78	80	86	84	87	88	90	89	90	95	92	90	92	96	92	98	98	97	97	95	90	92	94	95	95	96	94	94	91.2		
	MIN	60	60	42	50	50	49	52	56	53	54	60	58	64	64	58	64	63	59	65	68	66	61	59	60	60	60	63	62	62	64	63	59.0	
BANKHEAD LOCK AND DAM	MAX	84	80	75	80	85	85	87	89	88	90	91	91	93	95	90	90	95	92	96	96	94	95	93	85	90	92	93	94	94	91	86	89.6	
	MIN	63	53	43	48	50	50	56	51	54	60	60	56	52	63	61	61	61	62	61	62	61	64	62	65	62	64	61	64	66	65	60	58.8	
BAY MINETTE	MAX	86	78	80	85	86	88	90	90	90	91	91	94	91	85	91	92	90	92	93	95	91	90	89	90	92	92	92	92	90	89	87	89.1	
	MIN	66	60	55	59	59	59	62	68	63	63	67	67	67	67	67	67	64	66	65	70	70	70	67	67	70	78	68	71	69	70	67	64	66.0
BELLE MINA 2 N	MAX	83	75	83	86	88	89	91	91	89	92	95	94	95	92	92	95	92	97	99	95	95	94	90	93	93	95	94	98	94	88	83	91.3	
	MIN	65	51	43	49	51	51	58	59	54	60	65	59	60	67	62	62	62	62	69	60	65	62	65	63	65	65	66	65	70	63	60	60.5	
BESSEMER 4 SW	MAX	84	75	79	85	85	87	89	89	91	91	91	93	92	88	90	94	91	96	97	96	94	92	86	90	93	95	96	96	93	86	82	89.9	
	MIN	63	52	42	49	49	51	55	58	55	62	63	57	58	68	60	61	62	61	64	61	63	64	63	63	65	65	66	65	69	66	62	60.0	
BIRMINGHAM W8 AP	MAX	87	76	82	85	87	91	91	92	94	92	95	96	98	92	93	97	98	98	97	98	96	98	92	95	97	98	99	98	96	88	82	92.3	
	MIN	66	52	47	53	56	57	60	63	61	66	67	63	65	70	66	68	69	66	67	66	70	68	70	67	68	73	72	72	71	66	65	64.8	
BRANTLEY	MAX	88	89	78	80	85	86	89	90	91	91	93	94	96	92	89	90	96	91	96	98	98	96	94	95	96	97	96	97	94	90	92.0		
	MIN	58	62	42	48	49	51	50	54	54	57	60	56	60	60	57	59	60	57	63	63	61	65	60	63	63	59	63	61	65	63	60	58.2	
BREWTON 3 SSE	MAX	90	79	80	87	88	90	91	94	94	93	94	96	95	93	91	95	92	95	97	98	97	96	94	97	98	99	96	97	92	95	94	93.1	
	MIN	61	62	48	56	61	50	51	55	54	55	60	56	59	61	59	57	62	59	64	63	63	61	59	62	64	64	62	65	62	68	62	59.4	
BRIDGEPORT 2 W	MAX	82	77	81	82	84	88	89	89	88	88	91	91	93	90	93	94	94	96	97	94	94	94	89	92	92	93	96	94	92	81	82	89.7	
	MIN	65	47	39	46	46	46	53	54	53	59	64	56	55	61	59	59	58	59	61	58	57	59	60	59	60	60	73	69	66	63	61	57.6	
CALERA 2 SW	MAX	86	79	80	84	85	88	89	90	92	91	93	94	93	90	92	97	94	97	97	96	98	94	89	92	94	96	96	98	93	88	82	91.2	
	MIN	64	53	41	49	53	50	52	56	55	60	59	56	56	61	58	59	63	59	62	61	62	61	61	60	64	62	65	66	68	65	62	58.7	
CAMDEN 3 NW	MAX	86	83	79	85	85	87	88	90	90	89	91	94	93	91	90	95	92	95	95	95	95	94	88	93	95	95	94	98	94	81	87	90.9	
	MIN	64	57	46	52	52	54	57	59	59	61	64	61	61	65	61	62	67	61	67	67	66	65	64	67	68	66	67	68	69	64	62	62.0	
CAMP HILL 2 NW	MAX	85	85	75	76	84	83	85	87	89	89	87	90	92	90	88	90	94	90	95	96	95	95	95	91	92	92	93	94	94	93	89	89.5	
	MIN	60	58	39	44	48	48	52	56	58	54	58	58	61	65	58	59	62	58	60	63	63	60	61	59	60	62	60	66	64	60	57.9		
CENTRE 5 SW	MAX	86	84	75	71	86	85	87	90	84	91	90	94	94	94	90	92	96	92	97	97	95	95	93	86	91	94	95	96	98	95	86	90.3	
	MIN	62	55	41	48	49	50	55	57	57	57	63	57	57	63	59	62	60	60	62	60	62	62	63	62	60	63	62	63	66	64	64	58.9	
CENTREVILLE	MAX	88	87	76	81	85	86	88	90	91	92	93	92	95	93	91	90	95	96	97	96	95	95	89	92	95	96	96	93	96	94	89	91.3	
	MIN	64	54	42	49	50	51	53	45	54	60	62	57	58	63	62	58	63	62	60	62	64	63	61	63	62	64	66	63	67	70	62	59.4	
CHATAM	MAX	85	79	82	85	88	89	89	90	90	91	94	96	96	90	92	95	92	94	94	96	94	92	90	92	95	95	95	97	95	95	85	91.4	
	MIN	60	52	41	47	46	51	54	58	54	57	59	58	58	60	58	57	60	58	57	60	59	62	60	67	62	59	62	63	64	64	63	57.5	
CHILDERSBURG WTR PLANT	MAX	85	82	79	83	84	87	87	89	90	91	92	93	94	89	91	95	95	97	97	95	96	95	92	91	94	95	94	96	94	86	84	90.7	
	MIN	55	53	41	51	49	50	53	56	54	60	62	57	58	64	61	60	64	59	61	61	57	62	60	60	63	65	65	65	69	63	64	58.8	
CITRONELLE	MAX	86	78	81	86	87	89	91	91	91	92	92	92	93	86	88	95	93	95	94	96	95	94	90	94	96	97	95	98	93	91	85	91.1	
	MIN	64	58	54	59	61	61	61	60	64	62	65	68	65	61	65	71	72	69	67	66	69	68	68	69	69	69	69	69	72	64	65.3		
CLANTON	MAX	84	84	74	78	82	84	85	87	88	90	91	90	93	92	87	90	93</																

DAILY TEMPERATURES

ALABAMA
MAY 1962

Continued

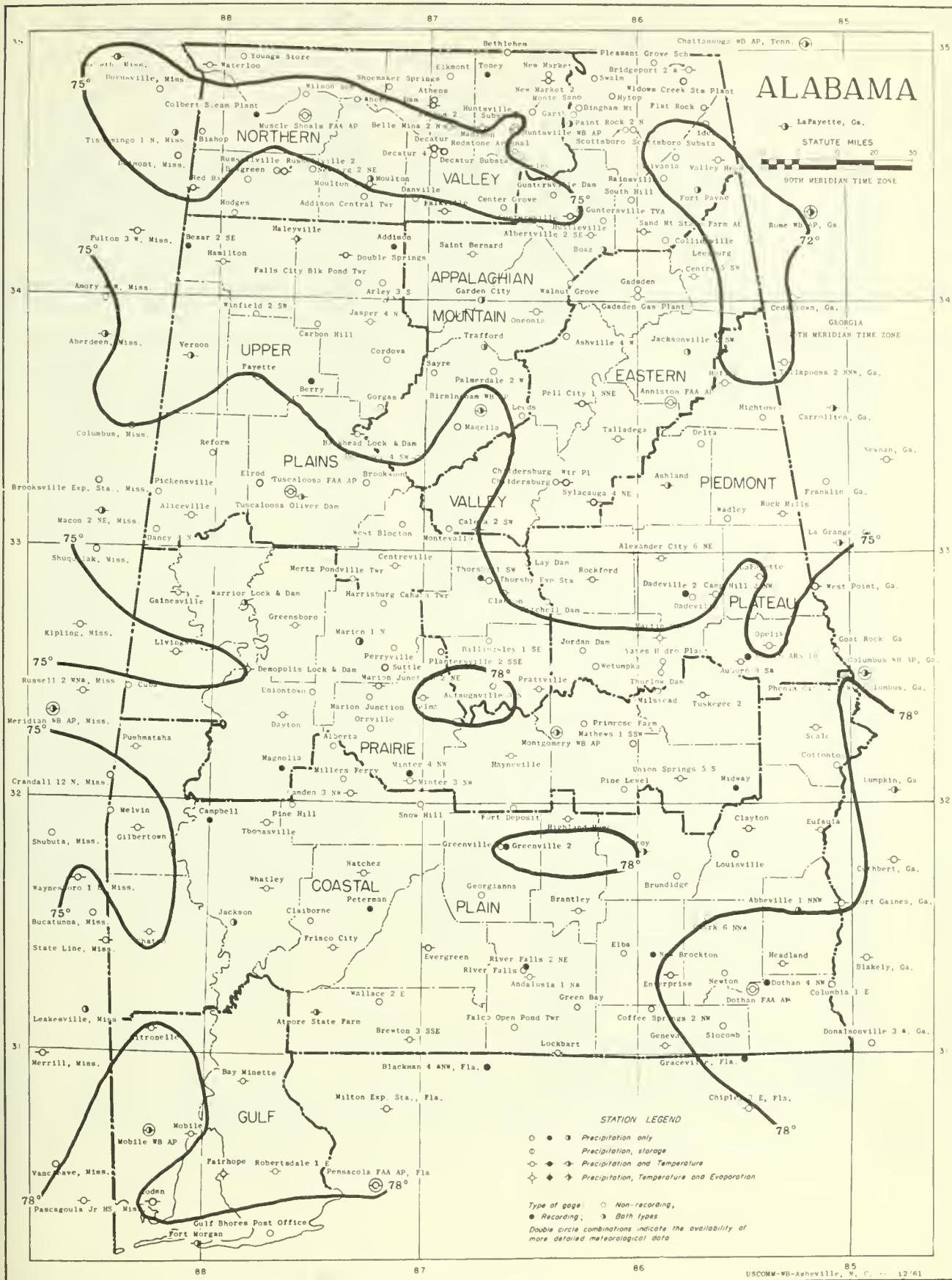
Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
REG BAY	MAX	76	75	73	81	84	85	86	89	89	89	90	91	92	93	90	90	92	92	93	95	93	94	92	88	91	91	95	91	96	90	70
	MIN	60	48	49	51	55	60	64	63	63	63	66	64	66	69	66	64	65	67	67	67	70	66	69	67	69	69	69	68	71	65	62
REOSTONE ARSENAL	MAX	80	72	79	82	84	84	86	86	87	89	89	90	92	88	88	95	92	95	93	90	92	89	87	89	90	90	92	93	89	78	81
	MIN	58	46	43	48	50	49	55	54	55	60	61	55	57	63	59	55	58	61	64	60	63	61	64	65	65	63	63	63	64	60	59
ROBERTSVALE 1 E	MAX	83	84	80	81	86	87	89	88	90	88	91	93	93	91	86	88	94	90	93	95	94	92	90	89	91	92	93	93	94	91	90
	MIN	68	64	52	57	58	56	63	65	63	65	67	63	64	66	62	62	66	70	65	67	69	64	64	67	65	65	68	65	66	71	63
ROCKFORD	MAX	85	87	76	81	85	85	87	89	90	90	92	93	93	92	97	94	94	97	98	97	96	93	88	93	94	95	95	95	95	88	91.1
	MIN	58	56	40	41	48	48	51	54	52	52	59	54	54	60	57	60	60	56	56	62	62	59	56	57	63	60	62	61	61	63	62
ROCK MILLS	MAX	88	84	81	85	84	88	90	89	92	90	93	96	94	89	93	98	94	98	98	96	96	94	91	92	93	93	94	96	95	90	85
	MIN	56	58	40	49	47	51	50	55	54	60	58	57	57	57	57	60	61	57	62	63	60	63	60	58	60	60	63	61	62	60	59
RUSSELLVILLE 2	MAX	84	79	72	80	81	84	85	87	87	87	89	90	90	92	93	94	95	94	93	91	90	92	91	90	89	89	90	94	90	71	
	MIN	63	43	39	43	46	46	54	53	53	57	58	53	56	62	64	59	56	57	55	59	61	57	58	59	58	61	60	59	63	60	57
SAINT BERNARD	MAX	87	83	71	79	81	84	88	87	88	89	90	91	93	94	90	90	94	90	94	91	93	90	84	87	88	91	90	93	90	80	
	MIN	64	52	43	50	51	50	56	57	55	60	63	58	58	62	59	62	61	61	70	66	64	61	64	61	62	63	65	63	67	64	60
SAND MT SUBSTATION A U	MAX	81	74	76	81	80	83	85	87	87	87	89	89	91	89	90	94	91	94	93	90	91	91	85	88	90	92	92	94	91	81	
	MIN	64	50	38	50	48	58	56	60	56	62	64	59	62	68	62	65	62	62	64	62	64	61	65	61	63	64	62	64	64	62	
SCOTTSBORO	MAX	86	81	72	79	82	83	86	85	89	86	89	90	92	92	92	90	94	95	95	96	93	94	92	91	90	90	93	93	96	90	81
	MIN	67	47	41	47	47	47	54	55	54	59	60	55	55	62	59	60	60	60	60	61	50	59	59	59	60	60	59	61	64	63	60
SEALE	MAX	88	78	80	84	85	86	89	89	90	88	91	93	90	88	90	95	92	97	96	96	96	96	93	93	95	95	96	97	95	91	90
	MIN	57	60	44	49	50	50	51	55	55	62	60	59	62	60	58	63	63	58	65	65	62	64	63	60	63	62	63	65	65	63	
SELMA	MAX	87	82	82	87	88	89	90	90	91	93	93	96	93	90	90	95	92	98	99	97	98	96	91	95	96	97	96	98	95	87	
	MIN	67	58	48	56	55	56	58	64	61	67	67	64	64	67	64	65	70	65	70	68	69	68	66	68	70	68	71	70	70	68	
SYLACAUGA 4 NE	MAX	85	79	79	83	84	86	88	89	89	90	91	93	92	88	91	94	91	95	95	93	94	92	84	90	91	93	94	95	91	87	
	MIN	64	55	40	49	48	50	53	56	54	60	62	57	56	67	60	60	63	58	62	60	61	60	61	60	69	64	64	65	68	67	
TALLAOEGA	MAX	84	75	78	82	83	86	86	88	89	89	90	91	93	90	90	94	91	95	95	93	94	95	86	91	94	95	95	96	95	82	
	MIN	62	51	40	49	49	50	53	56	54	59	62	57	58	65	60	61	64	58	63	61	62	61	61	60	61	62	66	66	65	64	
THOMASVILLE	MAX	88	85	76	78	84	85	87	89	89	90	88	90	93	93	88	88	94	91	95	94	94	95	93	87	93	95	95	93	97	93	
	MIN	64	57	48	55	55	55	58	59	60	60	65	62	63	64	63	64	66	64	67	67	68	66	65	68	70	66	70	69	70	63	
THORSBY EXP STATION	MAX	80	82	77	82	83	85	87	87	89	90	90	93	91	87	90	94	90	97	95	94	94	93	92	92	93	93	95	95	93	86	
	MIN	63	55	46	57	53	53	57	61	61	65	64	60	63	65	62	65	66	65	70	69	66	64	65	64	65	65	69	67	68	65	
TROY	MAX	88	77	78	85	84	87	89	90	91	91	93	93	91	90	90	94	89	94	96	96	96	96	93	93	95	96	96	96	96	91	
	MIN	63	61	51	58	58	56	60	63	62	64	66	65	64	65	66	65	68	65	70	69	71	68	65	66	68	67	68	68	69	67	
TUSCALOOSA FAA AIRPORT	MAX	82	78	81	86	86	88	88	90	91	92	92	94	95	90	91	96	93	96	97	96	94	93	85	91	93	94	93	96	93	83	
	MIN	63	52	46	52	54	54	59	59	59	65	63	61	61	66	64	63	65	64	65	66	67	66	66	66	66	67	68	68	69	65	
TUSCALOOSA OLIVER DAM	MAX	96	81	74	81	85	85	86	88	90	90	90	90	94	95	90	91	95	93	96	96	94	95	93	86	96	94	94	93	95	84	
	MIN	63	52	44	46	52	52	56	57	56	61	61	57	59	61	62	61	62	60	62	62	64	63	65	64	68	66	67	66	68	64	
TUSKEGEE 2	MAX	88	78	80	86	86	89	90	91	91	88	91	94	91	88	88	95	90	95	96	93	94	94	91	92	92	93	94	96	92	89	
	MIN	61	61	48	53	55	55	57	59	59	60	64	63	65	65	63	68	66	63	67	68	66	64	64	64	64	64	66	66	67	65	
UNION SPRINGS 5 5	MAX	86	87	76	78	85	84	85	87	89	90	89	91	91	92	91	90	92	92	94	97	94	96	96	92	94	95	96	96	95	92	
	MIN	63	51	46	52	52	52	54	58	60	64	64	67	68	65	69	68	66	66	65	67	66	64	64	65	64	68	69	69	63	62	
VALLEY HEAD	MAX	72	85	71	77	82	81	85	85	87	89	88	88	90	91	86	90	92	90	93	93	91	90	92	86	89	92	93	92	94	88	
	MIN	63	48	37	44	43	45	50	53	50	56	61	52	52	62	58	58	56	56	58	57	56	57	56	56	56	57	56	58	67	61	
VERNON	MAX	86	81	78	83	87	87	87	91	90	91	91	92	94	95	90	91	97	94	95	96	96	95	93	86	90	92	94	93	95	90	
	MIN	63	48	43	47	50	50	57	55	54	59	60	55	58	64	61	59	60	61	58	59	64	62	63	60	61	63	62	62	67	65	
WATERLOO	MAX	85	76	73	80	83	85	85	88	88	87	89	90	91	92	92	90	92	92	93	92	91	92	90	87	90	91	92	93	95	91	
	MIN	64	44	39	45	48	48	55	57	54	59	63	52	58	62	61	58	57	59	56	57	61	60	71	67	63	63	62	62	67	64	
WHATLEY	MAX	87	80	80	87	87	90	91	91	92	91	94	96	95	89	89	95	92	96	96	98	98	94	91	95	95	96	95	98	92	88	
	MIN	63	56	43	47	48	60	60	55	53	57	60	57	57	60	59	59	63	60	66	63	68	61	60	65	65	60	63	64	65	65	

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	
OEMOPOLIS LOCK & DAM	EVAP	.39	.09	.31	.20	.22	.13	.30	.20	.15	.11	.35	.27	.22	.14	.26	.34	.10	.22	.17	.26	.17	.29	.34	.25	.21	.22	.32	.24	.36	.15	
	WIND	146	70	66	10	13	22	24	11	54	43	22	24	14	31	45																

AVERAGE TEMPERATURE

ALABAMA
MAY 1962



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
MAY 1962

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ABBEVILLE 1 MW	0008	HENRY	4 31 35	85 19	485	7A	C	JOHN S. RICHBURG	LIVINGSTON	4798	SUMTER	13 32 35	88 11	160	7P	7P	PROF. E. J. MURPHEY						
ADODSON	0063	WINSTON	2 34 13	87 11	765	7A	C	PALMER GOODEY	LOCKHART	4822	COVINGTON	9 31 01	86 22	290	8A	8A	H. C. YOUNG						
ALBERTA	0140	WILCOX	1 32 14	87 25	175	8A	H	SIDNEY J. HARDY, SR.	LOUISVILLE	4884	BARBOUR	5 31 48	85 33	470	7A	7A	H. JOHN B. ARO						
ALBERTVILLE 2 SE	0140	WILCOX	1 32 14	87 25	175	8A	H	JOHN M. CULP	MADISON	4816	MADISON	5 34 42	85 23	575	9A	9A	H. BARBARA S. YLOR, JR.						
ALEXANDER CITY 6	0163	TALLAPOSA	11 32 59	85 52	660	5A	SP	M. DOUGLAS M. SANFORD	MAGELLA	4996	JEFFERSON	3 33 30	86 51	654	7A	7A	H. ALABAMA POWER CO.						
ALICEVILLE	0178	PICKENS	13 33 07	88 07	140	7A	TA	H. MRS. CHERRY J. HERMOND	MAGNOLIA	5004	MARENGO	1 32 08	87 39	185	7A	7A	C. DR. T. H. GALLARD						
ANDALUSIA 1 NW	0252	COVINGTON	6 31 19	86 30	260	8A	8A	H. JAMES P. GILLIS	MARION 1 M	5108	PERRY	2 32 38	87 18	210	7A	7A	C. ROBERT J. CURRY						
ANNISTON FAA AP	0272	CALHOUN	7 33 35	85 51	500	M10	M10	H. FED. AVIATION AGENCY	MARION JUNCTION 1 ENE	5131	DALLAS	3 32 27	87 13	202	7A	7A	H. R. L. SIMONTON						
BAY MINETTE	0308	WINSTON	2 34 03	87 13	500	7A	7A	H. MRS. DORA M. DAVIS	MARION JUNCTION 2 NE	5143	DALLAS	3 32 27	87 13	202	6P	6P	H. ALABAMA UNIVERSITY						
0369 CLAY	11 33 16	85 51	1060	6P	6P	C	H	HENRY L. MC QUEEN	MARTIN DAM	5140	ELMORE	11 32 40	85 55	335	6P	6P	H. ALABAMA POWER CO.						
ASHVILLE 4 W	0377	ST. CLAIR	7 33 51	86 20	590	7A	7A	JOHN T. SWINDALL	MATHEWS 1 5SW	5172	MONTGOMERY	11 32 15	86 01	190	7A	7A	H. E. PAUL GOWAN						
ATHENS 2	0395	LIMESTONE	12 34 48	86 59	720	9A	9A	H. RADIO STATION W/MW	MELVIM	5354	CHOCTAW	13 31 56	88 12	350	7A	7A	H. ERNEST W. LAMO						
ATMORE STATE FARM	0402	ESCAMBIA	8 31 10	87 29	300	4P	4P	H. ATMORE STATE FARM	MELTZ PONDVILLE TOWER	5382	BIBB	3 32 53	87 20	400	7A	7A	H. U.S. FOREST SERVICE						
AUBURN 3 SW	0422	LEE	11 32 34	85 31	730	8A	8A	H. MRS. MARTHA J. MOORE	MIDWAY	5397	BULLOCK	4 32 04	85 32	490	7A	7A	C. MRS. SARA D. MALL						
0427 LEE	11 32 36	85 29	700	8A	8A	C	H	AGRI. RESEARCH SERVICE	MILLERS FERRY	5417	WILCOX	1 32 06	87 22	78	5A	5A	H. FRED HENDERSON						
AUTAGAUGA 3 N	0440	AUTAGAUGA	1 32 28	86 41	200	6A	6A	H. J. B. NEIGHBORS	MILSTEAD	5439	MACON	11 32 27	85 54	206	9A	9A	C. D. MAMMONO, JR.						
BANKHEAD LOCK AND DAM	0505	TUSCALOOSA	2 33 29	87 20	280	7A	7A	H. CORP. OF ENGINEERS	MINTER 3 NW	5440	DALLAS	1 32 06	87 03	370	7A	7A	H. HENRY J. YATES						
BARDWELL	0583	BALDWIN	12 32 53	87 43	268	7P	7P	H. GROWER W. WOODWARD	MINSTER 4 NW	5454	DALLAS	1 32 07	87 03	370	7A	7A	H. T. E. LIDE						
BELLE MINA 2 M	0655	LIMESTONE	12 34 42	86 53	600	5P	5P	H. AUBURN UNIVERSITY	MITCHELL DAM	5465	CHILTON	7 32 48	86 27	350	6A	6A	H. ALABAMA POWER CO.						
BERRY	0748	FAYETTE	2 33 40	87 36	452	7A	7A	H. MISS CLARA R. OLIVE	MOBILE W/ AIRPORT	5468	MOBILE	9 30 41	88 15	211	M10	M10	C. H. J. U.S. WEATHER BUREAU						
BESSERER 4 SW	0757	JEFFERSON	2 33 22	87 01	533	6A	6A	H. JAMES E. MC CRAVY	MOBILE	5483	MOBILE	9 30 41	88 02	119	8A	8A	H. ROBERT GO. BETANCOURT						
BEAR 2 SE	0790	MARION	11 34 10	88 07	570	7A	7A	C. OSCAR W. LOCKERIDGE	MONTVALLEY	5531	SMELLEY	3 33 06	86 52	462	7A	7A	H. MICHAEL W. BALDWIN						
BILLINGSLEY 1 SE	0823	AUTAGAUGA	1 32 39	86 42	420	6A	6A	H. JOHN R. THOMAS	MONTGOMERY W/ AP	5550	MONTGOMERY	1 32 18	86 24	195	M10	M10	C. H. J. U.S. WEATHER BUREAU						
BIRMINGHAM WB AP	0833	JEFFERSON	2 33 34	86 45	610	M10	M10	H. U.S. WEATHER BUREAU	MOULTON	5625	LAWRENCE	12 34 29	87 16	660	8A	8A	C. JOHN M. KELLY						
0842 MARSHALL	10 33 40	86 10	700	7A	7A	C	H	R. E. HENDERSON	MOULTON 2	5625	LAWRENCE	12 34 29	87 16	660	6P	6P	H. JOHN M. KELLY						
BRANTLEY	1049	CRENSHAW	6 31 05	86 16	274	8A	8A	H. MRS. CLARA T. PEAY	MUSCLE SHOALS FAA AP	5749	COLBERT	12 34 45	87 37	536	M10	M10	H. FED. AVIATION AGENCY						
BREWTON 3 SE	1094	ESCAMBIA	6 31 04	87 03	85	6A	6A	H. MRS. CLARA T. PEAY	NATCHEZ	5785	MONROE	1 31 43	87 16	182	5P	5P	H. S. B. DELON						
BRIDGEPORT 1 M	1099	JACKSON	12 34 56	85 45	660	5P	5P	H. MISS M. LOUISE JEVANS	NEW BROKTON	5842	COFFEY	5 31 24	85 56	460	7A	7A	C. E. L. HERTAN						
BRIDGEPORT 2 SE	1100	TUSCALOOSA	2 33 33	87 13	210	7A	7A	H. WILLIAM L. BRUNIDGE	NEW BROKTON	5842	COFFEY	5 31 24	85 56	460	7A	7A	H. MRS. MARY BROWN						
BRUNIDGE	1178	PIKE	5 31 43	85 49	495	7A	7A	H. HILGORE P. WHITTINGTON	ONDEATA	6121	BLOUNT	2 33 57	86 29	875	7A	7A	H. LONNIE R. MORRIS						
CALERA 2 SW	1288	SHELBY	7 33 05	86 46	540	5P	5P	H. PIERCE A. GARRETT	ORPELIA	6129	LEE	11 32 38	85 23	750	8A	8A	H. RADIO STATION W/MO						
CAMDEN 3 W	1301	WILCOX	1 32 02	87 20	225	5P	5P	H. AUBURN UNIVERSITY	ORVILLE	6161	DALLAS	1 32 18	87 14	200	8A	8A	H. EDWARD B. BARNES						
CAMPBELL	1315	CALHOUN	10 31 55	87 59	93	6A	6A	H. JOE PICKENS	OSAGE 6 NW	6218	DALC	2 31 52	85 41	460	6A	6A	H. JACOB D. WARREN						
CARROLL HILL 2	1324	TALLAPOSA	11 32 54	85 54	64	6A	6A	H. AUBURN UNIVERSITY	PAINT ROCK 2 N	6226	PALMERS	12 34 42	87 18	645	6P	6P	C. GEORGE T. POSLEY						
CARBON HILL	1377	WALKER	2 33 54	87 32	430	7A	7A	H. FLOYD J. GARRISON	PALMERDALE 2 W	6246	JEFFERSON	2 33 44	86 41	798	7A	7A	H. GEORGE T. POSLEY						
CENTRE 5 SW	1512	CHESTER	7 34 06	85 45	620	7A	7A	H. DON R. WATSON	PELL CITY 1 NNE	6329	ST. CLAIR	7 33 36	86 16	955	7A	7A	H. NORMAN A. VAUGHN						
CENTREVILLE	1520	BIBB	3 32 57	87 08	224	6A	6A	H. SHERMAN W. WATTS	PERRVILLE	6362	PERRY	3 32 36	87 09	500	8A	8A	H. MRS. EVELYN M. FULLER						
CHATOH	1566	WASHINGTON	13 31 28	88 15	195	6P	6P	H. G. C. SMITH	PERRVILLE	6362	PERRY	3 32 36	87 09	500	8A	8A	H. MRS. MARY E. FISHER						
CHICKAUGA	1619	TALLADEGA	7 33 17	86 19	317	6A	6A	H. ALABAMA POWER CO.	PHEMIX CITY 2 MW	6398	RUSSELL	4 32 30	85 01	570	8A	8A	C. D. R. MC LEMORE						
CHILDESBURG WTR PLANT	1620	TALLADEGA	7 33 17	86 20	418	5P	5P	H. CITY WATER PLANT	PICKENSVILLE	6414	PICKENS	13 33 13	88 16	165	7A	7A	H. MRS. MARY A. HEDRICK						
CITRONELLE	1685	MOBILE	9 31 05	88 14	331	6P	6P	H. HRS. ESTHER A. W. JONES	PLINE HILL	6460	WILCOX	1 31 59	87 16	110	7A	7A	H. MRS. DELLA L. OAKLEY						
CLABORNE	1690	MONROE	1 31 32	87 31	183	7A	7A	H. TOLLIE L. HASKEN	PINE LEVEL	6468	MONTGOMERY	6 32 04	86 04	506	7A	7A	H. MRS. ENA L. PAUL						
CLAYTON	1694	CHILTON	6 30 38	86 52	570	7A	7A	H. MARION ON	PINE LEVEL	6468	MONTGOMERY	6 32 04	86 04	506	7A	7A	H. MRS. ENA L. PAUL						
CLAYTON	1723	BARBOUR	5 31 53	85 28	607	5P	5P	H. GILBERT G. WARREN	PRATTVILLE	6600	AUTAGAUGA	1 32 28	86 28	290	6P	6P	H. CONTINENTAL OIL CO.						
CODEN	1803	MOBILE	9 30 23	88 13	132	5P	5P	H. AGNES C. KRISTENSEN	PRIMROSE FARM	6684	MONTGOMERY	1 32 18	86 15	180	12M	12M	H. W. E. ELSBERRY						
COFFEY SPRINGS 2 W	1807	GENEVA	5 31 11	85 56	250	6A	6A	H. HENRY P. CHRYSTEL	PUSHMATAHA	6719	CHOCTAW	13 32 12	88 23	260	8A	8A	H. MRS. JANIE C. BROWN						
COLBERT STEAM PLANT	1819	COLBERT	12 34 44	86 50	470	7A	7A	H. T. V. ABERNETHY	RIVER FALLS 2	6942	COVINGTON	6 31 22	86 31	190	7A	7A	C. ALABAMA ELECTRIC CO.						
COLLINSVILLE	1849	DE KALB	8 32 46	85 52	484	7A	7A	H. R. W. APPLETON	RIVER FALLS 1 E	6942	COVINGTON	6 31 22	86 31	190	7A	7A	C. ALABAMA ELECTRIC CO.						
COLUMBIA 1 E	1865	HOUSTON	4 31 17	85 06	68	7A	7A	H. ROBERT E. POPPIE	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
CORDOVA	1940	WALKER	2 33 46	87 11	334	8A	8A	H. MRS. C. GRESMAN	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
COTTONTON	1976	RUSSELL	4 32 09	85 04	211	8A	8A	H. HUGH S. KITE	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
CUBA	2079	SUMTER	13 32 26	88 23	215	7A	7A	H. REUBEN P. MARRIS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DADEVILLE 1	2119	TALLAPOSA	11 32 49	85 45	760	7A	7A	H. WILLIAM L. BARTLETT	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DADEVILLE 2	2124	TALLAPOSA	11 32 50	85 46	730	7A	7A	H. WILLIAM L. BARTLETT	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DANCY 4 W	2161	PICKENS	13 33 04	88 07	407	6P	6P	H. MRS. C. O. WEEKS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DATON	2188	MARENGO	13 32 21	87 39	220	7A	7A	H. JAMES M. LEWIS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DECATUR	2207	MORGAN	12 34 35	86 58	800	8A	8A	H. ROSS A. WALKERS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DELTA	2235	CLAY	11 33 26	85 42	1030	7A	7A	H. MRS. VERNA B. LANDERS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DETRONDIGS LOCK AND DAM	2251	CLAY	11 33 26	85 42	1030	7A	7A	H. MRS. VERNA B. LANDERS	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DOTMAN FAA AIRPORT	2372	HOUSTON	5 31 14	85 26	321	M10	M10	H. FED. AVIATION AGENCY	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DOYAN 4 W	2377	HOUSTON	5 31 13	85 27	301	7A	7A	H. R. E. PILCHER	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
DOUBLE SPRINGS	2386	WINSTON	2 34 10	87 24	800	7A	7A	H. HITCHELL DRAKE	ROCKFORD	7020	COOSA	1 32 53	86 13	650	6A	6A	H. KNUX MC EWEH						
ELBA	2577	COFFEY	10 31 25	86 04																			

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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" Tables refer to extremes of temperatures of water in pan as recorded during 24 hours ending at time of observation.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



JUNE 1962

Volume 68 No. 6



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 24+ at 5 stations

Lowest Temperature: 48° on the 15th at Valley Head

Greatest Total Precipitation: 10.66 inches at Coden

Least Total Precipitation: 1.84 inches at Tuskegee 2

Greatest One-Day Precipitation: 5.05 inches on the 19th at Dancy 4 N

SPECIAL WEATHER SUMMARY

Following the extremely dry weather during May, June rainfall averaged above normal in all eight Climatological Divisions of the State; however, a number of stations again reported below normal rainfall for June.

Effects of Dry Weather Upon the Major Crops

COTTON: Stands were erratic in a number of late planted fields. Seeds which had not germinated because of dry weather sprouted after the showers on the last few days of May and the first week of June, resulting in fields with cotton ranging from just up to squaring in the same row, causing cultivation problems.

CORN: Corn was suffering badly from dry weather, but showers during the first week of June were very helpful. At that time it was believed that the drought would not materially damage corn at such an early stage of development. Planting was resumed in North Alabama after much delay. Normally only bottom lands are planted to corn in June. By mid-June stands of late planted corn were skippy and some of the poorer stands were plowed up and fields planted to sorghums, or other alternative crops.

PEANUTS: Seedling dry rot reduced stands in a number of fields.

SMALL GRAINS: Drought cut yields sharply, particularly in late maturing areas.

IRISH POTATOES: The heavy producing area in South Alabama was not affected by the dry

weather, as the potato crop had matured and harvesting was under way when the drought began. However, yields will be considerably reduced in the late maturing Sand Mountain area of North Alabama.

PEACHES: Production was considerably lower this season than last year, due partly to the drought. Dry weather affected sizing and the quality of the fruit, especially the late maturing varieties.

FRUITS, VEGETABLES, AND MELONS: Fruits, vegetables, and melons were hard hit by dry weather, which affected sizing and quality as well as reducing yield.

HAY AND PASTURES: Dry weather slowed growth and sharply reduced yields. The normal number of hay cuttings will not be made this year due to slow growth as a result of the dry weather.

Dry Weather Continues Through June in Some Areas

Coffee Springs reported no rain for a 35-day period, April 30 - June 3, inclusive, and had only 41 percent of normal rain for the 2-month period. Millers Ferry reported only 38 percent of the normal May and June rainfall. The 21 stations listed in the following Table reported below normal rainfall for both May and June, two critical months for agriculture in Alabama.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

<u>STATION</u>	<u>TOTAL MAY-JUNE RAINFALL</u>	<u>PERCENTAGE OF NORMAL</u>
Albertville	4.50	60%
Auburn	4.05	54%
Birmingham	4.85	65%
Brundidge	3.47	46%
Clanton	4.82	58%
Clayton	4.07	50%
Coffee Springs	3.52	41%
Decatur	4.46	67%
Elba	3.56	41%
Geneva	4.31	52%
Highland Home	3.92	45%
Madison	4.85	69%
Millers Ferry	3.04	38%
Newton	3.99	51%
Ozark	4.22	49%
Prattville	6.39	81%
Primrose Farm	3.59	45%
Tuscaloosa, Oliver Dam	3.47	45%
Tuskegee	4.21	57%
Troy	3.05	40%
Yates Hydro Plant	4.48	56%

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1962

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	33° or Above	33° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN VALLEY																						
HENS 2	86.4	63.7	75.1		95 19	52 15			0	6	0	0	7.59		1.80	19	.0	0		9	6	3
LE MINA 2 N	87.5	64.5	76.0		96 18	55 15			0	7	0	0	3.78		.90	6	.0	0		8	3	0
ATUR	87.3	65.5	76.4	- 2.3	96 19	55 15			0	8	0	0	2.88	- .41	.54	20	.0	0		9	2	0
SKVILLE	87.6M	63.3M	75.5M		97 19	52 16			0	6	0	0	3.21		1.10	23	.0	0		9	2	1
DRENCE	89.7M	65.7M	77.7M		98 24	55 15			0	0	0	0	2.52		.75	12	.0	0		5	3	0
NTSVILLE WB AR																						
DISON	87.2	66.2	76.7	- 1.9	96 18	56 15			0	7	0	0	4.69	- 1.31	.96	3	.0	0		10	5	0
ULTON 2	87.3	65.8	76.6	- 1.0	96 18	56 15			0	6	0	0	3.34	- .18	1.39	5	.0	0		5	3	1
SCALE SHOALS FAA AD	87.4	64.2	75.8		96 18	54 15			0	5	0	0	4.46		2.75	19	.0	0		5	2	1
W MARKET 2	87.4	65.0	76.2		96 18	56 15			0	11	0	0	5.53		2.98	24	.0	0		8	3	1
	86.3	62.0	74.2		94 24	49 15			0	6	0	0	2.96		1.00	27	.0	0		7	2	1
D BAY																						
BOSTONE ARSENAL	86.3	62.8	74.6		97 18	53 15			0	6	0	0	4.90		1.03	26	.0	0		8	4	1
BSELVILLE 2	86.6	61.6	74.1		94 19	49 15			0	5	0	0	6.06		2.02	20	.0	0		7	3	2
FERLOO	86.3	62.9	74.6		93 25+	50 15			0	7	0	0	3.84		.91	13	.0	0		8	3	0
DIVISION																						
			75.7	- 2.0									4.29	.78			.0					
APPALACHIAN MOUNTAIN																						
BERTVILLE 2 SE	84.7	62.8	73.8	- 2.4	93 19	55 15			0	6	0	0	3.00	- .88	1.20	28	.0	0		7	2	1
ESSEMER 4 SW	89.1	64.6	76.9		95 24+	54 16+			0	15	0	0	4.43		1.27	19	.0	0		11	3	1
RMINGHAM WB AR	89.9	68.0	79.0	1.1	96 24	59 15			0	17	0	0	3.59	- .42	1.15	12	.0	0		6	2	2
EDGEPORT 2 W	87.8	62.5	75.2		94 24+	50 15			0	12	0	0	5.11	1.54	1.28	3	.0	0		12	4	1
INTERSVILLE	87.8	64.1	76.0		94 18	55 15			0	8	0	0			.50	3	.0	0		5	1	0
ONTA																						
INT BERNARD	87.3	61.2	74.3		95 19	49 15			0	6	0	0	4.15		1.22	4	.0	0		8	3	2
ND MT SUBSTATION A U	85.7	63.8	74.8	- 1.6	94 20+	55 16+			0	6	0	0	5.08	1.27	1.45	19	.0	0		7	4	2
OTTSBORO	84.9	63.2	74.1		92 18	52 15			0	4	0	0	4.92		1.47	28	.0	0		8	5	1
WLEY HEAD	87.2	61.5	74.4	- 2.4	95 20	50 15			0	9	0	0	5.05	1.21	2.50	27	.0	0		9	3	1
	85.1	60.4	72.8	- 2.5	92 19	48 15			1	5	0	0	5.74	1.92	1.10	13	.0	0		10	5	2
DIVISION																						
			75.1	- 1.7									4.56	.73			.0					
UPPER PLAINS																						
ICEVILLE	89.8	64.0	76.9		98 19	55 15			0	17	0	0	5.89		3.91	20	.0	0		4	2	2
WHEAD LOCK AND DAM	88.6	64.4	76.5		95 25+	56 16+			0	15	0	0	3.16		.73	25	.0	0		7	3	0
NTREVILLE	89.7	65.2	77.5	- 1.4	96 19	57 16+			0	21	0	0	5.92	- 1.55	1.70	12	.0	0		6	4	3
ANTON	88.3	64.8	76.6	- 2.3	94 19+	56 16			0	11	0	0	3.34	- .90	.93	20	.0	0		7	3	0
UBLE SPRINGS	87.2M	61.5M	74.4M		94 24+	54 15			0	0	0	0	4.95		1.08	7	.0	0				1
YETTE																						
MILTON 3 S	89.0	64.0	76.5		96 17	54 16			0	16	0	0	6.30		1.47	10	.0	0		7	6	3
PER 4 N	88.2	61.1	74.7		95 18	51 16+			0	12	0	0	7.16		2.38	25	.0	0		6	4	4
ATTVILLE	88.7	63.2	76.0		95 17	51 16			0	14	0	0	3.02		1.21	12	.0	0		5	3	1
ORSBY EXP STATION	91.9	67.1	79.5	.6	98 17	60 16			0	24	0	0	4.07	- .07	2.45	19	.0	0		7	1	1
	88.3	65.1	76.7		94 18+	59 16+			0	12	0	0	3.45		1.15	12	.0	0		8	2	1
SCALOOSA FAA AIRPORT																						
SCALOOSA OLIVER OAM	89.1	67.7	78.4		94 24+	59 16+			0	16	0	0	3.36		.99	19	.0	0		6	4	0
RNON	89.1	65.1	77.1	- 2.5	95 19+	56 15			0	17	0	0	2.45	- 1.15	.81	20	.0	0		5	3	0
	90.3	64.0	77.2		98 24	53 15			0	16	0	0	3.72		.88	27	.0	0		8	3	0
DIVISION																						
			76.8	- 1.7									4.37	.27			.0					
EASTERN VALLEY																						
NISTON FAA AIRPORT	88.5	65.2	76.9		96 18	53 15			0	11	0	0	3.69		.71	12	.0	0		9	4	0
ERA 2 SW	89.2	64.3	76.8		95 17	55 15			0	19	0	0	4.06	.14	.90	12	.0	0		8	3	0
NRE 5 SW	87.8	63.8	75.8		95 26	55 15			0	11	0	0	4.84		1.35	12	.0	0		9	4	1
LOERSBURG WTR PLANT	88.9	64.5	76.7		94 24+	55 15			0	16	0	0	3.73		1.12	11	.0	0		7	3	1
SOEN GAS PLANT	86.6	63.4	75.0	- 2.6	93 25+	53 15			0	6	0	0	6.36		2.47	28	.0	0		9	5	1
LL CITY 1 NNE																						
LACAUGA 4 NE	86.8	63.1	75.0		93 26+	54 15			0	9	0	0	4.00		1.22	20	.0	0		5	3	2
LLADEGA	86.3	64.4	76.4		94 17	54 16+			0	12	0	0	2.02		.41	12	.0	0		6	0	0
	86.7	64.5	75.6	- 2.5	92 25+	55 15			0	7	0	0	6.58	2.32	1.13	3	.0	0		12	5	1
DIVISION																						
			76.0	- 1.6									4.41	.35			.0					
PIEDMONT PLATEAU																						
YANDER CITY 6 NE	88.9M	61.9M	75.4M		95 24	53 16+			0	0	0	0	5.37		2.17	28	.0	0		8	2	2
BURN 3 SW	90.1	65.1	77.6	- 1.2	96 25	60 15			0	17	0	0	3.44	- .44	.77	8	.0	0		10	2	0
MP HILL 2 NW	88.6	63.9	76.3		95 25	56 16			0	12	0	0	2.49		.65	12	.0	0		7	2	0
FAYETTE	88.9	64.5	76.7		94 25+	58 15			0	15	0	0	6.04		1.46	4	.0	0		8	6	1
RTIN OAM	88.0	66.2	77.1		92 25+	62 22+			0	12	0	0	6.32	2.57	2.61	4	.0	0		9	5	1
ELIKA																						
CKFORD	87.6	63.7	75.7		93 25	54 17			0	11	0	0	3.95		.66	1	.0	0		10	4	0
CK MILLS	88.5	63.5	76.0		95 18	57 16			0	15	0	0	5.26		1.70	26	.0	0		9	5	1
	90.1	64.1	77.1		97 18	54 15			0	16	0	0	4.08		.90	1	.0	0		7	4	0
DIVISION																						
			76.5	- 1.7									4.62	.65			.0					
PRAIRIE																						
YTON	89.4	67.1	78.3		95 19+	63 16			0	19	0	0	4.95		1.03	27	.0	0		11	4	1
OROLIS LOCK AND OAM	86.5	65.5	76.0		93 18	60 16			0	11	0	0	7.43	3.98	2.67	27	.0	0		9	3	2
INESVILLE	89.1	67.0	78.1	- 1.9	96 19+	60 15			0	16	0	0	2.42		.82	20	.0	0		5	1	0
ENSBORO	89.5	66.8	78.2		95 18+	61 15			0	18	0	0	5.91		2.64	11	.0	0		7	3	2
YNEVILLE	91.4	66.4	78.9		97 19+	61 15			0	23	0	0	4.12		1.26	12	.0	0		8	3	1
VINGSTON																						
RION J																						

DAILY PRECIPITATION

ALABAMA
JUNE 196

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	3					
MOULTON 2	4.46	T	T	.05		.77		T	T		.14	.41	.03						2.75	.09		.02				.18	.02										
MUSCLE SHOALS FAA AP	5.53				.23	.09			.11		.25	.72							.62			T	2.98	.21	.32	T											
NATCHEZ	4.21	1.60			.23	.11			T		.10	.15	.03					.40			.34		.01	.06	.61	.07	.41	1.00		.06	.11						
NEW MARKET 2	2.96		.12		.23	.43	.65	.20			.16	.06	.09	.13	.08	.16			.10	.04	.02	.34			.61	.07	.41	1.00		.06	.11						
NEWTON	3.47	.15		.12	.22	.02					.16	.06	.09	.13	.08	.16					.02	.34		.01	.06	.61	.07	.41	1.00		.06	.11					
ONEONTA	4.15	.10		.15	1.22	.05	T		.72		.08	T	.15	1.08	T							.36				.08	.16										
OPELIKA	3.95	.66		.03	.58			.50	.25		.14	.30	.46	.24								.52				.02	.02	.23	.17								
ORVILLE	7.42	.14	.10		.18				.91	.64	.71	1.81										1.19	1.07	1.34		.18											
OZARK & NNW	3.94	.11	.46	T	T	T	T		.07	T	.19	1.40	.09	T	.01						T	1.08	T		T	.49	.25	.02	.15	.35				.67			
RALMORALE 2 W	5.29	.12	.70		.85	.20	.30				.54	.35	.90									1.03				.15	.15										
RELL CITY 1 NNE	4.00	.06	.03		.07						.07	.96	1.07	.03								1.22				.08	.16										
RERRYVILLE	7.47	.02	.04					.16		.55	.02	.02	.10	.87	.31	.25						.04	2.38	.32		.74	1.35	.49	.01	.19							
PHENIX CITY 2 NNW	4.24	.65	.16		.04				.33	.22	.04	.19	T									.04				.74	1.35	.49	.01	.19							
RICKERSVILLE	1.91			.30	.07						.78															.56	.07	.09									
RIME HILL	2.59										.78															.60	.25										
RINE LEVEL	2.35	.24	.41								.23	.26	.58	.28								.01	.02	.27			.05										
RLANTERVILLE 2 SSE	5.22	.07			.85						.13	.15	.05	.81	.25							.52	.50	.71		T	.50	.20	T								
RRATTVILLE	4.07	.03									.13	.15	.05	.81	.25							1.78				.16	.37	.08									
PRIMROSE FARM	3.40	T	.09	.04						.02	.10	.31	.23									1.28				T	1.18	.09									
PUSHMATAHA	8.39	.25	.30	.86				.46	1.43	T		1.51										.11				.27	.58	.02	.40	2.20							
REO BAY	-		.05	.55	.34	.20			.25			.20																									
REOSTONE ARSENAL	4.90	.02	.98	.38	.04	.80					.21	.07										.41	.25		.70	.01		1.03									
REFORM	3.46	.03	.39	.08	.07	.07				.18		.55	.02	.08								1.38					.37	.32	.15								.09
RIVER FALLS	5.83	.50	.20	.90	.12	T	.42			.05	.20	1.15	.15	T												.12	.10										.170
ROBERTSDALE 1 E	7.55			1.95	1.83	.06	.67			.18	.01	.87	.90													.21	.11	.36									1.33
ROCKFORD	5.26	.20		.45	.30						.60	.61	.65														1.70	.20									
ROCK MILLS	4.08	.90		.88	.62	.30		.06				.40	.07	.02								.15	.65													.03	
RUSSELLVILLE 2	6.06		.04	.15	.05	T				.09	.03	.23	.95									2.02				1.83	.49	.18									
SAINT BERNARD	5.08	.02	.68		1.31	.04		T			.02	.02	.35	.13								1.45	.65				.49	.26	.08								
SANO MT SUBSTATION A U	4.92			.25	.82						.04	.03	.59									.56			.40												
SAYRE	4.23	.10	.08			.05				.55	.37	1.10										.19				.19	1.13	.41	.06								
SCOTTSBORO	5.05	.57	.15		.06	.04	.01	.01	.10			.20	.21									.43															
SEALE	4.42	.09	.52		.56	T		T	.05	.32	.31	.29	.77									.05	.32	.03		.06	.94									.02	
SELMA	7.81	T		T						T	T	1.50	.08	T								2.50	.60	.80		T	1.51	.26								.56	
SLOCUMB	5.62				.05			.95	.22	.13	.10	.70													.35	1.10										1.25	
SNOW HILL	2.71	.80								.41		.71																.30									
SUTTLE	6.43	.07	.02							.36		1.51	.61	.23								.58	1.61	.25			.34	.95									
SYLACAUGA 4 NE	2.02		.01	.24	.04	.09				.02	.09	.40	.41	.22								.19				.26	.01	T	.04	T							
TALLADEGA	6.58		.02	1.13	.33	.26	.97		.05	.25	.10	.13	.43	.43								.80					.03	.83	.82								
THOMASVILLE	5.70	.36		.05	T					1.80	.03	.32	.60	.76										.01		.16	.03										
THORSBY EXR STATION	3.45	.07	.06		.02				.01		.17	.60	1.15									.22	.30				.12	.39								.34	
THURLOW DAM	2.58	1.05							T		.02	.69	.39															.11	.03	.22							
TRAFFORD	5.15	.16			.77	.04		.05				1.35																.36	.07								
TROY	2.95	.34	.86			.09					.09	.68	.39		.13	.03											2.00										
TUSCALOOSA FAA AIRPORT	3.36		T	T	T		.01	.68	.01	.16		.01	.67	.61								.99				T	.26									.08	
TUSCALOOSA OLIVER DAM	2.45			.03						.02	.24	.03	.32	.50																							
TUSKEGEE 2	1.84		.06					.22	.24		.27	.25	.16													.09	.06		.50						.31	.04	
UNION SPRINGS 5 S	8.07	2.90	1.20							.15	.42	.85	.22									1.18	.10	T			.80									.15	
UNIONTOWN	6.40	T	T	.44					.05		.06	.38	T									3.30	1.75			.17										.25	
VALLEY HEAD	5.74	T	.59	1.08	.57	.15	.08	.48	.44	T		.52	1.10	.02								.38	T			.22										.06	
VERNON	3.72		.44	.03					.04		.03	.04	.36	.07								.16	.11				.62	.79	.88							.15	
WADLEY	8.89	.65	.17		1.59	.46			.53		.31	.76	.58	.15														.34									
WALLACE 2 E	4.49	.20	.09		.12						T	.90	.73	.32	T							1.23				.10	1.10									1.23	
WALNUT GROVE	5.72				.27	1.10	.67		.15																												
WARRIOR LOCK AND OAM	3.05			.12				.01	.07	.53		.13	.70	.07												.10		.07	.47							.55	
WATERLOO	3.84		.54	.41					.44	.06	.02	.02	.03	.91													.44	.02	.20	.15							
WEST BLOCTON	3.90										.10	.55	.40	.20													.20	1.70	.30								
WETUMPKA	5.18	.29		.02	.03				.07	.37	.04	.77	.84	T								1.82	.58													.12	
WHATLEY	4.03	.15	T	.12				.02	.56		.52	.24	.62											.08		.10										.25	

DAILY TEMPERATURES

ALABAMA
JUNE 1962

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	
BARTVILLE 2 SE	MAX	79	82	86	85	86	83	85	87	81	84	81	83	78	81	79	82	87	90	93	87	83	85	88	90	91	90	90	87	78	80	84.7 62.8
	MIN	63	64	64	61	65	64	63	63	67	67	68	67	67	59	55	56	57	60	66	68	59	59	60	60	64	64	65	65	62	62	
BAXANDER CITY 6 NE	MAX	86	91	90	90	91	92	93	87	89	81	85	88	87	86	87	91						90	84	91	93	94	95	92	93	90	88.9 61.9
	MIN	61	62	60	64	63	59	58	65	65	67	66	67	65	60	53	53						63	65	61	56	63	63	63	63	64	
BICEVILLE	MAX	85	86	85	84	88	90	89	91	92	90	92	84	86	82	84	85	96	96	98	95	85	92	95	96	94	90	88	91	92	93	89.8 64.0
	MIN	60	62	59	61	59	66	60	61	60	64	64	65	66	64	55	56	62	67	69	70	62	62	72	70	69	66	63	70	71	65	
BUDALUSIA 1 NW	MAX	93	92	90	90	92	90	89	91	88	90	90	87	89	89	88	89	94	96	95	92	89	88	90	90	89	92	93	92	93	87	90.6 66.8
	MIN	64	65	62	65	65	64	65	68	66	68	69	69	68	67	65	64	69	70	69	70	68	67	68	67	65	65	68	70	68	66	
BUNTON FAA AIRPORT	MAX	86	89	88	89	86	91	90	86	87	84	86	85	83	83	85	92	94	96	88	87	89	92	95	94	94	90	86	81	89	90	88.5 65.2
	MIN	66	67	68	67	65	61	63	70	70	71	68	69	68	59	53	58	64	67	66	68	63	60	66	68	65	64	67	68	66	61	
BURNS 2	MAX	83	85	87	89	89	85	85	88	85	84	87	84	82	80	80	84	89	94	95	87	85	86	91	91	91	90	84	84	83	85	86.4 63.7
	MIN	62	67	64	66	68	62	61	66	67	67	68	68	65	56	52	56	57	63	67	67	59	64	63	69	66	66	68	61	60	60	
BURNING STATE FARM	MAX	87	88	87	92	91	90	94	91	89	86	80	88	88	92	90	94	96	95	93	89	89	91	88	90	91	91	90	86	91	89	89.9 67.5
	MIN	64	65	70	67	69	66	62	66	65	68	68	58	67	69	66	68	70	70	68	71	70	69	69	69	65	66	69	68	67	67	
BURTON 3 SW	MAX	88	89	90	91	91	90	92	94	85	87	87	87	87	86	88	89	92	95	95	91	81	92	95	93	96	93	93	94	87	85	90.1 65.1
	MIN	62	64	63	67	66	66	62	67	68	70	68	68	68	65	60	61	67	67	65	66	62	63	64	67	65	64	65	65	66	61	
BURNINGHEAD LOCK AND DAM	MAX	81	85	90	90	91	90	92	91	87	87	88	82	84	84	85	90	95	94	92	87	90	90	94	95	92	89	89	86	85	88.6 64.4	
	MIN	63	63	63	65	65	62	62	64	67	67	69	68	68	60	56	56	60	65	69	68	62	62	62	70	66	62	64	68	65		64
BURNINGHEAD MINETTE	MAX	80	83	87	89	90	83	91	85	86	86	83	85	86	88	89	91	92	92	90	83	85	85	90	89	90	90	91	82	89	87.3 68.9	
	MIN	66	64	66	68	70	69	69	69	66	65	65	69	71	68	69	71	72	72	70	71	70	70	72	68	68	66	73	70	69		70
BURNINGHEAD MINA 2 N	MAX	88	90	89	91	89	85	89	84	86	87	84	84	82	81	84	89	94	96	89	86	87	88	92	93	92	86	85	83	84	89	87.5 64.5
	MIN	64	68	67	66	67	64	68	67	66	69	69	68	66	57	55	56	58	64	67	67	57	63	64	69	67	66	68	68	60	60	
BURNINGHEAD SEMER 4 SW	MAX	87	87	91	91	90	93	92	86	87	86	82	83	85	84	87	93	95	95	90	87	91	94	92	95	93	90	89	86	83	89	89.1 64.6
	MIN	64	64	65	67	65	62	63	67	69	71	69	69	66	60	54	54	58	67	69	68	59	61	68	69	66	64	65	68	66	60	
BURNINGHEAD BIRMINGHAM W8 AP	MAX	87	88	91	91	92	93	93	88	89	89	86	85	85	85	86	91	95	90	92	89	92	94	94	96	93	91	92	86	85	90	89.9 68.0
	MIN	67	64	69	70	70	67	66	68	71	73	72	85	66	64	59	61	65	72	71	70	64	66	72	73	70	68	69	70	68	66	
BURNINGHEAD BURNLEY	MAX	92	90	89	92	94	90	93	93	88	90	89	85	90	90	89	92	95	96	94	89	85	92	93	89	93	93	93	92	86	86	91.0 65.2
	MIN	61	63	62	64	61	63	63	62	66	67	62	68	66	66	64	63	65	70	69	70	68	66	66	67	66	64	66	67	68	64	
BURNINGHEAD WATSON 3 SSE	MAX	93	88	90	93	93	88	93	90	90	87	89	93	92	92	90	94	96	95	92	87	89	93	91	89	94	94	93	87	81	91	91.2 65.9
	MIN	62	59	60	63	64	63	65	71	67	66	69	66	65	65	68	65	67	68	69	68	69	66	66	67	63	64	67	69	68	67	
BURNINGHEAD WOODPORT 2 W	MAX	87	87	88	83	84	87	91	84	87	86	86	81	85	82	84	90	93	94	90	87	91	91	93	94	90	90	86	85	89	87.8 62.5	
	MIN	66	64	65	63	65	63	61	65	65	66	68	68	66	57	50	53	60	59	63	66	54	58	62	66	64	67	66	61	58		61
BURNINGHEAD ERA 2 SW	MAX	81	90	91	90	90	92	91	92	90	87	83	85	85	86	86	91	95	94	89	85	90	93	93	91	92	90	91	88	85	90	89.2 64.6
	MIN	65	63	65	66	63	62	64	65	68	69	67	70	67	60	55	56	58	64	70	67	60	63	67	68	65	67	66	67	65	60	
BURNINGHEAD HOEN 3 NW	MAX	87	91	91	93	90	91	94	91	90	88	83	88	87	88	90	95	96	96	92	85	92	95	92	90	91	92	91	93	87	88	90.6 66.1
	MIN	64	63	63	65	67	64	63	65	65	67	68	67	66	68	64	62	66	68	71	69	65	66	69	67	64	65	67	70	69	66	
BURNINGHEAD HILL 2 NW	MAX	85	88	89	90	92	89	92	92	86	86	87	85	87	86	86	87	91	94	92	86	78	90	94	93	95	91	89	89	82	88	88.6 63.9
	MIN	60	63	61	65	64	63	60	62	67	69	68	70	67	68	64	62	56	59	63	65	68	62	59	65	62	65	65	66	64	62	
BURNINGHEAD TRE 5 SW	MAX	81	87	90	89	85	86	90	90	85	87	86	89	79	81	82	85	89	93	94	89	85	88	92	94	94	95	91	80	86	86	87.8 63.8
	MIN	63	67	63	66	65	63	62	67	67	68	67	69	65	59	55	57	58	64	65	65	59	58	62	65	69	67	66	65	64	60	
BURNINGHEAD BARTVILLE	MAX	81	92	91	92	92	90	93	92	90	90	87	80	87	85	86	88	85	94	96	90	86	92	93	90	94	90	92	90	92	90	89.7 65.2
	MIN	60	64	65	66	65	62	62	65	71	71	69	70	68	63	57	57	64	61	70	69	63	61	64	70	66	64	65	68	68	68	
BURNINGHEAD BARTON	MAX	84	88	88	90	89	83	92	89	88	85	81	89	89	88	90	93	94	95	93	90	91	92	94	93	93	93	93	92	87	91	89.9 64.4
	MIN	63	60	61	61	64	64	64	65	62	64	69	65	65	66	62	62	66	65	65	70	63	62	66	68	61	63	65	70	65	65	
BURNINGHEAD LOERSBURG WTR PLANT	MAX	85	90	91	91	88	90	90	90	88	85	86	85	83	85	85	90	93	92	91	88	89	92	94	94	93	91	90	86	83	88	88.9 64.5
	MIN	65	63	65	65	65	64	65	67	66	71	68	71	67	61	55	56	59	65	65	69	61	62	68	68	65	63	67	67	63	60	
BURNINGHEAD RONELLE	MAX	84	83	86	90	89	86	91	88	87	81	83	89	89	87	89	92	92	92	91	88	89	89	90	92	92	93	90	92	85	90	88.6 68.7
	MIN	67	65	67	69	69	65	69	69	66	67	70	67	67	69	68	70	72	71	70	71	68	70	71	68	70	71	71	72	68	68	
BURNINGHEAD BURNTON	MAX	82	84	89	91	92	90	93	91	85	88	85	84	87	85	86	85	89	94	94	87	83	89	92	91	92	92	89	88	86	85	88.3 64.8
	MIN	66	64	66	65	65	63	64	67	68	68	68	69	67	63	57	56	60	67	68												

DAILY TEMPERATURES

ALABAMA
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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					
FLORENCE	MAX MIN	89 66	91 66	89 67	92 66	90 67	92 64	88 68	86 70	90 69	84 70	84 69	83 66	83 66	86 55	89 57	94 62	94 62	69 68	68 58	95 66	95 68	98 70	66 66	69 69	69 69	68 64	64 63					89.1 65.7				
FORT MORGAN	MAX MIN	87 74	86 74	86 72	87 73	88 74	88 75	89 72	87 75	85 72	82 71	83 72	85 72	86 74	87 77	88 75	89 78	89 78	88 78	84 75	87 72	89 78	90 80	90 70	88 75	89 80	90 71	88 71	84 72	86 76					87.1 74.5		
FRISCO CITY	MAX MIN	92 63	87 64	91 63	91 66	93 67	92 66	87 66	92 66	89 66	90 68	84 69	81 68	89 68	88 67	88 67	90 67	94 69	90 69	93 69	94 68	94 68	86 69	86 71	89 69	92 68	91 68	91 65	91 66	91 69	92 69	86 66					89.5 67.4
GAOSEN GAS PLANT	MAX MIN	85 62	88 65	88 62	89 65	87 65	89 63	89 63	84 66	83 66	82 67	84 67	77 68	82 67	81 59	84 55	88 59	92 60	93 60	89 63	86 68	87 57	92 60	93 65	91 68	93 68	87 66	87 65	78 67	82 69	88 60					86.8 63.4	
GAINESVILLE	MAX MIN	84 68	86 65	86 64	90 66	88 68	87 67	90 64	92 69	86 67	87 67	90 70	81 68	88 68	84 60	85 60	86 61	92 66	96 70	96 72	94 71	87 65	90 65	93 69	93 71	91 68	93 65	92 68	90 69	84 67	89 66					89.1 67.0	
GENEVA	MAX MIN	92 63	93 66	93 66	94 66	97 68	94 67	95 66	97 66	88 67	91 68	92 68	90 69	88 68	94 69	94 68	93 69	94 71	94 69	94 71	91 69	95 70	90 70	90 66	93 68	94 70	90 66	93 69	87 68	96 67					92.8 67.5		
GILBERTOWN	MAX MIN	83 66	89 61	91 62	89 64	91 64	89 63	94 66	90 66	89 66	86 66	88 68	88 65	90 65	88 65	89 65	92 62	95 67	94 68	93 68	87 64	92 61	94 68	94 69	93 69	93 65	94 67	94 69	95 68	87 69	91 65					90.7 65.5	
GREENSBORO	MAX MIN	87 66	90 66	91 66	91 67	89 65	82 66	95 65	90 67	89 67	90 70	76 69	86 67	86 68	87 61	85 61	92 66	94 70	94 69	90 69	85 65	91 70	92 70	90 65	89 66	90 70	92 65	89 66	89 68	90 66	85 66					89.5 66.8	
GREENVILLE	MAX MIN	92 64	90 64	93 65	93 68	90 68	93 68	94 67	84 68	89 67	91 69	87 68	90 69	90 69	91 67	94 68	95 72	95 70	88 72	85 71	91 67	94 69	90 69	93 66	93 67	92 69	93 66	91 67	92 69	86 68	89 69					91.2 68.1	
GUNTERSVILLE	MAX MIN	84 65	89 64	88 66	89 64	86 65	88 64	88 63	88 66	87 68	84 68	85 69	80 67	82 68	80 66	87 55	92 61	94 60	93 67	88 68	88 64	89 62	93 64	93 64	93 65	89 65	90 66	84 65	84 66	91 60	91 60	86 61					87.8 64.1
HAMILTON 3 S	MAX MIN	85 60	85 61	89 59	90 62	88 60	89 58	91 62	91 65	87 65	85 65	88 68	81 65	84 65	82 55	82 51	90 57	95 60	94 66	91 67	87 56	90 62	92 65	94 63	94 64	87 64	86 63	86 64	87 64	88 62	86 58					88.2 61.1	
MAYNEVILLE	MAX MIN	85 63	89 63	91 64	93 65	94 68	90 65	92 63	93 67	90 67	91 69	93 69	88 66	90 68	89 61	93 65	97 69	96 70	97 71	87 70	82 64	91 65	94 68	92 69	95 65	94 65	95 65	91 68	90 66	91 66	91 66					91.4 66.4	
MEAOLAND	MAX MIN	96 65	92 67	90 66	92 68	95 67	93 66	94 66	96 68	89 69	88 68	87 69	87 69	87 69	88 66	90 69	92 69	93 68	92 72	90 71	91 68	89 69	92 69	91 68	92 71	91 68	89 68	92 68	91 68	82 67	84 67					90.7 68.4	
MIGMLANO MOME	MAX MIN	89 63	86 63	83 64	87 65	91 67	86 67	90 65	90 66	84 67	85 67	81 69	85 67	86 69	85 66	86 66	90 69	92 69	85 68	89 69	90 69	89 65	90 65	89 65	89 65	89 68	88 68	85 68	80 68	85 68	84 63					87.0 66.5	
MUNTSVILLE WB AP	MAX MIN	84 65	85 67	87 67	91 68	86 68	85 65	88 63	85 69	87 67	87 71	86 69	81 69	82 65	80 66	83 59	90 62	96 66	89 70	87 68	88 65	89 68	93 68	91 70	88 65	88 68	91 68	88 69	85 69	85 69	89 66	89 66					87.2 66.7
JASPER 4 N	MAX MIN	87 60	89 62	91 63	90 63	90 63	91 58	89 62	85 68	88 65	88 65	85 62	82 64	85 65	82 57	82 54	94 66	95 66	91 66	86 67	90 56	91 64	86 72	90 62	91 65	94 68	92 65	91 65	88 65	86 64	84 66					88.7 63.2	
LAFAYETTE	MAX MIN	89 62	91 62	93 63	92 66	92 65	90 66	90 66	85 66	87 66	87 66	87 66	87 66	86 67	86 58	87 65	91 66	94 66	86 66	87 66	90 65	92 62	93 66	94 65	94 66	94 66	94 65	92 66	88 65	77 64	83 63	84 63					88.5 64.5
LIVINGSTON	MAX MIN	85 68	89 66	89 64	91 67	91 69	91 67	95 64	89 68	89 68	89 68	83 71	88 67	86 68	85 67	92 61	94 66	96 71	95 72	89 71	89 65	92 63	92 69	94 66	95 66	94 66	91 64	93 68	91 68	90 68	93 68	93 68					90.1 67.1
LOCKMART	MAX MIN	90 64	91 65	90 65	93 66	92 66	92 67	89 67	93 68	89 68	88 68	86 70	85 67	89 68	90 67	91 67	92 72	94 72	93 69	90 68	89 69	86 69	88 69	89 69	86 69	88 69	88 69	87 69	92 69	90 68	85 68	89 68					89.1 68.1
MAOLSON	MAX MIN	83 67	87 67	87 68	88 67	89 66	83 66	87 62	85 69	83 69	87 68	86 68	86 68	82 69	86 56	83 56	90 62	96 66	89 70	87 68	88 62	89 65	93 72	91 70	88 65	84 68	85 68	84 69	85 69	82 69	82 69	89 66					87.3 65.1
MARION JUNCTION 2 NE	MAX MIN	86 65	91 69	93 64	93 67	91 65	94 65	90 64	90 68	90 67	92 70	83 69	88 68	87 66	88 62	93 62	96 69	97 66	90 69	86 69	91 66	94 66	93 68	94 68	94 68	94 68	93 65	92 67	89 67	87 69	90 66					90.1 66.5	
MARTIN OAM	MAX MIN	85 66	88 65	90 64	92 66	89 66	90 67	90 64	83 68	87 69	85 69	82 69	91 68	86 68	84 62	90 62	92 66	89 66	86 66	84 69	89 66	92 62	92 66	92 66	90 66	88 66	85 66	87 66	85 66	89 66	89 66					88.6 66.2	
MINTER 3 NW	MAX MIN	85 64	85 63	90 63	92 64	91 65	90 65	90 65	93 65	89 65	90 68	91 68	83 68	87 67	86 65	90 62	96 62	90 64	90 64	90 64	90 64	90 64	90 64	93 64	93 64	93 64	93 64	92 64	89 64	91 64	87 64					89.1 65.1	
MOBILE WB AIRPORT	MAX MIN	89 71	87 68	87 70	90 70	92 73	84 72	89 70	88 69	88 68	81 70	82 72	90 71	87 73	80 71	93 74	94 74	91 74	91 75	87 72	88 71	87 74	91 76	91 74	87 76	88 72	87 71	94 75	94 71	93 71	87 71	87 71					89.4 71.6
MOBILE	MAX MIN	85 70	85 70	86 70	86 74	87 75	84 75	84 73	87 67	89 80	80 72	81 71	92 73	88 70	86 71	93 75	93 76	90 74	90 73	88 74	88 74	92 74	94 69	88 76	88 76	94 69	88 76	92 76	87 74	89 69	89 69					88.4 72.2	
MONTGOMERY WB AP	MAX MIN	85 66	89 67	91 67	94 69	93 69	94 68	88 71	88 70	88 71	90 69	86 69	89 71	90 69	90 65	94 66	96 68	85 72	85 73	82 68	90 68	92 71	92 71	92 68	90 68	89 68	92 68	90 69	89 69	87 69	85 69					90.1 69.1	
MOULTON 2	MAX MIN	85 63	86 67	89 66	89 68	89 68	88 66	89 66	84 66	85 66	87 68	84 69	84 67	83 66	83 54	89 55	93 66	96 66	88 68	87 69	88 58	93 65	94 65	92 65	94 65	94 65	92 65	84 65	81 65	85 60	84 60	89 60					87.8 64.4
MUSCLE SHOALS FAA AP	MAX MIN	90 64	89 66	91 66	91 66	88 64	91 66	91 66	87 66	86 69	87 68	83 66	82 66	81 66	81 58	83 56	92 61	96 66	90 70	86 68	85 68	90 66	92 66	85 66	85 66	85 66	85 66	85 66	85 66	84 66	82 66	86 66					87.4 65.1
NATCHEZ	MAX MIN	89 59	90 62	92 59	92 62	91 61	87 61	94 60	89 66	87 61	87 67	83 68	90 68	90 66	90 61	94 64	96 64	93 64	93 66	86 65	92 65	95 64	95 67	92 62	92 65	93 65	92 62	93 65	88 65	91 63	88 63					91.4 63.1	
NEW MARKET 2	MAX MIN	83 62	87 63	88 63	89 64	84 65	85 62	87 60	87 68	85 67	86 69	83 66	82 66	80 65	78 49	81 49	88 66	92 63	92 66	87 66	92 63	90 63	94 66	90 64	89 65	87 65	90 65	89 65	87								

DAILY TEMPERATURES

ALABAMA
JUNE 1962

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	
REOSTONE ARSENAL	MAX	83	85	87	87	86	85	89	83	84	85	82	80	82	80	84	89	94	97	87	86	87	87	92	92	90	84	87	82	84	90	86.3 62.8
	MIN	63	67	65	63	65	63	61	67	69	70	66	67	59	56	53	55	57	63	67	59	56	62	63	69	65	65	67	63	59	61	
ROBERTSOALE 1 E	MAX	89	89	84	87	90	89	85	92	88	89	82	83	88	91	88	93	91	92	91	91	82	87	90	91	90	92	91	91	85	88.8 68.3	
	MIN	65	64	65	65	68	69	68	68	64	68	70	69	70	67	68	70	71	72	70	69	69	68	72	73	65	67	69	70	69		67
ROCKFORD	MAX	85	90	88	92	91	88	91	90	87	79	85	85	86	85	85	90	91	95	90	83	84	90	92	93	93	93	89	87	90	88	88.5 63.5
	MIN	64	62	61	65	64	61	60	67	68	67	68	69	66	63	59	57	60	65	61	67	60	60	64	64	64	62	65	65	64	63	
ROCK MILLS	MAX	88	92	92	87	87	92	93	87	87	88	87	88	86	87	89	93	95	97	94	84	92	94	95	96	96	96	93	90	86	91	90.1 64.1
	MIN	66	64	68	65	65	63	61	68	68	68	67	68	68	67	64	55	63	65	64	68	60	59	65	66	65	67	65	67	65	67	
RUSSELLVILLE 2	MAX	85	86	88	88	87	86	89	90	86	86	87	79	83	81	80	83	88	93	94	88	85	87	89	91	93	86	84	86	86	84	86.6 61.6
	MIN	58	64	61	63	64	57	61	64	67	68	69	63	66	55	49	50	53	61	66	66	55	60	63	65	65	65	67	65	59	58	
SAINT BERNARD	MAX	81	82	86	86	88	85	88	89	83	86	83	82	79	80	79	83	87	91	94	94	83	85	89	92	91	90	85	87	80	82	85.7 63.8
	MIN	63	64	70	65	66	63	62	65	66	68	67	67	66	58	55	55	59	63	67	67	58	62	65	69	65	66	65	67	61	60	
SAND MT SUBSTATION A U	MAX	86	85	86	87	83	85	88	82	84	83	83	80	81	79	82	86	90	92	87	83	85	88	90	89	86	83	78	81	86	84.9 63.2	
	MIN	66	63	62	65	64	63	62	66	66	67	67	67	67	58	52	56	64	63	65	66	66	62	64	66	66	64	65	67	61		59
SCOTTSBORO	MAX	80	84	87	88	89	84	89	88	90	85	86	85	87	84	81	79	89	92	94	95	89	89	90	93	92	90	91	83	80	83	87.2 61.5
	MIN	62	64	62	62	64	61	60	67	65	67	68	68	67	54	50	51	56	59	61	64	54	55	62	66	64	63	65	65	60	58	
SEALE	MAX	89	89	90	92	91	92	92	85	84	85	89	90	89	89	90	92	93	93	89	86	90	94	91	94	91	91	90	84	86	89	89.6 66.0
	MIN	62	63	64	67	65	65	64	67	65	69	68	68	70	66	64	62	68	68	66	69	66	66	67	67	65	64	67	67	66	64	
SELMA	MAX	89	90	93	94	93	95	97	90	89	90	85	89	88	89	89	94	96	97	89	86	92	94	93	96	93	92	90	89	86	90	91.2 68.0
	MIN	67	65	66	68	69	67	66	68	70	71	69	69	68	67	64	63	67	71	71	71	67	65	70	70	67	67	69	70	69	67	
SYLACAUGA 4 NE	MAX	85	89	90	89	88	90	90	87	88	84	85	85	84	84	85	90	94	93	87	87	90	93	93	92	93	90	88	83	83	89	88.3 64.4
	MIN	63	64	63	66	64	61	63	69	71	72	70	70	67	61	54	54	58	65	67	68	64	58	67	67	64	63	65	69	68	58	
TALLADEGA	MAX	85	89	92	90	86	88	88	84	84	84	86	84	83	82	82	87	90	92	86	83	86	89	92	91	92	89	87	81	82	86	86.7 64.5
	MIN	63	64	65	66	68	63	63	67	68	71	69	70	67	61	55	56	61	65	66	68	60	59	67	68	64	64	66	68	63	59	
THOMASVILLE	MAX	89	85	87	89	89	89	86	92	88	87	83	79	85	85	85	88	92	94	93	91	83	90	93	92	92	88	90	91	85	88.3 66.9	
	MIN	64	62	64	66	67	67	65	67	65	66	69	67	67	68	66	64	69	67	69	70	66	65	70	70	64	66	68	72	70		66
THORSBY EXP STATION	MAX	83	88	90	92	90	88	93	87	89	85	84	84	85	85	86	89	94	94	87	84	90	92	92	91	92	90	86	85	85	88	88.3 65.1
	MIN	65	64	64	65	65	66	64	65	68	68	68	67	66	63	59	59	63	67	68	66	64	62	70	69	65	62	66	66	65	63	
TROY	MAX	87	89	88	93	89	91	92	87	89	90	85	88	88	86	88	91	94	91	88	85	89	92	90	91	90	92	92	89	84	89	89.2 68.1
	MIN	64	65	67	67	68	67	65	68	69	69	67	69	68	68	66	68	70	73	70	70	67	70	69	70	68	68	67	69	67	69	
TUSCALOOSA FAA AIRPORT	MAX	84	90	90	89	91	91	93	87	88	89	80	84	85	85	86	90	93	94	90	89	90	92	92	94	91	89	89	90	87	90	89.1 67.7
	MIN	68	68	65	68	68	66	66	69	70	71	70	70	69	63	59	59	64	70	71	70	65	67	72	73	69	67	70	70	68	65	
TUSCALOOSA OLIVER OAM	MAX	83	86	90	90	90	90	93	92	88	89	89	81	84	85	84	86	91	95	95	91	87	90	93	93	92	92	90	88	90	86	89.1 65.1
	MIN	64	65	63	65	66	64	64	63	67	68	69	68	67	61	56	57	60	68	69	67	62	64	69	70	66	65	67	68	67	63	
TUSKEGEE 2	MAX	89	90	88	92	90	91	93	86	87	84	88	88	87	87	88	95	95	94	86	81	90	96	91	95	93	93	89	82	84	86	89.3 66.3
	MIN	63	64	65	67	66	66	63	66	68	68	67	66	67	66	62	64	68	68	67	68	64	65	75	68	63	64	66	67	73	66	
UNION SPRINGS 5 S	MAX	87	86	90	90	92	90	91	92	93	87	88	85	87	89	92	93	94	95	93	90	93	93	90	93	92	89	90	93	86	88	90.6 66.7
	MIN	62	62	64	67	66	67	64	67	68	67	66	68	63	62	66	69	68	69	66	69	70	70	70	70	67	65	68	69	66	65	
VALLEY MEAD	MAX	78	82	85	86	85	87	86	87	82	84	83	86	83	82	79	81	88	90	92	87	84	85	90	91	89	91	87	83	78	82	85.1 60.4
	MIN	61	58	58	62	63	68	59	61	66	67	68	68	65	54	48	51	60	67	62	64	50	55	59	64	60	62	66	65	58	53	
VERNON	MAX	85	88	90	91	82	91	94	93	87	88	89	85	83	86	87	89	95	97	95	94	91	92	97	98	97	92	87	89	91	87	90.3 64.0
	MIN	62	63	62	66	62	62	62	67	67	69	69	67	66	59	53	54	61	65	69	69	58	64	66	67	65	64	66	67	67	61	
WATERLOO	MAX	85	86	86	82	85	90	89	88	85	88	85	83	81	81	80	84	89	92	93	90	85	85	90	92	93	84	85	85	86	83	86.3 62.9
	MIN	62	62	64	63	65	64	62	68	65	71	71	69	66	52	50	52	54	56	69	66	56	64	64	65	66	64	66	66	65	59	
WATLEY	MAX	89	90	92	91	92	86	95	92	91	88	82	90	89	88	91	93	95	94	94	90	93	95	95	96	92	93	93	95	90	92	91.5 64.9
	MIN	63	60	61	62	65	63	62	65	65	63	67	68	67	66	64	62	63	65	66	67	65	65	67	66	64	64	67	68	73	65	

EVAPORATION AND WIND

Station	Day of month																															Total Evap 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	
OEMOPOLIS LOCK & OAM	EVAP	.07	.14	.22	.20	.24	.23	.31	.31	.12	.24	.18	.10	.30	.21	.27	.31	.21	.30	.35	.25	.19	.16	.41	.17	.20	*	*	.82	.15	.22	6.88 1177
	WIND	17	34	29	30	40	40	39	47	53	67	53	62	50	49	46	25	22	25	26	45	28	30	21	31	51	54	42	23	62	36	
FAIRHOPE 2 NE	EVAP	.19	.16	.11																												

CLIMATOLOGICAL DATA

ALABAMA
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		
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OCTOBER 1961																							
ASHLAND	75.3	46.9	61.1		83	13+	33	27	141	0	0	0	0	1.28		1.28	3	.0	0		1	1	1
NOVEMBER 1961																							
ASHLAND	65.2M	44.6M	54.9M		83	1	26	30+	306	0	0	5	0	2.78		1.50	23+	.0	0		4	2	1
DECEMBER 1961																							
ASHLAND	52.4	36.0	44.2		71	3	17	30+	638	0	1	11	0	16.98		4.21	10	T	0		15	8	6
JANUARY 1962																							
ASHLAND	49.1M	32.4M	40.8M		72	27	4	11	744	0	3	16	0	7.54		2.25	19	.0	0		9	5	2
FEBRUARY 1962																							
ASHLAND	65.8	41.0	53.4		78	14+	15	7	324	0	0	6	0	5.03		2.21	22	.0	0		6	3	2
FAYETTE	68.1	40.5	54.3		83	13	18	7	310	0	0	7	0	5.11		1.35	22	.0	0		11	2	1
TUSCALOOSA OLIVER DAM	68.8	38.8	53.8	2.2	87	27	19	7	317	0	0	9	0	4.84	.30	2.01	22	.0	0		6	2	2
MARCH 1962																							
FAYETTE	62.6M	38.1	50.4M		79	24	24	7+	450	0	0	9	0	5.28		1.50	31	.0	0		8	4	2
APRIL 1962																							
TUSCALOOSA OLIVER DAM	72.4	45.5	59.0	5.6	88	30	30	3	213	0	0	3	0	4.49	-.15	1.54	12	.0	0		7	4	2

DAILY PRECIPITATION

Station	Day of month																															Total		
	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			
SEPTEMBER 1961																																		
REFORM	.02		1.29			T	.83				.08	.59		.03																				2.84
OCTOBER 1961																																		
ASHLAND		T	1.28					T																										1.28
REFORM			.29																															.29
NOVEMBER 1961																																		
ASHLAND			.42	.06					T	.02	.01	.03	.22	.50				T															.02	2.78
REFORM			.95	.66					T		.31	1.24	.24	.93	.03																			4.36
DECEMBER 1961																																		
AODISON CENTRAL TOWER				.51	.29					1.61	*	*	3.19		*	*	5.28															.85	.59	12.52
ASHLAND				.55	.47				.07	4.21	.96	2.84	.21	1.83	1.62	.23	1.53	1.66							.27	T	T		.27	.12		.14	16.98	
REFORM					.98	.07			.11	1.64	.04	2.65		.24	.87	.11	2.07	2.01	.02													1.33	12.14	
JANUARY 1962																																		
ASHLAND	.36			.78	.94		.03			.05	.45					.15			2.25		.03	.05	.94	.03	.02	.05	1.21	.20					7.54	
FEBRUARY 1962																																		
ASHLAND				.05			.02	.11							.38			.32		1.05	2.21	.05	.73	.08	.03								5.03	
FAYETTE					.05	.20									.47			.24		.50	1.35	.41	.47	.40	.44	.22	.36						5.11	
TUSCALOOSA OLIVER OAM					.04	.01									1.49			.02		.36	2.01	.42	.19		.03	.19	.08					4.84		
MARCH 1962																																		
FAYETTE	.15	.14		.01			.76		1.36	.01								.01		.46					.75	.13					1.50	5.28		
APRIL 1962																																		
COTTONTON	2.64				.10	1.65	.10				1.80	.10														.05				1.45		7.89		
TUSCALOOSA OLIVER OAM	.12				1.32	.10	.03			.54	1.54														.03			.21	.60			4.49		

DAILY TEMPERATURES

ALABAMA
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			
OCTOBER 1961																																		
ASHLAND	MAX	83	82	73	69	72	75	77	78	80	83	82	83	83	73	65	74	79	80	75	60	61	69	73	75	74	76	71	72	75	81	82	75.3	
	MIN	61	57	52	43	41	42	43	51	50	51	51	50	50	53	40	45	48	47	45	40	45	43	39	47	49	45	33	37	43	57	57	46.9	
NOVEMBER 1961																																		
ASHLAND	MAX	83	78	81	70	80	73	67	58	58	67	68	71	71	68	67	67	63	49	57	57	57												65.2
	MIN	55	56	59	55	59	60	47	36	29	35	45	45	58	61	60	60	44	36	43	30	28	37		60	60	70	62	62	58	50	58	44.6	
DECEMBER 1961																																		
ASHLAND	MAX	59	66	71	68	64	51	50	47	53	66	64	65	56	38	46	45	47	62	57	51	51	53	53	36	35	50	50	50	30	40	51	52.4	
	MIN	35	42	43	48	53	48	38	35	41	42	54	59	27	28	36	44	45	46	43	35	26	25	36	25	25	19	35	22	17	17	28	36.0	
JANUARY 1962																																		
ASHLAND	MAX	38	39	55	58	55	52	35	40	43	32	24	29	44	52	50	49	54		35	38	50	52	56	58	62	67	72	58	56	63	58	49.1	
	MIN	33	25	24	33	42	32	27	27	28	7	4	6	9	24	44	25	29		33	35	40	42	52	52	56	52	51	38	31	38	32	32.4	
FEBRUARY 1962																																		
ASHLAND	MAX	66	67	69	66	63	54	48	57	68	63	55	68	78	78	75	61	62	62	60	62	63	65	77	70	67	71	75	72				65.8	
	MIN	32	37	40	41	52	22	15	29	44	38	28	38	47	46	44	49	32	45	47	34	41	44	61	48	46	48	59	42				41.0	
FAYETTE	MAX	75	73	76	70	65	44	50	50	61	56	64	77	83	79	75	62	66	66	64	60	64	66	79	78	66	80	81	76				68.1	
	MIN	32	36	34	36	42	22	18	32	47	38	28	39	42	53	45	46	30	40	45	30	41	54	58	45	47	56	63	36				40.5	
TUSCALOOSA OLIVER DAM	MAX	59	74	72	74	67	66	41	51	66	74	55	62	77	84	79	73	53	63	68	65	64	72	71	80	73	73	87	83				88.8	
	MIN	34	33	36	37	38	24	19	21	40	41	27	28	41	42	44	47	30	31	50	31	32	49	56	50	47	54	61	44				38.8	
MARCH 1962																																		
FAYETTE	MAX	40	48	48		46	48	54	55	67	60	60	64	58	52	62	58	59	66	72	67	70	52	72	79	73	68	73	78	77	78	73	62.6	
	MIN	32	34	39	40	27	24	24	32	52	42	42	37	33	30	35	27	26	27	43	50	52	39	33	37	53	47	36	35	47	57	48	38.1	
APRIL 1962																																		
TUSCALOOSA OLIVER DAM	MAX	64	60	57	62	69	60	70	67	74	81	82	79	65	62	72	60	62	61	75	81	80	81	83	84	81	82	81	80	70	88		72.4	
	MIN	37	32	30	32	35	47	52	46	45	53	55	59	42	37	42	33	33	39	40	41	53	47	53	55	59	52	54	49	52	62		45.5	

CORRECTIONS

MONTH: DECEMBER 1961

Climatological Data Table:
Dayton

Total precipitation should be 12.99, no. of days with precipitation .10 or more 14, .50 or more 7. Prairie Division average precipitation should be 13.38, departure from long-term average +8.22.

Muscle Shoals FAA AP

Total degree days should be 673.

Daily Precipitation Table:
Dayton

Amount on the 31st should be zero. Monthly total 12.99.

MONTH: FEBRUARY 1962

Climatological Data Table:
Chatom

Total precipitation should be 1.77. Greatest day of precipitation should be .73 on the 6th. No. of days with precipitation .10 or more should be 5, .50 or more 1. Coastal Plain Division average precipitation should be 4.86, departure from normal +.15.

Daily Precipitation Table:
Chatom

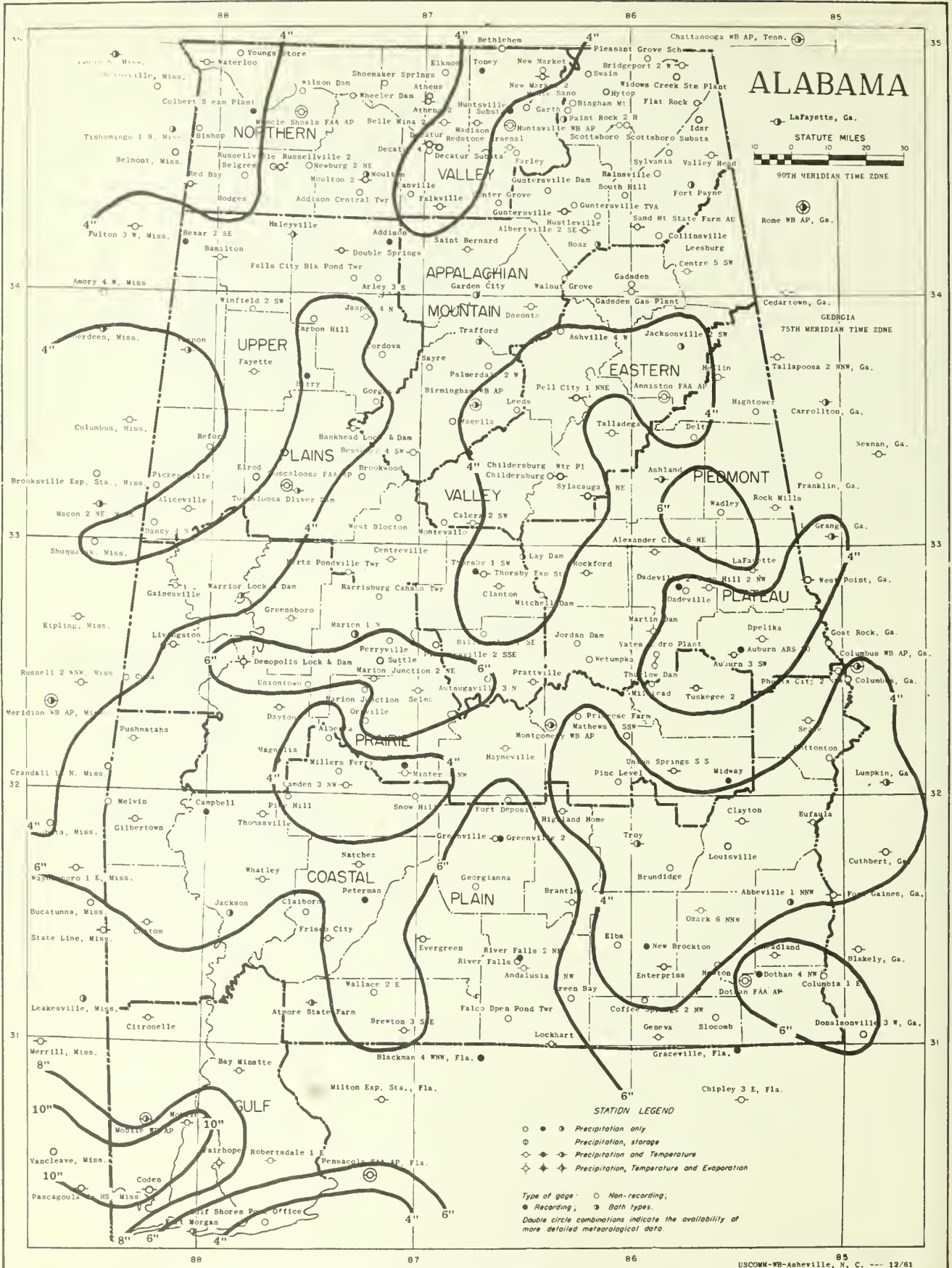
Amount on the 21st should be zero. Monthly total 1.77.

Fort Deposit

Correct as follows: 21st, .34; 22nd, .55; 23rd, zero.

TOTAL PRECIPITATION

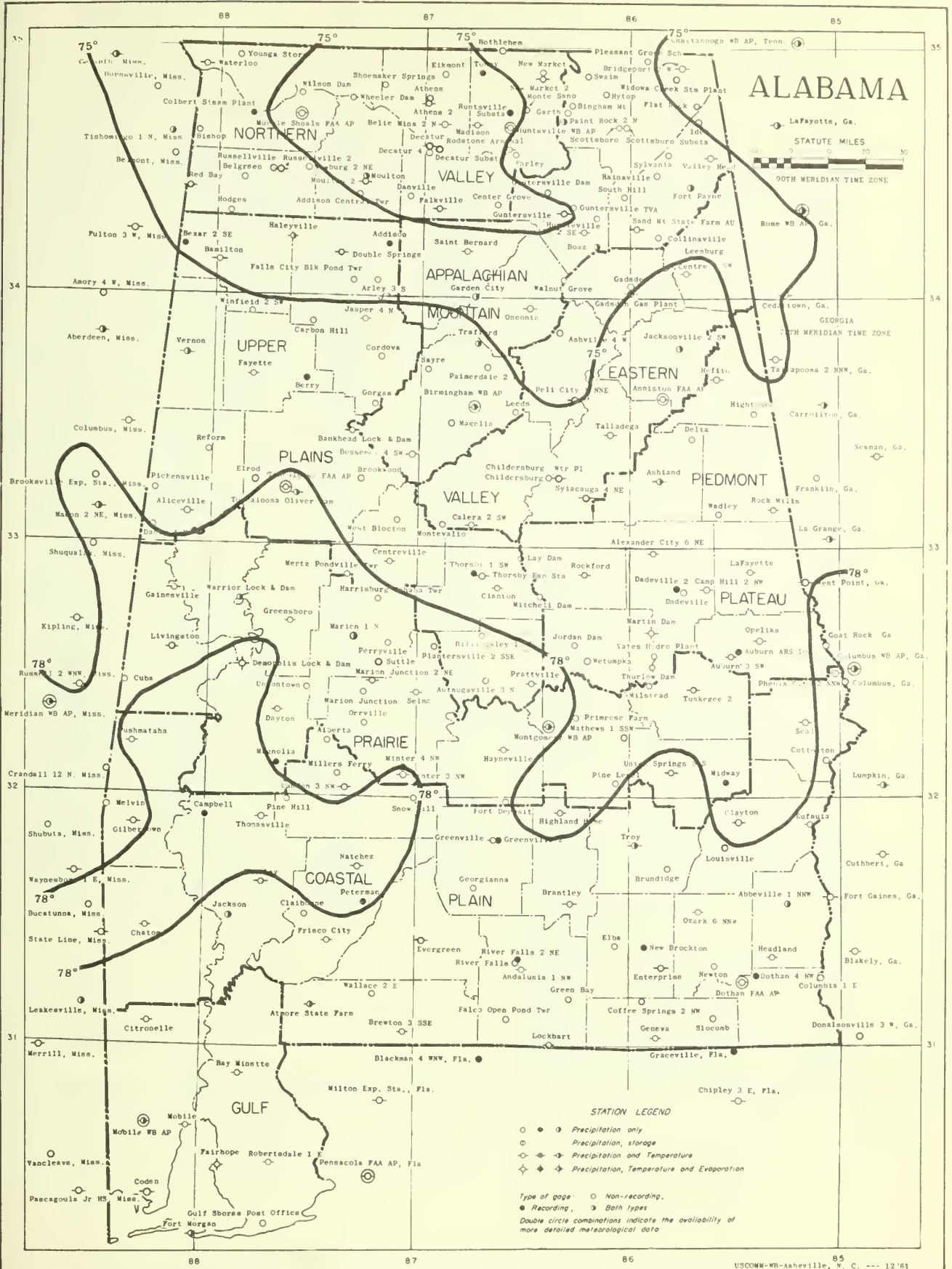
ALABAMA
JUNE 1962



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
JUNE 1962



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

ALABAMA
JUNE 1962

STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	COUNTY	INDEX NO.	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL									TEMP.	PRECIP.	EVAP.	SPECIAL	
ABBEVILLE 1 NW	HENRY	0008	1	31 35	85 15	465	7A	C		JOHN S. RICHBORG	LIVINGSTON	4798	SUNTER	13	32 35	88 11	160	7D		PROF. E. J. NUPPEY			
ADISON	WINSTON	0063	2	34 13	87 11	795	7A	C		PALMER GOODEN	LOCKHART	4822	COVINGTON	9	31 01	87 12	60	8A		N			
ALBERTA	WILCOX	0140	1	32 14	87 25	175	8A			SIDNEY J. HARBY, SR.	LOUISVILLE	4884	BARBOUR	5	31 48	85 33	470	8A		JOHN B. ARO			
ALBERTVILLE 2 NW	MARSHALL	0148	12	34 18	88 10	1140	5A			JESSE M. GULP	HADISON	4976	NADISON	12	34 42	86 45	573	9A		N			
ALEXANDER CITY & NC	TALLAPOOSA	0163	1	32 07	86 07	860	5P	5P		N DOUGLAS N. SANFORD	MAGELLA	4996	JEFFERSON	3	33 30	86 51	654	7A		N			
ALICEVILLE	PICKENS	0118	1	33 47	87 07	140	7A			MRS. CHERY J. NERNDON	MAGNOLIA	5004	NARENGO	1	32 08	87 39	185	7A		C			
ANDALUSIA 1 NW	COVINGTON	0252	6	31 19	86 30	260	8A			M. JAMES P. GILLIS	MARION 1 N	5108	PERRY	2	32 38	87 10	210	7A		C			
ANNISTON FAA AR	DAWSON	0272	4	37 35	85 51	599	NIO	MIO		M. PEG. AVIATION AGENCY	MARION JUNCTION 1 ENE	5116	DALLAS	3	32 27	87 13	202	7A		C			
ARLEY 3 S	WINSTON	0338	2	33 38	87 13	500	7A			MRS. OORA R. DAVIS	MARION JUNCTION 2 NE	5121	DALLAS	3	32 28	87 13	200	6P		6P			
ASHLAND	CLAY	0369	1	33 16	85 51	600	6P	6P		JOHN L. MC QUEEN	HARTIN DAM	5140	ELMORE	11	32 40	85 55	335	6P		6P			
ASHVILLE 4 W	ST. CLAIR	0377	7	33 91	86 20	950	7A			HENRY T. SWINDALL	NATHENS 1 5SW	5172	MONTGOMERY	11	32 15	86 01	190	7A					
ATHENS 2	LIMESTONE	0395	12	34 48	86 59	720	9A			RADIO STATION WJNW	MELVIN	5354	CHOCTAW	1	31 56	88 27	300	7A					
ATPOPE STATE FARM	ESCAMBIA	0402	8	31 10	87 29	300	4P	4P		H. THOMAS STATE FARM	NORTH PONDVILLE TOWER	5382	BIRM	5	32 51	87 20	600	7A					
AUBURN 3 SW	WINSTON	0422	11	32 34	85 31	730	6A			MRS. N. THOMAS	NIDWAY	5397	BULLOCK	4	32 04	85 32	600	7A		C			
AUBURN ARS 10	CLAY	0427	11	32 36	85 29	700	6P			C. AGR. RESEARCH SERVICE	MILLERS FERRY	5417	WILCOX	1	32 06	87 22	78	5A					
AUTAGAUA 3 N	AUTAGAUA	0440	1	32 28	86 41	200	6A			J. B. NEIGHBORS	5439	MACON	11	32 27	85 54	206	9A						
BANKHEAD LOCK AND DAM	TUSCALOOSA	0505	2	33 29	87 20	280	7A			H. CORPS OF ENGINEERS	HINTER 3 NW	5449	DALLAS	1	32 06	87 03	370	7A					
BAY MINETTE	BALDWIN	0523	1	32 39	87 47	260	7P			H. GROVER W. WOODWARD	HINTER 4 NW	5454	DALLAS	1	32 07	87 03	370	7A					
BELLEVILLE 2 N	LIMESTONE	0655	12	34 42	86 53	600	5P	5P		M. AUBURN UNIVERSITY	MITCHELL DAM	5465	CHITTAHOOCHEE	7	32 48	86 27	350	6A					
BERRY	FAYETTE	0748	2	33 40	87 36	452	7A			C. MISS CLARA R. OLIVE	MOBILE NB AIRPORT	5478	MOBILE	9	30 41	88 15	211	NIO	NIO		C		
BESSNER & SW	JEFFERSON	0757	2	33 22	87 01	533	6P	6A		N. JAMES E. MC CRAVY	MOBILE	5483	MOBILE	9	30 41	88 02	119	8A					
BEKAR 2 SE	MARION	0760	13	34 10	88 07	570	6A			O. OSCAR W. LOCKRIDGE	MONTEVALLO	5537	SHELBY	3	33 06	88 24	462	7A					
BILLINGSLEY 1 SE	AUTAGAUA	0823	1	32 39	86 42	600	6A			JOHN R. THOMAS	MONTGOMERY WB AR	5550	MONTGOMERY	1	32 18	86 28	460	NIO	NIO		C		
BIRMINGHAM AR 5E	JEFFERSON	0831	2	33 34	86 45	610	NIO	MIO		U.S. WEATHER BUREAU	5625	LAWRENCE	12	34 29	87 17	660	6P		6P				
BOAZ	BRUSHY MOUNTAIN	0957	2	34 13	86 10	1070	7A			D. DAVID A. BURNS	5635	LAWRENCE	12	34 29	87 18	665	6P		6P				
BRANTLEY	CRENSHAW	1069	6	31 35	86 16	274	8A			R. E. MENDERSON	MOULTON	5749	COLBERT	12	34 45	87 37	536	NIO	NIO		H		
BRITTON 3 SSE	ESCAMBIA	1207	6	31 32	85 68	580	6A			MRS. CLARA T. REAY	MOUNTAIN VIEW	5785	MONTEVALLO	1	31 33	87 16	182	5P	7A				
BROOKWOOD 2 W	JACKSON	1099	12	34 56	85 45	660	5P	5P		M. MISS M. LOUISE JONES	NEW BROCKTON	5842	COFFEE	5	31 24	85 56	460	7A					
BROOKWOOD 3 W	TUSCALOOSA	1143	2	33 16	87 17	605	5P			MRS. WILLIE M. STYRON	NEW MARKET 2	5867	MADISON	12	34 54	86 26	715	5P	5P				
BRUNSDIDGE	WINSTON	1187	9	33 45	87 49	499	7A			MRS. P. M. WITTINGTON	NEW MARKET 3	5875	DALE	5	31 20	85 36	220	7A					
CALERA 2 SW	SHELBY	1288	7	33 05	86 46	540	5P	5P		N. PIERCE A. GARRETT	ONEONTA	6121	BLOUNT	2	33 57	86 29	875	7A					
CAMDEN 3 NW	WILCOX	1301	12	34 35	86 48	580	6A			M. AUBURN UNIVERSITY	ORELIKA	6129	ORELIKA	11	32 38	85 23	750	8A					
CAMPBELL	CLARKE	1315	13	31 55	87 59	93	7A			J. JOY PICKENS	ORVILLE	6161	DALLAS	1	32 18	87 14	200	8A					
CANON HILL 2 NW	TALLAPOOSA	1351	11	35 04	87 17	680	6A			H. OZIER 6 NW	OSCEOLA	6200	MOORE	12	34 42	86 20	655	7A					
CANON HILL 3 NW	WALKER	1377	2	33 47	87 32	430	7A			FLOYD J. GARRISON	PAINT ROCK 2 N	6226	JACKSON	12	34 42	86 20	655	7A					
CENTRE 5 W	CHEROKEE	1512	7	34 06	85 45	620	7A			N. OON R. WATSON	PALMDELADE 2	6246	JEFFERSON	2	33 44	86 41	798	7A					
CENTREVILLE	BIBB	1520	3	32 57	87 08	224	7A			M. SHERMAN W. WATTS	PALM POND CITY 1 NNE	6329	ST. CLAIR	7	33 36	86 11	955	7A					
CHATAM	WASHINGTON	1566	13	32 18	85 195	6P	6P			H. CHAS. C. SMITH	PERRYVILLE	6362	PERRY	3	32 36	87 09	500	8A					
CHILDERSBURG	TALLAPOOSA	1620	7	31 27	86 21	410	5P			M. ALABAMA POWER CO.	PHENIX CITY 2 NNE	6398	RUSSELL	4	32 30	85 50	570	8A					
CHILDERSBURG WTR PLANT	TALADEGA	1620	7	31 27	86 20	410	5P			C. WATER PLANT	PICKENSVILLE 2	6414	PICKENS	13	33 13	88 16	165	7A					
CITRONELLE	MOBILE	1685	9	31 05	88 14	331	6P	6P		MRS. ESTHER A. M. JONES	PINE HILL	6460	WILCOX	1	31 59	87 36	110	7A					
CLAIBORNE	MONROE	1690	11	31 32	87 31	183	7A			H. H. ROSS A. WARDEN	PINE HILL	6460	WILCOX	1	31 59	87 36	110	7A					
CLANTON	CHITTOON	1694	7	32 51	86 38	580	7A			M. H. CHRISTIAN W. EASTERLING	PLANTERSVILLE 2 SSE	6508	AUTAGAUA	1	32 27	86 24	230	7A					
CLAYTON	BARBOUR	1725	1	31 53	87 07	570	7P			H. GILBERT C. GILBERT	PLANTERSVILLE 2 SSE	6508	AUTAGAUA	1	32 27	86 24	230	7A					
CODEN	MOBILE	1803	9	30 23	88 13	12	5P			N. AGNES C. CHRISTENSEN	PLANTERSVILLE 2 SSE	6508	AUTAGAUA	1	32 27	86 24	230	7A					
COFFEE SPRINGS 2 NW	JEFFERSON	1807	6	31 11	85 56	250	6A			H. HENRY F. KELLEY	PRINSMOOR	6684	MONTGOMERY	1	32 18	86 15	180	12N					
COLBERT STEAM PLANT	COLBERT	1819	12	34 44	87 50	470	7A			TV#462	1719	CHOCTAW	13	32 12	88 21	260	8A						
COLLINSVILLE	DAWSON	1849	7	34 15	85 52	730	7A			R. W. APPLETON	ROCKFORD	6700	FRANKLIN	12	34 26	88 34	195	7A					
COLUMBIA 1 E	HOUSTON	1865	4	31 17	85 06	68	7A			ROBERT E. POPP	ROCKFORD	6833	NADISON	12	34 35	86 36	573	MIO	NIO				
CORDOVA	WALKER	1940	2	33 46	87 11	334	8A			MRS. C. GRESHAM	ROCKFORD	6847	PICKENS	13	33 23	86 31	228	7A					
COTTONTON	RUSSELL	1974	4	32 09	85 04	217	7A			HUGH S. KITE	RIVER FALLS	6937	COVINGTON	6	31 22	86 32	180	7A					
CUBA	SUNTER	2079	13	32 26	88 23	215	7A			R. M. HARRIS	RIVER FALLS 2 NE	6942	COVINGTON	6	31 22	86 31	190	7A					
DADEVILLE	TALLAPOOSA	2119	13	32 49	85 76	700	7A			R. W. BARTLETT	ROBERTSDALE 1 E	6988	BALDWIN	9	30 32	87 40	155	7A					
DADEVILLE 2	TALLAPOOSA	2124	13	32 50	85 46	730	7A			M. CLAY PLESS	ROCKFORD	7020	COOSA	7	32 53	86 13	650	6A					
DANCY 4 N	PICKENS	2141	13	33 04	88 17	207	6P			MRS. C. O. WEEKS	ROCK MILLS	7025	RANDOLPH	4	33 09	85 18	745	6P					
DAYTON	MARENGO	2188	13	32 21	87 39	220	7A			H. JAMES M. CREWS	RUSSELLVILLE 2	7131	FRANKLIN	12	34 31	87 44	880	7A					
DECATUR	MORGAN	2207	12	34 35	86 48	580	6A			M. JAMES M. HARRIS	SAINT BERNARD	7157	CULLMAN	2	34 12	86 47	802	7A					
DELTA	CLAY	2235	1	33 26	85 42	1030	7A			MRS. VERA B. LANDERS	SANO MT SUBSTATION A U	7207	DE KALB	12	34 17	85 50	1195	6P					
DEPOLIS LOCK AND DAM	WALKER	2245	13	32 31	87 50	100	8A	8A		H. CORPS OF ENGINEERS	SAYRE	7282	JEFFERSON	2	33 43	86 58	304	7A					
DIKICH FAA AIRPORT	HOUSTON	2272	5	31 14	85 26	321	MIO	MIO		SCOTTSSBORO	SCOTTSSBORO	7304	JACKSON	12	34 41	86 03	615	7A					
DOTMAN 4 W	HOUSTON	2377	5	31 13	85 27	301	7A			R. E. PILCHER	SEALE	7328	RUSSELL	4	32 18	85 10	390	5P	5P				
DOUBLE SPRINGS	WINSTON	2386	2	34 10	87 24	900	7A			H. MITCHELL WHATEY	SELMA	7366	DALLAS	1	32 25	87 00	147	5P	7A				

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

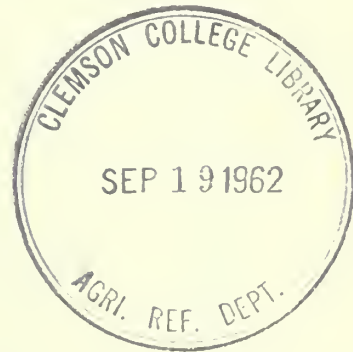
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



JULY 1962
Volume 68 No. 7



ALABAMA - JULY 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 104° on the 24th at Decatur

Lowest Temperature: 46° on the 28+ at Valley Head

Greatest Total Precipitation: 10.80 inches at Elrod

Least Total Precipitation: 0.53 inch at Selma

Greatest One-Day Precipitation: 3.83 inches on the 26th at Citronelle

SPECIAL WEATHER SUMMARY

July weather was rather hot, with some 35 stations reporting 100° temperatures, or over, mostly on the 23d and 24th.

Precipitation was below normal in all Climatological Divisions except No. 5, Piedmont Plateau, where 123 percent of the normal amount was received.

Rainfall continued below normal, for the third consecutive month, at the 15 stations listed below:

STATION	TOTAL MAY-JULY RAINFALL	PERCENTAGE OF NORMAL
Albertville	7.75	63
Birmingham	8.74	69
Brundidge	8.61	63
Clayton	8.20	58
Coffee Springs	6.53	45
Decatur	5.70	51
Elba	6.62	45
Geneva	8.49	58
Millers Ferry	6.44	47
Newton	7.77	59
Ozark	9.69	65
Prattville	9.68	70
Primrose Farm	7.92	61
Troy	6.88	49
Tuscaloosa, Oliver Dam	7.18	57

When the precipitation amount falls below 80 percent of normal, especially during the crop growing season (April through September), its effects begin to be felt. If the cumulative amount of precipitation is below 85 percent of normal for a period of 2 months or more, its effects are felt and the longer the period of

time the cumulative precipitation amount remains below 85 percent the more serious are the effects of the moisture deficiency.

CLIMATOLOGICAL DIVISION	TOTAL MAY-JULY RAINFALL	CUMULATIVE PERCENTAGE OF NORMAL
No. 1, Northern Valley	9.05	80
No. 2, Apalachian Mtns.	10.27	84
No. 3, Upper Plains	9.66	74
No. 4, Eastern Valley	10.17	83
No. 5, Piedmont Plateau	11.83	92
No. 6, Prairie	10.01	78
No. 7, Coastal Plain	10.77	70
No. 8, Gulf	14.38	73

The tabulation by Climatological Divisions shows that all Divisions, except No. 5, Piedmont Plateau, had a cumulative percentage of normal rainfall less than 85 percent for the 3-months period.

As a result of the dry weather, the corn crop was a failure in some of the drier areas. Growth of hay crops was slow and production has been much below normal, with the prospect of winter supplies being short on many farms. By the end of July, the grazing shortage was acute in the Hale, Pickens, Marengo, and Sumter County areas and some cattlemen were forced into early marketing of their cattle. Generally, livestock continue in fair to good condition due to cattle being allowed to graze fields and pastures from which hay would normally be cut.

Arthur R. Long,
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

CLIMATOLOGICAL DATA

ALABAMA
JULY 1962

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
										90° or Above	32° or Below	32° or Below	0° or Below										
SELMA	95.4	72.0	83.7	1.9	100	23+	65	10	0	31	0	0	0	.53	- 4.68	.16	4	.0	0		2	0	0
TUSKEGEE 2 UNION SPRINGS 5 S	93.0	70.7	81.9	1.2	98	23+	63	10	0	25	0	0	0	6.20	-.81	1.64	4	.0	0		10	3	3
DIVISION			82.4	.9										5.52	-.80	1.50	7	.0	0		5	4	3
COASTAL PLAIN														3.40	- 2.07			.0					
ANDALUSIA 1 NW	94.6	70.0	82.3		101	25	63	10+	0	29	0	0	0	1.25		.48	27	.0	0		3	0	0
ATMORE STATE FARM	95.0	71.2	83.1		100	21	67	20+	0	30	0	0	0	4.17		1.57	7	.0	0		5	3	2
BRANTLEY	95.0	68.4	81.7		99	24+	60	10	0	29	0	0	0	3.82	- 2.12	1.27	5	.0	0		9	3	1
BREWTON 3 SSE	95.2	69.1	82.2	1.6	100	22	63	11	0	31	0	0	0	7.68		2.84	8	.0	0		8	6	2
CAMOEN 3 NW	95.3	70.1	82.7		99	22	64	20	0	30	0	0	0	3.95		1.52	7	.0	0		8	3	1
CHATAM	95.4	67.5	81.5		98	31+	59	20	0	30	0	0	0	3.72		1.98	26	.0	0		8	1	1
CLAYTON	93.7	71.3	82.5		97	23+	66	10	0	27	0	0	0	4.13	- 1.97	.76	21	.0	0		8	4	0
OOTHAN FAA AIRPORT	93.0	72.9	83.0		99	22	66	10	0	28	0	0	0	2.76	- 3.34	.95	25	.0	0		6	2	0
ENTERPRISE	93.4	72.2	82.8		97	23	67	10	0	28	0	0	0	6.37		2.41	7	.0	0		7	4	2
EUFULA	94.9	68.9	81.9	.3	101	21	60	10	0	30	0	0	0	3.44	- 3.16	.87	24	.0	0		9	2	0
EVERGREEN	94.1	69.6	81.9		99	25+	64	11	0	28	0	0	0	3.60		.98	30	.0	0		5	4	0
FRISCO CITY	93.6	70.8	82.2		97	25+	66	20+	0	30	0	0	0	6.49	.29	2.02	7	.0	0		8	4	3
GENEVA	95.4	70.5	83.0		103	23	65	11+	0	30	0	0	0	4.18	- 2.18	1.14	23	.0	0		10	2	1
GILBERTOWN	96.8	68.3	82.6		101	23+	60	20	0	31	0	0	0	2.75		.90	7	.0	0		6	2	0
GREENVILLE	94.8	71.5	83.2	1.8	99	21	67	1	0	29	0	0	0	6.69	-.12	2.48	8	.0	0		9	4	2
HEAOLAND	92.9	71.6	82.3		97	22	68	11+	0	30	0	0	0	6.23		1.82	30	.0	0		8	4	3
HIGHLAND HOME	91.0M	70.2	80.6M	-.3	95	24	67	1	0	25	0	0	0	7.64	1.17	2.80	29	.0	0		6	5	2
LOCKHART	93.5	71.4	82.5		98	23	67	11+	0	28	0	0	0	2.95		.82	6	.0	0		5	3	0
NATCHEZ	95.7	67.2	81.5		99	22+	61	20+	0	31	0	0	0	4.81		1.55	30	.0	0		7	4	2
OZARK 6 NNW	92.8	71.0	81.9	.9	98	23	65	10	0	27	0	0	0	5.47	-.89	1.72	5	.0	0		8	4	2
PHENIX CITY 2 NNW	92.5	71.6	82.1		98	24	68	10	0	25	0	0	0	4.82		.84	26	.0	0		11	5	0
PUSHMATAHA	95.3	69.5	82.4	1.8	101	22	61	20+	0	30	0	0	0	4.02	- 2.34	1.87	31	.0	0		6	2	1
SEALE	94.0	68.6	81.3		98	24+	63	10+	0	28	0	0	0	2.30		.63	29	.0	0		7	1	0
THOMASVILLE	94.8	70.7	82.8	2.1	100	23	65	10	0	29	0	0	0	3.13	- 3.47	.92	27	.0	0		6	4	0
TROY	93.7M	70.6M	82.2M	1.6	99	21	66	10	0	30	0	0	0	3.83	- 2.57	1.10	30	.0	0		9	2	1
DIVISION			82.2	1.2										4.41	- 2.42			.0					
GULF																							
8AY MINETTE	92.8	73.5	83.2		98	21	70	27+	0	29	0	0	0	3.84		3.08	8	.0	0		3	1	1
CITRONELLE	94.9	72.2	83.6	2.6	102	4	69	27+	0	30	0	0	0	7.90	-.41	3.83	26	.0	0		9	4	2
COOEN	93.7	73.6	83.7		97	19+	69	11+	0	31	0	0	0	7.11		1.64	7	.0	0		14	5	3
FAIRHOPE 2 NE	93.1	73.8	83.5	2.2	97	9	69	11	0	29	0	0	0	5.38	- 3.51	1.70	18	.0	0		8	3	2
FORT MORGAN	90.8	78.6	84.7		94	31	73	8	0	25	0	0	0	1.94		.93	8	.0	0		3	2	0
MOBILE WB AIRPORT	93.3	73.5	83.4	2.4	98	9	70	27+	0	29	0	0	0	5.44	- 4.23	1.94	18	.0	0		9	3	2
MOBILE	94.2	75.9	85.1	2.8	100	22+	70	8	0	30	0	0	0	7.62	-.86	2.50	8	.0	0		9	5	3
ROBERTSOALE 1 E	93.6	71.3	82.5		97	22	67	11+	0	30	0	0	0	5.13	- 4.69	1.69	6	.0	0		8	4	2
DIVISION			83.7	2.4										5.55	- 3.38			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a. CST	Noon CST	6:00 p. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BIRMINGHAM WB AIRPORT	NE	8	6.3	34	NW	4	77	80	49	54	1	3	8	0	1	0	13	69	6.5
HUNTSVILLE WB AIRPORT	N	8	5.6	25++	NNW	5	78	84	48	51	4	6	1	0	1	0	12	-	5.8
MOBILE WB AIRPORT	SW	10	5.9	23++	SSW	28	91	91	56	73	2	6	6	1	2	0	17	-	6.2
MONTGOMERY WB AIRPORT	W	11	6.8	34	N	7	81	82	53	59	3	3	3	0	2	0	11	58	5.9

MONTHLY AND SEASONAL SNOWFALL

Season of 1961 - 1962

ALABAMA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ABBEVILLE 1 NW													0
ALBERTA													0
ALBERTVILLE 2 SE							4.1		.5				4.6
ALEXANDER CITY 6 NE							2.5						2.5
ALICEVILLE							-		T				-
ANDALUSIA 1 NW													0
ANNISTON FAA AIRPORT													0
ARLEY 3 S							T	3.5					3.5
ASHLAND													-
ASHVILLE 4 W							T		T				T
								5.0					5.0
ATHENS 2								4.0					4.0
ATMORE STATE FARM													0
AUBURN 3 SW													0
AUTAUGAVILLE 3 N								3.2		T			3.2
BANKHEAD LOCK AND DAM								3.5		T			3.5
BAY HINETTE									T				T
BELLE MINA 2 N							T	5.5					5.5
BESSEMER 4 SW							T	4.0		T			4.0
BILLINGSLEY 1 SE								3.2		T			3.2
BIRMINGHAM WB AP							T	3.8		T			3.8
BOAZ								4.0					4.0
BRANTLEY													0
BREWTON 3 SSE													0
BRIDGEPORT 2 W							T						-
BROOKWOOD								4.0					4.0
BRUNDIDGE													0
CALERA 2 SW								7.0		T			7.0
CAMDEN 3 NW								1.0		T			1.0
CAMP HILL 2 NW								2.0		T			2.0
CARBON HILL													-
CENTRE 5 SW							T	3.5					3.5
CENTREVILLE								4.0		T			4.0
CHATAM													-
CHILDERSBURG													0
CHILDESBURG WTR PLANT								4.5		T			4.5
CITRONELLE													0
CLAIBORNE													0
CLANTON								3.5					3.5
CLAYTON													0
COOEN								T					T
COFFEE SPRINGS 2 NW													0
COLLINSVILLE							T	2.0		T			2.0
COLUMBIA 1 E													0
CORDOVA								5.0					5.0
COTTONTON													0
CUBA								5.0					5.0
DADEVILLE													0
DANCY 4 N								4.0					4.0
DAYTON								4.0					4.0
DECATUR							T	6.5		T			6.5
DELTA													0
DEMOPOLIS LOCK AND DAM													-
DOOTHAM FAA AIRPORT								T					T
DOUBLE SPRINGS							T	6.0		T			6.0
ELBA													0
ELROD								4.0					4.0
ENTERPRISE													0
EUFULA													0
EVERGREEN													0
EVERGREEN FAA AIRPORT													-
FAIRHOPE 2 NE													0
FALCO OPEN POND TOWER													0
FALKVILLE								3.5					3.5
FALLS CITY BLK POND TWR								6.0		T			6.0
FAYETTE								4.0					4.0
FLORENCE													-
FORT DEPOSIT													-
FORT MORGAN													0
FORT PAYNE							.1	3.0		T			3.1
FRISCO CITY								T					T
GADSDEN													-
GADSDEN GAS PLANT								5.0					5.0
GAINESVILLE							T	4.5					4.5
GADSDEN CITY								4.0		T			4.0
GENEVA													0
GEORGIANNA													0
GILBERTOWN								2.0					2.0
GORGAS								6.0		T			6.0
GREEN BAY													0
GREENSBORO							T	5.0		T			5.0
GREENVILLE								T		T			T
GULF SHORES POST OFFICE													0
GUNTERSVILLE								3.5					3.5
GUNTERSVILLE TVA								5.1					5.1
HALEYVILLE													-
HAMILTON													-
HAMILTON 3 S								5.0		T			-
HARRISBURG CAMABA TOWER													-
HAYNEVILLE								1.0		T			1.0
HEADLAND													0
HEFLIN								4.5		.5			5.0
HIGHLAND HOME													0
HIGHTOWER								2.0		1.0			3.0
HODGES								4.0		T			4.0
HUNTSVILLE WB AP							.7	4.9		T			5.6

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

CONTINUED

Season of 1961 - 1962

ALABAMA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
JACKSON							T						T
JACKSONVILLE 2 SW						T	4.0		T				4.0
JASPER 4 N							5.0						5.0
JORDAN DAM													0
LAFAYETTE							2.0						2.0
LAY OAM							-						-
LEEDS						T	3.5		T				3.5
LEESBURG							4.0						4.0
LIVINGSTON							4.5						4.5
LOCKHART													0
LOUISVILLE													0
MADISON						T	7.0						7.0
MAGELLA							-						-
MARION 1 N													0
MARION JUNCTION 1 ENE							2.0						2.0
MARION JUNCTION 2 NE							3.5						3.5
MARTIN DAM							-		T				-
MATHEWS 1 SSW							1.0						1.0
MELVIN							3.5						3.5
MERTZ PONDVILLE TOWER							4.5						4.5
MILLERS FERRY													0
MILSTEAD							1.0						1.0
MINTER 3 NW							1.0						1.0
MITCHELL DAM							-						-
MOBILE WB AIRPORT							T						T
MOBILE													0
MONTEVALLO						T	6.5		T				6.5
MONTGOMERY WB AP							1.0		T				1.0
MOULTON 2						T	6.5		T				6.5
MUSCLE SHOALS FAA AP						T	-						-
NATCHEZ							T						T
NEW MARKET 2						T	-	-	-	-			-
NEWTON													0
ONEONTA						.5	4.0		1.0				5.5
OPELIKA							-		T				-
ORRVILLE							.8		T				.8
OZARK 6 NW							T						T
PALMERDALE 2 W						.5	4.0		T				4.5
PELL CITY 1 NNE							-						-
PERRYVILLE							3.6		T				3.6
PHENIX CITY 2 NW									T				T
PICKENSVILLE							3.0						3.0
PINE HILL													0
PINE LEVEL													0
PLANTERVILLE 2 SSE							3.5						3.5
PRATTVILLE							-						-
PRIMROSE FARM							-						-
PUSHMATAHA							-						-
RED BAY							-						-
REDSTONE ARSENAL						T	-						-
REFORM							4.2						4.2
RIVER FALLS													0
ROBERTSDALE 1 E							T						T
ROCKFORD							4.0						4.0
ROCK MILLS							-		T				-
RUSSELLVILLE 2						T	6.0		T				6.0
SAINT BERNARD						T	5.2		T				5.2
SAND MT SUBSTATION A U						1.0	2.6						3.6
SAYRE						T	.5						.5
SCOTTSBORO						T	5.0		T				5.0
SEALE							T						T
SELMA							2.5						2.5
SLOCOMB													-
SNOW HILL													0
SUTTLE													0
SYLACAUGA 4 NE							4.9		T				4.9
TALLAOEGA							4.8		T				4.8
THOMASVILLE							3.9		T				3.9
THORSBY EXP STATION							3.5						3.5
THURLOW OAM							-						-
TRAFFORD							-						-
TROY													0
TUSCALOOSA FAA AIRPORT							-						-
TUSCALOOSA OLIVER DAM							2.5						2.5
TUSKEGEE 2							-						-
UNION SPRINGS 5 S							T						T
UNIONTOWN							-						-
VALLEY HEAD						2.0	4.5		.5				7.0
VERNON							-						-
WADLEY													0
WALLACE 2 E													0
WALNUT GROVE							-						-
WARRIOR LOCK AND DAM													0
WATERLOO						T	6.5						6.5
WEST BLOCTON							4.0						4.0
WETUMPKA							1.3						1.3
WHATLEY													0
WINFIELD 2 SW							4.5						4.5
YATES HYDRO PLANT							-						-

See Reference Notes Following Station Index

DAILY TEMPERATURES

ALABAMA JULY 1962

Table with columns for Station, Day Of Month (1-31), and Average. Rows list various Alabama locations like ALEXANDER CITY 6 NE, ALICEVILLE, ANOALUSIA 1 NW, etc.

See reference notes following Station Index.

DAILY TEMPERATURES

ALABAMA

JULY 1962

Continued

Table with columns for Station, Day Of Month (1-31), and Average. Rows include stations like FRISCO CITY, GAOOEN GAS PLANT, GAINESVILLE, etc., with MAX and MIN values for each day.

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

CONTINUED

Season of 1961 - 1962

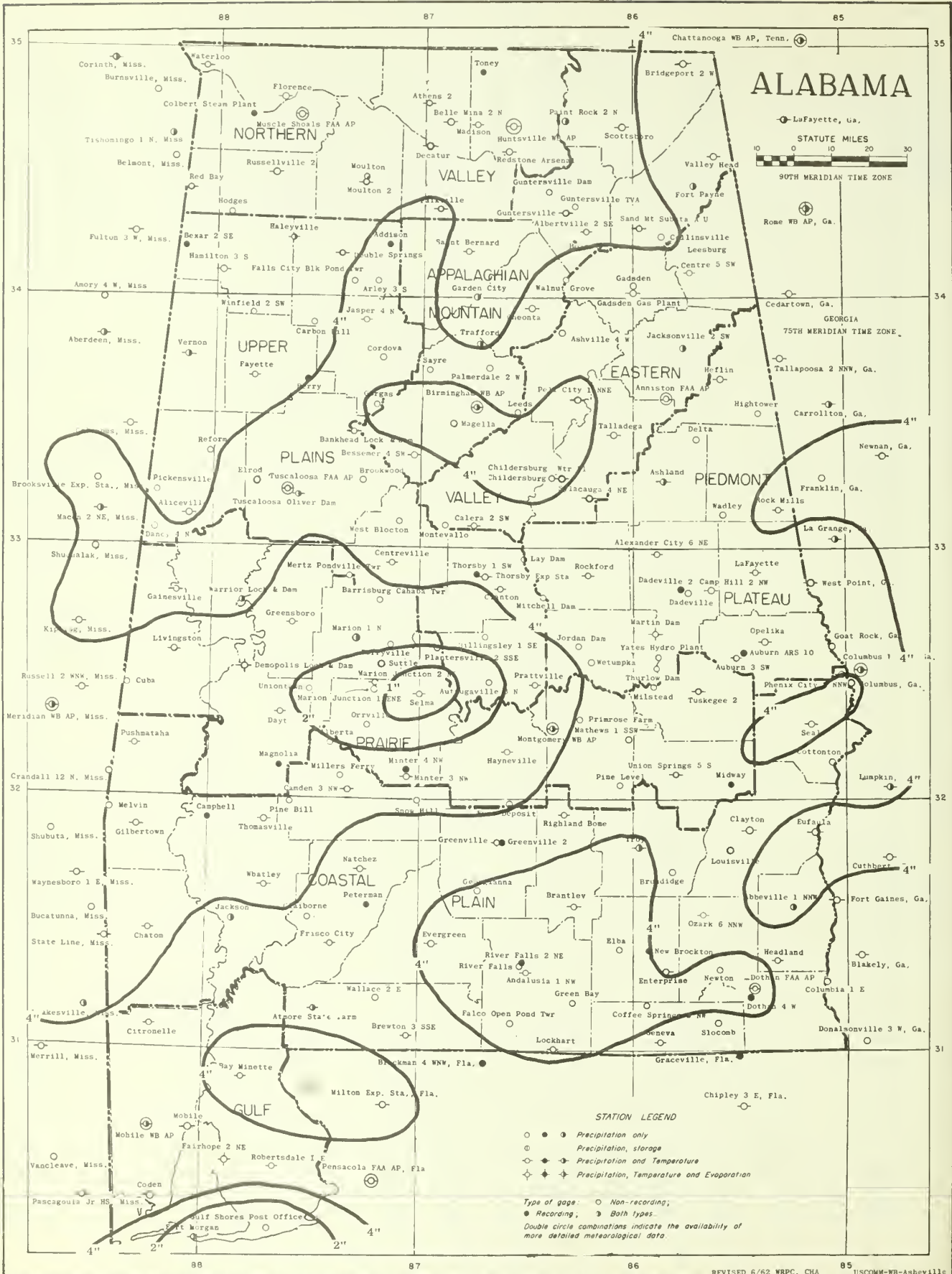
ALABAMA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
TROY	0	0	2	50	222	410	539	147	326	129	0	0	1825	
TUSCALOOSA FAA AIRPORT	0	0	4	117	309	502	697	275	413	162	1	0	2480	
TUSCALOOSA OLIVER DAM	0	0	19	135	337	596	737	317	484	213	7	0	2845	
TUSKEGEE 2	0	0	73	249	471	597	201	350	147	1	1	0		
UNION SPRINGS 5 5	0	0	9	98	249	505	625	233	372	171	4	0	2266	
VALLEY HEAD	0	2	31	275	414	731	860	459	621	325	21	1	3750	
VERNON	0	0	19	157	372	665					4	0		
WATERLOO	0	0	34	240	392	717	865	422	581	245	16	0	3512	
WHATLEY	0	0	9	111	254	404	566	186	352	113	3	0	1998	

See Reference Notes Following Station Index

TOTAL PRECIPITATION

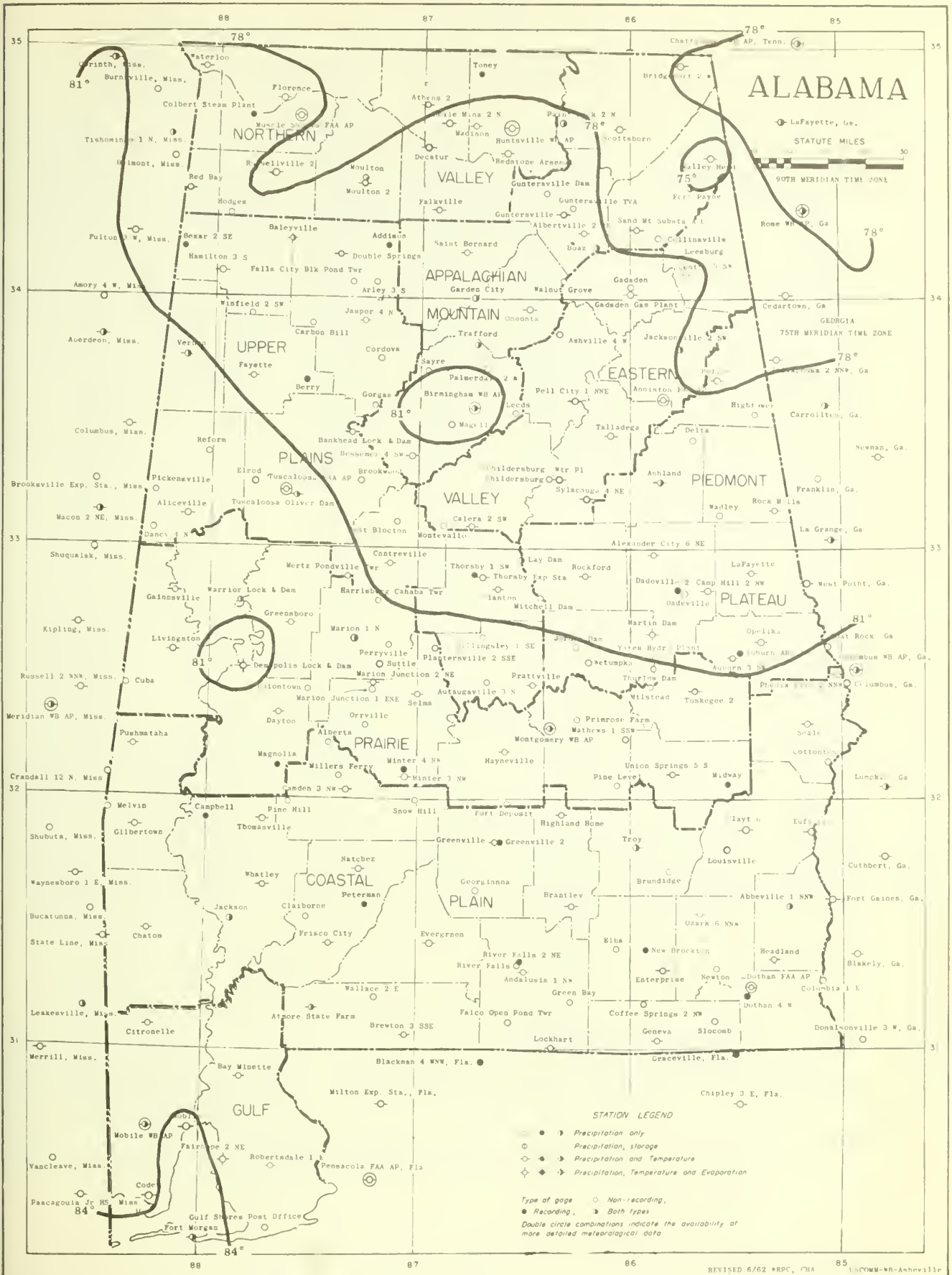
ALABAMA
JULY 1962



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
JULY 1962



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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CLIMATOLOGICAL DATA

ALABAMA



AUGUST 1962

Volume 68 No. 8



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 102° on the 29+ at 5 stations

Lowest Temperature: 50° on the 29th at Valley Head

Greatest Total Precipitation: 8.36 inches at Greenville

Least Total Precipitation: 0.05 inch at Fayette

Greatest One-Day Precipitation: 3.26 inches on the 14th at Dadeville

SPECIAL WEATHER SUMMARY

August weather was rather hot, with 35 stations reporting temperatures of 100°, or over.

Precipitation was below normal in all Climatological Divisions, being only 59 percent of normal for the State as a whole.

Rainfall continued below normal, for the fourth consecutive month, at the 13 stations listed below:

STATION	TOTAL MAY-AUGUST RAINFALL	PERCENTAGE OF NORMAL
Albertville	9.25	57
Birmingham	12.23	70
Brundidge	13.15	70
Coffee Springs	10.60	53
Decatur	7.07	47
Elba	9.77	50
Geneva	11.38	55
Millers Ferry	9.14	51
Ozark	12.81	61
Prattville	12.15	65
Primrose	10.46	60
Troy	9.80	51
Tuscaloosa, Oliver Dam	8.60	52

The cumulative moisture deficit slightly improved at Birmingham, Brundidge, Coffee Springs, Elba, and Millers Ferry. At all of the remaining stations the cumulative moisture deficit continued to deteriorate during August.

Ten stations reported less than one inch of rainfall during August and three stations one-half an inch or less.

The Observer at Belle Mina notes on his August report "Very dry month. Cotton 3 weeks ahead in opening. Very little hay. Soy beans for oil are very poor, and many farmers are cutting them for hay. Pastures are shorter than they have been since 1954."

The Observer at Montevallo stated that the total rainfall of 3.80 inches at his station during August represented only the immediate area around the station. Some 3 to 4 miles north of the station wells were dry and pastures were in very bad condition.

The cumulative moisture deficit continued to deteriorate in all Climatological Divisions during the month.

CLIMATOLOGICAL DIVISION	TOTAL MAY-AUGUST RAINFALL	CUMULATIVE PERCENTAGE OF NORMAL
Northern Valley	10.78	72
Appalachian Mtns.	12.35	75
Upper Plains	12.02	69
Eastern Valley	12.72	77
Piedmont Plateau	15.29	88
Prairie	12.53	74
Coastal Plain	13.91	67
Gulf	17.77	68

Twenty-nine of Alabama's 67 Counties were declared eligible for "drought relief" during the month.

The U. S. Geological Survey reports for August as follows:

"Runoff was deficient in the south and well below median elsewhere. Scattered showers occurred over most of the State ending near drought conditions that prevailed in July, but they were not sufficient to produce more than minor amounts of runoff. Storage in Lake Martin declined seasonally but was 12 percent above the 34 year average. Ground-water levels in observation wells generally declined. The level in the key artesian well at Selma was record low for the second consecutive month."

The dry weather reduced yields of practically all crops. Continued hot, dry weather caused premature opening of cotton and considerable shedding of small bolls. Corn yields were sharply reduced and late plantings continue to suffer from lack of moisture. Yields of peanuts are extremely variable depending on the extent of drought damage earlier. Yields on some late planted Soybean fields were sharply reduced by dry weather. Condition of grain sorghum varies, depending on availability of moisture; dry weather has caused growth to slow and is forcing older plantings to early maturity. Growth of hay continued slow and dry weather seriously limited growth of summer hay crops; less than normal acreage has been available for cutting and many farmers over Alabama face a serious shortage of hay for winter feeding needs.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

CLIMATOLOGICAL DATA

ALABAMA
AUGUST 1962

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	32° or Below	37° or Below	61° or Below	67° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN VALLEY																								
THENS 2	92.9	64.6	78.8		101	20	57	29+	0	26	0	0	0	1.26		.82	8		.0	0		2	1	0
ELLE MINA 2 N	93.7M	65.4M	79.6M		101	19	57	11	0	27	0	0	0	1.14		.97	8		.0	0		2	1	0
ECATUP	93.8	67.9	80.9	.4	102	20	61	12	0	28	0	0	0	1.37	- 2.35	1.10	8		.0	0		2	1	1
WALKVILLE	93.0	66.1M	79.6M		100	30	56	11	0	26	0	0	0	1.79		.77	8		.0	0		4	2	0
LORENCE	95.1M	67.9M	81.5M		102	20+	61	28+	0	29	0	0	0	2.14		.86	8		.0	0		3	2	0
UPPER PLAINS																								
UNTSVILLE WB AP	93.7	68.9	81.3	1.1	99	20+	61	11	0	29	0	0	0	.72	- 2.57	.48	7		.0	0		2	0	0
COLTON	94.0	66.4	80.2		102	19	57	11	0	25	0	0	0	2.90		1.37	31		.0	0		4	2	1
USCLC SHOALS FAA AP	92.0	67.0	79.5		99	19	59	11	0	23	0	0	0	2.34		1.14	31		.0	0		3	2	2
NEW MARKET 2	92.6	64.0	78.3		100	19	53	11	0	24	0	0	0	1.26		.44	21		.0	0		3	0	0
WED BAY	91.7	68.8	80.3		100	20	62	11	0	23	0	0	0	1.86		1.33	24		.0	0		2	1	1
MIDDLE VALLEY																								
EDSTONE ARSENAL	91.9	65.2	78.6		98	19	56	11	0	24	0	0	0	1.88		1.18	21		.0	0		2	2	1
WATERLOO	92.7	62.4	77.6		99	20+	54	11	0	24	0	0	0	1.94		.74	24		.0	0		4	1	0
DIVISION																								
			79.7	.1										1.73	- 1.82				.0					
APPALACHIAN MOUNTAIN																								
LBERTVILLE 2 SE	89.5	66.8	78.2	.5	96	31	62	30+	0	14	0	0	0	1.50	- 2.51	1.12	8		.0	0		2	1	1
ESSEMEP 3 SSW	93.3	67.5	80.4		101	7	57	11	0	27	0	0	0	2.35		1.24	8		.0	0		4	2	1
IRMINGHAM WB AP	93.5	70.7	82.1	2.5	101	7	62	11	0	27	0	0	0	3.49	- 1.36	1.08	5		.0	0		8	2	1
RIDGEPORT 2 W	94.0	63.9	75.0		101	19	55	29	0	28	0	0	0	1.51	- 1.90	.58	8		.0	0		4	1	0
UNTERSVILLE	93.2	67.1	80.2		98	20	60	29+	0	28	0	0	0	3.13		1.80	8		.0	C		6	1	1
LOWER VALLEY																								
NEONTA	92.5	64.0	78.3		97	30+	56	29+	0	27	0	0	0	1.79		1.45	8		.0	0		4	1	1
SAINT BERNARD	92.7	65.8	79.3	1.1	100	20	59	10	0	26	0	0	0	1.42	- 2.73	.58	8		.0	0		4	1	0
ANDO MT SUBSTATION A U	90.4	65.6	78.0		97	30	56	29	0	20	0	0	0	.69		.46	8		.0	0		2	0	0
COTTSBORO	91.5	64.0	77.8	-.7	98	30	53	28	0	22	0	0	0	2.68	-.95	.92	8		.0	0		4	3	0
ALLEY HEAD	90.2	60.1	75.2	- 2.0	96	31	50	29	0	20	0	0	0	2.26	- 1.61	.97	8		.0	0		5	2	0
DIVISION																								
			78.9	.4										2.08	- 2.04				.0					
UPPER PLAINS																								
LICEVILLE	94.7	70.5	82.6		100	19	66	18+	0	31	0	0	0	1.40		.85	1		.0	0		3	1	0
WANKHEAD LOCK AND DAM	92.1	67.9	80.0		98	8	61	11	0	25	0	0	0	4.20		1.51	22		.0	0		7	3	1
CENTREVILLE	92.4	68.3	80.4	-.6	98	8	59	11	0	25	0	0	0	2.25	- 2.06	.85	16		.0	0		5	2	0
LANTON	91.5	67.6	79.6	-.4	96	29+	59	11	0	22	0	0	0	2.94	- 1.72	.60	23		.0	0		10	3	0
DOUBLE SPRINGS	91.1	65.6	78.4		96	20	59	17+	0	24	0	0	0	4.87		2.54	8		.0	0		4	4	1
LOWER VALLEY																								
WAYETTE	94.2	68.8	81.5		100	29+	61	17	0	29	0	0	0	.05		.03	25		.0	0		0	0	0
WALEYVILLE	90.9	66.5	78.7		97	20	56	11	0	23	0	0	0	.65		.52	8		.0	0		1	1	0
WAMILTON 3 S	93.6	63.2	78.4		100	20	52	17	0	27	0	0	0	1.40		.62	1		.0	0		4	1	0
WASPER 4 N	92.0	65.8	78.9		98	19+	58	29+	0	25	0	0	0	4.99		2.58	8		.0	0		3	3	2
WATTVILLE	94.8	70.1	82.5	2.1	101	7	65	15	0	30	0	0	C	2.47	- 2.34	.60	3		.0	0		8	2	0
DIVISION																								
	92.0	69.1	80.6		97	7	64	11	0	22	0	0	0	4.19		.88	5		.0	0		7	5	0
WUSCALOOSA FAA AIRPORT	94.9	70.2	82.6		100	19	60	11	0	30	0	0	0	1.63		1.53	21		.0	0		1	1	1
WUSCALOOSA OLIVEP DAM	93.7	69.8	81.8	.4	100	20	61	11	0	30	0	0	0	1.42	- 2.55	.55	22		.0	0		3	1	0
WERNON	96.6	64.7	80.7		102	29+	55	17+	0	28	0	0	0	.60		.31	4		.0	0		3	0	0
DIVISION																								
			80.5	.2										2.36	- 1.96				.0					
EASTERN VALLEY																								
WANNISTON FAA AIRPORT	92.7	68.1	80.4		97	30+	62	29+	0	26	0	0	0	3.23		.91	13		.0	0		5	3	0
WALERA 2 SW	93.4	66.5	80.0		100	7	59	11	0	30	0	0	0	3.67	- 1.04	1.42	6		.0	0		6	3	1
WENTRE 5 SW	93.4	65.8	79.6		99	31+	57	29	0	29	0	0	0	1.79		1.08	8+		.0	0		4	1	1
WILDERSBURG WTR PLANT	94.3	66.8	80.6		101	7	58	11	0	28	0	0	0	2.01		.51	19		.0	0		6	1	0
WILSDEN GAS PLANT	92.5	65.8	79.2	-.2	98	30+	56	10	0	24	0	0	0	1.86		.67	7		.0	0		5	1	0
DIVISION																								
	92.1M	64.7M	78.4M		97	13+	57	11	0	24	0	0	0	3.43		1.08	16		.0	0		6	3	1
WYLAUGA 4 NE	91.6	66.5	79.1		97	7	56	11	0	22	0	0	0	2.55		1.66	14		.0	0		3	2	1
WYLADEGA	90.9	66.8	78.9	-.8	97	20	59	11	0	20	0	0	0	1.87	- 2.21	.81	21		.0	0		5	1	0
DIVISION																								
			79.5	.1										2.55	- 1.67				.0					
PIEDMONT PLATEAU																								
WALEXANDER CITY 6 NE	92.1	64.9	78.5		96	30+	60	15+	0	23	0	0	0	2.10		1.19	14		.0	0		5	1	1
WALBURN 3 SW	92.1	67.0	79.6	-.3	96	31+	63	30+	0	26	0	0	0	2.88	- 1.52	1.15	22		.0	0		5	2	1
WALP HILL 2 NW	90.6	65.7	78.2		95	8	60	15+	0	22	0	0	0	5.15		2.68	14		.0	0		4	3	2
WALFLIN	90.1	62.3	76.2		94	30	55	29+	0	21	0	0	0	3.00		1.20	14		.0	0		4	2	2
WALFAYETTE	91.6	66.7	79.2		97	30	61	8	0	27	0	0	0	4.18		1.96	13		.0	0		7	2	2
DIVISION																								
	91.2	68.5	79.9		95	30+	62	15	0	22	0	0	0	3.87	-.03	2.47	14		.0	0		4	2	1
WALPELIKA	90.4	66.8	78.6		95	31+	61	30	0	19	0	0	0	1.70		.87	8		.0	0		4	1	0
WALPOCKFORD	92.5	65.0	78.8		97	8	61	15+	0	29	0	0	0	4.85		2.01	15		.0	0		5	2	2
WALPOCK MILLS	92.7	64.8	78.8		98	20	60	31+	0	27	0	0	0	3.39		1.02	8		.0	C		7	3	1
DIVISION																								
			78.6	- 1.0										3.46	- 1.05				.0					
PRAIRIE																								
WALYTON																								

CLIMATOLOGICAL DATA

ALABAMA
AUGUST 196

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					
										90° or Above	37° or Below	32° or Below	Below Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More
LIVINGSTON	94.8	71.0	82.9		100	30	68	17+	0	30	0	0	0	1.88		1.29	5	.0	0			3	1			
MARION JUNCTION 2 NE	96.2	68.6	82.4		101	29	61	11	0	31	0	0	0	.70		.45	15	.0	0			3	0			
MINTER 3 NW	93.6	68.6	81.1		98	8	65	17+	0	29	0	0	0	3.18		1.57	16	.0	0			5	2			
MONTGOMERY W8 AP	94.4	72.6	83.5	1.8	99	7	68	15+	0	30	0	0	0	3.41	-.69	1.57	13	.0	0			5	2			
SELMA	95.0	70.9	83.0	1.4	100	7+	65	11	0	29	0	0	0	3.87	-.50	2.93	15	.0	0			5	2			
TUSKEGEE 2	92.9	70.4	81.7	-1.1	98	30+	65	15	0	27	0	0	0	4.38	.58	3.10	14	.0	0			4	2			
UNION SPRINGS 5 S	91.6M	67.7M	79.7M	-1.1	97	30	62	15	0	0	0	0	0	2.82	-1.76	1.09	15	.0	0				1			
DIVISION			81.9	.6										2.52	-1.52			.0								
COASTAL PLAIN																										
ANDALUSIA 1 NW	94.0	68.6	81.3		99	30+	63	11	0	29	0	0	0	4.80		3.18	15	.0	0			4	2			
ATMORE STATE FARM	94.7	69.5	82.1		98	11+	66	16+	0	29	0	0	0	1.26		.49	20	.0	0			5	0			
BRANTLEY	94.4	68.8	80.6		99	9+	61	11	0	28	0	0	0	4.24	-1.08	2.65	15	.0	0			6	2			
BRENTON 3 SSE	93.6	67.6	80.6	.1	99	7	59	11	0	27	0	0	0	3.67	-2.10	1.01	1	.0	0			6	3			
CAMDEN 3 NW	94.9	69.4	82.2		99	23+	61	11	0	30	0	0	0	2.73		1.53	15	.0	0			3	2			
CHATOM	94.3	64.9	79.6		99	30+	54	11	0	29	0	0	0	2.68		1.32	3	.0	0			4	3			
CLAYTON	91.5				99	7			0	23	0	0	0	6.50	-1.61	1.90	23	.0	0			11	6			
OOTHAN FAA AIRPORT	92.8	71.2	82.0		99	7	68	15	0	26	0	0	0	1.89	-3.28	.76	8	.0	0			4	2			
ENTERPRISE	93.1	70.2	81.7		98	7	63	18	0	26	0	0	0	3.32		1.34	15	.0	0			4	2			
EUFAULA	94.3	67.6	81.0	-.3	100	7	61	11	0	28	0	0	0	3.29	-1.43	1.55	14	.0	0			4	2			
EVERGREEN	94.8	68.6	81.7		99	31+	65	11	0	30	0	0	0	2.06		1.39	15	.0	0			4	1			
FRISCO CITY	94.5	69.4	82.0		99	30	64	11	0	29	0	0	0	1.49	-3.68	.56	14	.0	0			6	1			
GENEVA	94.5	68.7	81.6		102	8	66	11+	0	27	0	0	0	2.89	-3.03	1.11	8	.0	0			6	1			
GILBERTOWN	95.0	67.8	81.4		100	12+	56	11	0	29	0	0	0	3.24		1.46	14	.0	0			6	2			
GREENVILLE	93.5	70.6	82.1	1.0	99	7	65	15	0	25	0	0	0	8.36	3.23	2.33	14	.0	0			11	4			
HEADLAND	92.6	69.6	81.1		97	8+	67	10	0	27	0	0	0	2.29		.84	9	.0	0			4	2			
HIGHLAND HOME	89.1	68.8	79.0	-1.6	97	18	64	15	0	17	0	0	0	4.15	-.65	2.00	14	.0	0			5	3			
LOCKHART	93.4	70.1	81.8		99	8	67	16+	0	25	0	0	0	5.06		1.55	15	.0	0			7	4			
NATCHEZ	95.5	65.3	80.4		101	29	56	11	0	30	0	0	0	1.60		.63	23	.0	0			4	1			
OZARK 6 NNW	93.5	68.6	81.1	.4	100	8	64	16	0	26	0	0	0	3.12	-2.74	.68	17	.0	0			8	2			
PHENIX CITY 2 NNW	92.3	70.0	81.2		98	31	62	25	0	26	0	0	0	1.71		.43	21	.0	0			6	0			
PUSHMATAHA	95.0	68.7	81.9	1.5	100	29	57	11	0	31	0	0	0	1.70	-1.54	.57	6	.0	0			5	1			
SEALE	93.0	66.5	79.8		98	29+	63	30+	0	26	0	0	0	2.21		.61	20	.0	0			5	2			
THOMASVILLE	92.8	69.9	81.4	.8	97	31+	64	11	0	27	0	0	0	2.66	-1.76	.89	4	.0	0			7	2			
TROY	92.4	69.7	81.1	.7	98	7	65	15	0	26	0	0	0	2.92	-2.28	1.53	15	.0	0			5	2			
WHATLEY	95.1	68.1	81.6		100	28	58	11	0	30	0	0	0	1.70		.55	1	.0	0			4	2			
DIVISION			81.2	.4										3.14	-2.06			.0								
GULF																										
BAY MINETTE	91.7	72.9	82.3		99	8	70	17+	0	23	0	0	0	7.21		2.42	21	.0	0			10	3			
CITRONELLE	92.5	72.6	82.6	1.3	98	8	69	6+	0	26	0	0	0	4.41	-1.34	1.53	20	.0	0			8	2			
COOEN	92.7	72.3	82.5		96	9	64	11	0	27	0	0	0	2.50		.98	5	.0	0			3	2			
FAIRHOPE 2 NE	91.9	72.0	82.0	.6	97	7	63	11	0	23	0	0	0	2.58	-3.76	.56	23	.0	0			8	1			
FORT MORGAN	90.2	78.6	84.4		94	9	75	24+	0	23	0	0	0	2.05		1.00	22	.0	0			4	2			
MOBILE W8 AIRPORT	91.4	72.8	82.1	1.0	98	8	68	11	0	22	0	0	0	3.01	-3.43	.96	5	.0	0			5	3			
MOBILE	92.8	74.9	83.9	4.3	100	8+	70	10	0	25	0	0	0	1.92	-3.48	.74	1	.0	0			4	2			
ROBERTSDALE 1 E	92.0	69.4	80.7		96	8+	62	11	0	24	0	0	0	3.44	-3.85	1.03	1	.0	0			9	2			
DIVISION			82.6	1.1										3.39	-2.87			.0								

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Midnight CST	6:00 a CST	Noon CST	6:00 p CST	Trace	01-09	10-49	50-99	100-199			200 and over	Total
BIRMINGHAM W8 AIRPORT	NE	8	6.7	43	N	5	79	82	50	55	4	4	6	1	1	0	16	73	5.0
HUNTSVILLE W8 AIRPORT	SE	14	8.3	35++	NW	7	75	83	45	47	2	3	2	0	0	7	-	-	4.7
MOBILE W8 AIRPORT	ENE	10	5.2	23++	E	5	89	92	59	71	2	8	2	3	0	15	-	-	5.8
MONTGOMERY W8 AIRPORT	ENE	11	6.8	32	NE	8	81	84	50	58	0	4	3	1	1	0	9	69	5.0

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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		
ALBERTVILLE 2 SE	MAX 89	89	86	84	87	90	91	92	89	88	84	90	90	91	88	88	87	90	91	94	94	89	88	89	85	88	89	91	92	95	96	89.5	
	MIN 70	65	65	69	71	69	69	66	66	62	65	68	68	68	66	66	66	67	67	68	71	64	65	69	67	66	66	66	63	62	71	66.8	
ALEXANDER CITY 6 NE	MAX 93	92	91	91	96	95	96	93	92	91	93	92	94	87	89	89	91	94	95	95	89	88	92	86	88	89	91	96	96	96	95	92.1	
	MIN 68	62	68	68	65	65	69	67	67	60	67	61	69	67	60	67	63	61	66	65	66	67	65	67	65	67	64	61	62	61	63	64.9	
ALICEVILLE	MAX 90	90	93	94	96	96	99	97	97	94	94	95	98	92	93	93	97	96	100	98	96	91	95	90	92	92	95	96	98	93	95	94.7	
	MIN 71	73	72	73	73	72	76	71	71	70	67	67	73	67	67	66	70	66	68	73	70	73	73	73	73	71	68	68	71	72	72	70.5	
ANOLAUSIA 1 NW	MAX 96	93	98	95	94	99	99	98	96	93	93	95	96	94	93	91	90	92	95	94	93	91	90	94	90	90	89	89	97	98	94	94.0	
	MIN 70	69	72	70	69	68	74	72	69	66	63	70	71	72	65	66	67	66	68	67	69	67	66	68	70	73	68	67	67	70	68	68.6	
ANNISTON FAA AIRPORT	MAX 93	91	89	90	93	94	96	93	91	88	94	92	93	90	88	86	92	96	93	96	93	93	93	88	90	97	95	96	97	97	96	92.7	
	MIN 69	65	70	71	69	68	70	68	70	62	62	67	69	67	67	66	67	66	67	70	70	70	70	73	68	68	69	67	62	67	74	68.1	
ATHENS 2	MAX 91	88	87	90	92	94	95	97	90	91	86	89	94	93	92	92	95	94	96	101	100	93	95	94	90	89	92	93	94	99	93	92.9	
	MIN 64	64	66	67	67	68	72	65	67	57	57	64	71	64	63	61	58	63	61	66	66	63	65	69	68	69	64	60	57	66	72	64.6	
ATMORE STATE FARM	MAX 97	95	94	91	97	95	97	98	97	97	98	97	95	94	92	89	94	97	95	94	87	94	90	91	94	96	96	96	96	96	94	94.7	
	MIN 70	72	71	71	71	69	75	75	73	71	69	70	72	73	66	66	67	69	68	68	68	68	68	68	68	68	68	68	68	68	68	69.5	
AUBURN 3 SW	MAX 94	90	93	91	90	95	95	95	94	93	93	92	91	92	85	90	90	93	94	95	95	92	87	91	87	89	89	92	95	96	96	92.1	
	MIN 70	67	70	70	68	67	70	67	70	65	65	66	67	67	63	68	66	64	65	67	69	69	66	69	67	68	69	66	65	63	67	67.0	
BANKHEAD LOCK AND DAM	MAX 93	90	92	85	91	93	95	98	91	91	88	92	95	92	89	92	88	94	95	97	94	94	91	93	88	91	89	92	95	95	93	92.1	
	MIN 69	66	71	72	70	67	71	68	70	67	61	65	71	70	66	66	66	67	68	67	70	66	69	70	69	69	68	65	64	67	71	67.9	
BAY MINETTE	MAX 94	95	93	92	94	94	97	99	94	96	97	94	91	94	87	87	93	95	90	90	83	85	88	87	88	85	90	93	91	93	93	91.7	
	MIN 79	80	72	76	75	70	77	77	75	71	70	73	75	73	70	75	73	70	73	72	71	71	75	72	71	71	72	71	71	73	72	73	72.9
BELLE MINA 2 N	MAX 89	89	90	93	91	98	99	95	92	89	90	95	95	92	93	93	95	97	101	99	93	94	93	90	89	91	96	99	95	96	93	93.7	
	MIN 65	63	68	66	68	66	70	72	66	58	57	64	72	65	62	61	60	63	66	67	66	63	65	70	69	68	60	59	69	73	65.4		
BESSEMER 3 SSW	MAX 92	94	87	92	94	96	101	93	92	88	93	95	97	91	91	89	93	96	96	98	93	92	92	87	90	91	93	96	99	95	96	93.3	
	MIN 68	65	69	69	68	66	73	70	67	65	67	68	73	70	65	64	64	65	68	67	69	67	69	71	70	69	66	65	69	76	67.5		
BIRMINGHAM WB AP	MAX 95	94	89	92	95	99	101	95	95	90	93	97	94	90	91	89	94	98	96	97	91	92	92	89	89	90	93	96	96	94	92	93.5	
	MIN 70	70	72	73	72	70	71	70	72	68	62	72	74	72	69	68	70	70	73	72	71	70	72	74	71	73	74	71	73	74	74	70.7	
BRANTLEY	MAX 99	94	97	97	95	99	97	99	99	94	93	97	95	95	92	92	93	92	96	96	95	86	94	91	89	90	88	95	97	97	94	94.6	
	MIN 69	68	69	68	68	67	72	70	66	64	61	65	69	69	63	65	65	66	66	66	67	66	66	69	68	71	68	65	66	66	64	66.8	
BREWTON 3 SSE	MAX 94	95	95	92	97	95	99	98	94	95	96	97	95	96	93	92	93	96	94	93	83	88	90	88	90	89	91	95	95	98	95	93.6	
	MIN 68	68	70	69	67	68	73	72	70	69	59	69	71	70	65	65	65	66	68	65	67	66	67	69	70	70	66	65	67	66	67	67.6	
BRIDGEPORT 2 W	MAX 92	91	92	95	94	95	91	96	91	86	91	93	94	88	94	93	95	96	101	100	94	96	93	87	90	93	97	99	99	100	98	94.0	
	MIN 62	64	66	68	65	67	67	65	65	57	56	61	70	65	66	64	60	64	64	65	66	64	67	68	65	66	62	59	55	59	69	63.9	
CALERA 2 SW	MAX 93	94	92	93	95	96	100	93	92	90	93	95	95	94	93	86	93	94	95	96	90	91	93	92	92	94	91	96	95	93	95	93.4	
	MIN 68	64	66	67	66	64	72	67	69	65	59	68	74	69	67	73	63	64	66	66	68	66	68	67	65	66	65	64	63	65	68	66.5	
CAMDEN 3 NW	MAX 95	95	92	94	96	95	99	96	98	95	98	97	98	96	91	85	93	96	96	95	91	90	99	94	91	92	95	98	97	98	97	94.9	
	MIN 68	70	71	69	71	69	76	72	71	67	61	70	73	70	65	65	67	68	71	72	69	71	69	70	69	70	68	68	70	69	69	69.4	
CAMP HILL 2 NW	MAX 91	90	91	91	90	94	94	95	91	90	88	91	90	93	85	90	89	90	93	93	89	88	91	85	87	88	89	92	94	94	90	90.6	
	MIN 69	65	66	70	67	66	68	66	68	62	60	63	70	68	60	64	65	65	66	66	67	68	66	67	65	67	66	64	65	63	65	65.7	
CENTRE 5 SW	MAX 93	93	90	97	94	95	97	95	93	92	88	92	92	95	90	92	93	91	94	95	97	93	92	91	88	90	92	95	98	99	93	93.4	
	MIN 68	66	69	68	69	67	68	67	66	60	60	63	71	67	64	64	65	66	67	68	69	67	66	70	66	69	64	63	57	61	65	65.8	
CENTREVILLE	MAX 92	92	86	89	92	96	95	98	92	93	90	93	95	96	90	89	89	93	95	95	95	92	87	90	88	89	90	93	97	96	97	92.4	
	MIN 70	66	70	72	70	66	73	68	70	66	59	65	73	72	65	67	65	70	68	68	70	66	69	70	70	69	67	65	67	68	72	68.3	
CHATAM	MAX 95	95	93	95	95	95	98	98	95	95	96	96	94	93	90	85	94	95	96	93	86	92	95	93	93	91	95	98	99	95	94	94.3	
	MIN 66	69	65	66	67	66	71	71	67	63	54	63	68	66	63	65	62	69	65	64	64	65	65	66	64	63	61	64	63	62	64	64.9	
CHILDERSBURG WTR PLANT	MAX 96	95	92	92	96	97	101	99	94	91	95	96	95	89	91	89	95	96	96	96	93	91	91	89	90	91	94	99	100	98	97	94.3	
	MIN 69	65	68	69	66	65	75	68	68	63	58	64	77	69	64	66	65	64	68	68	69	69	68	70	66	66	65	64	64	69	66.8		
CITRONELLE	MAX 94	94	94	92	93	95	95	98	94	95	96	95	94	91	88	87	92	93	94	88	84	88	92	90	93	94	92	94	94	92	94	92.5	
	MIN 70	72	70	69	70	69	76	77	79	76	74	76	76	74	73	72	72	73	72	72	71	70	71	71	73	72	71	72	72	73	73	72.6	
CLANTON	MAX 92	92	93	92	92	95	94	96	90	92	89	92	93	94	88	88	88	90	93	94	95	88	87	90	87	87	89	91	96	95			

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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	
FLORENCE	MAX 66	86	93	91	98	98	102	95	96	90	91	97	95			95	93	98	102	102	99	95	95	94	88	90	96	98	100	93	96	95.1
	MIN 66	67	69	73	71	72	73	70	67	62	61	68	71			63	62	65	66	70	67	69	71	66	61	62	69	74	61	60	69	67.9
FORT MORGAN	MAX 92	91	91	86	91	92	93	92	94	93	92	90	91	91	91	90	91	93	92	90	85	86	86	87	86	87	89	90	90	91	92	90.2
	MIN 79	78	79	76	79	77	84	83	80	83	82	78	78	81	79	77	78	81	78	79	75	77	77	75	76	78	77	78	78	78	80	78.6
FRISCO CITY	MAX 96	93	94	94	91	97	96	98	98	96	97	97	96	96	95	89	92	93	97	96	93	89	90	93	91	92	91	94	97	99	98	94.5
	MIN 69	71	71	69	71	69	76	74	72	68	64	70	72	72	67	67	67	70	68	69	69	68	69	69	71	68	67	69	68	68	69.4	
GADSDEN GAS PLANT	MAX 94	87	95	93	95	95	92	91	86	94	94	93	89	92	88	92	94	94	95	97	92	88	86	88	90	93	96	98	98	95	92.5	
	MIN 69	68	71	69	66	70	65	70	62	56	63	71	68	65	63	64	63	65	64	67	67	68	67	71	66	66	64	63	57	64	65.8	
GAINESVILLE	MAX 95	93	91	85	93	92	97	98	92	94	91	93	97	95	92	93	90	96	98	98	94	92	91	93	91	88	91	93	96	97	98	93.5
	MIN 67	72	72	71	71	70	75	74	73	70	62	68	75	72	67	69	67	71	72	62	70	68	71	72	70	70	70	71	72	71	70.1	
GENEVA	MAX 98	96	98	97	97	98	100	102	95	94	95	96	95	95	94	69	94	92	96	97	94	84	92	88	90	90	88	87	95	99	97	94.5
	MIN 71	70	71	70	71	70	71	70	67	66	66	67	68	68	67	68	69	68	69	67	67	71	67	69	69	70	69	68	68	68	69	68.7
GILBERTOWN	MAX 94	95	93	96	96	98	99	100	97	97	96	100	97	96	100	92	95	97	97	95	90	94	94	90	89	89	93	98	95	98	96	95.0
	MIN 67	70	67	69	67	67	72	72	69	65	56	64	71	70	67	69	65	72	69	68	68	68	70	69	69	67	66	65	67	68	67.8	
GREENSBORO	MAX 92	92	87	95	92	97	98	94	97	95	98	98	95	95	92	90	96	99	94	98	92	93	96	91	95	94	98	100	98	100	99	95.2
	MIN 69	69	70	70	71	69	70	71	71	69	63	69	74	72	66	67	68	69	69	69	70	63	69	70	71	69	68	68	67	70	69	69.1
GREENVILLE	MAX 92	96	95	93	97	96	99	97	96	96	96	95	94	93	91	92	92	94	95	94	89	88	92	89	89	88	95	96	96	95	93.5	
	MIN 70	72	73	70	71	70	77	72	74	73	69	71	74	67	65	68	69	70	70	71	71	70	69	70	69	72	70	70	71	71	71	70.6
GUNTERSVILLE	MAX 91	91	87	89	92	95	95	96	91	92	95	93	93	92	91	91	94	96	97	98	93	92	95	89	92	93	95	94	96	97	95	93.2
	MIN 69	65	69	69	70	67	67	66	71	62	60	65	62	60	61	60	61	66	65	67	67	65	68	72	69	67	69	66	66	69	67.1	
HALEYVILLE	MAX 92	89	86	85	90	93	94	95	91	91	87	89	92	91	90	92	91	92	95	97	93	88	90	90	84	85	90	93	93	96	93	90.9
	MIN 67	67	68	71	70	70	70	67	67	67	56	68	68	68	62	66	59	59	66	66	66	66	66	66	68	67	69	68	61	69	71	66.5
HAMILTON 3 S	MAX 93	90	87	87	92	96	96	97	93	95	90	93	94	95	92	93	91	95	97	100	98	94	94	94	89	87	93	96	96	99	96	93.6
	MIN 66	67	67	68	68	67	68	68	62	62	54	59	67	64	61	60	52	58	62	63	63	61	64	66	69	67	63	59	57	62	66	63.2
MAYNEVILLE	MAX 97	94	99	97	95	98	97	100	95	95	95	98	92	98	93	92	98	97	96	96	96	92	97	95	90	92	91	92	97	98	98	95.5
	MIN 67	65	69	66	69	66	73	64	69	65	62	66	71	65	63	72	66	67	69	69	69	68	66	68	66	68	66	67	68	68	67.3	
MEADLAND	MAX 95	91	96	94	92	97	97	97	92	93	91	94	91	95	91	94	93	92	95	95	95	90	90	92	87	87	87	84	93	96	95	92.6
	MIN 71	70	72	71	71	70	71	72	68	67	68	68	70	68	68	68	71	69	70	69	69	71	68	70	69	71	69	69	71	70	69	69.6
MEFLIN	MAX 90	91	89	88	91	92	93	92	91	90	87	90	89	90	86	90	85	89	92	91	93	92	90	90	85	86	89	91	93	94	93	90.1
	MIN 66	62	67	66	64	64	64	63	64	56	55	58	63	64	61	64	63	60	66	64	64	63	64	63	61	61	62	64	55	57	64	62.3
MIGHLANO MOHE	MAX 92	90	94	91	88	91	92	94	90	89	89	90	89	92	86	86	88	97	90	90	90	84	82	89	84	84	85	84	90	94	91	89.1
	MIN 69	70	71	69	69	69	69	68	70	72	66	66	69	66	64	65	67	69	70	70	71	70	68	68	68	70	70	69	70	73	68	68.8
MUNTSVILLE W8 AP	MAX 90	92	89	94	92	98	99	93	93	88	91	95	95	93	94	92	94	97	99	99	92	93	94	90	91	92	94	95	92	95	96	93.7
	MIN 68	67	71	71	72	71	69	68	71	64	61	67	75	69	67	67	66	68	70	72	68	66	69	73	71	72	67	64	62	72	78	68.9
JASPER 4 N	MAX 90	90	85	89	93	98	98	90	91	87	90	94	91	91	90	90	93	94	98	94	94	90	91	87	89	89	93	95	96	96	96	92.0
	MIN 68	68	69	68	69	73	70	67	70	64	58	63	69	67	63	63	58	63	65	65	65	66	66	68	66	67	66	62	58	68	69	65.8
LAFAYETTE	MAX 92	91	92	92	94	93	95	92	90	90	90	90	91	84	90	90	91	93	95	95	92	90	92	86	88	89	90	95	96	97	95	91.6
	MIN 71	67	71	70	70	69	70	61	70	65	62	63	68	65	62	68	67	67	68	68	68	67	67	68	63	66	66	66	66	64	65	66.7
LIVINGSTON	MAX 94	93	82	94	94	97	99	97	96	95	94	97	96	93	92	96	97	97	95	92	92	94	91	92	93	95	98	97	100	99	94.8	
	MIN 70	73	79	69	72	70	71	72	73	71	70	72	76	71	68	69	68	72	72	70	70	69	72	73	70	70	69	71	72	72	71	70.1
LOCKMART	MAX 97	95	98	97	94	97	98	99	96	93	93	94	93	94	94	92	92	93	96	95	93	80	92	89	89	88	88	88	94	97	97	93.4
	MIN 71	70	72	71	71	68	76	72	69	69	68	71	71	72	67	67	69	69	71	70	70	69	69	70	70	70	70	69	69	70	70	70.1
MARION JUNCTION 2 NE	MAX 94	90	93	95	98	97	100	95	97	94	98	99	97	97	91	92	96	98	98	98	94	96	93	92	99	95	100	101	100	98	96.2	
	MIN 69	68	71	68	71	68	75	71	72	68	61	70	74	70	66	67	67	68	70	68	71	66	62	69	68	68	66	68	69	70	68.6	
MARTIN OAM	MAX 91	92	92	89	94	95	95	90	91	88	90	92	93	88	89	90	90	93	94	90	89	91	87	87	88	88	93	95	95	94	91.2	
	MIN 71	68	71	70	69	70	72	67	68	69	70	66	71	66	62	69	66	66	67	69	70	69	68	70	73	68	67	66	67	66	65.5	
WINTER 3 NW	MAX 94	91	92	92	92	97	97	98	95	97	96	96	97	96	96	94	86	92	92	94	94	93	87	90	92	90	91	96	97	97	93.6	
	MIN 68	69	70	69	69	70	70	70	72	70	66	65	66	70	65	66	67	69	70	69	70	68	67	69	69	71	67	69	69	69	68.6	
MOBILE W8 AIRPORT	MAX 94	93	92	87	95	92	97	98	94	96	95	94	90	90	88	89	92	95	91	88	85	88	90	87	87	85	92	93	92	92	91.4	
	MIN 73	72	72	73	71	73	76																									

DAILY TEMPERATURES

ALABAMA
AUGUST 1962

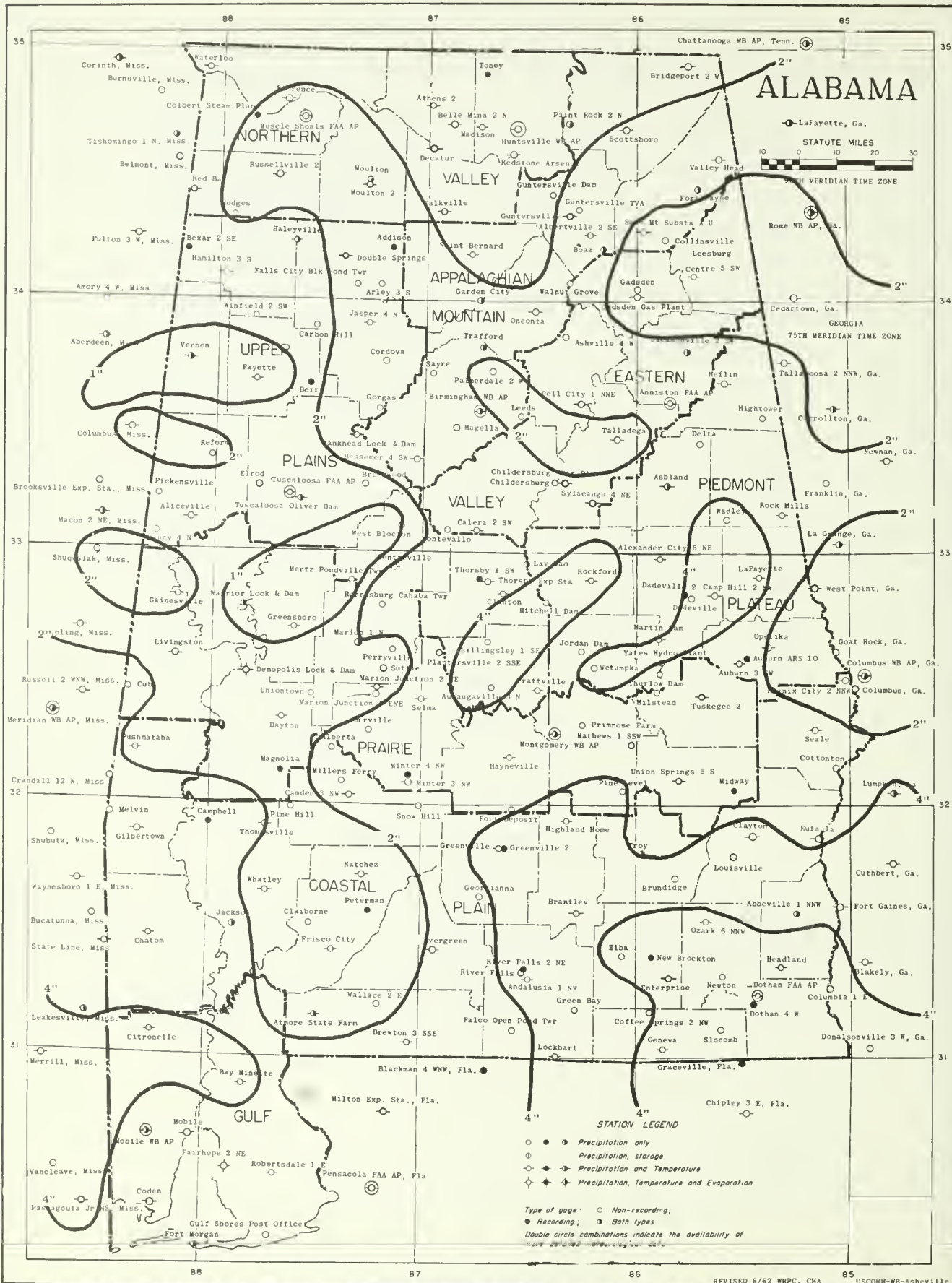
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RED BAY	MAX	90	85	83	86	89	94	95	98	90	93	88	91	93	95	92	92	92	96	96	100	98	97	94	91	83	82	83	90	93	97	97	
	MIN	66	67	70	70	72	72	74	69	69	66	62	66	72	66	64	66	67	68	69	72	72	69	70	70	71	70	68	65	68	71	73	
ROOSTONE ARSENAL	MAX	89	87	89	91	91	94	97	91	91	87	90	93	94	92	92	92	94	96	98	97	92	92	89	87	87	91	92	93	97	93	92	
	MIN	66	64	69	67	68	65	69	65	67	58	56	64	70	66	64	63	63	63	66	67	65	64	66	70	67	66	63	61	58	68	74	
ROBERTS OALE 1 E	MAX	95	95	95	94	91	96	95	96	95	95	95	95	93	92	93	88	90	94	94	92	90	83	87	89	88	87	86	91	93	92	93	
	MIN	70	70	69	69	71	70	75	74	72	68	62	68	72	70	68	67	67	67	69	69	70	70	71	70	70	69	69	68	69	69	70	
ROCKFORD	MAX	93	91	93	87	90	94	94	97	91	93	93	94	92	93	89	91	90	94	94	95	94	94	94	92	91	92	91	92	93	93	95	
	MIN	67	68	66	68	67	65	65	67	70	65	64	63	63	61	61	64	65	66	65	65	65	65	65	65	65	65	65	65	65	65	62	
ROCK MILLS	MAX	94	92	91	92	96	95	97	95	93	91	92	90	92	85	91	89	92	94	94	98	97	92	91	85	89	91	93	95	97	95	92	
	MIN	67	63	68	70	65	66	66	66	69	60	60	60	66	67	62	67	66	63	66	65	65	67	66	69	63	67	67	63	60	67	60	
SAINT BERNARD	MAX	90	89	91	85	90	95	95	97	89	90	88	92	95	92	92	93	92	93	96	100	97	92	93	91	88	90	94	95	99	99	92	
	MIN	68	67	67	70	68	67	70	65	69	59	67	64	70	67	64	65	62	64	66	66	67	64	63	62	67	66	66	64	65	69	69	
SAND MT SUBSTATION A U	MAX	89	87	85	89	90	93	92	89	88	85	90	90	91	88	90	88	91	93	95	96	90	90	90	85	88	90	92	93	96	97	93	
	MIN	66	62	66	69	67	66	68	69	68	57	64	66	71	65	64	62	65	65	69	66	68	62	68	69	65	69	63	60	56	69	71	
SCOTT 580RO	MAX	92	91	90	89	91	91	95	91	90	89	87	89	87	93	89	91	91	93	90	92	97	95	91	89	89	95	89	95	94	98	95	
	MIN	68	64	65	66	67	66	69	66	67	60	56	61	63	66	66	65	66	67	69	65	66	65	66	67	66	58	61	53	60	60	61	
SEALE	MAX	90	95	95	91	97	97	98	95	95	93	94	93	94	87	91	93	92	95	96	96	91	90	94	84	89	88	87	95	98	97	94	
	MIN	64	65	68	68	67	67	70	68	69	66	65	63	65	67	65	68	68	65	66	66	69	70	66	68	65	68	67	65	68	63	64	
SELMA	MAX	97	95	97	97	100	98	100	97	98	96	96	98	98	96	91	89	93	95	95	94	91	91	92	89	90	90	93	98	97	97	96	
	MIN	71	70	70	70	72	69	72	72	74	72	65	71	75	73	67	69	70	69	71	72	74	70	70	72	71	72	70	69	71	72	73	
SYLACAUGA 4 NE	MAX	94	92	89	91	94	95	97	93	93	89	94	90	94	87	88	87	91	94	94	94	88	89	90	87	89	90	92	95	95	92	94	
	MIN	69	63	66	69	65	64	70	68	66	61	56	67	74	68	63	67	65	64	68	67	68	68	67	71	69	68	65	64	64	64	73	
TALLAOGEA	MAX	90	88	89	88	92	94	95	90	90	86	91	92	95	86	90	86	90	94	95	97	92	89	87	87	87	88	91	93	95	96	95	
	MIN	69	64	68	72	67	66	71	68	69	63	59	65	72	68	63	66	64	64	67	67	67	68	68	70	67	67	67	65	63	65	71	
THOMASVILLE	MAX	95	91	92	91	92	94	94	97	95	95	94	96	96	95	92	90	86	92	95	93	93	89	88	92	89	90	90	93	96	95	97	
	MIN	68	72	71	68	71	70	75	74	73	68	64	69	74	73	67	68	68	71	71	69	69	69	68	69	69	69	69	68	70	70	72	
THORSBY EXP STATION	MAX	96	95	91	93	95	94	97	92	94	89	94	95	94	88	88	88	91	92	92	94	88	89	91	87	88	88	90	95	95	94	95	
	MIN	69	69	70	71	69	68	69	68	72	69	64	69	76	70	65	67	69	67	70	70	70	67	69	71	68	69	69	70	69	70	70	
TROY	MAX	92	95	95	92	95	95	98	95	93	91	95	94	92	92	90	92	91	94	95	93	87	92	92	86	88	89	85	93	95	95	93	
	MIN	70	71	72	69	72	69	75	69	69	70	69	69	71	66	65	68	68	70	70	69	70	71	68	69	69	71	69	71	71	72	69	
TUSCALOOSA FAA AIRPORT	MAX	93	90	85	93	96	96	99	97	97	94	96	98	96	93	93	92	97	99	100	98	95	91	92	90	92	95	98	98	99	97	94	
	MIN	70	70	73	71	73	71	75	71	71	70	60	67	76	70	67	66	66	70	70	68	70	69	72	73	74	73	71	68	67	71	74	
TUSCALOOSA OLIVER DAM	MAX	93	92	90	85	92	94	95	97	94	94	91	94	97	99	94	94	90	91	99	100	97	93	90	93	90	92	90	92	97	97	99	
	MIN	69	70	72	71	71	70	73	70	70	69	61	68	70	65	63	68	67	70	71	70	71	68	68	72	73	71	71	67	69	71	74	
TUSKEGEE 2	MAX	93	94	93	89	95	97	97	91	92	91	94	94	95	85	90	92	90	94	95	95	92	91	94	94	89	90	89	96	98	98	94	
	MIN	72	71	73	71	72	70	74	69	73	71	68	70	72	67	65	70	70	69	70	71	72	72	69	69	69	70	70	70	70	71	71	
UNION SPRINGS 5 S	MAX				95	96	95	96	90	91	90	92	92	92	90	90	90	91	92	93	94	90	92	91	87	87	88	87	89	97	95	91	
	MIN				65	65	72	71	70	69	65	67	67	67	67	62	68	67	68	68	70	71	68	68	71	68	67	67	65	67	70	66	
VALLEY HEAD	MAX	89	90	89	88	89	93	93	91	90	90	85	88	90	90	88	90	90	91	93	95	92	89	90	90	83	88	88	91	92	94	96	
	MIN	61	60	64	63	63	63	63	60	60	51	55	58	65	62	59	60	56	58	61	61	62	58	58	68	66	65	58	55	50	56	63	
VERNON	MAX	96	95	89	87	91	97	97	101	99	100	96	97	97	97	100	98	95	101	100	102	99	96	96	95	91	87	95	100	102	98	100	
	MIN	64	66	67	68	68	68	68	70	64	63	55	63	68	64	62	62	55	64	65	64	64	63	66	69	69	66	64	62	60	68	67	
WATERLOO	MAX	92	92	83	92	92	95	95	99	92	95	88	91	95	95	93	93	92	95	95	99	95	98	94	95	89	88	87	89	88	95	92	
	MIN	64	61	65	66	65	68	73	69	62	60	54	59	61	59	59	58	59	60	58	62	63	66	68	65	62	62	64	56	55	60	70	
WHATLEY	MAX	93	96	92	95	96	96	99	97	95	95	97	95	95	93	94	97	95	96	97	96	85	90	95	91	92	96	95	100	99	98	98	
	MIN	63	72	69	69	65	67	73	72	70	65	58	65	70	73	69	66	66	68	67	69	69	69	68	70	70	71	68	65	68	68	68	

EVAPORATION AND WIND

Station		Day of month																															Total Evap or Wind
		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	
OEMOPOLIS LOCK AND DAM	EVAP	.26	.26	.18	.10	.23	.23	.23	.23	.28	.31	.11	.28	.10	.10	.45	.19	.22	.24	*	*	.63	.19	.14	.24	.20	.31	.23	.26	.23	.19	.28	6.90
	WIND	.39	.32	.18	.31	.14	.36	.33	.57	.76	.55	.63	.27	.46	.52	.53	.33	.26	.22	.21	.32	.33	.39	.37	.54	.68	.48	.48	.38	.16	.14	.33	1194
FAIRHOPE 2 NE	EVAP	.26	.25	.25	.15	.18	.21	.27	.27																								

TOTAL PRECIPITATION

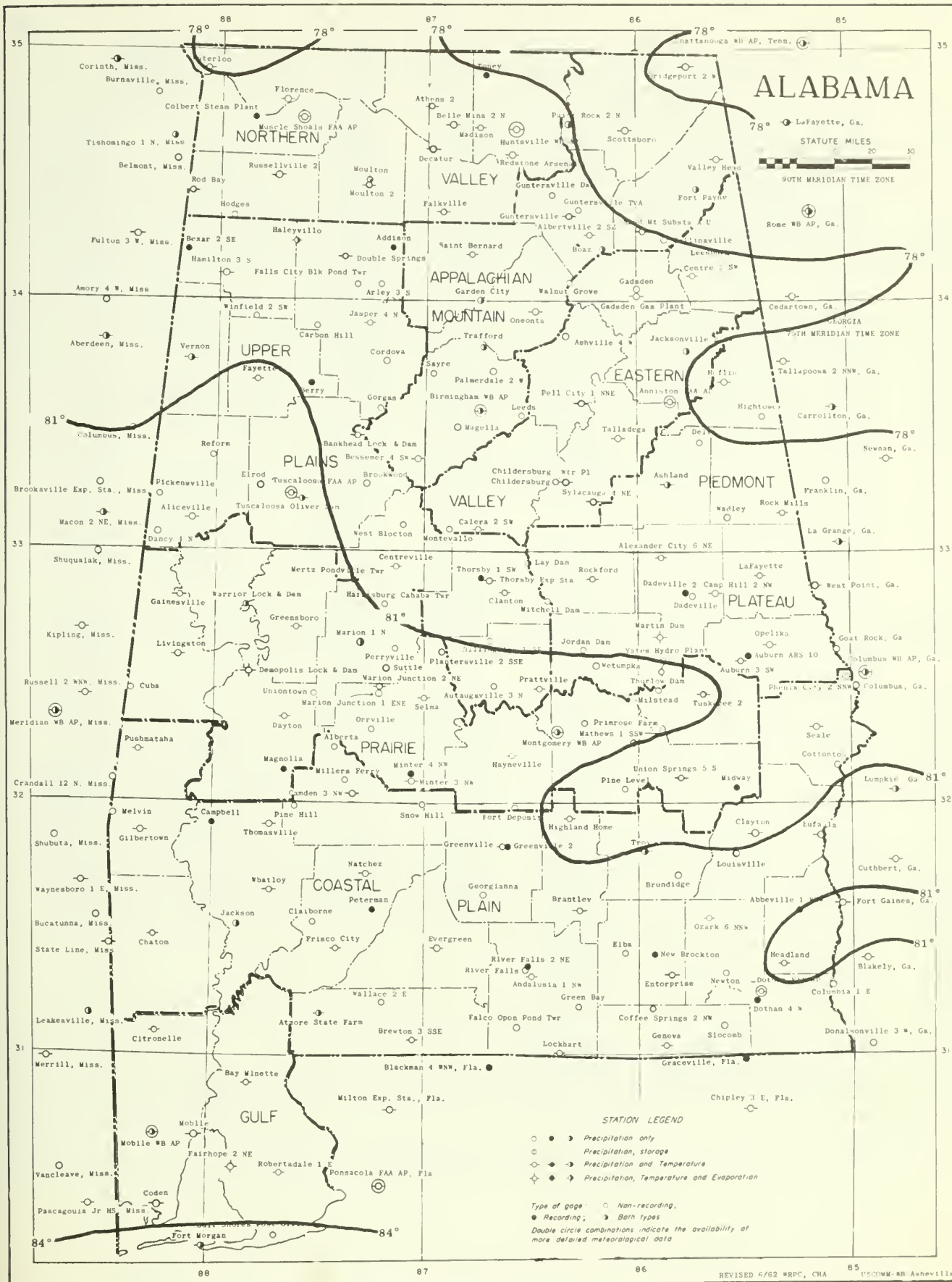
ALABAMA
AUGUST 1962



Isohyets are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

ALABAMA
AUGUST 1962



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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1-13 6/11
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

SEPTEMBER 1962

Volume 68 No. 9



ALABAMA - SPECIAL WEATHER SUMMARY - SEPTEMBER 1962

Droughts are sometimes very spotty, localized phenomena. Furthermore, the effects of drought will vary with the individual crop, the stage of development of the crop, and the season of the year.

If showers are frequent, during periods of dry weather and moisture deficiencies, the effects of the dry weather are not as serious as they would be if showers were infrequent.

During the period May-September, 1962, there were local droughts with infrequent showers and deficient moisture over rather large areas.

At least 6 stations had below normal rainfall for 5 consecutive months, May-September, 1962. These stations are listed below:

STATION	TOTAL MAY-SEPT. RAINFALL	PERCENTAGE OF NORMAL
Albertville	11.35	59
Brundidge	16.96	74
Elba	11.85	49
Millers Ferry	10.37	48
Ozark	16.44	64
Tuscaloosa, Oliver Dam	9.64	49

The cumulative moisture deficit slightly improved at Albertville, Brundidge, and Ozark, while at Elba, Millers Ferry, and Tuscaloosa the deficit continued to deteriorate.

The cumulative moisture deficit improved in all of the climatological divisions of the State, except the Coastal Plain and Gulf areas.

CLIMATOLOGICAL DIVISION	TOTAL MAY-SEPT. RAINFALL	CUMULATIVE % OF NORMAL
Northern Valley	15.26	84
Appalachian Mtns.	16.55	85
Upper Plains	14.45	70
Eastern Valley	17.07	87
Piedmont Plateau	19.44	93
Prairie	15.46	77
Coastal Plain	16.94	67
Gulf	21.91	67

According to the U.S. Geological Survey, in its Water Resources Review for September, 1962, runoff was deficient in the south and well below median elsewhere. Scattered showers occurred over most of the State, but runoff as well as precipitation remained generally low for the fifth consecutive month. Storage in Lake Martin declined seasonally, but was 15 percent above the 34-year average. Ground-water levels in observation wells showed seasonal declines. Local heavy rainfall during the latter part of the month caused some shallow water-table wells to show rises.

In its annual Water Resources Review, the U. S. Geological Survey stated that ground-water levels in Alabama declined drastically in response to the warmest and driest May in most areas. In June precipitation was normal or above normal and levels generally rose. However, levels declined and were generally below average through September- the only exceptions being levels in shallow water-table wells which responded to local thundershowers. The level in the key artesian well in the heavily pumped City of Selma well field, remained below average for all months except June. Monthly record-low levels occurred in May, July, and August.

The Alabama Crop and Livestock Reporting Service of the U. S. Department of Agriculture, Statistical Reporting Service, summarized the effects of the dry weather in Alabama during the 1962 crop season as shown below.

The 1962 crop season was one of deficient moisture throughout the growing season with the exception of June. Yields were reduced for most crops but the outturn was still relatively good. Showers came just in time in many instances during critical dry periods to save crops from extreme deterioration. Localized areas missed by such rains were hard hit by drought but in general the situation did not reach major drought proportions such as Alabama experienced in 1954.

Pastures and hay crops were below normal throughout the year in most areas of the State. Dry weather in late May sharply reduced grazing and rains late in the season were not sufficient for full recovery. Hay cuttings were light and less numerous. West central counties of Alabama were hardest hit.

Irish potatoes produced extremely well in Baldwin Mobile and Escambia Counties as this crop matured ahead of the May drought. The latter adversely affected the potato crop on Sand Mountain in north east Alabama. The May drought also lowered yield of small grains from earlier prospects in many areas.

SPECIAL WEATHER SUMMARY
Continued on Page 128

DAILY TEMPERATURES

ALABAMA
SEPTEMBER 1962

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	
ROBERTSDALE 1 E	MAX 67	91	91	94	92	95	91	90	87	92	88	95	94	93	93	90	87	88	85	87	87	83	86	84	80	84	91	80	79	80	88.1 65.7	
ROCKFORD	MAX 65	93	93	93	94	95	96	77	77	89	90	96	96	97	93	95	90	91	89	81	79	74	80	83	83	83	73	73	73	76	86.5 60.1	
ROCK MILLS	MAX 60	97	98	95	95	95	92	72	91	93	98	99	93	88	87	88	88	86	85	82	77	77	83	79	82	80	75	73	75	79	86.5 59.9	
RUSSELLVILLE 2	MAX 72	90	93	96	95	83	82	87	77	90	90	93	95	95	87	86	83	84	83	84	83	77	78	81	81	78	65	72	68	72	84.0 58.4	
SAINT BERNARD	MAX 67	95	96	95	83	89	86	75	89	90	95	94	93	78	86	83	84	81	80	75	72	77	79	77	72	72	71	68	72	76	82.5 59.8	
SANO MT SUBSTATION A U	MAX 67	95	96	95	83	89	86	75	89	90	95	94	93	78	86	83	84	81	80	75	72	77	79	77	72	72	71	68	72	76	82.5 59.8	
SCOTTSBORO	MAX 90	94	91	91	91	82	88	79	79	90	91	96	91	91	78	88	82	86	82	74	66	74	78	78	74	73	72	73	75	82.5 57.2		
SEALE	MAX 63	95	96	97	96	94	89	80	90	96	98	98	96	88	91	92	88	89	88	88	89	78	85	80	83	82	78	74	77	82	88.4 63.4	
SELMA	MAX 68	95	98	98	99	99	90	86	83	92	96	99	99	95	87	89	92	89	90	89	85	79	83	86	81	87	81	79	76	84	88.7 66.0	
SYLACAUGA 4 NE	MAX 62	95	95	94	94	91	83	78	91	92	96	96	93	86	88	88	85	85	84	80	77	81	84	79	83	75	75	74	76	78	85.6 61.2	
TALLADEGA	MAX 64	94	94	98	96	92	89	82	76	91	93	95	93	92	85	86	86	89	83	82	81	77	73	78	80	77	80	71	74	70	83.8 61.4	
THOMASVILLE	MAX 67	95	96	98	96	98	95	89	87	85	94	97	97	95	95	91	88	90	88	89	89	85	82	84	85	83	88	85	80	76	78	89.3 64.4
THORSBY EXP STATION	MAX 93	95	96	97	94	91	86	76	90	93	98	96	95	88	90	86	86	84	85	81	76	81	84	80	83	78	77	74	76	80	86.3 63.3	
TROY	MAX 70	95	95	97	95	91	82	81	90	94	95	96	96	82	91	90	83	87	88	85	78	80	84	82	85	81	76	74	72	82	86.7 66.2	
TUSCALOOSA FAA AIRPORT	MAX 71	99	99	97	91	91	87	82	94	97	100	97	97	82	89	90	89	89	89	83	82	86	89	86	89	72	82	78	80	85	88.9 63.4	
TUSCALOOSA OLIVER OAM	MAX 72	94	96	98	98	96	90	89	86	82	95	96	97	98	95	84	88	90	87	88	86	81	81	81	85	84	88	72	79	76	78	87.9 63.4
TUSKEGEE 2	MAX 69	95	96	95	100	98	95	87	78	94	97	98	99	93	85	90	97	87	85	82	71	78	83	80	82	81	78	73	78	82	87.4 66.2	
UNION SPRINGS 5 S	MAX 66	94	94	95	96	96	97	93	82	90	93	96	97	98	95	84	93	93	85	88	84	76	84	84	85	83	80	76	70	77	88.1 63.5	
VALLEY HEAD	MAX 66	94	93	93	96	93	82	87	70	80	86	88	92	94	92	80	84	80	84	81	80	70	70	78	80	77	78	66	71	69	73	82.0 54.8
VERNON	MAX 79	99	99	100	100	98	83	90	85	81	93	96	98	99	97	90	88	90	88	91	90	81	83	87	89	86	90	72	80	76	80	89.3 59.0
WATERLOO	MAX 88	90	95	97	94	80	82	84	88	91	92	93	94	94	97	90	88	85	85	83	84	75	76	80	83	82	81	70	75	74	75	85.2 58.7
WHATLEY	MAX 64	98	98	100	100	99	95	91	88	95	99	101	99	98	95	92	93	91	92	93	88	82	91	88	92	91	88	84	81	82	85	92.3 64.3

See Reference Notes Following Station Index

EVAPORATION AND WIND

ALABAMA
SEPTEMBER 1962

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	
FAIRHOPE 2 NE	EVAP	.15	.16	.19	.11	.22	.22	.15	.09	.13	.06	-	.13	.17	.16	.09	.11	.10	.12	.15	.21	.23	.24	.14	.08	.06	.12	.23	.10	.20	.12	B4.39 447	
	WIND	5	3	14	14	22	20	16	1	3	1	8	15	5	8	6	9	7	5	7	17	23	21	12	13	15	15	27	6	13	116		
DEMOPOLIS LOCK & DAM	EVAP	-	.28	.36	.23	.21	.17	.27	.14	.19	.15	.22	.21	.24	.19	.13	.09	.32	.04	.06	.40	.49	.08	.12	.24	.23	.16	.11	.09	.25	.22	B6.09 B1152	
	WIND	-	25	25	52	29	55	52	94	22	32	16	35	34	11	47	12	31	26	34	55	43	92	51	39	26	22	56	54	24	30		
MARTIN DAM	EVAP	.23	.17	.27	.19	.20	.15	.15	.05	.10	.20	.20	.26	.24	-	.11	.20	-	.22	.23	.26	.24	.19	.19	.19	.12	.05	.20	.10	.20	-	B5.46 758	
	WIND	6	5	3	6	14	38	16	10	10	10	10	10	12	10	3	0	20	47	41	71	67	63	42	29	30	04	78	53	30	20		

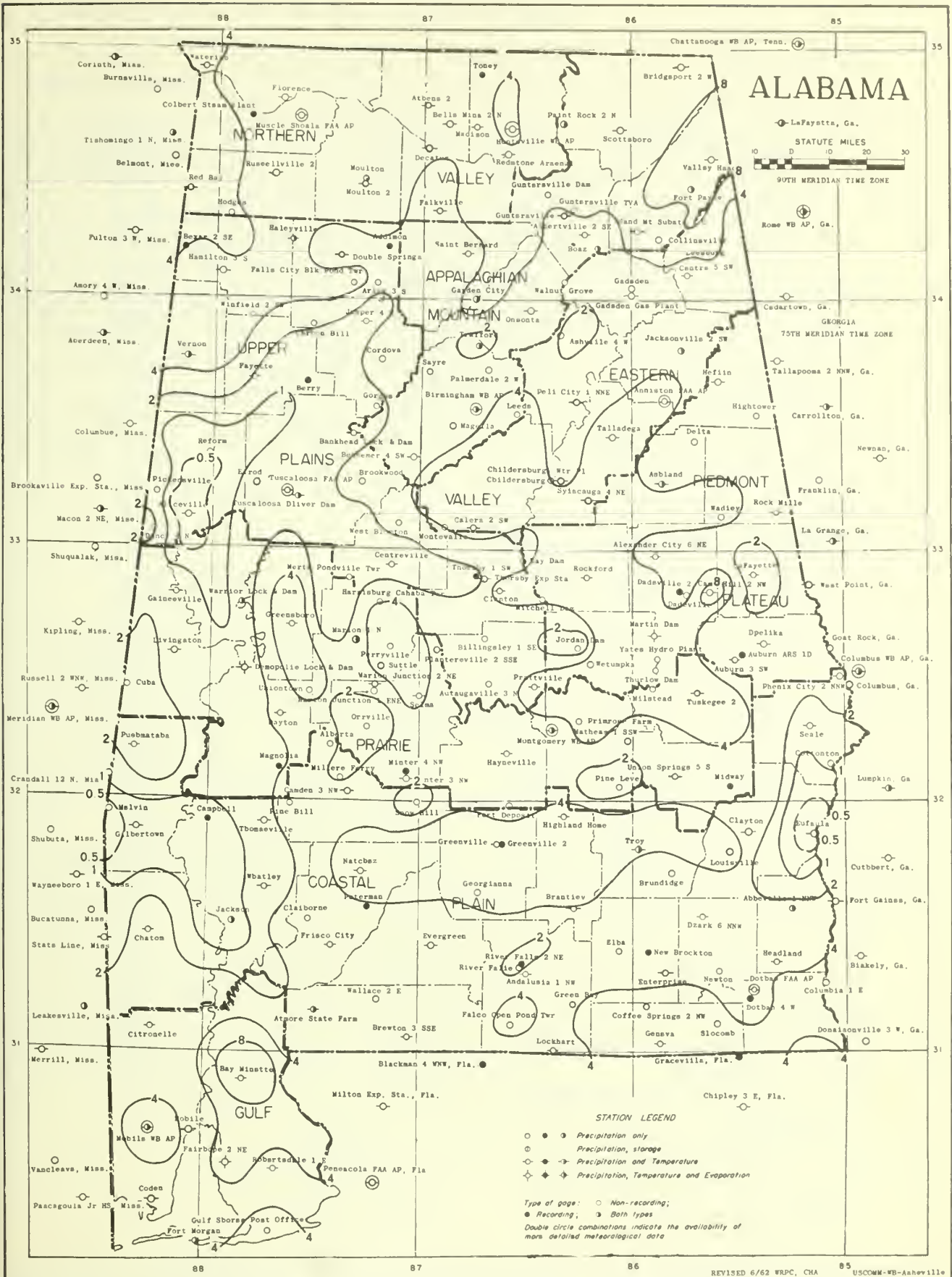
SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6,00 A CST	NOON CST	6,00 P CST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
BIRMINGHAM WB AIRPORT	E	11	7.2	23	E	21+	76	81	51	58	8	0	2	1	0	1	12	69	5.3
HUNTSVILLE WB AIRPORT	SE	15	8.6	35++	WNW	4	78	82	53	60	3	4	2	1	2	0	12	-	6.0
MOBILE WB AIRPORT	ENE	19	5.4	21++	E	14	87	89	57	72	2	8	2	2	2	0	16	-	5.8
MONTGOMERY WB AIRPORT	ENE	15	7.1	24	SW	16	81	86	53	61	6	1	1	1	2	0	11	69	5.4

See reference notes following Station Index.

TOTAL PRECIPITATION

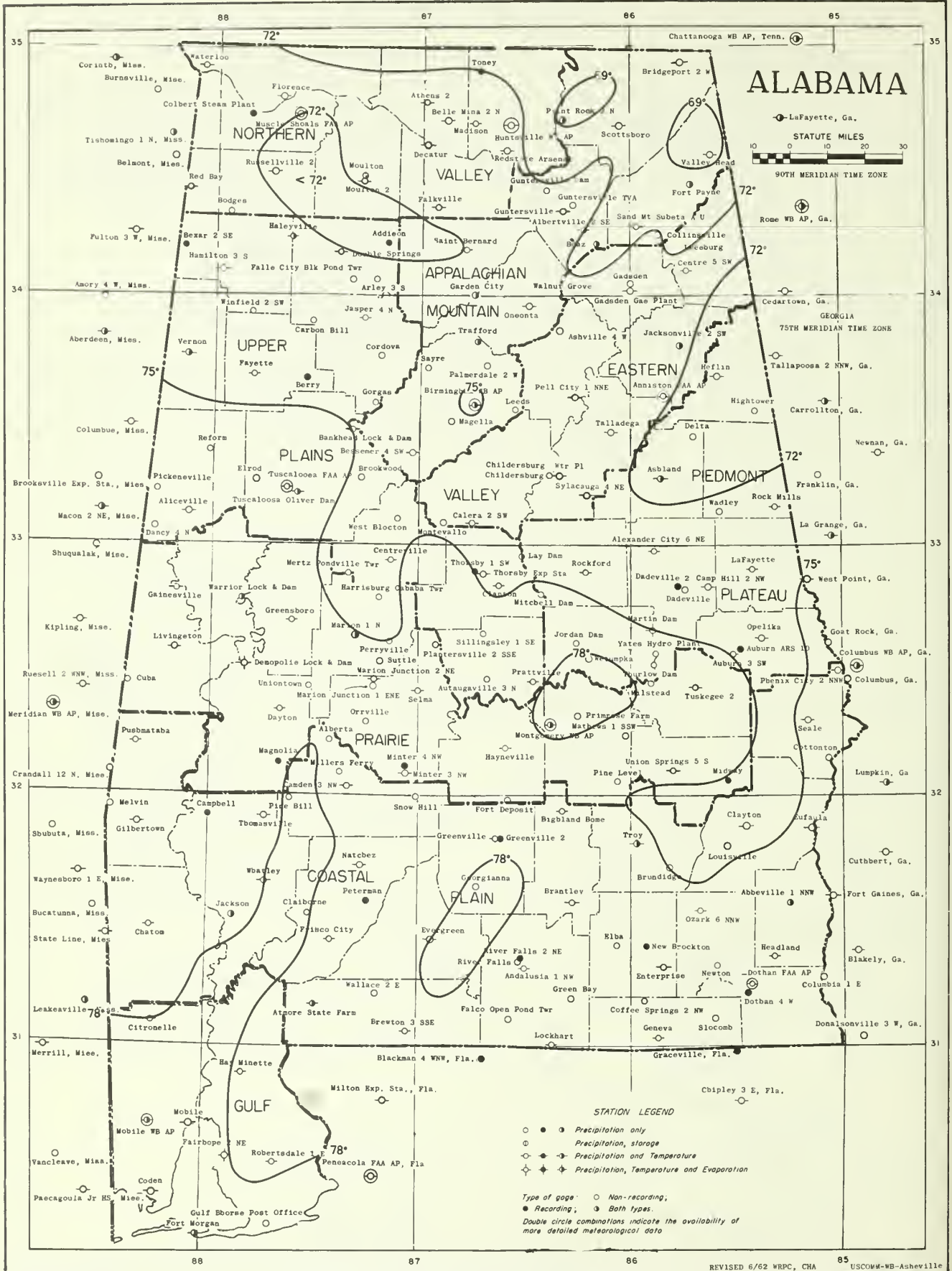
SEPTEMBER 1962



ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

AVERAGE TEMPERATURE

SEPTEMBER 1962



ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

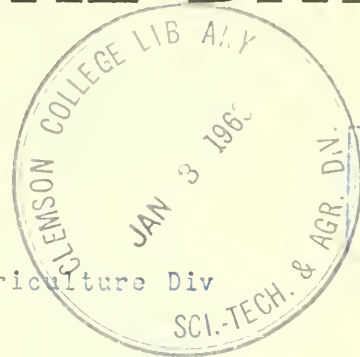
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

32 1/3 64/10

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



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OCTOBER 1962
Volume 68 No. 10



CLIMATOLOGICAL DATA

ALABAMA
OCTOBER 1962

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	30 or More	1.00 or More	
										30° or Above	37° or Below	32° or Below	37° or Below											
COASTAL PLAIN																								
ANDALUSIA 1 NW	81.3	54.3	67.8		89	9+	32	27	78	0	0	1	0	3.06		1.44	2		.0	0		4	3	1
ATMORF STATE FARM	83.1	55.8	69.5		92	14	36	27+	53	5	0	0	0	1.81		.76	21		.0	0		3	3	0
BRANTLEY	82.0	51.4	66.7		91	9	27	26	91	2	0	4	0	4.45	2.58	2.85	2		.0	0		3	3	1
BREWTON 3 SSE	83.2	53.3	68.3	1.7	94	3	29	27+	75	2	0	4	0	2.44	.06	1.03	2		.0	0		5	5	1
CAMDEN 3 NW	80.1	54.8	67.5		89	13	30	26	84	0	0	2	0	4.74		1.33	8		.0	0		5	4	2
CHATAM	81.7	52.5	67.1		90	8+	30	26	75	2	0	3	0	2.38		.94	1		.0	0		5	3	0
CLAYTON					89	8+			0	0	0	0	0			.0	0		.0	0		5	3	0
OOTMAN FAA AIRPORT	80.9	56.9	68.9		90	8	35	26	70	1	0	0	0	3.53	1.53	1.53	8		.0	0		2	2	2
ENTERPRISE	81.7	57.0	69.4		89	8+	36	26	55	0	0	0	0	3.96		1.95	1		.0	0		2	3	2
EUFULA	83.2	51.4	67.3	0.2	94	8	27	27	83	5	0	4	0	1.40	-.36	.53	4		.0	0		1	1	0
EVERGREEN	82.5	53.2	67.9		92	8+	31	27	70	5	0	2	0	5.06		1.28	21		.0	0		6	5	1
FRISCO CITY	82.2	56.5	69.4		91	8+	35	26	54	2	0	0	0	4.79	2.56	1.94	2		.0	0		3	3	2
GENEVA	80.3	55.3	67.8		84	9	33	27+	78	3	0	4	0	3.05	1.27	1.80	2		.0	0		2	2	1
GILBERTOWN	82.5	52.0	67.3		93	7	29	26	88	3	0	4	0	4.56		1.63	8		.0	0		6	3	3
GREENVILLE	80.0	57.1	68.6	1.1	88	14+	38	27+	61	0	0	0	0	2.48		.79	8		.0	0		6	3	0
HEADLAND	81.4	56.0	68.7		90	9	33	26	68	1	0	0	0	3.82	.20	1.49	4		.0	0		4	4	1
HIGHLAND HOME	79.5	56.8	68.2	0.9	89	8+	37	25	61	0	0	0	0	3.42	1.45				.0	0		2	1	1
LOCKHART	82.2	57.4	69.8		90	9+	36	26	58	2	0	0	0	4.53		2.70	2		.0	0		6	2	1
NATCHEZ	82.5	50.5	66.5		91	6	25	26	90	4	0	4	0	4.10		2.46	2		.0	0		5	0	0
OZARK 6 NW	81.9	54.1	68.0	-0.5	91	8	34	26	66	3	0	0	0	1.10	-.53	.48	2		.0	0		6	2	1
PHENIX CITY 2 NNW	80.2	56.2	68.2		90	9	35	26	70	1	0	0	0	2.11		1.01	22		.0	0		6	2	1
PIUSHATAHA	81.7	52.1	66.9	1.2	92	7	30	26	79	3	0	2	0	3.65	1.70	1.19	8		.0	0		6	3	1
SEALF	82.3	51.5	66.9		95	8	29	27	87	4	0	4	0	1.90		1.50	21		.0	0		3	1	1
THOMASVILLE	78.9	55.3	67.1	0.4	87	8+	33	26	78	0	0	0	0	5.60	3.06	2.88	2		.0	0		4	3	2
TROY	80.8	58.0	69.4	2.1	89	8+	36	26	57	0	0	0	0	2.44	.38	.87	9		.0	0		4	3	0
WHATLEY	82.7	51.8	67.3		90	18+	30	27+	81	4	0	3	0	5.40		2.10	2		.0	0		6	5	2
DIVISION			68.0	0.7										3.44	1.34				.0					
GULF																								
BAY MINETTE	80.8	59.5	70.2		90	8+	40	25	47	2	0	0	0	4.44		2.06	21		.0	0		4	3	2
CITRONELLE	81.7	59.6	70.7	1.7	90	8	39	26	4	1	0	0	0	3.40	.73	1.43	1		.0	0		3	3	2
CODEN	84.1	60.4	72.3		90	17+	38	25	34	5	0	0	0	3.38		1.58	2		.0	0		5	3	1
FAIRHOPE 2 NE	82.0	60.0	71.0	1.7	89	8	41	26	37	0	0	0	0	2.92	-.12	1.75	30		.0	0		5	1	1
FORT MORGAN	80.3	67.5	73.9		87	15+	48	27	15	0	0	0	3	2.20		.95	30		.0	0		4	2	0
MORILE WP AIRPORT	81.2	60.7	71.0	2.1	90	8	42	26	41	1	0	0	0	2.41	-.62	1.46	1		.0	0		4	2	1
MORILE	81.4	62.3	71.9	2.2	92	9	43	26	29	1	0	0	0	1.85	-1.19	1.10	2		.0	0		5	1	1
ROBERTSDALE 1 E	82.3	57.3	69.8		89	9+	37	27	50	0	0	0	0	2.04	-1.10	.73	30		.0	0		6	2	0
DIVISION			71.4	2.0										2.83	-.08				.0					

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 10th at Prattsville and on the 8th at Scale

Lowest Temperature: 20° on the 26th at Valley Head

Greatest Total Precipitation: 5.94 inches at Gulf Shores Post Office

Least Total Precipitation: 0.35 inch at Wetumpka

Greatest One-Day Precipitation: 4.37 inches on the 3d at Jacksonville 2 SW

Continued

DAILY TEMPERATURES

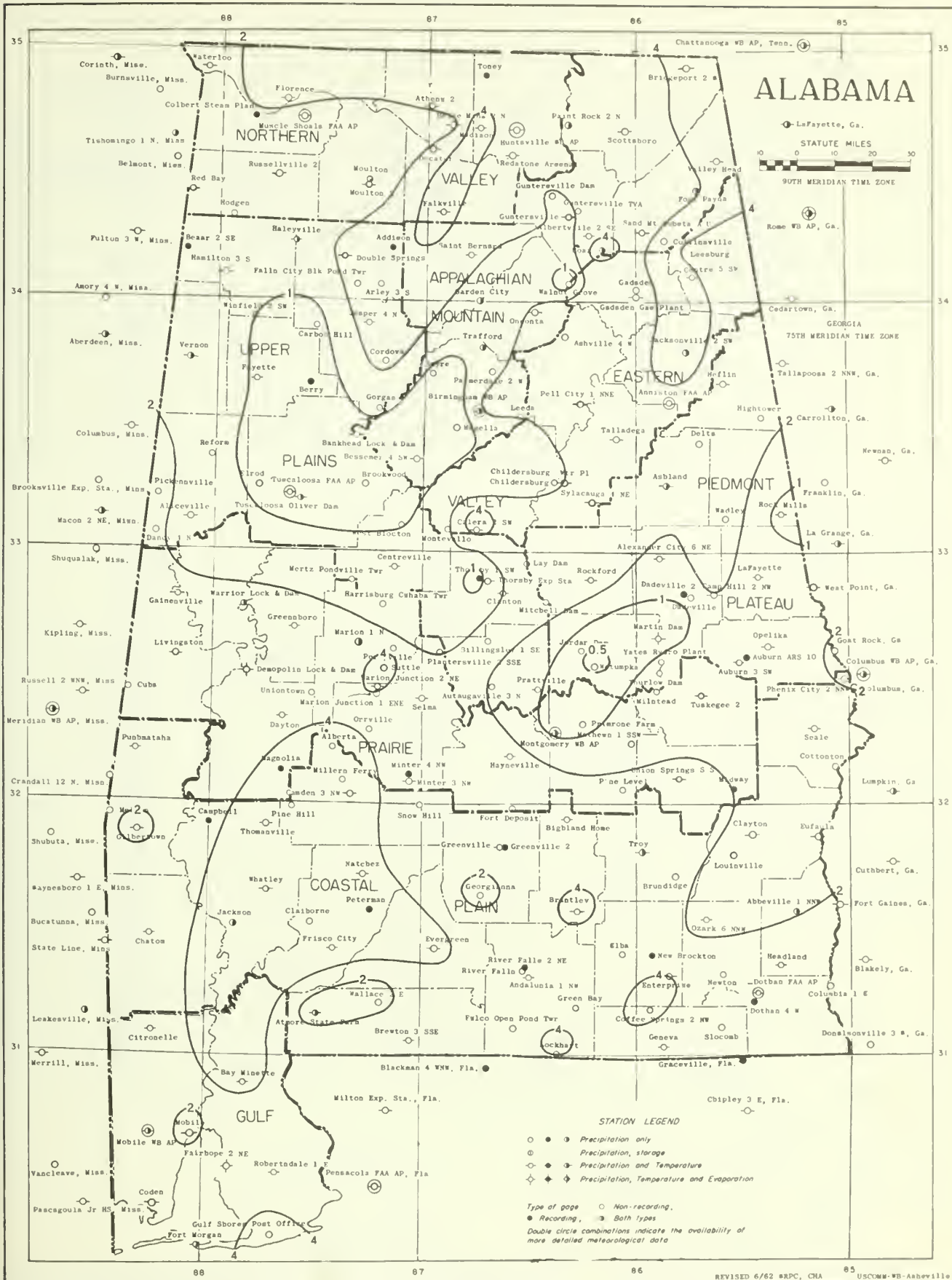
ALABAMA
OCTOBER 1967

Table with columns: Station, Day Of Month (1-31), and Average. Rows include stations like FRISCO CITY, GAOSSEN GAS PLANT, GAINESVILLE, GENEVA, GILBERTOWN, GREENSBORO, GREENVILLE, GUNTERSVILLE, HAMILTON 3 S, HAYNEVILLE, HEALANO, HEFLIN, HIGHLAND HOME, HUNTSVILLE W8 AP, JASPER 4 N, LAFAYETTE, LIVINGSTON, LOCKHART, MAOISON, MARION JUNCTION 2 NE, MARTIN OAM, MINTER 3 NW, MOBILE W8 AIRPORT, MOBILE, MONTGOMERY W8 AP, MOULTON 2, MUSCLE SHOALS FAA AP, NATCHEZ, NEW MARKET 2, ONEONTA, OPELIKA, OZARK 6 NW, PELL CITY 1 NNE, PHENIX CITY 2 NNW, PRATTVILLE, PUSHMATAHA, REO BAY, REOSTONE ARSENAL, ROBERTSOALE 1 E.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

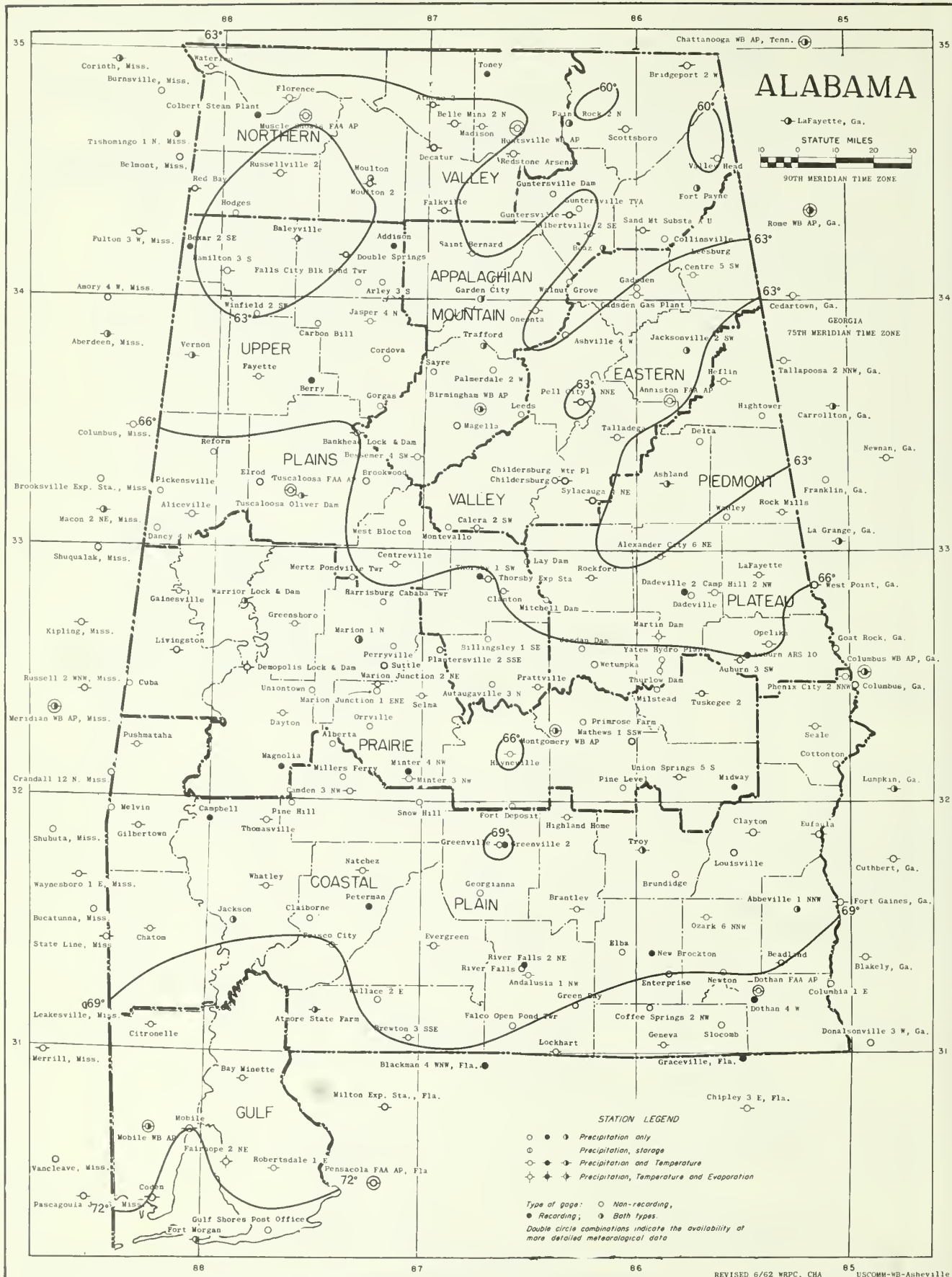
OCTOBER 1962



ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

AVERAGE TEMPERATURE

OCTOBER 1962



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STATION INDEX

A. ACAMA
1962

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES		OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES		OBSERVER
							TEMP.	PRECIP.									TEMP.	PRECIP.	
ARBEVILLE 1 NW	0008	HENRY	4 31 35	85 19	465	7A			C	LIVINGSTON	4728	SUMTER	13 32 35	88 11	160	7P		H. PROF. E. J. MURPHY	
ADDITION	0063	WINSTON	2 34 13	87 11	785	7A			C	LVINGSTON	4822	COVINGTON	9 31 01	86 22	220	8A		H. McC. YOUNG	
ALBERTA	0140	WINSTON	11 32 14	85 25	175	5A			C	LOUISVILLE	4088	BARBOUR	5 31 48	85 33	470	8A		JOHN B. ADO	
ALBERTVILLE 2 SE	0140	WINSTON	11 32 14	85 25	175	5A			C	LOUISVILLE	4088	BARBOUR	5 31 48	85 33	470	8A		HARRY R. TAYLOR, JR.	
ALEXANDER CITY 6 NE	0163	TALLAPOOSA	11 32 59	85 20	560	5P			C	LAGELLA	4888	JEFFERSON	3 33 30	86 31	83A	7A		H. ALABAMA POWER CO.	
ALICEVILLE	0176	PICKENS	13 33 07	88 07	140	7A			C	MAGHOLIA	5004	HARENO	1 32 08	87 39	185	7A		DR. T. M. GALLARD	
ANADULISA 1 NW	0252	COVINGTON	8 31 19	86 30	260	8A			C	HARLON 1 N	5108	PERRY	2 32 38	87 18	210	7A		ROBERT J. GURRY	
ANNISTON FFA # 4	0272	CALHOUN	7 55 35	85 31	599	MI0			C	HARLON JUNCTION 1 ENE	5111	DALLAS	3 32 27	87 13	202	7A		R. L. SIMONSON	
ARLEY 3 S	0338	WINSTON	2 34 04	87 13	500	7A			C	HARLON JUNCTION 2 NE	5121	DALLAS	3 32 28	87 13	200	6P		H. ALABAMA POWER CO.	
ASHLAND	0369	CLAY	11 33 16	85 15	1060	6P			C	ELMORE	5140	ELMORE	11 32 40	85 55	335	6P	6P	H. ALABAMA POWER CO.	
ASHVILLE 4 W	0377	ST. CLAIR	7 33 51	86 20	590	7A			C	MATHEWS 1 5SW	5172	MONTGOMERY	11 32 15	86 01	190	7A		E. PAUL GOWAN	
ATHENS 2	0405	LIMESTONE	12 34 48	86 59	720	9A			C	MELVIN	5354	CHOCOMA	13 31 56	88 27	350	7A		ERNST H. LAND	
ATHENS STATE FARM	0422	LEE	11 32 34	85 31	730	8A			C	METZ PONNVILLE TOWER	5362	BIBB	3 32 53	87 20	400	7A		U.S. FOREST SERVICE	
AUBURN 3 SW	0427	LEE	11 32 36	85 29	700	8A			C	MIDWAY	5397	BULLOCK	4 32 04	85 32	480	7A		JACOB G. COLLIER, JR.	
AUBURN ARS 10	0427	LEE	11 32 36	85 29	700	8A			C	MILLERS FERRY	5417	WILCOX	1 32 06	87 22	78	5A		FRED HENDERSON	
AUTAGAUVILLE 3 N	0440	AUTAGA	1 32 29	86 41	200	6A			C	MELSTEAD	5438	HACON	11 32 27	85 54	208	9A		C. O. HAMMING, JR.	
BANHEAD LOCK AND DAM	0505	TUSCALOOSA	2 33 29	87 20	240	7A			C	MINTNER 3 NW	5449	DALLAS	1 32 06	87 03	370	7A		H. HENRY J. YATES	
BAR MINETTE	0583	BALDWIN	9 30 53	87 47	248	7P			C	MINTNER 4 NW	5456	DALLAS	1 32 06	87 03	370	7A		H. HENRY J. YATES	
BELLE MINA 2 N	0685	LIMESTONE	12 34 42	86 53	600	5P			C	MITCHELL DAM	5465	CHILTON	7 32 48	86 27	350	6A		H. ALABAMA POWER CO.	
BERRY	0746	FAYETTE	2 34 07	87 36	452	2A			C	MOBILE # AIRPORT	5478	MOBILE	8 30 41	88 15	211	MI0	MI0	C. H. U.S. WEATHER BUREAU	
BESEMER 3 5SW	0751	JEFFERSON	2 33 22	87 01	533	6P			C	MOBILE	5483	MOBILE	9 30 41	88 02	119	0A	8A	H. ROBERT G. BEANCOURT	
BEAR 2 SE	0790	MARION	11 34 10	88 07	570	6P			C	MONTEVALLO	5537	SHELBY	3 33 08	88 52	482	7A		ROBERT J. JETER, JR.	
BILLINGSLEY 1 SE	0823	AUTAUGA	11 32 39	86 42	420	6A			C	MONTGOMERY # 1	5550	MONTGOMERY	1 32 28	88 26	490	MI0	MI0	C. H. U.S. WEATHER BUREAU	
BIRMINGHAM WB AIR	0831	JEFFERSON	2 33 34	86 12	610	MI0			C	MOULTON	5625	LAWRENCE	12 34 29	87 17	640	8A		TVA-381	
BRYANTLEY	0846	MARSHALL	2 33 06	86 20	730	5P			C	MOUNTAIN 2	5635	LAWRENCE	4 33 09	85 38	990	7A		H. JOHN W. KELLY	
BRENTON 3 5SE	1049	CENSAMW	6 31 35	86 16	274	8A			C	MUSCLE SHOALS FFA # 4	5749	COLBERT	12 34 45	87 37	536	MI0	MI0	H. FLOYD AVIATION AGENCY	
BRIDGEPORT 2 S	1099	JACKSON	12 34 56	85 45	660	5P			C	NATCHEZ	5842	COFFEE	5 31 24	85 56	460	7A		H. E. L. OGAN	
BURTON 2 W	1102	ESCAMBIA	8 31 10	87 29	300	4P			C	NICHOLLS	5942	NEWTON	12 34 54	86 28	715	5P	5P	H. MRS. LUCILLE W. MERRIFIELD	
BRUNDTIDGE	1178	PIKE	5 31 43	85 49	495	7A			C	ONETA	6121	BLOUNT	2 33 57	86 29	875	7A		RONNIE R. MORRIS	
CALERA 2 SW	1288	SHELBY	7 33 05	86 46	540	5P			C	ONEITA	6129	LEE	11 32 38	85 23	750	8A	8A	H. ALABAMA POWER CO.	
CANON 3 NW	1301	CLARKE	11 32 02	87 20	225	5P			C	OPELKA	6163	DALLAS	1 32 18	87 14	200	8A		EDWARD B. WARREN	
CAMPBELL	1315	WALKER	11 32 55	87 59	93	6A			C	OPHELIA	6165	DALLAS	1 32 18	87 14	200	8A		EDWARD B. WARREN	
CAMP HILL 2 W	1324	TALLAPOOSA	11 32 51	86 43	680	6A			C	OSAGE	6211	BLOUNT	12 34 42	86 20	635	7A		C. TVA-69	
CARDON HILL	1377	WALKER	2 33 54	87 32	430	7A			C	OSAGE	6226	JACKSON	12 34 42	86 20	635	7A		C. TVA-69	
CENTRE 5 SW	1512	CHEROKEE	7 34 06	85 45	620	7A			C	PALMERDALE 2 W	6246	JEFFERSON	2 33 44	86 41	798	7A		GEORGE T. ROSEY	
CENTREVILLE	1520	BIBB	3 32 57	87 08	224	6A			C	PELL CITY 1 WNE	6329	ST. CLAIR	7 33 36	86 16	955	7A		NORMAN A. VAUGHN	
CHADWELL	1520	BIBB	3 32 57	87 08	224	6A			C	PERNELLVILLE	6362	PERRY	5 32 36	87 09	500	7A		MRS. EVELYN W. FULLER	
CHADWELL	1520	BIBB	3 32 57	87 08	224	6A			C	PETTERMAN	6376	MONROE	1 31 35	87 16	185	7A		H. ALABAMA POWER CO.	
CHILDERSBURG	1615	TALLADEGA	7 33 17	86 28	480	6A			C	PHENIX CITY 2 NW	6398	RUSSELL	4 32 30	85 01	570	8A	8A	H. W. R. LEMORE	
CHILDERSBURG WTR PLANT	1620	TALLADEGA	7 33 17	86 28	480	6A			C	PICKENSVILLE	6414	PICKENS	13 33 13	88 10	165	7A		MRS. W. A. HEDRICK	
CITRONELLE	1685	MOBILE	9 31 05	88 14	331	6P			C	PINE HILL	6460	WILCOX	1 31 59	87 36	110	7A		MRS. OELLA L. OALEY	
CLABORNE	1690	MONROE	1 31 32	87 31	183	7A			C	PIPERVILLE	6477	LEWIS	1 32 05	87 16	185	7A		H. JOHN T. BRILLEY	
CLAYTON	1694	CHILTON	8 31 18	85 29	63	7A			C	PLANTERSVILLE 2 SSE	6508	AUTAUGA	1 32 37	86 54	230	7A		THOMAS E. FISCHL	
CLAYTON	1725	BARBOUR	5 31 53	85 28	607	5P			C	PRATTVILLE	6640	AUTAUGA	1 32 28	86 28	290	6P	6P	H. CONTINENTAL GIN CO.	
CODEN	1803	MOBILE	9 30 23	88 13	312	5P			C	PRATTVILLE	6640	AUTAUGA	1 32 28	86 28	290	6P	6P	H. CONTINENTAL GIN CO.	
COFFEE SPRINGS 2 NW	1807	GENEVA	5 31 11	85 56	250	6A			C	PRIMROSE FARM	6688	MONTGOMERY	1 32 18	86 15	180	12N	12N	W. E. ELSBERY	
COLBERT STEAM PLANT	1819	COLBERT	12 34 42	86 50	470	7A			C	PUSHMATAHA	6719	CHOCOMA	13 32 12	88 11	260	8A	8A	H. MRS. JANIE C. BROWN	
COLLINGSVILLE	1849	DE KALB	10 34 15	85 52	734	7A			C	RED BAY	6805	FRANKLIN	12 34 28	86 08	680	7A		H. HENRY J. YATES	
COLUMBIA 1 E	1865	HOUSTON	4 31 17	85 06	68	7A			C	REDSTONE ARSENAL	6833	MADISON	12 34 35	86 36	573	MI0	MI0	H. REDSTONE ARSENAL	
CORNOOD	1940	WALKER	2 33 46	87 11	334	8A			C	REFORM	6847	PICKENS	13 33 23	88 01	228	7A		CURRY MC DONALD	
COTTONTON	1974	RUSSELL	4 32 09	85 47	217	7A			C	RIVER FALLS	6937	COVINGTON	6 31 22	86 32	180	7A		RUSSELL FINLAY	
CUBA	1979	SUMTER	13 32 26	88 23	215	7A			C	RIVER FALLS 2 NE	6942	COVINGTON	6 31 22	86 32	180	7A		H. ALABAMA ELECTRIC CO.	
DADEVILLE	2119	TALLAPOOSA	11 32 49	85 45	760	7A			C	ROBERTSDALE 1 E	7080	BALDWIN	9 30 32	87 40	155	7A		H. MICHAEL W. BALDWIN	
DAGEVILLE 2	2124	TALLAPOOSA	11 32 50	85 46	730	7A			C	ROCKFORD	7020	COOSA	7 32 53	86 13	650	8A	8A	H. RICHARD M. LEWIS	
DALTON 4 N	2141	PICKENS	13 33 04	86 17	207	6P			C	ROCK MILLS	7029	RANDOLPH	4 33 09	85 38	745	6A		H. JOHN T. BRILLEY	
DAYTON	2188	MARENGO	13 32 21	87 39	220	7A			C	RUSSELLVILLE	7131	FRANKLIN	12 34 31	87 44	880	7A		H. RADIO STATION #44P	
DECATUR	2207	MORGAN	12 34 35	86 58	580	8A			C	SAINT BERNARD	7157	CULLMAN	2 34 12	86 47	802	7A		H. ST. BERNARD COLLEGE	
DELTA	2235	CLAY	11 33 26	85 42	1030	7A			C	SAND MT SUBSTATION A U	7207	DE KALB	12 34 17	85 58	1195	6P	6P	H. ALABAMA POWER CO.	
DEMOPHILUS LOCK AND DAM	2244	CLAY	11 33 21	85 40	880	8A			C	SAREE # 1	7282	JEFFERSON	2 33 43	86 58	304	7A		H. ALABAMA POWER CO.	
DOTHAN FFA AIRPORT	2372	HOUSTON	5 31 14	85 26	321	MI0	MI0		C	SCOTTSBORO	7304	JACKSON	12 34 41	86 03	615	7A		H. RADIO STATION #421	
DOTHAN 4 W	2377	HOUSTON	5 31 13	85 27	301	7A			C	SEALE	7328	RUSSELL	4 32 18	85 10	390	5P	5P	H. HOMER D. TEAL	
DOUBLE SPRINGS	2386	WINSTON	2 34 10	87 24	800	7A			C	SELMA	7366	OALLAS	1 32 25	87 00	147	5P	7A	H. ROBERT J. CHANDLER	
ELBA	2577	COFFEE	10 31 25	86 04	195	7A			C	SLOCOMB	7576	GENEVA	5 31 07	85 36	260	6A		J. W. DEALE	
ELDON	2632	TUSCALOOSA	5 31 19	85 51	380	5P			C	SNOW HILL	7620	WILCOX	1 32 00	87 01	225	7A		MRS. EVELYN W. FULLER	
ENTERPRISE	2670	COFFEE	5 31 19	85 51	380	5P			C	SUFFLE	7963	PERRY	3 32 32	87 11	145	7A		J. W. DEALE, JR.	
EUFULA	2727	BARBOUR	4 31 52	85 09	207	5P	</												

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

20 18/3:07/11
U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

NOVEMBER 1962
Volume 68 No. 11



CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1962

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	32° or Below	32° or Below					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN VALLEY																							
ATHENS 2	59.6	36.4	48.0		69	30+	24	6	503	0	0	10	0	5.57		2.32	9	.0	0	7	4	1	
BELLE MINA 2 N	61.0	38.5	49.8		71	30	25	6	452	0	0	9	0	4.68		1.86	9	.0	0	8	3	1	
OCATUR	59.9	37.6	48.8	- 2.8	72	12	26	6	480	0	0	11	0	5.19	1.10	1.35	10	.0	0	9	4	2	
FALKVILLE	62.0	38.3	50.2		72	22+	27	27	436	0	0	6	0	6.12		1.42	18	.0	0	9	4	3	
FLORENCE	62.7	40.2	51.5		74	30+	29	6+	398	0	0	7	0	2.88		.88	18	.0	0	6	2	0	
HUNTSVILLE WB AP	60.3	39.3	49.8	- 1.0	71	30+	27	6	448	0	0	8	0	5.47	1.82	1.50	9	.0	0	8	4	2	
MADISON	61.1	39.4	50.3	- 0.3	72	30	27	6	431	0	0	8	0	4.92	.86	2.05	9	.0	0	10	3	1	
MOULTON 2	61.6	39.0	50.3		72	30+	24	6	435	0	0	9	0	4.29		1.23	9	.0	0	11	3	1	
MUSCLE SHOALS FAA AP	60.1	37.9	49.0		72	11	24	6	473	0	0	10	0	2.59		.77	17	.0	0	8	1	0	
NEW MARKET 2	M 36.6	M	M		71	29	21	6	0	0	0	13	0	4.92		2.10	9	.0	0	8	3	2	
RED BAY	60.0	38.7	49.4		75	1	27	27	461	0	0	6	0					.0	0				
ROSTONE ARSENAL	60.6	36.2	48.4		72	30	23	6	490	0	0	14	0	6.18		1.80	9	.0	0	8	4	3	
RUSSELLVILLE 2	60.0	33.7	46.9		71	12	21	6	537	0	0	16	0	2.92		.93	18	.0	0	7	2	0	
WATERLOO	62.7	34.8	48.8		76	3+	25	22+	482	0	0	15	0	2.11		.88	12	.0	0	3	2	0	
DIVISION			49.3	- 1.3										4.45	.53			.0					
APPALACHIAN MOUNTAIN																							
ALBERTVILLE 2 SE	59.0	39.0	49.0	- 1.2	71	12	28	6	472	0	0	2	0	6.25	2.19	2.20	9	.0	0	9	3	3	
BESSEMER 3 SSW	63.1	38.9	51.0		75	16	24	6	412	0	0	10	0	5.43		1.70	9	.0	0	8	3	2	
BIRMINGHAM WB AP	62.3	41.7	52.0	0.2	74	16	32	23	382	0	0	1	0	6.41	2.88	2.48	8	.0	0	7	5	2	
BRIDGEPORT 2 W	60.6	37.7	49.2		72	29	26	23+	466	0	0	10	0	6.02	2.01	2.33	9	.0	0	9	2	1	
GUNTERSVILLE	63.0	38.4	50.7		74	2	27	23	421	0	0	7	0	6.03		1.84	9	.0	0	11	4	2	
ONEONTA	61.5	33.5	47.5		73	12	21	6	518	0	0	17	0	7.24		2.58	9	.0	0	10	4	3	
SAINT BERNARD	59.3	36.2	47.8	- 2.1	72	12	26	6	509	0	0	12	0	4.86	.57	1.38	9	.0	0	10	4	1	
SAND MT SUBSTATION A U	59.3	38.1	48.7		68	30+	23	6	481	0	0	7	0	7.15		2.95	9	.0	0	10	4	2	
SCOTTSBORO	60.2M	37.0M	48.6M	- 1.8	71	30	23	5	482	0	0	10	0	5.87	1.75	2.20	8	.0	0	8	3	3	
VALLEY HEAD	59.9	30.7	45.3	- 4.0	70	17	17	6	584	0	0	19	0	7.07	3.12	3.06	9	.0	0	9	3	2	
DIVISION			49.0	- 1.8										6.23	2.27			.0					
UPPER PLAINS																							
ALICEVILLE	65.3	38.0	51.7		76	16	25	6	392	0	0	7	0	2.13		1.40	18	.0	0	4	1	1	
BANKHEAD LOCK AND DAM	62.1	38.5	50.3		73	17+	29	23	434	0	0	7	0	4.22		1.51	18	.0	0	9	3	1	
CENTREVILLE	64.4	35.0	49.7	- 3.8	77	17	25	8+	452	0	0	15	0	4.55	1.16	1.47	9	.0	0	7	3	2	
CLANTON	62.4	38.5	50.5	- 2.4	76	17	25	6	428	0	0	8	0	4.22	.81	2.00	9	.0	0	7	3	1	
DOUBLE SPRINGS	59.6	37.2	48.4		72	12	25	6	489	0	0	12	0	4.77		1.50	18	.0	0	9	5	1	
FAYETTE	62.8M	39.6	51.2M		76	11	25	6	401	0	0	9	0	3.88		1.29	18	.0	0	8	3	1	
HAMILTON 3 S	62.0	33.1	47.6		75	12	20	6	517	0	0	16	0	2.84		1.08	18	.0	0	5	1	1	
JASPER 4 N	60.9	37.4	49.2		72	16	20	6	469	0	0	11	0	3.68		.72	17	.0	0	7	4	0	
PRATTVILLE	64.2	40.0	52.1	- 2.4	75	17	30	23+	382	0	0	7	0	4.72	1.46	1.95	21	.0	0	6	4	1	
THORSBY EXP STATION	63.4	41.7	52.6		75	16	25	24	366	0	0	4	0	4.67		1.34	9	.0	0	8	3	2	
TUSCALOOSA FAA AIRPORT	64.5	39.3	51.9		76	16	25	6	385	0	0	9	0	3.29		.85	17	.0	0	8	3	0	
TUSCALOOSA OLIVER DAM	63.3	37.8	50.6	- 2.8	76	17	26	26+	428	0	0	8	0	3.57	-.11	1.34	18	.0	0	9	2	1	
VERNON	63.4	36.1	49.8		77	12	25	10+	451	0	0	13	0	3.03		1.04	18	.0	0	7	2	1	
DIVISION			50.4	- 2.5										3.81	.21			.0					
EASTERN VALLEY																							
ANNISTON FAA AIRPORT	62.9	39.9	51.4		72	16+	29	23	400	0	0	6	0	6.07		1.52	8	.0	0	8	5	3	
CALERA 2 SW	63.4	37.4	50.4		76	16	24	23+	435	0	0	12	0	5.17	1.65			.0	0				
CENTRE 5 SW	60.6	37.0	48.8		73	17	22	6	478	0	0	11	0	6.54		2.58	8	.0	0	8	3	2	
CHILDERSBURG WTR PLANT	64.5	39.0	51.8		76	16	21	6	391	0	0	11	0	5.21		1.61	21	.0	0	6	4	2	
GAISOEN GAS PLANT	60.3	39.6	50.0	- 1.4	71	16	24	6	444	0	0	10	0	5.82		2.20	9	.0	0	10	2	2	
PELL CITY 1 NNE	60.9	34.9	47.9		72	17	22	6	505	0	0	15	0	5.60		2.20	9	.0	0	9	4	1	
SYLACAUGA 4 NE	64.9	39.8	52.4		75	16	22	6	372	0	0	11	0	4.65		1.64	9	.0	0	7	3	2	
TALLADEGA	61.8	39.3	50.6	- 2.3	72	16	25	6	424	0	0	9	0	6.04	2.83	1.97	9	.0	0	7	5	2	
DIVISION			50.4	- 1.6										5.64	2.29			.0					
PIEDMONT PLATEAU																							
ALEXANDER CITY 6 NE	64.8	36.3	50.6		75	16	20	6	427	0	0	12	0	7.46		2.33	21	.0	0	6	5	3	
AUBURN 3 SW	63.7	38.6	51.2	- 3.9	74	17	27	23	409	0	0	8	0	7.24	3.82	2.65	22	.0	0	7	3	3	
CAMP HILL 2 NW	63.4	36.4	49.9		74	17	25	6	446	0	0	14	0	7.29		3.60	22	.0	0	7	3	2	
HEFLIN	60.5	34.2	47.4		69	17+	20	6	523	0	0	12	0	7.66		3.30	8	.0	0	8	5	2	
LAFAYETTE	62.8	41.1	52.0		73	17+	26	6	385	0	0	4	0	9.37		4.00	21	.0	0	8	5	3	
MARTIN DAM	63.9	43.8	53.9		76	16	32	23+	327	0	0	2	0	9.21	6.06	3.91	21	.0	0	8	5	5	
OPELIKA	63.8	37.9	50.9		74	17	28	23	416	0	0	12	0	6.84		2.43	22	.0	0	6	3	3	
ROCKFORD	70.3M	M	M											7.33		2.00	8	.0	0	7	5	3	
ROCK MILLS	63.2	38.1	50.7		72	16	24	6	421	0	0	11	0	8.60		3.76	22	.0	0	9	4	2	
DIVISION			50.8	- 3.2										7.89	4.54			.0					
PRAIRIE																							
DAYTON	63.8	42.7	53.3		79	17	32	23+	350	0	0	3	0	4.25		1.88	20	.0	0	5	3	2	
OEMOPOLIS LOCK AND DAM	M 38.7	M	M											4.03	.86	1.57	21	.0	0	6	4	1	
GAINESVILLE	64.1	38.5	51.3		78	17	28	6	407	0	0	7	0	2.26		.84	18	.0	0	4	3	0	
GREENSBORO	65.5	42.6	54.1	- 2.0	78	16	31	10+	321	0	0	4	0	4.26	1.00	2.13	21						

CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1962

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					
										90° or Above	80° or Above	70° or Above	60° or Above	50° or Above	40° or Above					30° or Above	20° or Above	10° or Above	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
COASTAL PLAIN																												
ANDALUSIA 1 NW	65.5	39.6	52.6		77 18	28 23	368	0	0	9	0	4.32			1.18	9		0	0			7	4	2				
ATMORE STATE FARM	67.5	42.7	55.1		79 17	32 6	294	0	0	1	0	3.59			1.22	21		0	0			5	4	1				
BRANTLEY	66.7	36.6	51.7		81 18	24 6	396	0	0	13	0	3.35			1.04	22		0	0			7	3	1				
BREWTON 3 SSE	67.1	39.6	53.4	- 2.9	80 17	25 27+	342	0	0	12	0	3.39	.01		.97	22		0	0			6	3	0				
CAMDEN 3 NW	65.5	41.9	53.7		79 16	27 6	340	0	0	4	0	4.53			1.63	21		0	0			7	4	1				
CHATOM	66.8	40.8	53.8		80 16	29 10+	330	0	0	7	0	4.25			1.87	21		0	0			5	3	2				
CLAYTON		M	M	M	75 18	35 23		0	0	0	0	3.50	.53		1.50	9		0	0			7	1	1				
OOTHAN FAA AIRPORT	66.0	43.4	54.7		79 17	30 6	309	0	0	2	0	4.60	1.88		1.97	29		0	0			6	4	1				
ENTERPRISE	66.7	44.5	55.6		80 17	32 6	282	0	0	1	0	4.89			1.15	21		0	0			8	4	2				
EUFAULA	67.6	38.5	53.1	- 3.4	79 18	26 27	353	0	0	10	0	2.35	-.35		.78	22		0	0			6	2	0				
EVERGREEN	66.0	39.3	52.7		80 18	28 6	367	0	0	10	0	6.83			1.85	21		0	0			7	6	3				
FRISCO CITY	66.3	43.2	54.8		80 18	32 6	304	0	0	1	0	3.92	-.10		.88	8		0	0			8	3	0				
GENEVA	65.5	40.6	53.1		79 18	29 6	354	0	0	4	0	3.91	.84		1.58	30		0	0			6	3	2				
GILBERTOWN	66.7	39.9	53.3		80 16	26 23+	343	0	0	10	0	2.35			1.46	21		0	0			4	2	1				
GREENVILLE	65.0	44.4	54.7	- 2.1	78 17	32 6	305	0	0	1	0	7.09	3.25		2.31	22		0	0			9	3	3				
HEADLAND	66.0	M	M	M	77 18	30 6	333	0	0	3	0	5.84			1.65	21		0	0			5	3	2				
HIGHLAND HOME	63.1	M	M	M	75 16	31 11	337	0	0	2	0	7.64	4.29		3.03	30		0	0									
LOCKHART	66.4	44.1	55.3	- 2.6	80 16	31 6	292	0	0	1	0	3.47			1.22	9		0	0			5	2	2				
NATCHEZ	67.2	37.5	52.4		80 17	21 6	376	0	0	13	0	4.75			1.71	21		0	0			7	4	1				
OZARK 6 NNW	66.2	40.9	53.6	- 4.4	79 18	27 6	341	0	0	3	0	4.62	1.65		1.28	30		0	0			6	4	2				
PHENIX CITY 2 NNW	63.6	42.2	52.9		77 12	32 6	356	0	0	1	0	4.07			1.73	9		0	0			6	3	1				
PUSHMATAHA	64.3	38.3	51.3	- 3.5	80 17	27 7+	408	0	0	8	0	2.66	-.61		1.23	21		0	0			6	2	1				
SEALE	65.2	39.2	52.2		78 17	26 6	377	0	0	7	0	3.17			1.10	21		0	0			7	3	1				
THOMASVILLE	62.9	40.3	51.6	- 4.0	76 18+	29 10	395	0	0	3	0	3.91	.26		1.52	21		0	0			8	4	1				
TROY	65.7	44.7	55.2	- 1.2	78 17	32 6	290	0	0	1	0	4.24	.99		1.61	22		0	0			7	3	1				
WHATLEY	69.2	38.1	53.7		80 17	26 6	334	0	0	8	0	5.01			2.50	21		0	0			8	3	2				
OIVISION			53.5	- 3.1								4.32	1.00					0										
GULF																												
BAY MINETTE	66.7	45.8	56.3		78 17+	35 27+	259	0	0	0	0	2.97			1.55	21		0	0			5	2	1				
CITRONELLE	66.8	44.9	55.9	- 2.6	79 16	35 10	272	0	0	0	0	2.92	- 1.33		1.59	21		0	0			5	2	1				
COOEN	68.7	45.7	57.2		80 16	34 10	230	0	0	0	0	3.81			1.85	21		0	0			5	4	1				
FAIRHOPE 2 NE	67.2	46.6	56.9	- 2.0	78 17+	35 27	245	0	0	0	0	4.66	1.50		3.02	21		0	0			5	3	1				
FORT MORGAN	65.3	53.3	59.3		75 16	47 27	170	0	0	0	0	3.80			1.65	21		0	0			5	3	1				
MOBILE WB AIRPORT	66.9	46.9	56.9	- 1.0	78 17	37 6	242	0	0	0	0	2.75	-.60		.89	21		0	0			5	4	0				
MOBILE	65.9	48.0	57.0	- 1.9	77 18	41 27	242	0	0	0	0	3.13	-.16		1.15	8		0	0			6	2	2				
ROBERTSOALE 1 E	66.7	42.5	54.6		78 17	33 27	308	0	0	0	0	4.48			1.20	1.85	21		0	0			6	3	1			
OIVISION			56.8	- 2.1								3.57	.13					0										

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 18th at Brantley

Lowest Temperature: 17° on the 6th at Valley Head

Greatest Total Precipitation: 9.37 inches at Lafayette

Least Total Precipitation: 2.11 inches at Waterloo

Greatest One-day Precipitation: 5.16 inches on the 21st at Tuskegee 2

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1962

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										
MOBILE WB AIRPORT	2.75			.01				.08	.51	T		.61						T	+10		.51	.89											T	.04								
MOBILE	3.13			T	T			1.15	T	T		.38						T	.10		.35	1.05	.10											T								
MONTVALLO	5.86			T	T			T	2.11		.30	.11						T	.61		.36	1.62	.42				T	.02						T	.11							
MONTGOMERY WB AP	5.60			T				1.61	.18			.07						T	.21		.46	3.00													T	.07						
MOULTON 2	4.29			.16				.11	1.23			.85							.16	.84	.04	.20	.22	.21			.13								T	.02						
MUSCLE SHOALS FAA AP	2.59	T	T	T	T			T	.41		.16	.46							.77	.12	.16	T	.32					.15	T						T	.04						
NATCHEZ	4.75				T				.58	.95		.43								.14		.30	1.71	.55												T	.03					
NEW MARKET 2	4.92								.20	2.10	.10	1.17							.15	.75			.05	.25			.05									T	.06					
NEWTON	5.28								.25			.25										.16	.81													T	.03					
ONEONTA	7.24							2.58	1.01			.29	.24						.60	1.51		.45	.26	.16												T	2.60					
OPELIKA	6.84							1.40				.35	.03							.29		.32	2.00	2.43													T	.02				
ORVILLE	3.66							1.09				.11								.33	.51	.07	.35	1.20													T	.03				
OZARK 6 NW	4.62							T	.95	T		.20								.35	.01	.58	1.22														T	1.28				
PALMERSDALE 2 W	6.65							.35	2.20	.65		.10	.40						.50	1.35		.45	.25	.25													T	.10				
PELL CITY 1 NNE	5.60							.12	2.20	.53		.17							.98		.40	.82	.21				.07										T	.05				
PERRYVILLE	3.99							.20	1.30	.09		.09	.01						T	.35		.5A	.90					T									T	.40				
PHENIX CITY 2 NNW	4.07							1.73	.02			.15	.01						.38		.16	.70	.90														T	.02				
PICKENSVILLE	2.21			T				.26				.04							.64	.02	.62	.41	.09	.11				.02									T	.01				
PINE HILL	4.26				T			*	*	*		1.10								.58	T	.50	1.70	.37	T												T	.13				
PINE LEVEL	6.98							1.38				.35								.17		3.58	1.36															T	.05			
PLANTERSVILLE 2 SSE	4.01							T	1.78	T		.26								.35		.75	.65	.22														T	.03			
PRATTVILLE	4.72							.09	.88			.16								.67		.76	1.95	1.10				.02										T	.09			
PRIMROSE FARM	5.34				T			.14	1.26			.13							.18		.19	3.14	.18															T	.07			
PUSHMATAHA	2.66							.55	.14			.25								1.02			.37	.32														T	.02			
REGO BAY	-								-			.65										.30	.18															T	.30			
REDFORT ARSENAL	6.18		.02	.02				.78	1.80		1.14	.01							1.27	.33	.16	.05	.35	.02			.06			.01	.16	T						T	.64			
RIVER FALLS	3.59							T	1.03		.23									.22		.28	.19	1.00															T	.04		
ROBERTSDALE 1 E	4.48							.67	.24		.48									.81																			T	.06		
ROCKFORD	7.33							2.00	1.0		.60									.40		.65	1.65	1.85				T											T	.08		
ROCK MILLS	8.60							1.82	.37		.37	.28								.87		.50	.48	3.76					.02										T	.02		
RUSSELLVILLE 2	2.92		.05					.18	.30	.84										.04	.93		.25	.14	.10			.04											T	.05		
SAINT BERNARD	4.86							T	1.38	.55		.81	.18							.34	.80	T	.36	.11	.21														T	.10		
SANO MT SUBSTATION A U	7.15							.94	2.95	.19		.39								.52	1.24		.33	.36															T	.19		
SAYRE	4.27		.02					.22	1.60	.50										.50	1.25																		T	.05		
SCOTTSBORO	5.87							2.20	1.15				.04	.01						1.37		.21	.26	.22		.10	.13													T	.31	
SEALE	3.17							.65	.35			.18								.04	.13		.50	1.10															T	.17		
SELMA	4.89		T		.03			.03	1.28	.09		.19								.62		1.07	.40	.71			.02													T	.03	
SNOW HILL	4.66				.16			.88	.42		.27	.06								.30		.50	1.50	.52																T	.05	
SUTTLE	3.89							1.32	.15		T									.22		.81	.95	.44															T	.03		
SYLACAUGA 4 NE	4.65			.03				.31	1.64	.02		.31	.03							.10	.37		.50	1.25															T	.02		
TALLADEGA	6.04			T				.61	1.97	.02		.56								.77		.39	1.42	.04				.05											T	.03		
THOMASVILLE	3.91			T		.25		.10	.51			.16								.60		.58	1.52	.12																T	.05	
THOSBY EXP STATION	4.67							.62	1.34		.42									.36		.66	1.25																	T	.10	
THURLOW DAM	7.63							2.21		.10		.34								.35		.15	.87	3.5A																	T	.03
TRAFFORD	5.36							.20	1.85	.60		.10	.32							.34	1.28		.47	.20																	T	.03
TROY	4.24							.86				.23	.01							.60		.26	.22	1.61																T	.05	
TUSCALOOSA FAA AIRPORT	3.29		T	T				.32	.42			.07								.85	.56	.13	.29	.53	T															T	.02	
TUSCALOOSA OLIVER DAM	3.57							.14	.52	.23		.02								.24	1.34		.34	.28	.33																T	.02
TUSKEGEE 2	7.40																																									

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1962

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		
ALBERTVILLE 2 SE	MAX MIN	60 36	60 37	61 39	61 41	53 39	51 28	60 37	59 39	53 47	47 39	58 33	71 34	55 42	56 35	67 44	65 37	69 50	62 48	58 39	55 39	53 39	68 50	55 33	64 33	66 38	56 35	57 30	59 43	51 41	61 46	59.0 39.0	
ALEXANDER CITY 6 NE	MAX MIN	64 25	63 27	64 35	62 36	55 33	64 20	66 25	60 47	55 41	64 33	74 25	63 43	64 43	67 31	70 25	75 35	72 60	65 49	65 33	59 46	66 53	62 48	69 22	69 26	65 32	59 29	70 23	59 47	63 49	71 48	64.8 36.3	
ALICEVILLE	MAX MIN	69 49	68 39	68 37	69 40	59 36	64 25	68 30	64 38	54 41	56 30	66 70	71 40	62 44	71 35	72 44	76 36	68 36	59 44	57 42	55 45	65 52	72 48	68 28	69 26	69 34	62 32	65 29	67 23	63 47	62 49	65.3 38.0	
ANDALUSIA 1 NW	MAX MIN	67 32	66 34	65 39	62 42	61 32	61 20	64 35	70 48	61 48	58 30	61 33	74 43	62 46	66 31	67 31	71 42	75 54	77 64	64 45	71 52	64 48	67 24	67 28	68 26	68 36	58 31	67 47	58 50	57 51	61 46	65.5 39.6	
ANNISTON FAA AIRPORT	MAX MIN	64 31	60 38	62 45	56 43	54 30	64 30	66 33	57 49	50 41	62 34	72 30	59 50	62 40	72 33	67 40	67 33	72 44	67 60	63 46	54 49	68 51	58 36	69 29	69 35	58 38	69 34	67 31	56 51	65 44	71 48	62.9 39.9	
ATHENS 2	MAX MIN	61 27	60 40	63 42	58 36	52 30	50 24	60 31	63 41	53 40	44 35	64 28	69 38	54 42	57 35	63 48	64 47	68 48	54 44	56 40	58 43	59 51	69 36	55 29	59 35	65 38	65 34	67 31	58 51	67 46	69 50	59.6 36.4	
ATMORE STATE FARM	MAX MIN	72 38	68 45	62 45	54 41	63 33	65 32	69 41	56 54	59 38	67 38	74 52	70 45	64 38	75 52	74 35	72 46	79 52	73 64	63 48	57 68	72 72	65 47	68 34	69 34	70 42	68 43	66 33	64 58	58 52	70 49	67.5 42.7	
AUBURN 3 SW	MAX MIN	67 35	63 42	62 37	67 35	60 34	58 25	61 32	68 44	60 49	50 34	62 45	72 45	58 36	65 43	67 30	67 38	74 50	73 55	63 36	66 49	66 27	67 29	67 37	67 34	60 34	58 28	69 46	53 50	60 50	60 46	63.7 38.6	
BANKHEAD LOCK AND DAM	MAX MIN	65 32	62 35	62 41	65 40	57 39	55 30	65 33	65 41	53 43	60 32	65 32	63 35	56 43	63 34	71 35	70 39	73 50	61 50	57 42	52 44	62 48	70 49	60 29	69 31	64 36	65 33	59 32	61 33	65 49	60 45	62.1 38.5	
BAY MINETTE	MAX MIN	61 38	67 43	60 47	54 46	64 38	64 39	66 54	62 47	62 54	72 46	65 45	68 54	66 47	70 41	78 48	78 70	70 54	63 46	63 49	55 68	67 71	68 70	67 47	68 69	70 37	63 46	65 50	57 50	66 54	66.7 45.8		
BELLE MINA 2 N	MAX MIN	62 28	63 40	62 44	53 39	52 35	62 25	63 32	55 41	48 40	57 36	70 48	60 42	59 29	69 37	65 48	65 44	54 48	49 41	58 43	69 51	64 40	63 28	65 33	59 44	59 43	60 34	56 28	69 46	71 47	61.0 38.5		
BESSEMER 3 SSW	MAX MIN	63 27	66 36	64 40	58 37	55 39	66 24	59 31	66 48	50 42	64 30	74 49	60 41	67 29	70 49	71 57	75 49	66 57	58 39	53 46	71 52	59 45	68 27	69 31	60 39	60 30	65 28	53 44	64 49	69 46	63.1 38.9		
BIRMINGHAM WB AP	MAX MIN	60 33	62 40	62 47	57 36	54 34	62 36	64 49	56 43	50 43	63 36	71 35	61 45	61 38	69 34	68 38	74 54	67 55	56 47	63 57	50 70	59 36	67 23	69 32	60 41	60 36	61 33	55 47	66 51	70 46	62.3 41.7		
BRANTLEY	MAX MIN	69 28	64 30	68 39	61 37	64 31	61 24	65 27	72 41	62 48	58 28	65 44	75 48	64 44	67 28	69 28	71 46	76 57	81 46	65 41	68 43	72 52	72 45	65 26	69 34	69 35	60 33	55 28	59 30	57 35	61 50	66.7 36.6	
BREWTON 3 SSE	MAX MIN	64 29	66 30	62 40	61 45	65 30	64 25	61 36	62 54	62 49	68 27	79 32	66 56	68 48	68 29	73 28	76 42	80 50	71 55	66 37	63 49	72 59	68 47	71 26	70 28	65 37	67 32	59 25	63 38	69 52	67.1 39.6		
BRIOGEPORT 2 W	MAX MIN	61 28	61 37	61 34	56 39	51 33	62 27	59 27	55 33	52 41	62 38	69 44	57 43	59 26	55 29	66 32	65 40	58 45	54 53	65 40	57 45	65 51	66 46	66 26	66 30	58 45	67 32	64 27	72 42	60 45	70 44	60.6 37.7	
CALERA 2 SW	MAX MIN	63 25	64 31	66 34	60 38	56 34	64 24	67 29	56 42	51 41	64 29	74 45	61 43	69 49	70 30	76 43	70 60	64 48	63 37	55 45	62 52	60 47	66 28	68 33	56 41	66 36	60 29	66 45	64 50	68 46	63.4 37.4		
CAMDEN 3 NW	MAX MIN	62 33	65 33	64 44	57 41	60 35	64 27	68 38	66 52	65 44	76 31	65 38	65 53	69 48	71 33	79 51	77 62	75 51	63 40	59 47	68 56	63 28	67 33	67 41	65 36	65 41	59 36	58 31	70 43	70 51	65.5 41.9		
CAMP HILL 2 NW	MAX MIN	65 31	62 31	62 32	62 36	69 39	69 25	62 27	66 33	57 48	50 36	62 48	72 45	58 33	63 29	67 30	74 50	73 53	68 38	61 45	65 51	60 60	70 28	67 32	67 34	66 35	67 32	58 31	70 32	61 46	61 47	63.4 36.4	
CENTRE 5 SW	MAX MIN	63 29	61 33	56 40	64 40	55 30	64 22	61 26	62 32	51 46	50 42	61 29	70 39	57 42	61 30	67 32	67 39	73 44	65 50	58 46	54 47	67 54	68 28	63 32	67 35	57 32	63 31	62 48	58 44	68 44	60.6 37.0		
CENTREVILLE	MAX MIN	67 29	69 33	65 35	66 43	58 35	58 25	66 25	56 45	56 45	54 30	61 31	75 34	58 41	65 31	71 31	77 31	72 63	58 41	62 41	62 50	71 49	62 27	68 35	69 35	59 32	61 32	65 32	59 44	61 44	64.4 35.0		
CHATOM	MAX MIN	64 32	64 35	60 47	60 44	62 33	62 29	69 48	63 59	59 46	77 29	77 35	68 51	66 45	70 30	73 45	80 42	79 56	63 39	63 46	62 58	69 62	69 30	71 36	69 37	69 33	64 46	65 50	61 44	57 44	70 44	66.8 40.8	
CHILDOERSBURG WTR PLANT	MAX MIN	64 28	62 34	64 38	60 38	55 40	64 21	67 27	60 49	52 44	63 36	74 45	70 52	62 45	69 29	70 40	76 49	67 63	63 59	59 53	68 53	66 28	66 30	66 35	66 25	58 35	64 29	67 25	65 48	70 44	69.5 39.0		
CITRONELLE	MAX MIN	62 41	66 44	58 46	56 46	73 37	64 36	70 36	65 51	60 47	70 35	69 44	69 46	70 44	73 46	79 55	77 61	71 54	64 43	63 43	69 60	66 48	67 37	69 40	70 41	67 45	63 39	61 48	59 48	69 54	66.8 44.9		
CLANTON	MAX MIN	65 30	62 41	64 35	64 40	58 38	55 25	62 31	66 40	63 45	56 33	62 42	72 46	63 46	68 34	69 31	76 35	67 53	68 52	58 41	65 43	60 50	68 50	59 28	67 31	67 34	56 34	63 30	53 50	59 52	62.4 38.5		
CLAYTON	MAX MIN																																
COOEN	MAX MIN	65 36	69 37	67 44	66 45	72 37	67 39	69 46	66 57	67 48	69 34	78 42	70 55	72 44	71 41	73 40	80 56	73 59	68 51	63 56	69 62	73 47	69 36	72 37	75 47	65 43	60 39	64 47	59 50	61 55	61 50	68.7 45.7	
OAYTON	MAX MIN	66 35	62 38	65 46	65 43	57 32	58 33	65 43	62 43	66 44	58 32	75 42	65 53	55 44	65 35	70 38	74 52	79 60	58 50	61 42	75 47	65 53	66 48	62 32	66 35	62 44	60 34	63 42	60 51	60 51	63.8 42.7		
DECATUR	MAX MIN	63 31	63 34	64 44	62 42	57 34	52 26	63 28	64 38	52 43	45 36	59 45	72 45	64 30	59 32	70 41	66 47	70 54	56 42	49 49	60 65	70 47	56 29	63 30	65 44	57 34	57 34	61 31	63 49	67 40	59.9 37.6		
OEMOPOLIS LOCK AND DAM	MAX MIN	33 33	43 33	44 43	43 38	42 30	31 20	30 30	35 43	37 53	32 36	32 39	36 53	40 45	36 40	33 37	34 46	51 60	51 47	46 43	48 53	49 40	30 35	33 37	34 44	41 35	42 31	32 51	35 51	47 51	51 48	38.7	
OOTHAN FAA AIRPORT	MAX MIN	65 39	67 40	65 43	65 43	62 38	64 30	70 43	63 57	61 43	64 36	73 39	65 53	66 45	66 40	69 37	76 46	79 60	68 47	69 43	67 53	75 53	65 40	63 35	68 37	67 44	67 35	67 31	53 51	64 51	67 48	66.0 43.4	
DOUBLE SPRINGS	MAX MIN	62 32	61 29	63 43	62 37	53 32	53 25	61 41	62 38	50 41	43 30	61 31	72 51	54 38	60 32	69 35	65 42	50 53	54 49	48 40	58 48	70 43	58 27	65 30	67 42	57 37	62 30	60 32	60 47	66 45	59.6 37.2		
ENTERPRISE	MAX MIN	65 39	67 40	65 43	65 46	62 36	64 32	70 42	64 55	61 46	65 36	75 41	65 53	67 47	67 39	71 35	74 46	80 60	62 48	61 52	72 68	65 48	66 36	69 38	69 45	68 40	60 34	55 49	58 50	62 52	66.7 44.5		
EUFULA	MAX MIN	68 33	67 30	68 33	68 31	68 36	69 27	72 34	64 52	61 51	66 29	71 45	67 46	69 32	70 28	71 35	76 47	75 50	79 55	71 39	70 40	73 50	66 28	66 36	69 29								

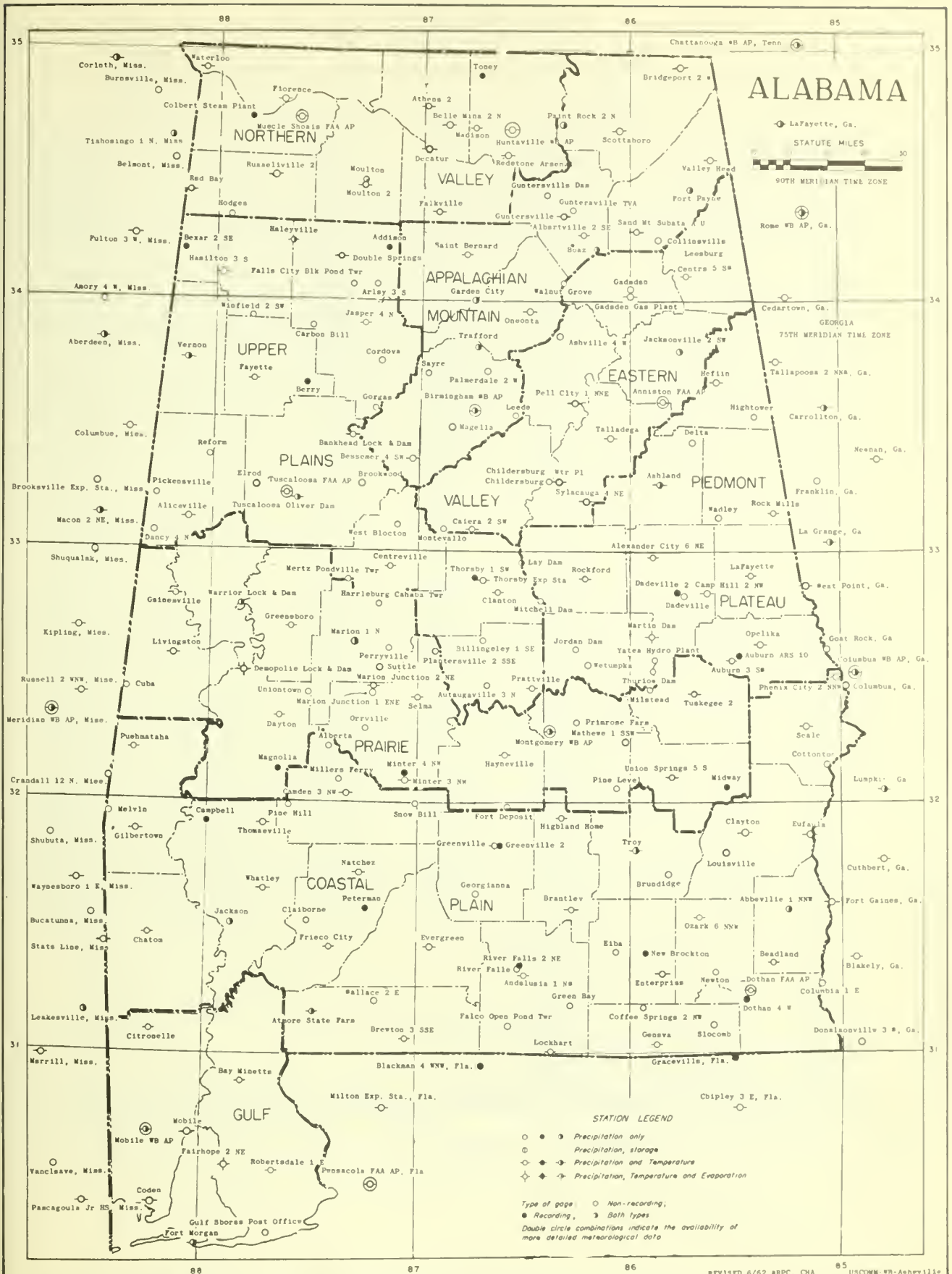
DAILY TEMPERATURES

ALABAMA
NOVEMBER 1962

Continued

Table with columns: Station, Day Of Month (1-31), and Average. Rows list various stations such as PORT MORGAN, PRISCO CITY, ROSOEN GAS PLANT, etc., with their respective temperature ranges for each day and an overall average.

See reference notes following Station Index.



Maps of Average Temperature and Total Precipitation that have been included in this location each month have been temporarily discontinued. Users requiring these analyses may use the above map to plot and analyze the data that appear elsewhere in this bulletin.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFO 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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

Odelayed data and corrections will be carried only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

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.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

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.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., CST of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C. 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

DECEMBER 1962
Volume 68 No. 12



TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 78° on the 3d at Rockford

Lowest Temperature: -8° on the 13th at Valley Head

Greatest Total Precipitation: 6.50 inches at Evergreen

Least Total Precipitation: 1.38 inches at Hayneville

Greatest One-Day Precipitation: 3.10 inches on the 29th at Mobile

Greatest Reported Total Snowfall: 3.3 inches at Huntsville WB Ap.

Greatest Reported Depth of Snow on Ground: 2 inches on the 24th at Madison
and Moulton 2

SPECIAL WEATHER SUMMARY

The dominant features of the December weather in Alabama were the several strong outbreaks of polar air crossing the State during the month and the record-breaking temperatures on the 13th.

Record low December temperatures were recorded at most stations. At Birmingham, the minimum temperature of 1° on the 13th was the lowest temperature of record in December. At Montgomery, the minimum temperature of 5° on the 13th was the lowest December temperature in some 90 years of record, and was the second lowest temperature of record for any month. It was also the lowest temperature at Montgomery in the present century. At Mobile, the minimum temperature of 10° on the 13th was the lowest of record for December.

Please see map of Minimum Temperatures on December 13, 1962. Zero or subzero temperatures were confined to the northern third of the State and in the east-central portion. The night of December 12-13 was rather windy due to the rapid movement of the cold air mass, and radiation effects on temperatures were rather minor. Normally, during such cold periods with calm nights, temperatures in the Haleyville area would have been lower and temperatures in southwest Alabama in the Evergreen-Natchez area would have been lower than at Montgomery.

Daily maximum temperatures were in the 70's over most of Alabama during the first 4 days of December, which proved to be quite a contrast with the record-breaking low temperatures on the 13th.

Principal crop damage was to winter grazing and cover crops. Property damage was due to freezing of water pipes, water systems, and automotive equipment. Three persons were reported to have died from exposure to the extreme cold.

There was a critical shortage of hay due to moisture de-

ficits during the period May-December 1962, and cold damage to winter grazing crops made this condition more critical.

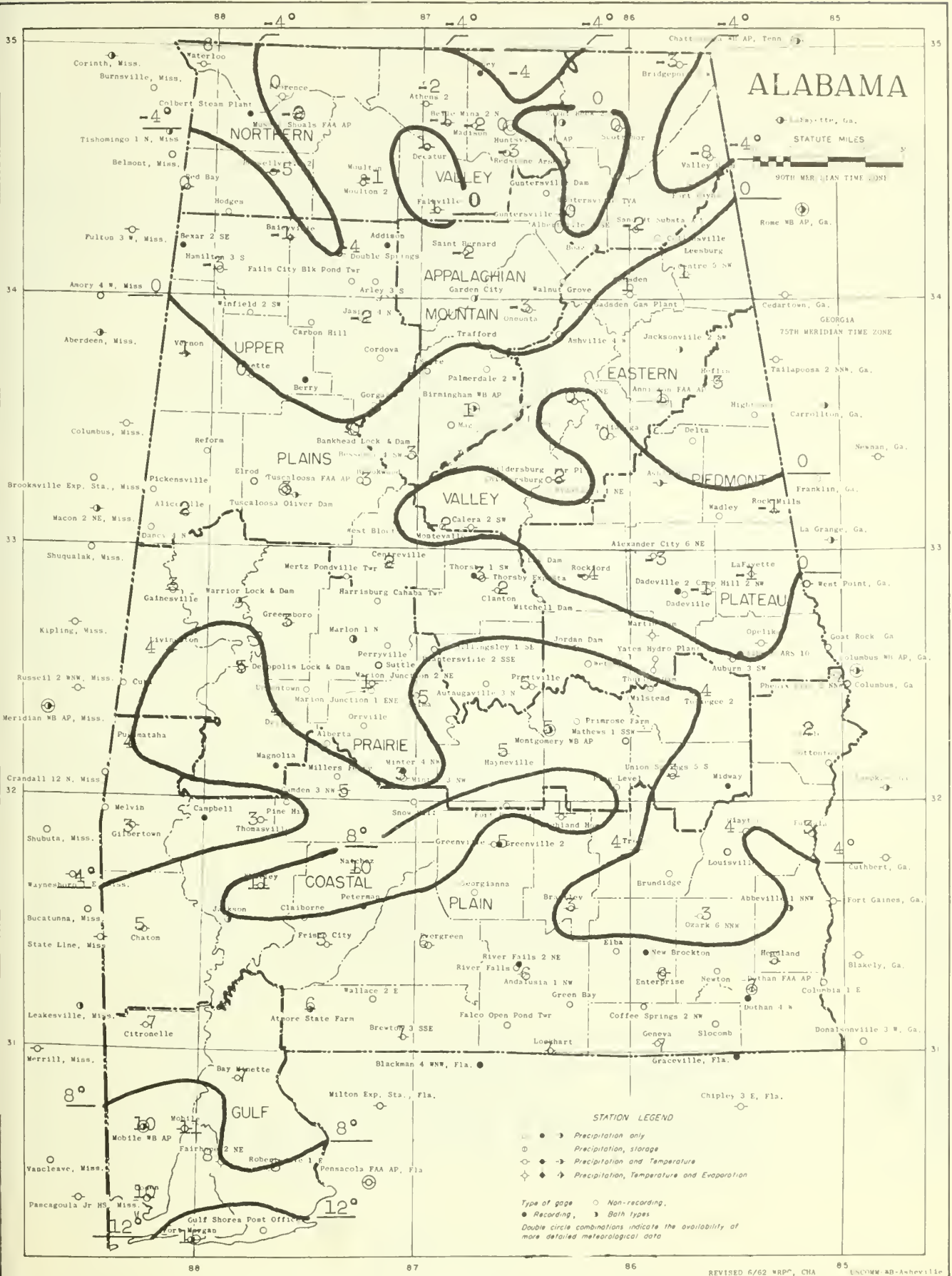
The following table shows the cumulative drought in some areas:

CLIMATOLOGICAL DIVISION	TOTAL MAY-DEC RAINFALL	CUMULATIVE % of NORMAL
Northern Valley	25.72	86
Appalachian Mountains	29.53	94
Upper Plains	23.87	74
Eastern Valley	32.24	99
Piedmont Plateau	31.90	103
Prairie	23.84	78
Coastal Plain	27.01	77
Gulf	28.67	68

The Gulf Division was consistently the driest during the 8 month period. May, July, August, and December were the driest months. Rainfall was above normal in all Divisions of the State during June and November.

Arthur R. Long
Weather Bureau State Climatologist
Dannelly Field, RFD 2
Montgomery, Alabama

MINIMUM TEMPERATURES ON DECEMBER 13, 1962



CLIMATOLOGICAL DATA

ALABAMA
DECEMBER 1962

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							
										90° or Above	32° or Below	32° or Below	37° or Below					0° 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
COASTAL PLAIN																												
ANOLAUSIA 1 NW	58.1	34.1	46.1		71	22+	6	13	577	0	1	14	0	5.25		2.32	25		.0				7	3	2			
ATMORE STATE FARM	61.0	37.0	49.0		73	21+	6	13	489	0	0	10	0	3.37		1.67	29		.0				8	1	1			
BRANTLEY	59.0	31.4	45.2		75	2	3	13	607	0	1	16	0	4.02	-.70	2.20	25		.0				5	2	1			
BREWTON 3 SSE	61.6	35.9	48.8	- 2.9	75	20	7	13	494	0	0	11	0	5.76	1.19	2.30	29		.0				9	4	1			
CAMOEN 3 NW	57.7	35.2	46.5		72	2+	5	13	568	0	1	13	0	2.98		.73	22		.0				7	3	0			
CHATAM	57.7	35.0	47.9		74	21+	5	13	526	0	0	10	0	3.54		1.17	29		.0				7	3	1			
CLAYTON	57.7	36.2	47.0		74	10	4	13	553	0	2	9	0	2.77	- 1.96	1.25	25		.0				7	2	1			
COOTHAN FAA AIRPORT	58.5	37.9	48.2		72	21+	7	13	513	0	1	9	0	3.38	-.80	1.31	29		.0				6	2	1			
ENTERPRISE	60.5	39.1	49.8		74	20	6	13	463	0	0	7	0	4.50		1.80	25		.0				8	2	2			
EUFULA	60.2	33.1	46.7	- 4.2	74	20+	3	13	562	0	1	13	0	3.24	- 1.71	1.25	26		.0				5	3	1			
EVERGREEN	58.6	33.5	46.1		73	4	6	13	579	0	1	14	0	6.50		1.45	26		.0				11	6	2			
FRISCO CITY	58.7	36.7	47.7		75	4	5	13	528	0	1	10	0	2.91	- 2.69	1.12	29		.0				6	1	1			
GENEVA	59.5	36.1	47.8		75	22	7	13	528	0	1	11	0	4.39	.21	1.65	25		.0				5	3	2			
GILBERTOWN	59.6	33.3	46.5		72	2	5	13	541	0	0	10	0	2.66	- 2.59	1.11	25		.0				4	2	1			
GREENVILLE	58.3	36.5	47.4	- 4.0	74	22	5	13	541	0	1	12	0	2.86		.65	29		.0				7	3	0			
HEAOLANO	58.5	36.1	47.3		72	4	11	14+	565	0	1	10	0	3.06	- 1.90	1.87	25		.0				7	3	0			
HIGHLAND HOME	56.1	37.0	46.6	- 4.4	72	4	7	13	469	0	1	8	0	5.50		2.66	25		.0				7	2	2			
LOCKHART	60.8	38.4	49.6		74	21	11	13	469	0	1	8	0	2.43		.79	29		.0				7	2	0			
NATCHEZ	59.0	32.5	45.8		73	19+	10	13	589	0	0	13	0	2.43		1.10	25		.0				8	3	1			
OZARK 6 NNW	59.1	34.5	46.8	- 5.7	73	4+	3	13	554	0	1	11	0	4.08	-.62	1.56	25		.0				8	2	0			
PHENIX CITY 2 NNW	55.6	33.9	44.8		72	3	4	13	619	0	2	12	0	3.15		1.10	25		.0				7	2	1			
PUSHMATAHA	57.9	32.4	45.2	- 3.8	74	4	4	13	608	0	1	14	0	2.04	- 3.29	.78	25		.0				5	2	0			
SEALE	58.4	31.8	45.1		72	2+	2	13	612	0	0	14	0	2.73		.75	25		.0				5	2	0			
THOMASVILLE	55.3	32.5	43.9	- 6.1	71	2	3	13	647	0	2	12	0	2.25	- 2.99	.66	25		.0				5	2	0			
TROY	57.8	37.7M	47.8M	- 3.0	72	3+	4	13	530	0	0	9	0	3.48	- 1.20	1.68	25		.0				6	2	1			
WHATLEY	60.9	32.1	46.5		76	4	11	13	566	0	1	14	0	2.41		.58	29+		.0				7	3	0			
DIVISION																												
			46.9	- 4.3										3.52	- 1.44				T									
GULF																												
BAY MINETTE	60.5	40.4	50.5		75	3	7	13	440	0	0	7	0	3.87		2.11	29		.0				7	2	1			
CITRONELLE	59.9M	38.3M	49.1M	- 4.1	73	21+	7	13	486	0	0	6	0	2.96	- 2.89	1.59	29		.0				4	2	1			
COOEN	62.8	41.7	52.3		76	4+	10	13	388	0	0	7	0	2.86		1.31	29		.0				7	1	1			
FAIRHOPE 2 NE	61.4	42.2	51.8	- 2.2	77	19	8	13	401	0	0	6	0	3.90	-.91	1.98	29		.0				8	1	1			
FORT MORGAN	59.1	47.1	53.1		69	2	15	13	362	0	1	3	0	3.05		1.00	29		.0				8	3	1			
MOBILE WB AIRPORT	59.9	41.3	50.6	- 2.5	74	4	10	13	441	0	1	6	0	4.54	-.92	1.72	29		.0				9	3	1			
MOBILE	59.1	41.8	50.5	- 3.3	75	5+	11	13	445	0	1	3	0	4.80	-.29	3.10	29		.0				7	3	1			
ROBERTSOLA 1 E	60.8	38.4	49.6		74	22+	8	13	468	0	1	9	0	3.46	- 1.36	1.52	29		.0				8	2	1			
DIVISION																												
			50.9	- 3.0										3.68	- 1.34				.0									

SNOWFALL AND SNOW ON GROUND

ALABAMA
OCTOBER 1962

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				
A'BERTVILLE 2 SE	SNOWFALL SN ON GND						T																													
ANNISTON FAA AIRPORT	SNOWFALL SN ON GND					T	T					T	T																							
ATHENS 2	SNOWFALL SN ON GND																																			
AUBURN 3 SW	SNOWFALL SN ON GND												T																							
BELLE MINA 2 N	SNOWFALL SN ON GND																									.5										
BESSEMER 3 SSW	SNOWFALL SN ON GND						T						T	T													T									
BIRMINGHAM WB AIRPORT	SNOWFALL SN ON GND						T					T	T																							
BRIDGEPORT 2 W	SNOWFALL SN ON GND								T																											
CAMDEN 3 NW	SNOWFALL SN ON GND											T																								
CENTRE 5 SW	SNOWFALL SN ON GND						T							T	T																					
OCATUR	SNOWFALL SN ON GND						T	T																											2.0 1	
COOUBLE SPRINGS	SNOWFALL SN ON GND											T	T													T										
FLORENCE	SNOWFALL SN ON GND						T					T														3.0										
GAINESVILLE	SNOWFALL SN ON GND												T																							
GENEVA	SNOWFALL SN ON GND												T																							
GREENVILLE	SNOWFALL SN ON GND												T																							
GUNTERSVILLE	SNOWFALL SN ON GND						T						T			T																				
HAMILTON 3 S	SNOWFALL SN ON GND												T	T																					T T	
HEFLIN	SNOWFALL SN ON GND						T																													
HIGHLAND HOME	SNOWFALL SN ON GND												T																							
HUNTSVILLE WB AIRPORT	SNOWFALL SN ON GND					T	T		T			T	T																						3.2 1	
JASPER 4 N	SNOWFALL SN ON GND												T	T																					T	
LAFAYETTE	SNOWFALL SN ON GND												T																							
LOCKHART	SNOWFALL SN ON GND												T																							
MADISON	SNOWFALL SN ON GND					T	T						T																						2.0 2	
MONTGOMERY WB AIRPORT	SNOWFALL SN ON GND												T																						T	
MOULTON 2	SNOWFALL SN ON GND						T						T	T																					3.0 2	
MUSCLE SHOALS FAA AP	SNOWFALL SN ON GND						T					T	T																						-	
NEW MARKET 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OZARK 6 NNW	SNOWFALL SN ON GND												T																							
PUSHMATAHA	SNOWFALL SN ON GND												T																							
RED BAY	SNOWFALL SN ON GND												T																							1.0 T
REDSTONE ARSENAL	SNOWFALL SN ON GND																																			T
ROCKFORD	SNOWFALL SN ON GND												T																							
ROCK MILLS	SNOWFALL SN ON GND												T																							
RUSSELLVILLE 2	SNOWFALL SN ON GND																																			T
SAINT BERNARD	SNOWFALL SN ON GND						.3																													T
SAND MT SUBSTATION A U	SNOWFALL SN ON GND						T						T																							
SCOTTSBORO	SNOWFALL SN ON GND						T						T																							T
TUSCALOOSA FAA AIRPORT	SNOWFALL SN ON GND																																			T

See reference notes following Station Index

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	
VALLEY HEAD	SNOWFALL SN ON GND						.5	T																									
WATERLOO	SNOWFALL SN ON GND						T							T																			

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p h.				Relative humidity averages - percent				Number of days with precipitation					Percent of possible sunshine	Average sky cover sunrise to sunset		
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	MIDNIGHT CST	6:00 A CST	NOON CST	6:00 P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99			2.00 and over	Total
BIRMINGHAM W8 AIRPORT	NNW	11	8.5	31	NW	6	37	35	43	40	6	5	3	2	0	0	16	47	6.2
HUNTSVILLE W8 AIRPORT	WNW	12	8.9	35++	NW	5	77	81	58	65	8	4	2	2	1	0	17	-	6.7
MOBILE W8 AIRPORT	NE	13	7.5	23++	NNW	12	77	77	59	67	2	5	6	2	1	0	16	-	5.8
MONTGOMERY W8 AIRPORT	N	9	8.6	30	NW	29	72	76	52	58	4	4	7	0	0	0	15	52	5.3

CLIMATOLOGICAL DATA

ALABAMA
DELAYED DATA

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	30 or More	1.00 or More
										31 or more	30 or more	31 or more	30 or more										
JUNE 1962																							
HALEYVILLE	86.7	62.7	74.7		93	25+	54	16+	0	4	0	0	0	6.36		1.92	25	.0	0	13	4	2	
JULY 1962																							
ALBERTVILLE 2 SE	89.5	56.5	78.0	- 0.5	98	24	56	28+	0	16	0	0	0	3.25	- 1.45	.95	25	.0	0	5	4	0	
FLORENCE	96.2M	58.5M	82.4M		101	24+	57	27	0	30	0	0	0	4.84		1.40	5	.0	0	6	2	2	
SCOTTSBORO	90.6	52.9	76.8	- 2.5	101	23	52	29	0	22	0	0	0	3.53	- 1.96	.95	31	.0	0	7	3	0	
WHATLEY	95.9	58.9	82.4		99	22+	62	11	0	31	0	0	0	8.31		3.50	8	.0	0	9	5	2	
AUGUST 1962																							
RUSSELLVILLE 2	91.3	63.1	77.2		98	30+	53	11	0	22	0	0	0	2.41		.70	22	.0	0	4	2	0	
OCTOBER 1962																							
FAYETTE	79.2M	50.3M	64.8M		91	10	27	26	113	1	0	4	0	1.90		1.40	2	.0	0	3	1	1	
HALEYVILLE	76.2	51.0	63.6		87	11	29	26	119	0	0	3	0	2.22		1.00	2	.0	0	4	2	1	
NOVEMBER 1962																							
HALEYVILLE	59.1	40.5	49.8		72	12	28	23	447	0	0	6	0	4.71		1.26	18	.0	0	9	4	1	

DAILY TEMPERATURES

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	
JUNE 1962																																	
HALEYVILLE	MAX	83	83	86	88	87	86	89	88	83	83	86	80	82	82	81	83	89	92	93	89	89	88	89	93	93	89	84	89	89	84	86.7	
	MIN	62	61	63	64	64	61	62	64	62	62	63	68	67	58	54	54	56	65	66	68	65	64	63	65	64	65	64	64	65	58	62.7	
JULY 1962																																	
ALBERTVILLE 2 SE	MAX	87	88	90	90	90	85	86	89	90	87	87	90	89	93	94	94	93	93	91	89	92	93	93	98	88	84	89	81	84	87	90	89.5
	MIN	63	64	65	65	67	66	68	69	73	63	63	66	69	69	70	69	69	69	69	69	69	67	69	70	68	70	56	56	60	65	68	66.5
FLORENCE	MAX	94	96	96	92	97	94	95	92	92	95	95	98	101	101	100	96	97	95	100	100	100	100	101	99	91	87	93	96	96.2			
	MIN	64	64	70	73	73	71	71	72	72	68	68	70	73	75	73	72	66	63	62	66	67	65	72	70	57	61	70	70	68.5			
SCOTTSBORO	MAX	90	91	93	91	91	85	86	89	93	88	90	91	92	94	96	97	94	92	90	91	92	95	101	90	82	86	87	86	82	91	93	90.6
	MIN	59	60	65	68	66	69	68	67	69	58	59	66	63	62	67	68	66	64	59	61	58	58	68	64	68	51	54	53	52	66	70	62.9
WHATLEY	MAX	95	95	95	98	97	92	97	97	97	93	97	97	97	98	98	92	95	95	96	96	99	99	96	96	95	95	93	95	93	96	98	95.9
	MIN	68	68	69	71	70	69	70	69	71	64	62	69	66	65	70	73	70	70	70	63	65	67	70	72	71	70	69	70	72	70	72	68.9
AUGUST 1962																																	
RUSSELLVILLE 2	MAX	92	87	86	87	90	93	93	95	90	93	87	89	90	93	93	92	90	84	97	98	96	91	93	93	88	87	88	93	93	98	92	91.3
	MIN	63	66	65	70	68	68	68	67	69	58	53	57	62	63	59	58	55	60	61	63	63	62	64	63	70	69	65	57	58	61	70	63.1
OCTOBER 1962																																	
FAYETTE	MAX	76	78	78	83	83	87	80	88	91	90	87	88	87	87	87	82	85	86	87	74	75	69	61	61	63	71	74	74	77	67	79.2	
	MIN	54	54	51	50	58	62	63	66	57	53	54	54	56	55	64	62	51	47	48	61	53	45	31	31	27	30	38	40	50	43	50.3	
HALEYVILLE	MAX	79	68	76	79	79	83	82	78	77	83	87	80	80	84	85	83	83	73	79	83	83	75	72	66	57	57	61	68	74	71	76	76.2
	MIN	56	61	50	51	52	60	62	60	60	52	57	57	58	58	62	64	62	50	47	50	53	48	46	32	33	29	31	42	44	51	42	51.0
NOVEMBER 1962																																	
HALEYVILLE	MAX	62	63	59	63	52	53	63	63	50	43	61	72	51	60	69	68	58	53	48	48	58	69	57	66	67	57	61	60	53	67	59.1	
	MIN	31	43	39	42	37	29	38	45	42	31	33	52	40	33	42	53	50	47	41	43	49	42	28	31	47	38	29	49	48	43	40.5	

See reference notes following Station Index.

DAILY PRECIPITATION

ALABAMA
DELAYED DATA

Station	Day of month																															Total			
	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				
JUNE 1962																																			
HALEYVILLE	.26			.16	.27			1.04		.10		.78	.28							.09	.52				1.92		.11	.11	.49	.23					6.36
JACKSON	.97	1.15			.05				.96		.85	.15								.53	.08	.75			.91	.31	1.15				.15				8.01
MELVIN	.13	.34					.58	.08	.15		1.12	2.02	.38					.29																	5.09
JULY 1962																																			
ALBERTVILLE 2 SE				.60	.20	.85									.06	.02									.95							.57		3.25	
FLORENCE					1.40											.24									.25	.36		.14	.03			2.42		4.84	
PERRYVILLE		.25				1.30	.63									1.01											.50								3.69
REFORM		.71					.83					.05	.80				1.65	.11							.38	1.02			.09					5.64	
SCOTTSBORO				.68	.14	.91		.02														.04		.41	.11				.27	.95				3.53	
WHATLEY								3.50						.82	1.50		.56	.12									.34	.34	.87	.26				8.31	
AUGUST 1962																																			
RUSSELLVILLE 2	.48	T		.37				.66																.90										2.41	
OCTOBER 1962																																			
DANCY 4 N			.12																															.12	
FAYETTE	1.40								.02							.25						.05	.18											1.90	
HALEYVILLE	1.00						.33									.08						.22	.59											2.22	
NOVEMBER 1962																																			
HALEYVILLE	.79								.30	.04	.54					.12	1.26	.46	.47	.50									.23					4.71	
HIGHTOWER								.10	1.92	.55	.37	.64				.02	.53	.35	.97	1.45								.19	.02					7.11	
REFORM								.16			.10					.66	.91	.51	.23	.04							.11	.06							2.78

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama or to any Weather Bureau Office near you.

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 only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

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.

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.

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

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

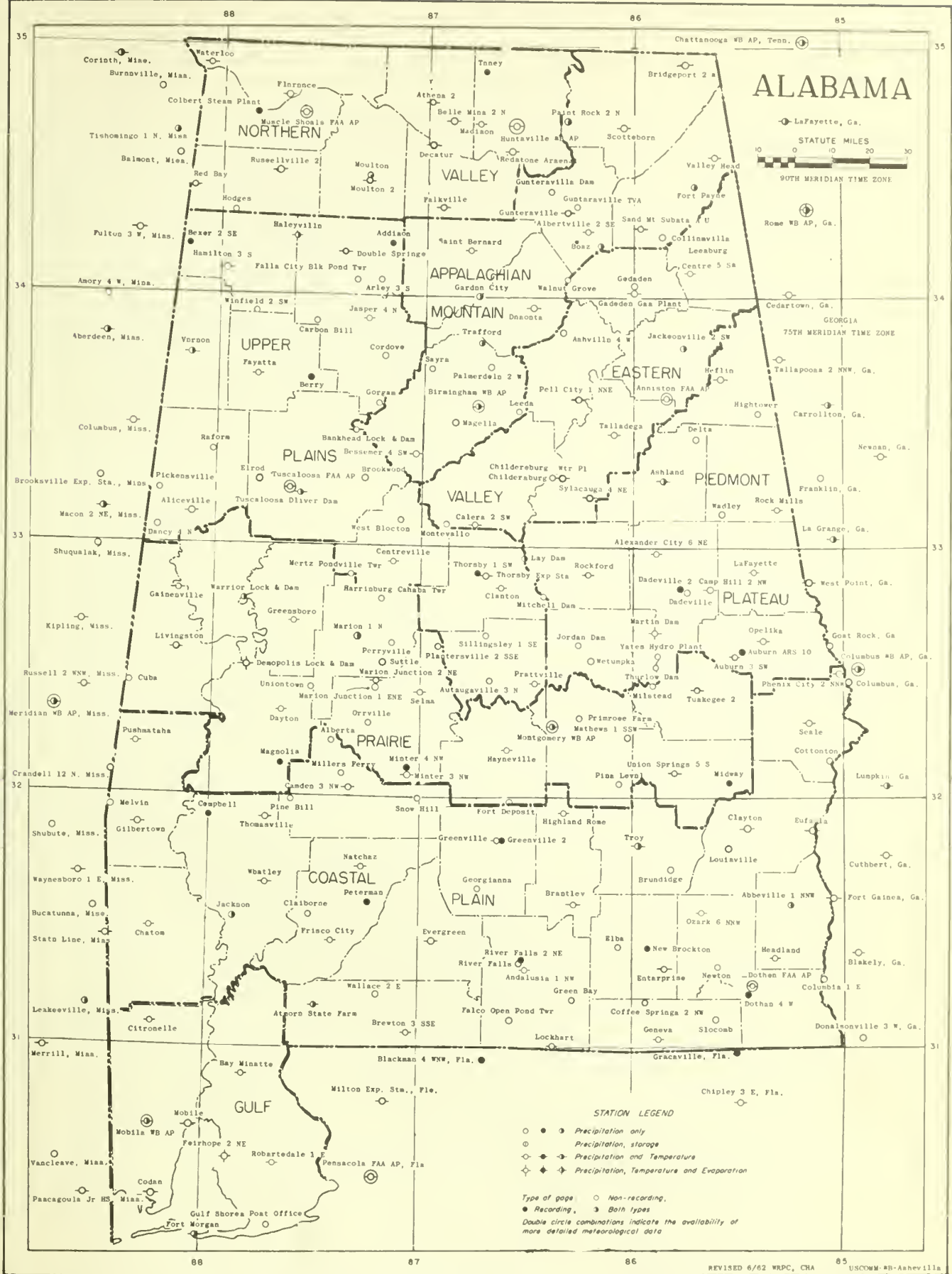
Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # 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.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., CST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

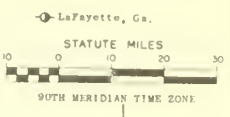
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues 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. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



ALABAMA



GEORGIA
75TH MERIDIAN TIME ZONE

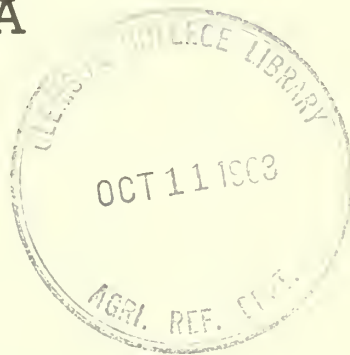
STATION LEGEND

- ● ○ 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

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

CLIMATOLOGICAL DATA

ALABAMA



ANNUAL SUMMARY 1962

Volume 68 No. 13



AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA
1962

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	
DIVISIONAL AVERAGES																											
NORTHERN VALLEY	38.0	- 5.1	50.7	5.5	47.3	- 4.4	57.8	- 3.5	74.7	4.9	75.7	- 2.0	79.2	- 1.0	79.7	0.1	72.6	- 1.1	63.6	0.8	49.3	- 1.3	38.7	- 5.2	60.6	- 1.0	
APPALACHIAN MOUNTAIN	39.4	- 4.2	51.5	5.6	48.1	- 3.8	57.4	- 3.6	74.1	4.8	75.1	- 1.7	78.9	- 0.2	78.9	0.4	72.0	- 1.2	63.1	0.3	49.0	- 1.8	39.2	- 5.1	60.6	- 0.9	
UPPER PLAINS	40.6	- 6.1	53.6	4.9	49.2	- 5.5	59.1	- 4.1	74.8	3.6	76.8	- 1.7	80.8	- 0.1	80.5	0.2	74.4	- 0.6	65.3	0.7	50.4	- 2.5	41.5	- 5.3	62.3	- 1.3	
EASTERN VALLEY	42.2	- 3.5	54.2	6.6	49.8	- 3.8	58.9	- 3.2	74.7	4.4	76.0	- 1.6	79.8	- 0.5	79.5	0.1	73.1	- 1.1	63.7	0.3	50.4	- 1.6	41.2	- 4.5	62.0	- 0.6	
PIEDMONT PLATEAU	42.9	- 5.1	54.4	4.6	49.9	- 5.4	58.7	- 4.7	74.2	2.8	76.5	- 1.7	79.6	- 0.5	78.6	- 1.0	73.1	- 2.0	64.2	- 1.0	50.8	- 3.2	43.3	- 4.6	62.2	- 1.8	
PRAIRIE	44.5	- 5.2	58.0	6.2	52.8	- 4.5	61.9	- 3.2	76.6	3.5	78.4	- 1.4	82.4	0.9	81.9	0.6	76.6	- 0.1	67.3	0.4	52.7	- 3.0	44.8	- 4.9	64.8	- 0.9	
COASTAL PLAIN	46.6	- 4.6	59.3	6.0	54.3	- 4.1	62.5	- 3.4	76.8	3.3	78.4	- 1.3	82.2	1.8	81.2	0.4	76.5	- 0.1	68.0	0.7	53.5	- 3.1	46.9	- 4.3	65.5	- 0.8	
GULF	49.5	- 3.8	61.3	6.0	57.0	- 3.0	64.8	- 2.2	78.1	3.7	79.6	- 0.5	83.7	2.2	82.6	1.1	78.5	- 0.8	71.4	2.0	56.8	- 2.1	50.9	- 3.0	67.9	0.2	

A narrative Special Weather Summary appeared in the January, May, June, July, August, September and December issues of this publication for 1962.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1962

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		
WATERLOO	8.87		7.53		3.60		6.75		2.44		3.84		2.00		1.94		3.86		1.67		2.11		1.97				46.56	
WEST BLOCTON	8.84		5.60		4.59		9.20		1.80		3.90		6.33		.50		2.40		.85		4.35		2.30				59.66	
WETUMPKA	6.24	1.68	4.35	.48	5.53	.42	8.07	2.97	.11	3.32	5.18	.85	3.61	1.56	4.57	.00	4.79	1.32	.35	1.77	7.30	4.11	2.45	2.30		52.55	1.12	
WHITLEY	5.20		2.30		5.38		5.42		1.48		4.03		8.31		1.70		1.69		5.40		5.01		2.41				48.33	
WHEELER DAM	8.00		7.54		7.22		-		-		-		-		-		-		-		-		-					
WIDOWS CREEK STM PLANT	10.07		11.03		4.68		-		-		-		-		-		-		-		-		-					
WILSON DAM	8.19		6.21		4.57		-		-		-		-		-		-		-		-		-					
WINFIELD 2 SW	8.23		4.14		6.14		6.53		1.56		4.37		3.52		1.57		4.47		.99		4.08		3.17				48.69	
YATES HYDRO PLANT	6.28	1.61	4.82	.17	7.09	.75	8.55	3.69	.88	3.05	3.60	.48	7.12	1.86	4.43	.65	5.75	2.10	1.16	.72	7.96	4.77	3.21	1.70		60.85	9.61	
YOUNGS STORE	6.32		7.32		4.46		-		-		-		-		-		-		-		-		-					
DIVISIONAL AVERAGES																												
NORTHERN VALLEY	8.94	3.38	8.24	3.07	5.46	.17	6.07	1.65	1.93	1.54	4.29	.78	2.83	1.53	1.73	1.82	4.48	1.15	2.54	.28	4.45	.53	3.14	1.51		54.10	3.70	
APPALACMIAN MOUNTAIN	9.80	4.24	5.68	.05	5.49	.56	6.04	1.42	1.85	1.68	4.56	.73	3.86	1.09	2.08	2.04	4.20	1.08	2.73	.22	6.23	2.27	3.04	2.11		55.56	2.13	
UPPER PLAINS	9.07	3.72	5.06	.35	5.05	1.14	6.88	1.93	1.13	2.70	4.37	.27	4.16	.97	2.36	1.96	2.43	.80	1.55	1.06	3.81	.21	2.85	2.29		48.72	5.14	
EASTERN VALLEY	7.41	2.07	5.78	.34	6.54	1.62	6.12	1.29	1.19	2.14	4.41	.35	4.57	.27	2.56	1.67	4.35	1.21	3.10	.45	5.68	2.29	3.08	1.99		52.74	.31	
PIEMONTE PLATEAU	6.66	1.81	4.05	.99	6.75	.48	6.48	1.50	.67	2.89	4.62	.65	6.54	1.23	3.46	1.05	4.15	.70	1.70	.57	7.88	4.54	3.20	1.66		56.17	3.75	
PRAIRIE	6.87	2.55	3.29	1.49	5.63	.25	6.48	1.46	1.07	2.61	5.54	1.78	3.40	2.07	2.52	1.52	2.93	.30	2.73	.58	4.46	1.30	2.17	2.68		47.09	3.25	
COASTAL PLAIN	5.53	1.07	4.86	.15	6.34	.01	6.04	.49	.78	3.40	5.58	1.12	4.41	2.42	3.14	2.06	3.03	1.40	3.44	1.34	4.32	1.00	3.52	1.44		50.99	5.54	
GULF	4.79	.35	4.25	.05	5.52	1.22	4.87	1.08	1.10	3.91	7.73	1.86	5.55	3.38	3.39	2.87	4.14	2.29	2.83	.08	3.57	.13	3.68	1.34		51.42	13.78	

See reference notes following Station Index.

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA
1962

Station	Highest Date	Lowest Date	Last spring minimum of										First fall minimum of										Number of days between dates						
			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.									
TUSCALOOSA OLIVER DAM	100	8-20	1	1-12	1-14	8	1-14	8	1-17	24	3-18	28	4- 4	32	10-25	32	11- 6	26	12- 7	24	12-10	20	12-12	7	332	330	324	233	204
TUSKEGEE 2	100	9- 4	4	12-13	1-13	13	1-13	13	3- 6	24	3- 7	28	3-17	32	11- 6	32	12- 7	23	12- 7	23	12-12	12	12-12	12	333	333	276	275	234
UNION SPRINGS 5 S	98	9-13	3	12-13	1-13	11	1-14	17	3- 6	24	3- 6	24	3-18	29	10-26	31	11- 6	27	12- 7	21	12-12	13	12-12	13	333	332	276	245	222
VALLEY HEAD	97	7-23	-	12-13	2- 7	13	2- 8	17	4-16	24	4-16	24	4-20	32	10-24	24	10-24	24	10-24	24	10-26	20	12- 7	10	303	260	191	191	187
VERNON	103	7-24+	-	-	-	-	-	-	-	-	-	-	-	-	10-24	26	10-24	26	10-26	24	12-10	15	12-10	15	-	-	-	-	-
WATERLOO	100	7-24	-	12-13	2- 7	15	3-17	19	4-16	24	4-16	24	4-16	24	10-24	27	10-24	27	12- 7	17	12- 7	17	12-10	15	306	265	235	191	191
WHATLEY	101	9-11	6	1-11	1-13	8	2- 7	20	3- 6	23	3-18	27	4- 7	31	10-25	32	11- 6	26	12- 7	21	12-10	16	12-10	16	331	306	276	233	201

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEMOPOLIS LOCK AND DAM	EVAP		83.31	84.44	5.28	7.36	6.88	7.13	6.90	4.39	84.51	82.27		
	WIND	2304	1966	2329	1736	1278	1177	929	1194	447	919	831	1764	16874
	MAX MIN										83.4 56.8	68.3 49.8	65.1 41.0	
FAIRHOPE 2 NE	EVAP	B1.50	2.32	4.12	B4.62	B7.40	B5.57	6.71	5.69	B6.09	B4.09	2.32	B1.70	52.13
	DEP	-.48	-.04	.48	-.29	1.28	-.63	.83	.08	1.56	.41	-.05	.08	3.23
	WIND	1194	1018	1342	772	714	598	785	472	B1152	609	1486	1066	11168
	MAX MIN									87.7 67.2	66.6 41.7	67.0 48.9		
MARTIN DAM	EVAP		B2.89	B3.76	B5.33	7.46	B6.72	B6.52	B7.09	B5.46	B4.24	82.58	1.42	
	WIND		1250	1580	1110	680	670	495	477	758	827	1203	1397	

No record is indicated by no entry.

Max and min in Table 4 refer to mean maximum and minimum temperatures of water in pan.

REFERENCE NOTES

Additional information regarding the climate of Alabama may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Dannelly Field, RFD 2, Montgomery, Alabama, or to any Weather Bureau Office near you.

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 in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

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

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

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.

- No record.
- + Also earlier date (dates) or months.
- * Amount included in following measurement.
- # 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.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are 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".
- 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.
- 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.

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. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 issue of Local Climatological Data annuals, 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 25, D. C.

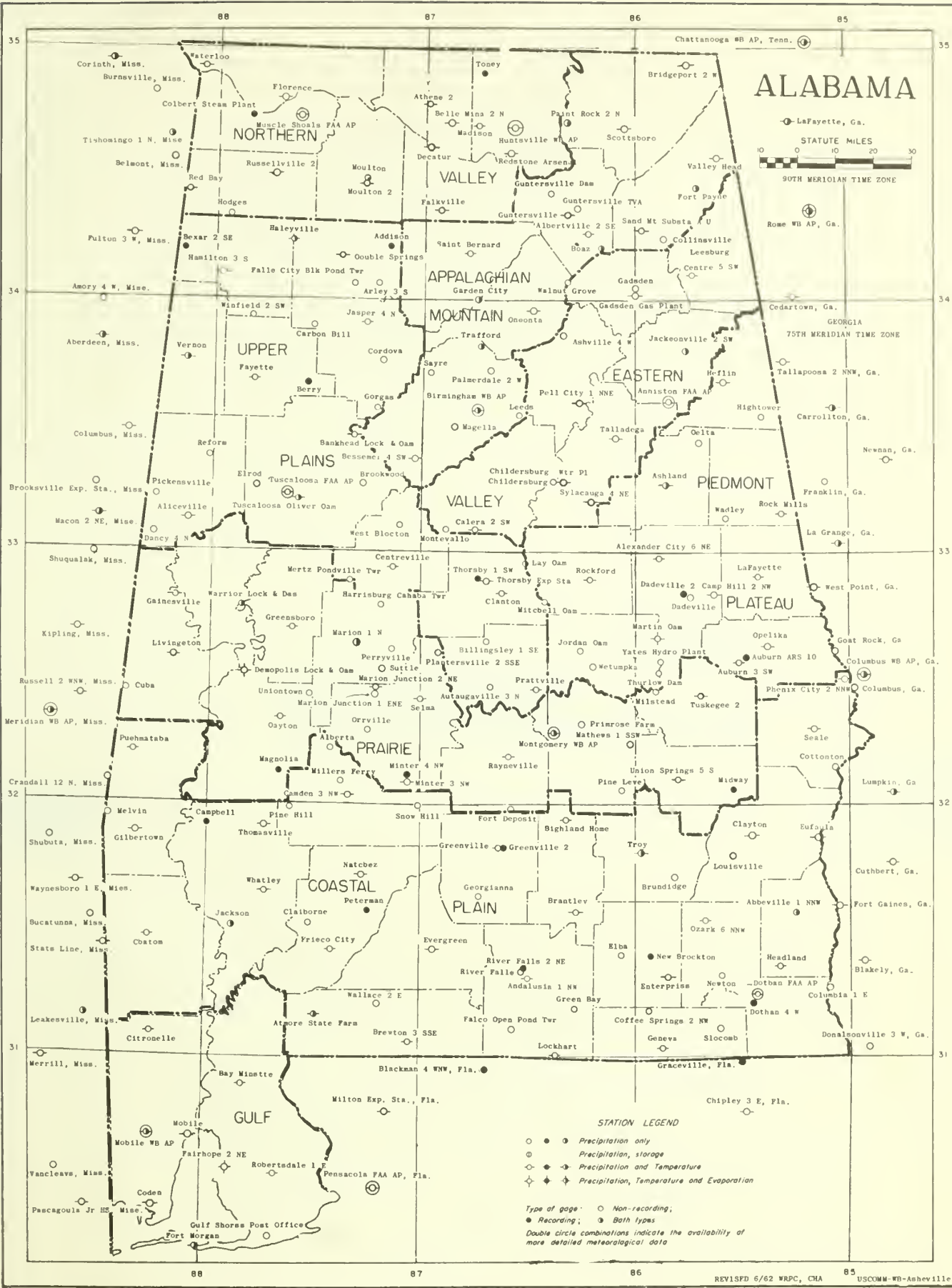
CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE - 1962
BESSEMER 3 SSW	BESSEMER 4 SW	July 18
DOTHAN 4 W	DOTHAN 4 NW	March 12
MARION JUNCTION 1 ENE	MARION JUNCTION	January 3
SAND MT SUBSTATION A U	SAND MT STATE FARM	January, 1949

RELOCATION AND CHANGES OF EQUIPMENT

ATHENS 2	Rain gage moved 220 feet NW	January 24
BELLE MINA 2 N	Equipment moved 200 feet SSW	August 29
CENTERVILLE	Equipment moved 0.2 mile E	February 23
CLAYTON	Equipment moved 0.5 mile SE	April 30
DOTHAN 4 W	Equipment moved 5.0 miles SW	March 12
EUFAULA	Equipment moved 3.1 miles SW	May 4
EVERGREEN	Equipment moved 1.7 miles E	January 29
FAIRHOPE 2 NE	Water temperature equipment added	October 4
FORT DEPOSIT	Equipment moved 0.2 mile NW	January 25
GREENSBORO	Equipment moved 20 feet S	October 5
IDER	Rain gage moved 400 feet SE	November 7, 1961
MADISON	Equipment moved 0.2 mile NW	August 28
MARION JUNCTION 1 ENE	Equipment moved 1.3 miles ENE	January 3
MOBILE	Equipment moved 800 feet SSE	May 9
NEW MARKET 2	Equipment moved 0.1 mile NW	May 23
ONEONTA	Equipment moved 0.3 mile SW	May 24
REFORM	Equipment moved 0.5 mile S	January 31
RIVER FALLS	Equipment moved 0.2 mile SSE	August 1
SLOCOMB	Equipment moved 300 feet E	May 1
YOUNGS STORE	Equipment moved 0.6 mile NE	February 6

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ALABAMA

LaFayette, Ga.
 STATUTE MILES
 0 10 20 30
 90TH 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

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