A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MISSISSIPPI
AUGUST 1969
Volume 74 No. 8

CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
* * *																							
UPPER DELTA 01																							
CHARLESTON	91.9	66.1	79.0		99	10	61	30+	0	26	0	0	0	4.46		2.37	19	.0	0		4	3	2
CLARKSDALE	90.7	68.5	79.6	- 3.4	98	10+	64	4+	0	24	0	0	0	1.95	- .30	1.28	19	.0	0		2	2	1
CLEVELAND	90.6M	68.4M	79.5M		97	9	62	6	0	19	0	0	0	1.86	- .67	1.06	22	.0	0		2	2	1
ROSEDALE	89.2	66.7	78.0		95	10+	62	5	0	19	0	0	0	2.47		.96	19	.0	0		4	3	0
SCOTT	89.5	66.7	78.1	- 3.0	96	18+	61	13	0	21	0	0	0	1.77	- .78	.73	19	.0	0		4	1	0
TUNICA 2	89.6	67.5	78.6		98	10	59	5	0	17	0	0	0	5.95		2.40	19	.0	0		5	3	3
DIVISION			78.8	- 2.8										3.08	.70			.0					
* * *																							
NORTH CENTRAL 02																							
BATESVILLE 2 SW	91.6	59.3M	75.5M	- 5.2	98	18+	52	7	0	24	0	0	0	4.01	.69	2.64	19	.0	0		3	2	2
CALHOUN CITY	91.6	63.7	77.7		99	9	55	5	0	23	0	0	0	2.70		1.55	19	.0	0		3	2	1
GRENADA	92.4	65.9	79.2		98	17	58	5	0	25	0	0	0	3.81	.58	1.90	19	.0	0		4	2	2
HERNANDO	90.3	66.9	78.6		99	10	60	4	0	19	0	0	0	6.68		2.48	19	.0	0		7	4	4
HICKORY FLAT 1 W	90.9M	62.0M	76.5M		100	5	57	13+	0	17	0	0	0	6.20		4.00	19	.0	0		5	3	2
HOLLY SPRINGS 4 N	87.6	62.4	75.0	- 5.2	97	10	56	5+	0	11	0	0	0	8.13	4.94	3.78	19	.0	0		6	5	2
INDEPENDENCE 3 N	88.8	65.4	77.1		97	10	57	5	0	15	0	0	0	8.74		3.17	19	.0	0		6	4	4
UNIVERSITY	88.3	62.9	75.6	- 5.4	96	10	55	5	0	12	0	0	0	3.39	.48	2.10	19	.0	0		4	2	1
WATER VALLEY 1 NNE	92.4	64.2	78.3	- 2.4	98	15+	56	5	0	26	0	0	0	2.34	- .75	2.09	19	.0	0		1	1	1
DIVISION			77.1	- 3.6										5.11	2.04			.0					
* * *																							
NORTHEAST 03																							
BOONEVILLE	88.7	64.2	76.5	- 3.4	97	10	59	3	0	16	0	0	0	3.86	.64	2.13	19	.0	0		5	3	1
CORINTH 5 WSW	90.0	63.9	77.0	- 4.2	98	9	58	4	0	21	0	0	0	6.87	3.47	2.50	19	.0	0		7	4	4
FULTON 3 W	91.2	64.1	77.7		98	9	58	30+	0	21	0	0	0	2.28	- .88	1.59	19	.0	0		3	2	1
PONTOTOC	89.4M	65.1M	77.3M	- 3.3	95	9+	58	4	0	18	0	0	0	2.82	- .46	1.96	19	.0	0		3	1	1
PONTOTOC EXP STA	89.3	64.8	77.1		97	10	58	5	0	20	0	0	0	3.16		2.14	19	.0	0		3	2	1
RIPLEY	89.9	63.2	76.6		99	10	59	14+	0	19	0	0	0	4.53		1.95	19	.0	0		6	3	2
TUPELO																							
TUPELO 2 WNW	90.9	63.3	77.1		98	9+	56	5	0	21	0	0	0	2.61		1.13	18	.0	0		4	2	1
DIVISION			77.0	- 3.7										3.73	.66			.0					
* * *																							
LOWER DELTA 04																							
BELZONI	91.2M	65.1M	78.2M	- 3.8	96	22+	59	11+	0	26	0	0	0	1.22	- 1.53	.90	19	.0	0		3	1	0
GREENVILLE	87.9	68.4	78.2	- 3.8	94	10	64	5	0	12	0	0	0	1.13	- 1.49	.85	19	.0	0		3	1	0
GREENWOOD FAA AP	90.9	68.4	79.7	- 2.4	97	17	60	11	0	24	0	0	0	4.52	1.46	1.98	18	.0	0		3	3	2
MINTER CITY	89.8M	65.8M	77.8M		97	10	60	6	0		0	0	0	2.48		1.71	19	.0	0		2	2	1
MOORHEAD	92.7	68.1	80.4	- .9	98	17+	60	24	0	25	0	0	0	1.41	- 1.40	1.01	19	.0	0		3	1	1
NITTA YUMA	91.2	67.2	79.2		97	18	61	11	0	24	0	0	0	1.20		.80	19	.0	0		2	1	0
ONWARD	90.7	65.9	78.3		96	10	59	12+	0	24	0	0	0	1.30		.83	19	.0	0		2	1	0
STONEVILLE EXP STA	90.5	67.9	79.2	- 2.0	97	18	61	24	0	24	0	0	0	.94	- 1.61	.81	19	.0	0		2	1	0
YAZOO CITY 5 NNE	92.0	68.5	80.3	- 1.7	97	9+	61	12+	0	26	0	0	0	3.68	.70	2.19	18	.0	0		2	2	2
DIVISION			79.0	- 2.7										1.99	- .79			.0					
* * *																							
CENTRAL 05																							
CANTON	92.4	65.0	78.7	- 2.5	99	10	53	12+	0	26	0	0	0	2.85	- .55	2.00	19	.0	0		2	2	1
CARTHAGE	91.5	64.8	78.2		98	10	58	13+	0	26	0	0	0	3.36		2.03	19	.0	0		6	2	1
EDINBURG	90.1	64.2	77.2	- 2.7	97	9	56	12	0	18	0	0	0	5.53	2.17	2.75	22	.0	0		3	3	2
EUPORA 1 E	91.7	64.6	78.2	- 2.0	99	8	55	5	0	23	0	0	0	2.71	- .64	1.69	19	.0	0		4	1	1
FOREST 3 S	89.9	64.2	77.1		96	9	57	12+	0	17	0	0	0	4.57		2.01	18	.0	0		3	3	2
JACKSON WBAP THOMP FLD	91.5	67.7	79.6	- 2.4	97	9	60	12	0	23	0	0	0	3.35	.02	2.91	18	.0	0		4	1	1
KOSCIUSKO	90.1	65.5	77.8	- 2.9	96	10	60	5	0	22	0	0	0	2.28	- .93	1.60	19	.0	0		3	1	1
LEXINGTON 2 NNW	90.6	63.8	77.2		97	9	53	12	0	21	0	0	0	3.32		2.45	19	.0	0		3	2	1
PELAHATCHIE	91.4	65.5	78.5		98	9	58	12	0	21	0	0	0	5.45		2.40	18	.0	0		6	3	2
PICKENS	91.5	65.1	78.3		98	9+	57	5	0	22	0	0	0	2.66		2.00	18	.0	0		3	1	1
WINONA 5 E	88.1	62.3	75.2		94	10	53	5	0	15	0	0	0	2.43		2.00	19	.0	0		3	1	1
DIVISION			77.8	- 2.7										3.50	.25			.0					
* * *																							
EAST CENTRAL 06																							
ABERDEEN	90.5	66.4	78.5	- 3.0	98	9	60	26+	0	18	0	0	0	1.58	- 1.50	1.06	19	.0	0		4	1	1
COLUMBUS	91.3	65.7	78.5	- 3.1	99	10	60	5	0	24	0	0	0	4.21	1.22	2.00	19	.0	0		6	2	2
HOUSTON 2 NE	89.8	63.2	76.5		97	10+	55	5	0	20	0	0	0	4.12		1.99	19	.0	0		4	3	2
KIPLING	89.5	64.3	76.9		95	9+	57	5	0	17	0	0	0	4.59		2.15	21	.0	0		4	2	2
LOUISVILLE	88.8	66.0	77.4	- 3.5	95	10+	60	6	0	18	0	0	0	2.37	- .99	1.22	19	.0	0		3	2	1
MACON 2 NE	90.8	66.7	78.8	- 3.2	99	10	58	29	0	22	0	0	0	5.05	1.74	3.45	19	.0	0		3	2	2
PHILADELPHIA 1 WSW	89.9	64.9M	77.4M		96	10	58	12+	0	19	0	0	0	4.30		2.00	19	.0	0		3	3	2
STATE UNIVERSITY	90.7	67.4	79.1	- 2.0	98	10+	62	30	0	23	0	0	0	2.98	- .15	1.54	19	.0	0		5	3	1
DIVISION			77.9	- 3.2										3.65	.45			.0					

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 105

CLIMATOLOGICAL DATA

Continued

MISSISSIPPI
AUGUST 1969

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
* * *																							
SOUTHWEST 07																							
ALLEN	92.9	66.4	79.7		98	16+	60	26+	0	25	0	0	0	2.95		1.57	22	.0	0		2	2	2
BROOKHAVEN	91.1	68.8	80.0	- 1.4	98	10	62	26	0	20	0	0	0	3.69	- .05	1.60	3	.0	0		4	3	2
CRYSTAL SPRINGS 4 NNE	92.3	65.2	78.8		99	10	57	26	0	25	0	0	0	2.12		1.01	18	.0	0		3	2	1
JACKSON 4 NW	90.8	69.0	79.9	- 1.4	96	18+	60	13	0	20	0	0	0	2.48	- .86	1.47	19	.0	0		3	2	1
LIBERTY 1 W	92.5	67.2	79.9		98	11	60	7	0	26	0	0	0	2.35		.90	16	.0	0		4	2	0
NATCHEZ	91.9	69.8	80.9	- 1.0	95	10	64	30+	0	28	0	0	0	1.36	- 2.50	.73	18	.0	0		4	1	0
PORT GIBSON 2 WSW	92.1	64.8	78.5	- 2.1	98	10	60	31+	0	24	0	0	0	3.50	- .37	1.60	19	.0	0		4	4	1
UTICA	91.5M	65.9M	78.7M	- 3.2	95	11+	56	12	0		0	0	0	2.47	- .77	1.32	18	.0	0		3	2	2
VICKSBURG MILITARY PK	91.9M	68.3M	80.1M		97	9	62	29+	0	25	0	0	0	2.80		2.38	18	.0	0		2	1	1
WOODVILLE 4 ESE	90.7	68.5	79.6		95	10	61	31	0	21	0	0	0	1.56		.95	18	.0	0		3	1	0
DIVISION			79.6	- 1.7										2.53	- 1.17			.0					
* * *																							
SOUTH CENTRAL 08																							
COLLINS	91.5	67.5	79.5		98	10	61	26	0	27	0	0	0	6.49	2.49	4.28	18	.0	0		5	3	1
COLUMBIA	92.0	67.6	79.8	- 2.2	99	10	61	26	0	25	0	0	0	11.38	7.01	4.90	18	.0	0		6	3	3
DLD	91.6	65.9	78.8		97	11+	59	26+	0	25	0	0	0	2.86		2.62	18	.0	0		2	1	1
MC COMB FAA AP	91.2	68.7	80.0		99	10	63	26	0	24	0	0	0	2.29		.76	18	.0	0		5	3	0
MONTICELLO	94.2	66.7	80.5	- .7	102	11	61	28+	0	28	0	0	0	3.47	- .37	2.76	18	.0	0		4	1	1
TYLERTOWN 2 WNW	91.5	68.1	79.8		97	10	63	26	0	25	0	0	0	3.47		1.90	18	.0	0		5	2	2
DIVISION			79.7	- 1.6										4.99	.73			.0					
* * *																							
SOUTHEAST 09																							
BAY SPRINGS	90.4	65.7	78.1		96	25+	60	13+	0	19	0	0	0	3.94		2.32	18	.0	0		5	3	1
HATTIESBURG	91.2M	68.8M	80.0M	- 1.3	98	11	62	27+	0		0	0	0					.0	0				
LAUREL	91.2	68.8	80.0	- 1.6	98	11	64	28+	0	24	0	0	0	3.70	- .39	2.30	18	.0	0		4	3	1
MERIDIAN WB AIRPORT R	89.6	66.6	78.1	- 3.1	95	10	59	26+	0	19	0	0	0	3.94	.40	1.92	18	.0	0		6	2	2
NEWTON EXP STATION	90.3	64.6	77.5		95	20+	56	13	0	17	0	0	0	3.15		2.44	18	.0	0		3	1	1
QUITMAN 1 N	89.9M	64.7M	77.3M		96	11	57	26+	0	18	0	0	0	2.78		1.85	18	.0	0		4	2	1
RICHTON 3 SSE	90.7	65.2	78.0		97	11	57	26+	0	21	0	0	0	7.84		3.23	18	.0	0		6	6	3
RUSSELL 2 WNW	89.1	66.2	77.7		94	20	60	26+	0	16	0	0	0	3.77		1.61	18	.0	0		7	2	2
STATE LINE	89.7	66.2	78.0		96	11	58	25	0	17	0	0	0	5.57		4.73	18	.0	0		4	1	1
WAYNESBORO 2 W	91.5M	65.6M	78.6M	- 2.0			57	26+	0	23	0	0	0	5.19		3.14	18	.0	0		5	3	1
DIVISION			78.3	- 2.7										4.43	.21			.0					
* * *																							
COASTAL 10																							
BAY SAINT LOUIS	M	M	M				71	31+			0	0	0					.0	0				
BILOXI CITY	89.5M	72.7M	81.1M	- .8	95	10	64	27	0	14	0	0	0					.0	0				
GULFPORT NAVAL CENTER																							
MERRILL	92.0	65.9	79.0		99	11	59	27+	0	26	0	0	0	8.10	2.44	4.94	18	.0	0		7	5	1
PASCAGOULA 2 ENE	91.1	75.5	83.3		94	28+	72	29+	0	26	0	0	0	11.22		4.64	17	.0	0		7	6	4
PICAYUNE	92.8M	70.8M	81.8M		98	10	66	27+	0	28	0	0	0	12.47		9.36	18	.0	0				
POPLARVILLE EXP STA	91.3M	69.4M	80.4M	- 1.0	96	10	64	14	0	27	0	0	0	9.32	3.62	4.91	18	.0	0		5	4	2
SAUCIER EXP FOREST	90.7	69.4	80.1		96	21+	64	26+	0	22	0	0	0	10.34		6.22	18	.0	0		5	4	2
WIGGINS 4 SE																							
DIVISION			81.0	- .5										10.29	4.35			.0					

EXTREMES

HIGHEST TEMPERATURE MONTICELLO	102	DATE	11
LOWEST TEMPERATURE BATESVILLE 2 SW	52	DATE	07
GREATEST TOTAL PRECIPITATION PICAYUNE	12.47		
LEAST TOTAL PRECIPITATION STONEVILLE EXP STA	.94		
GREATEST 1 DAY PRECIPITATION PICAYUNE	9.36	DATE	18

See Reference Notes Following Station Index

MISSISSIPPI - AUGUST 1969

SPECIAL WEATHER SUMMARY

A low pressure trough moved westward on August 5, 1969, off the Abyssinian Plateau of East Africa, the birthplace of nearly all of the great tropical storms of the Western Hemisphere. Then a journey of thousands of miles, until on August 13 a tropical wave extended from the eastern Bahamas southward through the Windward Passage into the Caribbean. It lay in a hot, moist region. On the morning of the 14th, a Navy hurricane reconnaissance pilot, Lt. Michael Drew, headed to the Caribbean. Soon there before his eyes was a tropical storm. Dark rain bands circled, forming the wall of an eye. This was a closed low pressure center (pressure 999 mb., 29.50 inches) at latitude 19.1° North, longitude 81.7° West. An announcement of its birth and name, Camille, was made by the National Hurricane Center, Coral Gables, Florida, in its "Advisory No. 1" message, issued 11 a.m., c.s.t., August 14, 1969, which then located the storm about 60 miles west of Grand Cayman Island with strongest winds about 60 m.p.h. over a very small area. The storm pressure lowered, the winds increased and on the 15th had reached hurricane intensity by 7 a. m. , c.s.t., when the center was about 75 miles to the southeast of extreme southwestern Cuba. The low-lying south coast of Cuba was evacuated. Hurricane CAMILLE crossed the extreme western tip of Cuba and sent floodwaters cascading down the mountainsides. It continued on into the Gulf of Mexico. During portions of its journey, the eye of Camille was detected by various land-based radars. The one at Pensacola noted it on August 17 at 6:20 a.m., c.s.t. Camille's eye was then observed by radar from Pensacola and/or from New Orleans, La. and/or Jackson, Miss. The last aircraft penetration of the hurricane was later on the 17th (Sunday) when Air Force hurricane reconnaissance pilot, Captain Marvin A. Little, and his crew found a pressure of 901 mb. (26.61 inches) at the core and spinning around the wall of the eye were winds whose highest surface speed was estimated to be 190 m.p.h. Hurricane-force winds were reported outward 60 miles from the center, and gales an additional 120 miles. At 2 p.m., c.s.t., the center was about 120 miles southeast of New Orleans. The storm moved generally north-northwestward with the center passing east of the mouth of the Mississippi River, across Breton Sound, and into the Mississippi Sound.

The hurricane crossed the Mississippi coast around 9:50 to 10:20 p.m., c.s.t., over the towns of Clermont Harbor, Waveland, and Bay St. Louis. Mr. Charles A. Breath, Jr., Bay St. Louis, noted an aneroid barometer pressure of 26.85 inches at a location several blocks from the west end of U. S. Highway 90 Bridge - when the eastern edge of the eye passed over. People near the center of the eye reported that its passage lasted 30 minutes or so. About 12 miles southeast of Picayune, a micro-barograph recorded rapidly falling pressure and at 11:15 p.m., c.s.t., showed 28.06 inches, then "within a matter of only a few minutes pressure rapidly began rising." Camille filling in and weakening as it passed over land, continued to move generally north-northwestward. On the 18th, at Columbia, Mr. James A. Thornhill noted his aneroid barometer leveled at 28.29 inches m.s.l. at 2:08 a.m., c.s.t., winds decreased rapidly and at 2:20 a.m., c.s.t., he recorded an "occasional star visible," broken to overcast skies. He told the local newspaper that the eye seemed to be 8 or 10 miles in diameter, Columbia in the western part, with the center to the east. At 2:40 a.m., c.s.t., the relatively calm period ended, as Camille headed further north. The hurricane center passed about 10 miles to the east of the Jackson Municipal Airport where winds gusted to 67 m.p.h. from the ENE at 6:14 a.m., c.s.t., and its lowest sea-level pressure of record, 28.94 inches m.s.l., occurred at 6:56 a.m., c.s.t. There, the radar discerned the eye first over the Gulf of Mexico, (south of Gulfport), watched its approach and travel to the north of Greenwood, then the eye became indistinguishable in southern Quitman County. Camille became an extratropical depression before reaching the northern Mississippi border. The storm continued northward, then north-northeasterly, crossing western Tennessee Monday night (18th). The next few days the remnants of Camille moved eastward. Torrential rains fell over the Appalacians, then Camille moved off the Atlantic coast and on August 22 lost identity as an extratropical storm merging with a frontal system some 175 miles southeast of Cape Race, Newfoundland.

Some hurricane preparations and measures for evacuation in advance of the storm began in coastal Mississippi on August 16 and was accelerated on the 17th. Thousands of the residents and visitors to the Mississippi Gulf Coast moved inland, in particular those in the low-lying areas of Hancock, Harrison, and Jackson Counties, who sought places with higher elevations. The evacuation started for some on Saturday the 16th, and it swelled to a torrent on Sunday, the 17th, clogging the highways at times. Afterwards, Mississippi's Lt. Gov. Charles Sullivan said the two 4-lane roads, Interstate 59 to Meridian and Highway 49 from Gulfport to Jackson, were responsible for many coast residents being able to flee to safety before the full force of Camille struck. Merchants taped up their windows and made other preparations. The Gulf Coast Railroads discontinued operations and moved all equipment inland. The charter fishing boats and other boats moved up into the inland rivers. Birds went inland to interior Mississippi or

SPECIAL WEATHER SUMMARY - Continued

further and sea gulls were reported in the Ohio Valley near Louisville, Ky. Civil Defense, police, radio, television, newspapers, and other agencies helped to prepare for a hurricane. On the 17th they helped to spread the warning that evacuation of the low-lying areas that would be affected by high tides should be done as early as possible (before escape routes closed). Civil Defense estimated over 150,000 people moved to locations higher or more sturdy than their homes. Some went to nearby locations, a few of which had to be reevacuated during the hurricane; others moved away from the Gulf Coast counties, some to Hattiesburg and Jackson or further inland. Evacuation shelters and other facilities had to be provided for about 40,000 refuges. The Red Cross said that it had established 341 evacuation shelters in the storm area with over 21,000 persons reported in them.

As the center of Camille approached Mississippi the Gulf waters rose, the winds increased. There was progressive power and communications failures. Some roads became impassable Sunday night being covered with fallen trees, water, etc. Long before the center reached land, the winds whipped down power, telephone, and other wires along the Gulf Coast strip, putting the coast under virtual blackout conditions. Water sloshed over much of Highway 90 along the coast, and invaded every low-lying structure, whether commercial or residential; roofs were off at a number of places. There are no confirmed readings of the top wind velocities measured near or where the eye of Camille crossed the Mississippi coastline. The strongest winds were around the perimeter of the eye. To either side the force of the wind diminished, but less rapidly in the northeast quadrant than elsewhere. In the sections with the highest winds, the wind instruments were destroyed or damaged so that the peak velocity was not measured. It has been estimated that gusts of at least 190 m.p.h. hit the Bay St. Louis area; that top gusts of 150 m.p.h. or more raked Mississippi along the coast from west of Ansley, Hancock County, eastward to near Biloxi, Harrison County and inland north to central Pearl River County (Poplarville); that top gusts of 100 m.p.h. or more extended eastward in Mississippi into Jackson County near the West Pascagoula River, northward about 100 miles inland into Jefferson Davis County (Prentiss), and westward into the the eastern part of Walthall County. (See map following narrative summary).

In Mississippi Sound, beyond the Intracoastal Waterways Channel, there are some islands about 7 to 12 miles from the Mississippi coast. Storms and high winds constantly changed their area. Camille washed some dead animals from those islands to the Mississippi coastal beaches. The shape and size of some islands were affected. Privately owned Cat Island, highest elevation 17 feet, (south of Long Beach), formerly was shaped like a three petal flower, now the south petal is gone, just washed away. From the air one can see the sand still there, under the water's surface, but it no longer shows above water to add to the island's size. Some canals and a summer home had been built on the island. Nathan V. Boddie of Gulfport, part-owner of the island said "The construction on Cat Island was built based on the 100-year hurricane forecast and was damaged less than 15 percent by the worst hurricane ever recorded." Ship Island, highest elevation 20 feet, (south of Mississippi City) was in one piece, about 9 miles before Camille, with Fort Massachusetts at the northwest "corner". Now the Fort has hardly a connection with the island, much of the revetment placed around it over a year ago was washed away. Two gaping holes were cut through Ship Island, one nearly a mile wide and the other upwards of three miles wide. Depth of the water in the cuts runs several feet, providing enough clearance for boats of fishing size to go through and take a shortcut south.

At Gulfport three large freighters were beached in the wake of Camille and are aground about 100 yards south of U. S. Highway 90. One of them before the storm had a forward draft of 15 feet 3 inches and an aft draft of 17 feet 7 inches. On the 17th at 1 p.m., c.s.t., NNE winds Beaufort 4 (13-18 m.p.h.), pressure 29.73 were logged on the 445-foot Victory-class ship "Alamo Victory". Winds rose and the pressure fell. ENE winds were recorded on the ship from 7 to 10 p.m., c.s.t. From a newspaper account, George Clarke, a port mate aboard the ship noted at 7:30 p.m., c.s.t., the winds had suddenly reached a hurricane intensity (74 m.p.h. and over) of up to 95 m.p.h. These are estimated wind speeds. By 10 p.m., c.s.t., Clarke was noting steady winds estimated better than 180 m.p.h. with gusts up to nearly 200 m.p.h. He could see Gulfport warehouses, a seafood processing plant and other waterfront structures being swept away. The pier to which the ship was moored was under water; also moored to the same pier were the nearby freighters Hulde and Silver Hawk. Each of these 3 ships had a crew of between 30 and 40 men. At 10:17 p.m., c.s.t., one ship's lines had parted, seconds later it hit the stern of the Alamo Victory; at 10:20 p.m. Clarke wrote "Our vessel obviously aground forward." A few minutes later the third ship was torn loose, and rammed the other two for almost an hour. The lowest of the hourly pressure readings was 28.60 inches at 10 p.m. c.s.t. SSE winds were recorded on board the ship from 11 p.m. the 17th to 3 a.m., c.s.t., the 18th. After the tide had peaked at some 20 feet above

SPECIAL WEATHER SUMMARY - Continued

normal, Clarke reported a gradual diminishing of the storm's fury and by 2 a.m., c.s.t., he noted winds of 80 to 90 m.p.h. Winds continued to diminish, and SW winds were recorded on board the ship at 5 a.m., c.s.t.

The hurricane ripped a swath of destruction along the entire length of the coast often up to 3 or 4 blocks inland. Generally, the damage further inland gradually appeared lessened but it, too, was tremendous, especially in the residential areas of West Gulfport and the Biloxi suburb of D'Iberville. In low areas, the rows of houses stop a block or two from the beach where a "fence" of debris appears. Below the "fence" towards the Gulf, there are bare foundations. Throughout the area from Pascagoula to Pass Christian and, to a lesser degree further east and west, piles of lumber, building materials and trees are jammed together where they were left by tides. In some cases, the piles of debris extend for more than a block square. Highway 90, the main thoroughfare through the populous section was blocked in a number of sections and covered with so much sand that it looked in places like a second beach. In a few places the roadway itself had been damaged. The Mississippi State Highway Department reported that about one-third of the Bay St. Louis Bridge was damaged when tides lifted the span off its supports, also one-half of the Biloxi - Ocean Springs Bridge was damaged in a similar manner; approximately 16 miles of eastbound 2-lanes of U. S. 90 between the Bay St. Louis Bridge and Gulfport were torn up, the westbound lanes suffered less damage. The Army Corps of Engineers indicated that to make some 530 miles of streets and roads passable, about 100,000 tons of debris were cleared away. Mr. M. James Stevens, Vice-President of the Mississippi Restaurant Association, reported that the Coast's resort industry suffered the worst disaster of any similar recreation area in the world. Along U. S. Highway 90, Biloxi eastward 28 miles, all of the 60 or more resort properties suffered damage with half completely destroyed. Properties on high knolls fronting the beach weathered the winds and the tidal waves when they were approximately 20 feet or higher above sea level. Many properties built at 10 feet or lower levels were crushed. Harbors were destroyed except for the marina at Broadwater Beach Hotel. Ante-bellum homes, such as historic Beauvoir, built on posts with breezeways originally under them came through with light damage. Out of 55 food establishments from Biloxi to Henderson Point all but 4 or 5 were completely destroyed. It appears that 1600 - 1700 rooms were destroyed, roughly 43 percent of the beachside facilities.

In Hancock County, most of the residents lived in low-lying areas and along the county's 20-mile strip of beach. In the hamlets of Lakeshore, Clermont Park, Pearlington, Ansley, and the Cedar Point section of Bay St. Louis, Sheriff Fred Curet said destruction was almost complete. Tidal waves of 15 feet and higher cracked into the beach homes, demolishing most into stacks of driftwood. At Bay St. Louis, Coroner Emile J. Piazza said the town had 95 percent of its homes ripped by wind and water. Mrs. Darrell Favre lived on the Jordan River in the Bay St. Louis area. Her family weathered the storm in the residence of a relative who lived on higher ground. Mrs. Favre said that when Camille hit the air-pressure was incredible; that one felt it against the ears in the same manner as when testing the rockets was underway at the NASA facility in Hancock County. An inquiry there indicated that the noise level of the wind during Camille reached about 120 decibels while the sound of a rocket engine is about 124 decibels. At the Mississippi Test Facility, southeast of Picayune, some 1,600 refugees took shelter Sunday night (17th). Some 800 were still there Wednesday (20th) because their homes had been destroyed. The high winds and water knocked down some overhead powerlines and underground lines were flooded. There was a power failure at the test facility and emergency generators were put into use. The Mississippi Test Facilities suspended operations Monday and resumed Tuesday the 19th.

In Pearl River County there was an estimate of $35-40 million loss from damage to homes, commercial buildings, schools, roads, streets, power and telephone lines, farms, crops, barns, timber, and clean-up costs. The County Agent said that about 85 percent or more of the dairy barns in the county were either badly damaged or were a complete loss. About 35-40 thousand acres of bearing tung trees were broken into bits and strewn on the ground. A tremendous additional loss was in timber; merchantable trees were snapped off and blown over. Heavy damage was inflicted on pecan trees and pecans. Damage to property in Picayune was said to be light, being considerably heavier in Poplarville, the county seat, where the mayor estimated that 90 percent of the homes sustained damage in varying degrees. Most of the building damages were reported due to rain coming through after roof damage from the winds.

There was electric power failure throughout the area of about 14 counties from the three Gulf Coast counties to as far north as Simpson. Other nearby counties and those further along the path of Camille had some power failure or interruptions to service. In some sections the power failure lasted for a number of days. The Mississippi Power Co. President, A. J. Watson, Jr., said "The widespread damage sustained by the entire electric system from Pascagoula to Bay St. Louis and as far north as

SPECIAL WEATHER SUMMARY - Continued

Hattiesburg, Laurel, and Meridian is unprecedented in the 45-year history of Mississippi Power Co. ...certain areas were inundated, others are still (21st) inaccessible because of fallen trees and debris." The South Mississippi Power Co. noted it had "... to almost completely rebuild our distribution system, and the transmission network is damaged badly...." Their entire 22,050 miles of powerlines affecting 14,500 customers was put out of service. The Electric Power Association of Mississippi noted that six of its members serving approximately 100,000 customers in southeast Mississippi had nearly 21,000 miles of electric lines damaged or on the ground. The U. S. Rural Electrification Administration has authorized emergency loans to some of the Association's members.

Camille's effect on telephone service was devastating. South Central Bell Telephone Co. reported that well over 100,000 telephones were out of service in Mississippi - about 15 percent of the total.

In the Gulf Coast area approximately two-thirds of its telephones and over half of its long distance circuits were out of service. However, C. L. Lott, Vice-President and General Manager for South Central Bell in Mississippi, stated at no time was contact lost with the Gulf Coast due to a long distance diversification plan which rerouted long distance calls. Lott continued, that although "the 200-mile winds were the greatest forces ever encountered by our microwave systems, the microwave towers remained intact, keeping our radio relay routes in service." Within a week, the Gulf Coast area received 716 tons of emergency communications supplies from New Orleans, La. (cable, wire, hardware, telephone sets, vital communications equipment, etc.). On the 26th two portable microwave systems were being established to furnish additional long distance circuits. John M. Hemphill, District Engineer, reported that more than 94,000 miles of wire were laid in the Coast area during the 2 weeks following Camille, just to replace wires knocked out by the storm.

The Division of Forest Pest Control, U. S. Forest Service, made an aerial survey August 20-26, 1969, over a 14-county area in southern Mississippi (gross area 3.8 million acres) which revealed that 1,854,446 acres of commercial forest land in 12 counties received varying degrees of damage. Hardwood forests in areas of heavy damage were almost completely defoliated by severe winds. The Forest Service estimates damage to Mississippi sawtimber at 1.8 billion board feet and to pulpwood nearly 1.4 million cords.

During the period of damaging winds, most people away from where the eye passed generally reported wind directions as gradually changing (over a period of hours) and wind speeds fairly steadily increasing up to a sustained maximum with occasional higher gusts. Then the winds diminished but usually at a slower rate than at which they had increased while the direction showed a fairly gradual change. Where the eye passed over there was a sudden change to an intervening relatively calm period (when some stars were visible at night), then after the calm the winds abruptly picked up to a sustained maximum but coming from the opposite direction or from another quadrant. These changes in wind direction would cause debris to fall in different directions dependent upon the time and the location of the center of the storm. There has been speculation by a few that some of the extreme wind velocities might have been due to the extreme high speed whirling winds such as associated with a rapidly rotating tornado vortex which perhaps might have now and then fluttered down from the advancing wall of thunderclouds associated with the hurricane. Studies are now in progress of initial surveys (aerial photographs, etc.) to locate if possible wind damage that could not be attributed to the hurricane, but at the moment we do not have proof positive of such occurrence in Mississippi.

The Office of Emergency Preparedness reported that the losses in Mississippi due to Camille were $750 million to privately owned property and $200 million to roads, bridges, port structures and other public facilities. The Coast Guard reported every buoy between New Orleans and Mobile was off station and that almost all navigational aids had been lost. It is understood that maximum water-surface elevations offshore were determined to be between 15 and 16 feet from floodmarks on Cat and Ship Islands, etc. In Mississippi there was more than 200 square miles of land inundated by the hurricane and the higher flood levels onshore were the result of runup. The land flooded by Hurricane Camille from near the mouth of the Pearl River eastward to Bayou La Batre, Ala. is shown on 15 maps to a scale of 1 inch equals 2,000 feet. Printed copies will likely become available in November 1969. Inquiries regarding these maps should be sent to the U. S. Geological Survey, Washington, D. C. 20242. Most of the deaths due to Camille have been in the inundated area and the death list has been slowly climbing as new bodies have been found or injured persons pass away. Extracts from some Red Cross Reports follow this summary.

Precipitation during the first half of August 1969 at Mississippi stations was none or confined to widely scattered shower activity. Amounts

SPECIAL WEATHER SUMMARY - Continued

in those showers were mostly less than one-quarter inch, but Pascagoula measured 1.78 inches on the 3d and Columbia measured 1.83 inches on the 11th. Rains in advance of hurricane Camille moved into the State on the 17th and spread northward across the State on the 18th. Amounts were exceptionally heavy over the extreme southern part of the State, with the heaviest rainfall confined to the immediate gulf coast area. However, some rain gages and weather-recording instruments were destroyed by Camille. A new state record for the month of August for the greatest one-day rainfall was established at Picayune on the 18th when 9.36 inches was measured there. For record 1888-1969 amounts in other divisions see the table at the end of this article. Elsewhere over the State rainfall amounts generally of 1 to 5 inches were reported. Much of the rain fell over a 24- to 36-hour period, and was rapidly absorbed by the soil which was exceptionally dry. Rivers over the State showed only minor fluctuations from this general rain; no flash flooding was reported. Most places reported none or little rain from the 24th on. The highest of the monthly totals of rainfall failed to set any new records for the division the stations were in. For record 1888-1969 monthly total rainfalls by divisions see the table at the end of this article. The rains from Camille were a major factor in establishing a new 1931-1969 divisional high value of the August average rainfall for the Coastal Division.

The Mississippi State Forester, Wendell D. Lack, reported timber damage from 254 woods fires in August 1969. This was the highest for August since 1962. He attributed the rate of forest and brushfires to widespread spring and summer drought conditions. A previous 5-year mean number of fires during August was 55, according to the Mississippi Forestry Commission Records. Forester Lack warned that where Camille hit "The wind damaged forests in Southeast, and portions of South Central, Mississippi could easily become a holocaust if our people living in and traveling through those areas are not extremely careful with fire."

The Mississippi Crop and Livestock Reporting Service noted that towards the end of the month the soil moisture was reported as short to adequate in west-central and southwestern counties, while other areas reported adequate supplies. In many areas of the State, especially in the Coastal areas, farmers suffered extensive damage from hurricane Camille. Salvage and clean-up operations were widespread at the end of the month. Some comments from County Agents follows: Copiah County: "Some relief to pastures with moisture from hurricane Camille - but drought still persists." Marion County: "Chain saws running full blast harvesting timber blown down by Camille." Jefferson Davis County: "The extreme drought followed by Camille just about put us out of the farming business for 1969." Wayne County: "Storm damage to cotton very heavy - cotton is blown and tangled - will make harvesting with machine very difficult." Leake County: "Much of the cotton was blown down by winds from hurricane."

Additional August 1969 weather information can be found in "Mississippi Weather Crop Report" (weekly, USDA Jackson, Miss.), in Environmental Science Services (ESSA) publications listed in "Reference Notes" of this issue, and in "Weekly Weather & Crop Report" (Washington, D. C.).

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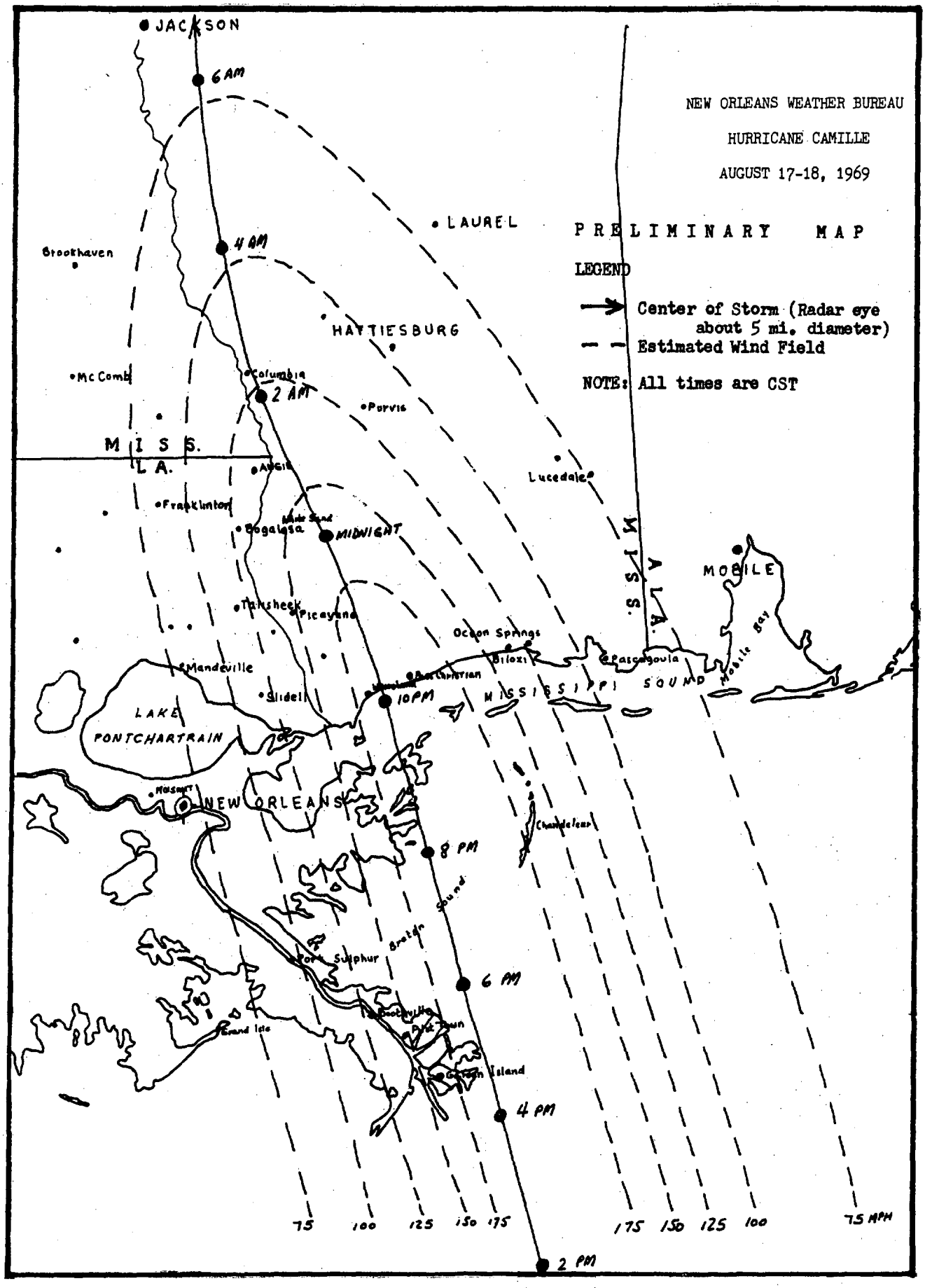
Weather Bureau Airport Station
Jackson, Mississippi 39208


NEW ORLEANS WEATHER BUREAU
HURRICANE CAMILLE
AUGUST 17-18, 1969
PRELIMINARY MAP
LEGEND
Center of Storm (Radar eye about 5 mi. diameter)
Estimated Wind Field
NOTE: All times are CST
JACKSON
LAUREL
HATTIESBURG
Brookhaven
McComb
Columbia
Purvis
MISS.
LA.
Angie
Franklinton
Bogalusa
MIDNIGHT
Lucedale
MISSISSIPPI
ALA.
MOBILE
Mobile Bay
Tylisheck
Picayune
Ocean Springs
Biloxi
Pascagoula
Mandeville
Slidell
10PM
MISSISSIPPI SOUND
LAKE PONTCHARTRAIN
Metairie
NEW ORLEANS
Chandeleur
8 PM
Pass Sound
Port Sulphur
Breton
6 PM
Grand Isle
Pilot Town
Chandeleur Island
4 PM
75
100
125
150
175
175
150
125
100
75 MPH
2 PM

TENTATIVE DIVISIONAL RECORDS

GREATEST AUGUST ONE-DAY PRECIPITATION (INCHES) 1888-1969					GREATEST AUGUST TOTAL PRECIPITATION (INCHES) 1888-1969				
DIVISION	AMOUNT	DATE	ELEV.	STATION	COUNTY	AMOUNT	YEAR	ELEV.	STATION	COUNTY
UPPER DELTA	5.13	1902	200	AUSTIN	TUNICA	9.98	1914	143	ROSEDALE	BOLIVAR
NORTH CENTRAL	5.60	1914	194	GRENADA	GRENADA	14.11	1888	....	HOLLY SPRINGS	MARSHALL
NORTHEAST	7.35	1961	350	FULTON	ITAWAMBA	11.01	1961	350	FULTON	ITAWAMBA
LOWER DELTA	6.20	1942	116	YAZOO CITY	YAZOO	10.39	1888	126	GREENVILLE	WASHINGTON
CENTRAL	6.61	1942	228	CANTON	MADISON	14.17	1942	266	DURANT	HOLMES
EAST CENTRAL	7.50	1888	210	ABERDEEN	MONROE	14.13	1901	561	LOUISVILLE	WINSTON
SOUTHWEST	6.30	1908	287	JACKSON	HINDS	16.58	1960	234	VICKSBURG	WARREN
SOUTH CENTRAL	8.91	1953	392	TYLERTOWN	WALTHALL	15.60	1897	415	MAGNOLIA	PIKE
SOUTHEAST	5.62	1942	304	FRUITLAND	FORREST	15.57	1897	105	LEAKESVILLE	GREENE
COASTAL	9.36	1969	50	PICAYUNE	PEARL RIVER	19.08	1888	....	BILOXI	HARRISON

FOR ADDITIONAL GREATEST ONE-DAY AMOUNTS AND GREATEST MONTHLY TOTALS, SEE PAGE 42 OF APRIL 1969 ISSUE.
.... DATA NOT AVAILABLE.

PERCENTAGE OF NORMAL (1931-1960) PRECIPITATION

DIVISIONAL COMPARISONS (JANUARY 1931 - AUGUST 1969)

MOST RECENT OCCURRENCE WHEN THE SAME OR ----

DIVISION	PRECIPITATION: AUGUST 1969	SUMMER 1969	JAN-AUG 1969	WETTER THAN AUGUST 1969		WETTER THAN SUMMER 1969		WETTER THAN JAN-AUG 1969		TEMPERATURE: COLDER THAN AUGUST 1969		WARMER THAN SUMMER 1969		WARMER THAN JAN-AUG 1969	
				YEAR	AMT	YEAR	AMT	YEAR	AMT	YEAR	TEMP	YEAR	TEMP	YEAR	TEMP
UPPER DELTA	129	85	86	1964	3.53	1964	8.75	1968	36.54	1967	76.3	1965	80.5	1967	64.2
NORTH CENTRAL	166	94	92	1967	5.29	1967	15.92	1968	35.62	1967	74.5	1960	79.3	1967	62.8
NORTHEAST	121	91	102	1967	5.37	1967	17.07	1964	44.78	1967	74.4	1968	78.5	1967	62.8
LOWER DELTA	72	77	78	1968	3.06	1968	10.71	1968	43.55	1967	76.9	1962	81.1	1967	65.2
CENTRAL	108	87	84	1968	3.77	1967	13.02	1968	38.96	1967	76.0	1962	80.5	1967	64.5
EAST CENTRAL	114	84	96	1968	4.86	1968	15.09	1968	41.05	1967	75.2	1962	79.9	1967	64.0
SOUTHWEST	68	77	81	1968	4.66	1968	12.60	1968	36.12	1967	77.5	1963	80.5	1967	66.6
SOUTH CENTRAL	117	77	85	1968	5.71	1968	13.01	1966	47.53	1967	77.8	1963	80.9	1967	66.7
SOUTHEAST	105	82	87	1968	5.20	1967	15.58	1966	45.30	1967	76.6	1963	80.4	1967	65.9
COASTAL	164	109	106	---		1961	21.35	1964	50.23	1967	78.9	1954	82.1	1967	68.6

---BEFORE 1931; A NEW EXTREME FOR DATA SINCE JANUARY 1931.
DATA UNDERLINED WERE EXTREMES DURING JAN. 1931 - AUG. 1969.
SUMMER IS JUNE, JULY, AND AUGUST.
FOR OTHER PERCENTAGE VALUES AND DIVISIONAL COMPARISONS SEE PAGE 83, JULY 1969 ISSUE.

EXTRACT FROM RED CROSS DAMAGE REPORT - HURRICANE CAMILLE - MISSISSIPPI

AUGUST 17 - 18 1969

	PERSONS: DEATHS	INJURED	DESTROYED AND MAJOR DAMAGED: DWELLINGS	TRAILERS	FARM BUILDINGS	BOATS	FAMILIES WITH LOSS
MISSISSIPPI	137	5,237	15,991	809	2,887	76	64,154
HANCOCK COUNTY	12	2,095	2,377	162	123	25	4,375
HARRISON COUNTY	119	2,110	11,568	322	82	25	45,000
JACKSON COUNTY	5	76	600	106	89	26	2,900
PEARL RIVER COUNTY	1	37	549	58	213	0	2,110
JEFFERSON DAVIS COUNTY	0	3	260	11	275	0	2,500
MARION COUNTY	0	0	387	10	275	0	2,725
SOUTH CENTRAL AREA *	0	916	234	132	1,729	0	3,437

* INCLUDES FORREST, COVINGTON, LAMAR, PERRY, AND STONE COUNTIES.

DAILY PRECIPITATION

MISSISSIPPI
AUGUST 1969

Station	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
		Day of Month																														
* * *																																
UPPER DELTA 01																																
CHARLESTON	4.46																		.17	2.57		1.20	.52									
CLARKSDALE	1.95																.08	.55		1.28		T	.04									
CLEVELAND	1.86																T	T		.80			1.06									
LAMBERT 5 E	4.26																	1.10		2.13		.93	.10									
ROSEDALE	2.47																.14	.60	T	.96			.76		.01							
SCOTT	1.77																.06	.15	.48	.73			.35	T								
SLEDGE	4.45																.15	1.30		2.00			.80									
SWAN LAKE	4.05			T												.07		.20	.11	1.72	.51		1.44									
TUNICA 2	5.95										T						T	1.60	.10	2.40		.25	1.60	T								
VANCE	4.07																	T		1.90	T	.83	1.34									
* * *																																
NORTH CENTRAL 02																																
ABBEVILLE	4.24										.15									2.78		.78	.53									
ARKABUTLA DAM	6.23			T							.33						.27	1.71	.15	2.07		.48	1.22									
ASHLAND	6.85			.82							.85							.95		3.47		.42	.34									
BATESVILLE 2 SW	4.01																			2.64		1.01	.36									
BRUCE	3.74			.74													T		T	1.61	.54	.12	.73									
BYHALIA	6.08			.57														.60		3.41			1.50									
CALHOUN CITY	2.70										.05								.05	1.35	.85	.20										
COFFEEVILLE	3.43			.15													T	T	.12	2.04	.02	.27	.83	T								
ELLIOTT	2.68																T		.05	1.81	.07	.26	.49	T								
ENID DAM	4.75																.04	1.29	.06	2.38		.47	.31	T								
GRENADA	3.81																		.09	1.90	.40	1.04	.38									
HERNANDO	6.68										.20						.14	1.09	.12	2.48		1.08	1.57									
HICKORY FLAT 1 W	6.20										.28					.06	.28	.08		4.00		.30	1.00									
HOLCOMB	4.71																		.10	2.69	.72	.90	.30									
HOLLY SPRINGS 4 N	8.13			.69							.71						.07	.81		3.78		.30	1.77	T								
INDEPENDENCE 3 N	8.74										.46						.40	1.22		3.17		2.46	1.03									
LAFAYETTE SPRINGS	5.18			.54														1.65	.04	2.54		.13	.26									
LAKE CORMORANT 1 W	5.08										.16						.02	.89	.04	2.00		.03	1.92									
MOUNT PLEASANT	8.43			.85							.80							.56		4.20		.94	1.08									
PLEASANT HILL	4.90																.21	.50	.25	2.20		.36	1.38									
SARAH	7.50																T	2.37		2.64		.37	2.12									
SARDIS DAM	4.09																.03	.06		2.88		T	1.12									
SENATOBIA	6.09			T							.36						.54	.35	.09	3.18		.04	1.51	.01								
UNIVERSITY	3.39										.01						T	.19	T	2.10		.37	.72									
WATER VALLEY 1 NNE	2.34										.03						.05		.08	2.09	.09											
* * *																																
NORTHEAST 03																																
BALDWYN	3.48										.49							.43		1.82			.74									
BOONEVILLE	3.86			.57							.89								.10	2.13	.14		.03									
CORINTH 5 WSW	6.87										1.00	1.00					.45		1.52	2.50	.44	.15										
FULTON 3 W	2.28										.52								.02	1.59			.10								.05	
NEW ALBANY	3.37										.20							.61		2.25		.03	.28									
PONTOTOC	2.82			.05													.07	.29		1.96			.45									
PONTOTOC EXP STA	3.16										.07				.04		.22	.06		2.14			.63									
RIPLEY	4.53			.29							.51						T	.34		1.95		1.05	.39									
TUPELO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUPELO 2 WNW	2.61										.31						T		1.13	.38	.68	.08	T								.03	
* * *																																
LOWER DELTA 04																																
BELZONI	1.22																		.20	.90			.12									
GERMANIA	1.27																		.65	.57			.05									
GREENVILLE	1.13																	.15	.13	.83												
GREENVILLE 8 SW	1.03																		.01	1.02												
GREENWOOD	3.61																		.10	1.48			2.03									
GREENWOOD FAA AP	4.52																		1.98		T	1.65		T							.89	
HOLLY BLUFF	2.29																		.44	.94			.91									
MINTER CITY	2.48																	.09		1.71			.68									
MOORHEAD	1.41																		.17	1.01			.22	.01								
NITTA YUMA	1.20																		.40	.80												
ONWARD	1.30																		.47	.83												
ROLLING FORK	.95																		.25	.70												
STONEVILLE EXP STA	.94																		.13	.81			T									
YAZOO CITY 5 NNE	3.68																	.02	2.19	T		.05									1.42	
* * *																																
CENTRAL 05																																
ACKERMAN	4.00																		.60	1.70		1.55	.15									
BLACK HAWK	3.61																		2.33	.16		1.02									.10	
CANTON	2.85		T																.80	2.00	T		.05	T	T	T						
CARROLLTON 1 SSW	3.49																			2.08		.65	.76									
CARTHAGE	3.36			.12															.85	2.03	.14		.12		.10							
DANCY	4.61																		.45	1.65	.47	.66	1.38									
EDINBURG	5.53																		.58	2.20			2.75							T		
EUPORA 1 E	2.71																		.47	1.69		.41	.14	T								
FOREST 3 S	4.57																		2.01	1.90	.60	.03		.03								
GOSHEN SPRINGS 2 NNE	3.28																		2.45	.62			.21									
JACKSON WBAP THOMP FLD	3.35	.20	T												.10			.01	2.91												.13	
KOSCIUSKO	2.28																		.30	1.60		.08	.30									
LEXINGTON 2 NNW	3.32																.07		.20	2.45			.60									
OFAHOMA	4.20																			3.16			.17								.87	
PELAHATCHIE	5.45		.16	.25															2.40	.92	1.40	.03	.29									
PICKENS	2.66																		2.00			.27									.39	
VAIDEN 1 SSW	3.82																.02		.30	2.47		T	1.02	.01	T							
WALNUT GROVE	3.89																		2.00	1.75		.03	.11								T	
WINONA 5 E	2.43										T						.05		.19	2.00		T	.19	T								
* * *																																
EAST CENTRAL 06																																
ABERDEEN	1.58										.27								.10	1.06		.15										
BLUFF LAKE	4.00										.02								1.03	.83		2.00	.12									
BROOKSVILLE EXP STA	2.64										.32				.04	.09			.67	1.10	.24	.18										
COLUMBUS	4.21										.25				.08	.07			.41	2.00	1.02	.26	.12									
CRAWFORD 5 WSW	2.73															T	.70		1.38			.54	.09							.02		
GHOLSON 8 W	5.36																		.23	4.01		.94	.14	.04								
HOUSTON 2 NE	4.12										.02						.31		.07	1.99		1.15	.58									
KIPLING	4.59		T	.05										.20	.05				1.76		.08	2.15	.03								.27	
LOUISVILLE	2.37																		.82	1.22		.28	.05									
MACON 2 NE	5.05														.10	.05			1.45	3.45			T	T								
OKOLONA	2.72										T								1.96	.54	.06	.13									.03	
PHILADELPHIA 1 WSW	4.30																		1.70	2.00			.60								T	
SHUQUALAK	4.43			.28											.14				1.07	1.38		.65	.91									
STATE UNIVERSITY	2.98										.11								.55	1.54		.56	.22									
TIBBEE	3.92															.60			.38	1.41	.10	1.20	.23									
VAN VLEET	3.27			.02						.02						.04			*	2.28		.50									.41	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	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
* * * SOUTHWEST 07																																
ALCORN A AND M COLLEGE	1.83																		.73	.79			.31									
ALLEN	2.95																	.08	1.20	.05			1.57	T								.05
BROOKHAVEN	3.69			1.60															1.16	.69			T	.24	T	T						
CENTREVILLE 4 ESE	3.04		.82									.02							1.03	.04				1.13	T							
CLINTON EXP STATION	2.10			T															.97	.93	.04	.13			.03							
CRYSTAL SPRINGS 4 NNE	2.12			.33															1.01	.78					T							
JACKSON 4 NW	2.48																		.79	1.47	.22										T	
LIBERTY 1 W	2.35																.90		.68	.27	.06			.44								
NATCHEZ	1.36																	.31	.73				.16									.16
OAKLEY EXP STATION	1.41																		.45	.95	.01											
PORT GIBSON 2 WSW	3.50																		.66	1.60		.62	.01	.60	.01							
ROCKPORT	2.44			.12															2.00	.32												
UTICA	2.47																		1.32	1.03	.12											
VICKSBURG MILITARY PK	2.80																		2.38			.02										.40
WOODVILLE 4 ESE	1.56											T						T	.95	.03		.25	T	.33								
* * * SOUTH CENTRAL 08																																
COLLINS	6.49			.19															4.28	.35			.73	.94								
COLUMBIA	11.38											1.83							4.90	.11	.77		3.22	.55								
OLD	2.86																		2.62	.21					.03	T						
MC COMB FAA AP	2.29	.03										.03						.52	.76	T			.60		T				.25			.10
MIZE	4.96			.60															3.54	.26			.56									
MONTICELLO	3.47	.10																	2.76	.30			.31									
PRENTISS 2 NNE	3.82																		3.10	.42			.30			T						
PURVIS	10.00	.05			.07							.33							3.91	.31	1.55		2.86	.34	.39					.19		
SUMRALL	7.13														.59				5.55	.31			.37	.31								
TYLERTOWN 2 WNW	3.47	.11								.10		.08							1.90	.18				1.06						.04		
WHITE OAK	4.10																		1.92	2.18												
* * * SOUTHEAST 09																																
BAY SPRINGS	3.94	.20		.60															2.32	.32		.50										
BEAUMONT	6.69	.68	.12									.42			.58		.54		3.13	.04		T	.96	.22								
BROOKLYN 2 SE	7.42	.65	.04							.01		.36			.25	1.06			4.25			.28		.52								
BUCKATUNNA	4.77	.30									.08					.08			4.11		T	.20										
COLLINSVILLE 7 SE	3.66																.25		1.25	1.30			.84		T							.02
CRANDALL 12 N	3.52		.03													.29			3.07	.05			.08									T
ENTERPRISE	2.56	T		.02												.04			1.82	.47			.21									
HATTIESBURG	-	.06	.05									.98			-	-	-	-	-	-	-		2.56	.10								
HICKORY	3.73		.55												.05	.35			2.00	.68			.02	.05								.03
LAUREL	3.70																		2.30	.54			.50	.36	T							
LEAKESVILLE	6.07		.01								.12	.16			.21	.04		.93	3.45			.18	.78	.04								.15
MERIDIAN WB AIRPORT R	3.94	T	.38											T	.25			.25	1.92			1.04		T								.10
MONTROSE	4.16																		3.85		T		.31									T
NEWTON EXP STATION	3.15														.39			.03	2.44			.09	.01		.05							.14
PAULDING	3.46														.09				2.73	.49	.06				.09							
QUITMAN 1 N	2.78		.12																1.85	.21			.40		T							
RICHTON 3 SSE	7.84	.55										.05			.62				3.25	.95			1.25	1.17								
RUSSELL 2 WNW	3.77	.19		.41											.16	.10	.08		1.61			1.00		T								.22
SHUBUTA	4.50		T													.60			3.03	.11			.76									
STATE LINE	5.57	.03										.41		T	.12				4.73				T									.28
UNION	3.09														.04				1.42	1.46		.07	.10									
WAYNESBORO 2 W	5.19	.57													.48			.43	3.14				.56									.01
WAYNESBORO 3 WNW	7.04			1.27												.49	.62		4.03				.63									
* * * COASTAL 10																																
BAY SAINT LOUIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				.02	1.40								
BILOXI CITY	-	.10		.07								.73						.59	-				.60	.10								
GULFPORT NAVAL CENTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC HENRY 5 ESE	9.51								.60	.26								.20	5.90					2.55								
MERRILL	8.10	.03	.51	.14								.75			.03	.67			4.94	.01			.89	.13								T
PASCAGOULA 2 ENE	11.22	.05		1.78					.35			1.65						4.64					.50	1.50	.75							
PICAYUNE	12.47		.59									.25			.47	T		.20	9.86				*	1.60								
POPLARVILLE EXP STA	9.32	.78										T						.33	4.91			.94	2.35									.01
SAUCIER EXP FOREST	10.34			.09					.31		T	T			.05			.79	6.22			.69	2.11		T							.08
STANDARD	9.85	.03		.15	T							.50							6.10	.95			1.02	1.10								
VANCLEAVE	10.39	.03	T	.10					.12	.10		.80			.12	.41			6.40	.11		.12	1.00	1.08								T
WIGGINS 4 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time CENTRAL 00	06	12	18	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
JACKSON WB AIRPORT	9	2.6	6.8	40	NE	18	87	95	55	61	1	1	3	0	0	1	6	61	4.9
MERIDIAN WB AIRPORT	10	1.5	5.7	28++	14	18	87	90	57	62	3	0	4	0	2	0	9	-	5.3

See reference notes following Station Index.

DAILY TEMPERATURES

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	Average
* * *																																	
UPPER DELTA 01																																	
CHARLESTON	MAX	91	93	93	94	89	92	93	95	97	99	98	92	92	96	93	93	97	96	90	93	96	92	77	80	83	89	91	91	93	90	92	91.9
	MIN	66	68	66	62	63	61	63	68	72	70	63	63	62	64	64	68	69	68	72	72	70	70	68	65	64	64	66	63	66	61	67	66.1
CLARKSDALE	MAX	91	91	92	93	88	90	94	96	98	98	90	91	91	94	91	92	90	95	80	94	96	91	79	80	86	86	90	92	93	90	89	90.7
	MIN	70	69	64	64	65	66	68	71	72	73	66	66	65	66	67	71	68	73	73	73	72	70	68	66	68	69	69	68	69	66	70	68.5
CLEVELAND	MAX	93	93	87	88	90	92	95	96	97	95	91	89	95	92	89	91	89	95	93	95	94	79	77	86	87	90	92	92	89	87		90.6
	MIN	69	69	64	65	63	62	67	69	73	74	65	65	66	65	67	74	73	71	73	74	73	70	70	66	66	67	70	66	66	69		68.4
ROSEDALE	MAX	88	91	91	86	86	88	90	91	95	95	89	89	90	92	91	90	89	94	78	93	93	92	80	76	86	88	90	90	93	90	90	89.2
	MIN	68	68	65	64	62	63	65	68	75	72	63	63	63	63	64	67	69	70	73	74	73	70	69	65	64	65	67	63	64	63	67	66.7
SCOTT	MAX	89	93	91	85	86	89	91	92	95	96	90	89	90	93	93	91	90	96	78	92	92	94	80	76	85	86	90	90	92	90	90	89.5
	MIN	69	69	66	67	64	63	65	67	70	75	64	64	61	62	62	62	69	73	72	74	73	71	70	66	64	65	67	62	63	63	66	66.7
TUNICA 2	MAX	89	94	90	87	87	88	92	95	96	98	90	89	90	94	92	91	87	92	78	92	95	84	80	83	85	87	89	92	91	92	89	89.6
	MIN	68	70	72	62	59	63	64	66	69	74	66	66	62	64	66	69	66	72	73	73	71	69	67	67	68	68	69	65	67	70	66	67.5
* * *																																	
NORTH CENTRAL 02																																	
BATESVILLE 2 SW	MAX	95	96	94	91	92	90	93	95	97	98	94	94	94	97	97	92	84	98	80	93	95	90	78	81	87	90	92	92	92	89	89	91.6
	MIN	58	58	59	56	54	56	52				56	54	58	53				69	66	65	68	62	61	60	62	61	61	59	59	58	57	59.3
CALHOUN CITY	MAX	93	95	88	89	91	93	95	97	99	95	91	92	93	91	91	93	95	89	95	94	93	84	81	87	88	92	92	93	91	91	88	91.6
	MIN	63	65	62	61	55	57	59	64	68	74	57	58	56	59	61	71	70	72	74	72	69	71	67	64	59	60	62	59	64	57	64	63.7
GRENADA	MAX	95	95	90	91	92	94	97	96	97	95	94	94	96	93	93	94	98	97	93	94	94	80	83	88	89	92	90	94	91	89	87	92.4
	MIN	66	68	65	62	58	60	63	64	68	76	61	60	60	62	63	73	70	73	75	72	71	70	69	66	62	62	63	62	68	67	65	65.9
HERNANDO	MAX	90	93	94	89	90	91	94	95	98	99	91	91	92	95	94	92	88	94	77	92	95	82	79	83	86	88	88	89	92	88	89	90.3
	MIN	65	68	61	60	61	64	66	70	73	69	62	62	62	65	66	70	67	70	73	74	70	69	68	66	67	68	68	66	70	64	70	66.9
HICKORY FLAT 1 W	MAX	93	95	88	85	100	98	98	98	95		93	89	92	90	89	83	94	88	87	92	89	88	89	86	89	90	92	93	89	90	86	90.9
	MIN	63	66	60	57	57	62	62	62	61		57	59	57	61	62	70	67	64	62	63	64	63	64	62	60	62	62	61	67	59	63	62.0
HOLLY SPRINGS 4 N	MAX	89	92	92	84	85	87	90	93	95	97	85	86	85	90	89	89	88	91	77	90	91	85	78	82	85	86	86	87	90	86	87	87.6
	MIN	62	62	60	56	56	58	59	61	67	68	57	57	57	60	63	63	67	70	72	71	69	68	66	61	61	61	61	61	61	59	59	62.4
INDEPENDENCE 3 N	MAX	90	92	89	86	86	86	91	92	95	97	90	89	87	92	90	92	88	94	78	91	92	85	82	83	85	88	88	90	92	87	87	88.8
	MIN	64	66	63	60	57	58	61	66	70	73	62	63	62	62	65	65	69	69	74	74	70	69	68	65	65	65	66	65	65	63	63	65.4
UNIVERSITY	MAX	90	92	94	87	87	89	92	92	95	96	89	88	89	92	89	88	86	91	76	90	92	89	77	79	84	85	87	89	91	87	86	88.3
	MIN	62	63	59	56	55	58	58	61	66	72	56	58	57	63	63	67	66	70	73	71	68	70	67	63	62	63	63	60	63	58	60	62.9
WATER VALLEY 1 NNE	MAX	93	97	95	91	90	93	96	97	97	98	93	94	94	96	98	92	92	97	77	96	94	92	82	80	86	90	89	94	94	94	92	92.4
	MIN	63	64	62	59	56	61	60	62	68	68	58	61	59	62	63	66	67	70	68	72	70	69	67	65	64	62	64	61	63	66	69	64.2
* * *																																	
NORTHEAST 03																																	
BOONEVILLE	MAX	90	93	92	84	86	89	92	93	95	97	91	86	87	90	82	88	87	86	92	80	90	92	90	78	81	86	88	89	92	93	92	88.7
	MIN	64	61	59	60	61	63	62	64	67	68	60	60	62	64	63	65	68	70	72	72	71	69	68	62	61	61	63	63	63	64	61	64.2
CORINTH 5 WSW	MAX	92	92	90	87	90	92	94	95	98	94	90	88	91	87	90	83	84	93	90	94	90	80	83	89	88	90	93	92	89	91	90	90.0
	MIN	62	65	60	58	60	62	61	64	66	69	68	60	59	63	63	70	69	65	72	68	69	69	64	60	62	64	61	61	65	59	62	63.9
FULTON 3 W	MAX	92	94	89	89	93	95	97	97	98	96	89	90	93	88	91	89	94	89	93	95	93	77	80	87	89	92	93	92	90	92	91	91.2
	MIN	63	64	61	58	58	60	61	65	69	71	59	60	60	62	62	69	71	73	74	72	69	69	64	61	58	62	60	62	63	58	68	64.1
PONTOTOC	MAX	92	93	86	87	90		94	95	95	94	88	89	92	89	89	87	92	89	92	93	91	76	76	86	88	90	90	92	88	90		89.4
	MIN	65	68	60	58	59		61	67	70	71	59	60	61	63	64	69	69	71	71	71	68	68	64	64	62	63	63	63	67	68		65.1
PONTOTOC EXP STA	MAX	90	90	93	88	88	90	92	95	96	97	90	89	90	92	85	90	89	93	82	92	91	90	78	76	85	87	90	90	91	88	90	89.3
	MIN	65	65	62	60	58	62	61	64	70	72	60	62	60	63	64	62	70	71	72	72	69	69	66	65	62	64	65	63	67	61	64	64.8
RIPLEY	MAX	92	93	94	94	94	90	93	95	97	99	86	87	89	93	90	90	83	94	77	90	93	88	78	83	86	88	89	92	91	89	90	89.9
	MIN	63	63	60	60	59	59	60	60	65	68	60	59	59	59	62	63	68	72	72	71	68	68	65	62	62	62	63	63	63	61	60	63.2
TUPELO	MAX																																
	MIN																																
TUPELO 2 WNW	MAX	93	95	87	88	92	94	96	98	98	96	88	89	93	92	90	89	92	89	94	93	92	79	78	87	91	90	93	94	88	91	90	90.9
	MIN	62	64	62	57	56	59	59	62	67	72	57	58	57	60	60	69	70	74	74	72	69	68	65	64	57	62	60	61	62	57	66	63.3
* * *																																	
LOWER DELTA 04																																	
BELZONI	MAX	92	94	95	88	89	91	93	93	94	95	96	90	92			92	95	92	78	93	94	96	80	82	93	90	90	91	95	91	91	91.2
	MIN	65	69	64	64	59	60	64	69	70	70	59	60	62			65	68	73	73	74	73	72	65	62	61	63	62	61	61	60	61	65.1
GREENVILLE	MAX	88	90	90	86	87	86	89	90	92	94	89	89	89	91	89	89	89	92	77	90	91	92	79	74	84	85	88	87	91	88	90	87.9
	MIN	70	70	66	65	64	65	66	71	73	75	65	65	65	65	66	70	70	72	73	76	75	74	71	67	66	67	67	65	65	66	66	68.4
GREENWOOD FAA AP	MAX	93	93	91	88	89	91	93	94	96	93	92	92	94	90	92	93	97	83	92	93	93	81	79	90	89	91	93	93	90	91	88	90.9
	MIN	71	71	66	63	61	62	67	71	72	68	60	62	66	68	68	75	72	76	76	75	74	73	70	67	65	65	69	64	68	66	70	68.4
MINTER CITY	MAX	90	92	93	87	88	90	92	91	95	97	90	90	91	94	90	90	89	95	77	93	95	94	79	77	85	87	90	91	92			89.8
	MIN	66	68	63	63	61	60	62	65	69	72	65	62	62	63	64	64	68	68	72	73	72	71	70	65	64	63	65	65	63			65.8
MOORHEAD	MAX	95	94	89	90	92	94	95	97	98	96	93	92	95	94	96	93	98	88	93	95	97	89	77	88	89	93	94	96	92	93	90	92.7
	MIN	68	69	64	63	61	62	70	71	73	76	63	72	64	66	67	64	70	73	75	75	89	72	70	60	63	64	67	64	69	63	63	68.1
NITTA YUMA	MAX	91	93	93	86	89	91	93	94	96	96	95	90	92	93	90	92	95	97	80	94	94	96	82	76	85	88	92	90	95	93	92	91.2
	MIN	69	70	69	63	62	63	70	70	71	75	61	62	65	65	66	70	72	68	70	73	75	73	72	67	63	64	63	62	62	63	66	67.2
ONWARD	MAX	90	92	93	89	88	90	92	94	94	96	92	91	91	94	93	92	93	95	80	93	94	94	81	84	87	87	90	90	93	91	90	90.7
	MIN	67	68	64	64	63	59	68	68	70	77	60	59	61	64	65	72	68	71	72	71	74	70	68	64	66	60	63	61	65	60	62	65.9
STONEVILLE EXP STA	MAX	90	94	93	87	88	90	93	93	95	96	91	91	91	94	92	92	91	97	80	92	93	94	81	76	86	86	90	91	95	91	91	90.5
	MIN	68	69	64	63	63	64	68	69	72	74	65	65	64	65	67	72	72	73	73	75	75	73	70	61	65	65	67	64	67	65	68	67.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

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	Average
YAZOO CITY 5 NNE	MAX	95	95	90	90	92	95	95	97	97	93	94	93	95	93	93	95	96	81	94	94	95	84	77	88	90	91	94	95	91	92	88	92.0
	MIN	70	71	67	62	61	63	69	71	73	77	62	61	69	66	68	75	70	73	75	74	73	72	70	68	67	64	69	65	68	63	67	68.5
* * *																																	
CENTRAL 05																																	
CANTON	MAX	95	95	95	91	92	92	95	96	98	99	95	95	97	96	91	93	96	98	78	94	95	95	89	77	85	88	90	91	94	90	90	92.4
	MIN	68	69	65	62	58	60	66	68	70	76	60	58	61	61	62	64	66	70	70	71	70	70	68	67	63	60	63	61	66	62	60	65.0
CARTHAGE	MAX	91	92	96	90	91	91	93	95	97	98	95	95	95	97	92	92	96	94	77	94	95	95	90	71	86	88	89	90	90	90	91	91.5
	MIN	65	69	65	63	58	60	62	64	67	71	61	58	58	60	62	66	72	73	73	73	72	70	67	67	63	62	63	61	62	60	62	64.8
EDINBURG	MAX	91	94	88	88	89	92	94	95	97	94	91	92	94	90	92	96	94	83	92	94	92	88	76	83	88	88	88	90	86	87	87	90.1
	MIN	65	67	63	60	58	58	60	64	68	71	59	56	58	62	62	66	68	71	75	72	71	69	66	67	64	60	62	60	65	58	66	64.2
EUPORA 1 E	MAX	94	95	90	92	92	95	95	99	97	94	92	94	96	97	93	95	92	88	92	93	91	85	80	87	86	91	90	93	88	89	87	91.7
	MIN	63	65	62	61	55	58	59	65	70	74	59	58	56	61	63	70	73	73	76	73	68	70	67	65	60	60	66	60	68	58	66	64.6
FOREST 3 S	MAX	90	92	89	89	90	92	92	94	96	95	92	92	93	89	89	90	87	82	93	93	94	91	87	83	87	88	89	92	87	86	84	89.9
	MIN	66	68	66	60	57	59	61	64	68	71	60	57	59	59	60	67	70	71	74	70	69	69	69	67	61	59	61	60	64	61	64	64.2
JACKSON WBAP THOMP FLD	MAX	91	93	89	89	91	92	93	96	97	95	94	94	95	93	93	96	93	83	93	94	95	90	83	86	88	90	90	93	89	90	87	91.5
	MIN	71	72	69	64	63	63	66	69	72	75	64	60	63	63	65	72	70	74	76	73	74	72	70	70	65	62	65	63	66	62	66	67.7
KOSCIUSKO	MAX	90	91	92	88	89	90	92	93	94	96	91	92	94	94	88	92	95	95	77	91	95	90	85	73	85	88	90	91	93	89	90	90.1
	MIN	67	67	65	64	60	61	61	64	68	74	62	61	61	63	63	65	71	72	72	72	71	70	68	66	62	62	62	64	64	64	65	65.5
LEXINGTON 2 NNW	MAX	93	91	87	89	90	93	94	96	97	96	92	93	94	91	93	95	96	83	92	94	95	80	76	85	88	89	90	92	88	90	86	90.6
	MIN	66	66	65	61	59	56	60	61	63	67	59	53	60	61	64	63	69	72	74	72	70	70	67	66	61	61	64	61	61	61	66	63.8
PELAHATCHIE	MAX	92	93	89	89	91	94	94	97	98	96	93	93	94	91	94	96	93	80	95	95	94	89	85	85	89	90	90	93	88	89	85	91.4
	MIN	69	69	67	61	59	60	64	65	70	72	63	58	60	62	63	69	69	70	76	70	72	70	70	68	64	60	62	61	62	61	63	65.5
PICKENS	MAX	92	96	88	90	92	93	94	98	98	96	93	95	93	90	93	95	90	87	94	95	97	86	79	85	88	90	91	93	88	89	87	91.5
	MIN	67	68	65	60	57	61	63	67	69	76	59	58	60	60	62	71	72	71	71	72	71	70	68	66	61	60	63	60	66	61	64	65.1
WINONA 5 E	MAX	89	90	91	86	87	88	91	91	93	94	90	90	89	92	85	89	91	92	76	90	93	92	82	72	85	84	89	88	90	86	87	88.1
	MIN	62	66	63	63	55	56	59	60	64	68	59	59	57	57	60	62	68	68	72	70	69	70	64	65	60	59	60	59	60	58	59	62.3
* * *																																	
EAST CENTRAL 06																																	
ABERDEEN	MAX	90	93	88	90	90	90	96	97	98	88	89	90	92	88	90	90	95	89	94	94	94	85	83	87	88	88	94	93	89	88	85	90.5
	MIN	67	69	63	60	60	60	63	68	71	74	65	61	61	62	65	68	72	73	75	75	70	70	69	64	60	60	68	65	64	69	68	66.4
COLUMBUS	MAX	92	94	93	92	90	90	94	96	98	99	92	90	91	93	89	93	92	90	80	93	95	93	88	85	87	87	92	93	92	90	88	91.3
	MIN	68	71	68	62	60	61	64	65	67	65	65	63	63	63	65	66	67	70	73	74	71	70	67	64	61	62	64	66	65	62	64	65.7
HOUSTON 2 NE	MAX	91	92	93	89	89	91	93	94	97	97	90	90	91	93	85	89	90	92	77	92	92	93	83	78	85	87	90	91	93	88	88	89.8
	MIN	62	63	60	58	55	57	58	62	66	73	58	58	57	60	63	68	70	73	73	71	69	70	66	63	60	61	61	61	63	57	60	63.2
KIPLING	MAX	89	93	89	88	90	92	93	95	95	94	91	92	93	86	88	92	90	82	93	94	91	88	80	84	85	89	90	91	85	88	84	89.5
	MIN	70	67	66	61	57	58	62	65	68	75	60	58	58	62	61	66	69	71	77	72	69	70	66	68	59	58	62	60	63	58	58	64.3
LOUISVILLE	MAX	91	90	94	89	88	90	94	94	95	95	90	89	91	91	89	90	93	91	77	90	93	91	84	70	83	86	88	89	91	81	87	88.8
	MIN	65	69	63	64	61	60	64	67	71	74	63	63	63	62	64	69	71	71	72	72	69	69	65	65	62	62	65	65	68	61	66	66.0
MACON 2 NE	MAX	92	92	92	90	89	92	94	94	95	99	90	90	92	93	89	91	91	94	81	95	93	93	90	87	85	86	90	91	87	89	89	90.8
	MIN	70	73	64	65	61	63	65	66	72	75	64	63	63	63	65	69	71	73	74	71	71	71	69	67	60	61	65	64	58	65	68	66.7
PHILADELPHIA 1 WSW	MAX	90	90	92	89	89	88	92	91	93	96	91	91	93	92	90	89	92	91	87	92	94	94	89	74	84	87	89	90	92	88	89	89.9
	MIN	66	69	65	60	58	59	61	66	71	74	59	58	59	63	62	64	71	72	73	73	72	70	69		60	60	63	61	65	60	64	64.9
STATE UNIVERSITY	MAX	92	91	95	91	91	93	95	96	98	98	91	91	93	94	90	89	94	92	89	94	94	91	86	72	84	85	90	90	92	85	87	90.7
	MIN	68	70	64	64	65	65	65	72	74	74	65	64	64	63	65	70	71	72	72	75	70	71	66	65	63	65	65	67	68	62	65	67.4
* * *																																	
SOUTHWEST 07																																	
ALLEN	MAX	93	94	90	91	94	95	96	97	96	98	98	98	98	97	93	98	94	86	95	95	95	89	87	82	90	89	91	93	90	92	86	92.9
	MIN	68	69	69	61	62	60	65	66	69	72	69	63	63	64	64	70	69	70	74	73	71	70	66	68	66	60	63	63	66	62	63	66.4
BROOKHAVEN	MAX	93	93	89	89	91	90	93	94	95	98	96	95	93	91	95	94	89	88	95	94	96	91	85	81	88	87	88	92	91	89	82	91.1
	MIN	71	72	71	64	65	69	68	69	72	76	72	66	66	65	66	71	70	71	75	73	74	72	68	69	67	62	64	64	69	65	66	68.8
CRYSTAL SPRINGS 4 NNE	MAX	92	94	91	91	91	95	94	98	98	99	95	95	96	92	96	98	94	79	96	95	95	92	83	83	89	87	90	93	92	90	88	92.3
	MIN	70	68	68	60	66	61	64	65	68	76	66	59	61	61	62	63	66	71	75	70	72	69	68	68	69	57	60	58	59	59	62	65.2
JACKSON 4 NW	MAX	90	90	91	88	90	91	92	96	96	95	91	93	93	93	92	95	95	96	93	94	94	89	85	82	88	88	88	88	89	84	87	90.8
	MIN	70	73	67	64	63	67	68	70	73	77	77	64	60	66	65	72	72	73	73	72	74	72	71	69	68	64	67	65	71	65	67	69.0
LIBERTY 1 W	MAX	90	92	92	93	90	92	93	94	96	96	98	96	96	97	95	90	95	89	90	95	95	95	87	89	85	90	88	92	94	91	92	92.5
	MIN	71	69	69	64	62	62	60	64	68	73	74	68	64	65	65	67	68	71	71	72	72	72	68	70	70	66	64	64	65	62	63	67.2
NATCHEZ	MAX	92	92	92	88	90	91	92	93	93	95	92	91	93	92	90	92	92	91	94	94	94	93	93	93	89	88	91	94	93	91	90	91.9
	MIN	71	71	73	66	64	65	68	70	73	77	72	68	68	68	70	71	72	71	74	73	75	75	69	69	71	68	66	65	70	64	66	69.8
PORT GIBSON 2 WSW	MAX	93	93	94	89	92	81	95	96	97	98	95	94	93	95	94	94	95	95	85	92	95	94	95	87	83	89	90	88	94	90	91	92.1
	MIN	68	68	69	61	62	62	63	67	68	70	63	60	61	63	63	64	66	63	66	70	72	71	71	69	65	60	60	62	62	60	60	64.8
UTICA	MAX	92	93		89	90	93	94	95	94	94	95	92		94	92	94	94	83	91	93	94	91			87	87		92	89	89	89	91.5
	MIN	69	69		66	60	63	67	67	70	68	64	56		62	64	71	69	71	72	71	73	71			64	60		61	65	60	61	65.9
VICKSBURG MILITARY PK	MAX	93	93	89	91	92	93	95	96	97	94	93	93	95		93	95	95	90	94	93	95	88	85	82	88	91		91	92	91	87	91.9
	MIN	67	72	68	67	64	66	69	71	72	79	67	64		64	65	67	70	70	73	72	75	73	73	69	67	64		62	62	64	66	68.3
WOODVILLE 4 ESE	MAX	90	92	89	89	90	90	89	94	93	95	92	91	93	91	92	93	88	92	93	94	94	91	87	86	89	88	89	92	90	90	86	90.7
	MIN	70	72	68	67	68	70	69	72	69	76	74	68	67	65	67	68	68	65	74	72	72	74	68	68	69	68	65	63	62	63	61	68.5
* * *																																	
SOUTH CENTRAL 08																																	
COLLINS	MAX	91	93	90	91	90	92	93	93	95	98	95	92	93	89	90	93	90	92	95	94	95	92	83	84	91	90	92	91	90	90	88	91.5
	MIN	73	70	70	65	63	64	66	68	70	70	70	62	64	62	63	69	73	73	71	71	75	73	70	70	62	61	63	67	68	63	63	67.5

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DAILY TEMPERATURES

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	Average
COLUMBIA	MAX	93	95	92	92	91	92	93	95	98	99	93	93	93	89	92	94	89	92	95	95	96	92	88	85	90	89	92	93	90	90	83	92.0
	MIN	70	69	73	77	63	65	65	67	70	72	72	63	63	63	63	68	71	71	73	71	73	70	66	70	67	61	62	62	69	62	66	67.6
OLO	MAX	91	93	94	90	92	92	93	94	94	97	97	95	94	95	89	93	95	94	82	95	95	95	91	78	83	90	90	91	92	89	88	91.6
	MIN	68	69	69	62	59	63	63	66	70	72	66	60	61	61	62	68	70	70	72	71	73	71	68	69	67	59	61	61	64	62	65	65.9
MC COMB FAA AP	MAX	91	93	91	90	91	92	93	94	95	99	96	93	94	91	91	93	87	91	93	95	94	83	88	85	90	89	90	93	88	90	84	91.2
	MIN	70	71	72	67	66	68	67	69	72	75	72	68	65	65	66	68	71	70	75	73	73	72	67	69	70	63	65	64	66	64	66	68.7
MONTICELLO	MAX	94	96	98	92	93	94	96	97	96	100	102	97	98	96	93	95	92	92	89	96	97	95	91	88	86	92	92	94	96	90	92	94.2
	MIN	70	70	71	66	62	63	65	66	68	73	73	61	62	63	63	67	68	72	72	70	71	71	69	71	68	61	62	61	62	63	63	66.7
TYLERTOWN 2 WNW	MAX	92	93	92	91	91	92	92	94	94	97	94	92	93	91	91	92	93	89	91	94	94	91	91	84	89	89	90	93	90	89	88	91.5
	MIN	69	70	73	65	65	66	67	68	70	75	73	67	66	66	64	68	73	66	66	72	73	71	68	69	68	63	65	65	70	64	67	68.1
* * *																																	
SOUTHEAST 09																																	
BAY SPRINGS	MAX	90	93	93	88	90	91	91	93	93	94	91	95	96	90	87	87	88	85	94	93	91	90	89	89	96	88	88	91	89	86	82	90.4
	MIN	69	65	66	64	61	62	61	62	60	65	68	68	60	71	75	71	75	72	75	65	61	68	61	64	64	61	63	63	66	64	67	65.7
HATTIESBURG	MAX	90	90	93	89	91	90	93	91	94	95	98	97	93							93	95	95	91	80	85	90	89	91	93	86	88	91.2
	MIN	72	69	74	67	64	63	66	68	70	76	78	71	64							63	73	71	72	73	70	62	62	64	69	69	70	68.8
LAUREL	MAX	91	92	93	90	90	91	93	92	95	95	98	93	93	92	87	92	95	84	88	94	95	97	91	80	85	90	90	91	95	87	88	91.2
	MIN	72	72	72	69	66	65	67	68	70	72	73	66	64	64	64	66	72	74	75	74	73	72	72	69	68	64	64	64	68	68	65	68.8
MERIDIAN WB AIRPORT	MAX	89	92	89	88	89	90	92	93	94	95	91	93	92	90	90	93	90	84	93	93	91	90	76	85	87	89	90	92	86	88	83	89.6
	MIN	72	71	69	64	60	61	66	67	71	71	64	59	63	63	63	66	69	74	75	72	71	73	69	70	62	59	63	63	64	62	69	66.6
NEWTON EXP STATION	MAX	89	93	87	89	90	92	93	95	95	95	92	93	89	94	91	93	87	80	95	95	94	89	84	85	88	89	90	92	89	88	83	90.3
	MIN	67	69	67	62	57	58	62	65	68	75	59	58	56	60	62	66	66	72	76	72	70	71	68	68	61	58	61	61	62	60	66	64.6
QUITMAN 1 N	MAX	89	90	93	87	88	90	92	92	94	94	96		91	91	87	91	94	89	87	94	93	95	89	74	84	87	89	91	91	87	87	89.9
	MIN	68	68	69	63	60	61	62	64	67	67	61		57	60	62	64	67	71	72	70	70	71	70	67	61	57	59	61	63	64	65	64.7
RICHTON 3 SSE	MAX	89	90	94	89	89	90	93	92	94	95	97	92	92	91	87	92	93	85	90	95	95	95	92	80	85	89	90	91	92	85	88	90.7
	MIN	70	67	70	64	60	60	63	65	67	70	71	57	60	58	60	63	68	72	72	73	71	70	72	70	62	57	59	59	64	63	65	65.2
RUSSELL 2 WNW	MAX	90	91	90	87	89	90	90	92	93	93	89	90	89	87	87	91	90	82	92	94	93	87	87	83	85	89	89	90	90	87	85	89.1
	MIN	71	69	67	64	61	63	67	69	71	75	62	60	62	62	63	68	70	71	76	72	69	70	66	67	60	60	64	63	62	61	68	66.2
STATE LINE	MAX	88	83	90	91	87	89	90	91	94	94	96	91	90	89	85	88	93	84	92	93	93	94	91	86	88	89	87	90	92	85	88	89.7
	MIN	71	69	67	66	63	64	65	68	69	70	69	60	60	61	61	63	70	72	71	74	72	69	72	70	58	60	61	62	62	64	68	66.2
WAYNESBORO 2 W	MAX	90	94	93	88	89	94	92	94	96	98		95	91	88	92	94	92	90		92	95	93	88	86	87	91	91	92		89	89	91.5
	MIN	70	69	71	65	60	62	62	63	67	73		57	59	59	70	65	68	73		74	74	70	70	69	61	57	59	61		62	68	65.6
* * *																																	
COASTAL 10																																	
BAY SAINT LOUIS	MAX																			94	89	91	94	90	86	84	84	86	87	87	89	86	
	MIN																			82	72	76	74	72	72	71	71	71	73	74	73	71	
BILOXI CITY	MAX	88	90	89	88	92	90	89	88	90	95	92	90	92	92	87	89	88		90	88	92	89	87	88	87	88	90	90	88	90	89	89.5
	MIN	76	74	73	71	72	72	74	75	76	79	75	74	71	68	68	74	73		76	78	77	74	74	71	72	68	64	70	72	71	70	72.7
GULFPORT NAVAL CENTER	MAX																																
	MIN																																
MERRILL	MAX	91	88	94	90	92	93	94	93	95	97	99	92	93	93	92	91	95	82	91	95	97	98	94	79	86	90	92	93	94	89	90	92.0
	MIN	69	67	68	67	67	62	63	65	68	69	72	62	62	61	61	63	66	72	74	73	72	70	70	70	65	59	59	61	61	62	62	65.9
PASCAGOULA 2 ENE	MAX	92	93	88	93	92	92	92	90	90	93	92	94	93	90	90	92	91	85	88	90	92	92	84	89	92	93	94	94	92	92	91	91.1
	MIN	79	76	75	72	74	76	77	80	78	81	75	76	74	72	72	76	76	76	80	78	80	76	74	73	72	73	73	74	72	74	75	75.5
PICAYUNE	MAX	93	92	92	94	93	93	91	91	95	98	97	94	94	92	91	94	96	92	93	95	96		94	88	89	90	90	92	90	91		92.8
	MIN	72	73	72	70	70	69	70	70	72	72	72	71	68	67	66	69	73	74	78	75	75		72	72	73	66	66	67	72	68		70.8
POPLARVILLE EXP STA	MAX	88	92	90	90	90	91	91	91	93	96	95	91	93	92	92	93	91			95	95	91	87	86	90	90	91	94	91	90	89	91.3
	MIN	71	71	72	68	66	68	69	71	72	74	73	69	68	64	65	70	71			71	74	69	71	69	70	65	68	68	70	68	69	69.4
SAUCIER EXP FOREST	MAX	91	93	89	91	90	92	93	88	93	96	91	91	91	89	90	94	91	91	92	94	96	90	84	87	89	90	92	91	89	86	88	90.7
	MIN	72	70	70	70	67	68	69	71	71	75	74	69	67	64	64	69	72	72	75	74	73	70	72	70	69	64	65	65	66	65	69	69.4
WIGGINS 4 SE	MAX																																
	MIN																																

EVAPORATION AND WIND

MISSISSIPPI
AUGUST 1969

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * UPPER DELTA 01																																	
SCOTT	EVAP	.26	.28	.31	.29	.14	.23	.25	.28	.27	.32	.14	.38	.30	.27	.28	.26	.28	.28	.08	.19	.22	.19	.16	.05	.23	.18	.24	.20	.25	.28	.27	7.36
	WIND	47	29	66	60	41	23	21	24	75	16	51	45	32	29	30	47	81	33	61	80	19	35	69	63	27	20	31	21	23	47	33	1279
TUNICA 2	EVAP	.10	.30	.40	.30	.45	.35	.27	.26	.31	.36	.30	.30	.35	.30	.35	.22	.36	.25	-	.30	.35	-	.30	.20	.16	.24	.20	.20	.22	.35	.25	8.878
	WIND	103	246	230	280	252	142	83	74	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * EAST CENTRAL 06																																	
STATE UNIVERSITY	EVAP	.25	.27	.26	.32	.26	.29	.26	.32	.30	.32	.23	.34	.25	.25	.18	.20	.22	.48	.33	.22	.24	.25	.09	.06	.25	.23	.26	.26	.20	.28	-	7.938
	WIND	28	29	32	38	34	12	18	26	32	47	38	46	31	38	36	48	43	94	131	45	24	14	51	55	37	22	32	15	26	40	-	12018

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	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	Average
STATE UNIVERSITY																																		
	2	MAX	102	103	102	103	104	100	104	104	106	104	97	102	102	103	98	97	98	100	-	92	95	92	91	75	87	92	99	98	98	99	99	98.2
		MIN	76	77	74	74	73	73	74	77	78	78	70	71	72	72	73	75	75	75	74	74	74	73	70	68	68	68	70	71	73	71	77	73.2
	4	MAX	99	100	98	101	101	98	101	102	103	101	95	98	99	100	95	94	96	97	79	90	93	90	90	78	86	88	91	91	93	94	94	94.7
		MIN	80	81	80	79	79	79	79	81	82	84	76	79	78	78	78	79	80	79	77	79	77	78	76	72	71	73	74	75	78	75	75	77.8
	8	MAX	92	92	92	92	92	91	92	92	94	93	90	90	91	90	88	88	88	89	80	85	87	84	85	80	82	84	86	88	88	89	89	88.5
		MIN	84	84	83	82	82	82	83	84	85	85	80	80	81	81	81	82	82	80	79	80	82	80	80	76	75	76	-	80	81	80	82	81.1
	16	MAX	85	85	85	85	85	85	85	85	86	86	86	84	84	83	83	83	84	82	81	82	81	81	81	80	79	79	80	81	81	82	82	82.9
		MIN	84	85	84	84	84	84	85	85	85	86	84	83	83	82	82	82	82	79	80	81	81	80	80	78	78	78	79	80	80	81	81	81.9

MAX AND MIN FOR 24 HOURS ENDING AT 8 A. M.

SLOPE OF GROUND: 8 PERCENT TOWARDS SOUTH. SOIL TYPE, CLAY. GROUND COVER, BARE. INSTRUMENTATION: TAYLOR TEMPERATURE RECORDER 75J AND 76J SERIES, TWO PEN, MERCURY-IN-STEEL.

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ABBEVILLE	0008	02	LAFAYETTE	11	34 30	89 30	402					MARION C. ROY
ABERDEEN	0021	06	MONROE	10	33 50	88 33	207	5P	7A		C H	WILL ED RIDINGS
ACKERMAN	0039	05	CHOCTAW	10	33 18	89 10	528		7A			MRS. G. M. GUNN
ALCORN A AND M COLLEGE	0116	07	CLAIBORNE	5	31 53	91 09	263		7A			A AND M COLLEGE
ALLEN	0130	07	COPIAH	7	31 45	90 39	505	5P	5P			GARLAND A PITTS
ARKABUTLA DAM	0237	02	TATE	5	34 45	90 08	250		8A		C	CORPS OF ENGINEERS
ASHLAND	0290	02	BENTON	11	34 50	89 10	610		7A			MRS. LEELA C. COX
BALDWYN	0378	03	LEE	10	34 31	88 36	394		7A			BERNARD M. COGGINS
BATESVILLE 2 SW	0488	02	PANOLA	11	34 18	89 59	215	7A	7A		H	HAROLD B MC CARLEY
BAY SAINT LOUIS	0519	10	HANCOCK	3	30 18	89 20	20	7A	7A		H	ST. STANISLAUS COL.
BAY SPRINGS	0523	09	JASPER	4	31 59	89 16	430	6P	8A		H	MAX R. WEST
BEAUMONT	0581	09	PERRY	4	31 11	88 55	90		7A			MISS ERNESTINE IVEY
BELZONI	0660	04	HUMPHREYS	11	33 12	90 29	110	7A	7A		H	TOMMY B. TAYLOR
BILOXI CITY	0792	10	HARRISON	3	30 24	88 54	15	4P	4P		H	R. E. SMITH
BILOXI CITY NO 2	0796	10	HARRISON	3	30 24	88 52	10				C	INACTIVE 8/18/69
BLACK HAWK	0841	05	CARROLL	11	33 20	90 01	340		6P			B. W. COX
BLUFF LAKE	0891	08	NOXUBEE	10	33 17	88 48	230		8A			NOXUBEE NAT WLDLF REF
BOONEVILLE	0955	03	PRENTISS	10	34 39	88 35	510	7A	7A		C H	GLENN HENRY
BROOKHAVEN	1094	07	LINCOLN	7	31 35	90 28	495	6P	6A		H	EDWARD B. GUESS
BROOKHAVEN 2	1096	07	LINCOLN	7	31 35	90 27	475				C	CITY OF BROOKHAVEN
BROOKLYN 2 SE	1098	09	FORREST	6	31 02	89 10	270		8A			U.S. FOREST SERVICE
BROOKSVILLE EXP STA	1111	06	NOXUBEE	10	33 15	88 34	292		7A			MISSISSIPPI STATE UNIV.
BRUCE	1152	02	CALHOUN	11	34 00	89 21	242		7A			MRS. ROSA READ
BUCKATUNNA	1174	09	WAYNE	2	31 32	88 32	148		7A			MRS. FISHER
BUDE FIRE TOWER	1185	07	FRANKLIN	5	31 25	90 51	445				C	U.S. FOREST SERVICE
BYHALIA	1262	02	MARSHALL	11	34 52	89 41	360		7A		C	ROBERT R. SIMPSON
CALHOUN CITY	1314	02	CALHOUN	11	33 52	89 19	253	5P	7A		C H	LOVICK E. VEAZEY
CANTON	1389	05	MADISON	1	32 36	90 02	226	7A	7A		C H	W. V. STRIBLING
CARROLLTON 2 SSW	1460	05	CARROLL	11	33 30	89 56	336		7A			MRS. ALICE MARSHALL
CARTHAGE	1489	05	LEAKE	7	32 45	89 32	415	7A	7A		H	W. FREO NAZARY
CENTREVILLE 4 ESE	1578	07	AMITE	12	31 04	91 01	330		8A			JULES W. WHITE
CHARLESTON	1606	01	TALLAHATCHIE	11	34 01	90 03	214	7A	7A		H	AUSTIN C. NEELY
CLARKSDALE	1707	01	COAHOMA	11	34 12	90 34	178	8A	8A		C H	LEWIS L. WILKINS
CLEVELAND	1738	01	BOLIVAR	11	33 44	90 44	141	5P	7A		H	JOSEPH A. CORRERO
CLEVELAND 3 N	1743	01	BOLIVAR	11	33 48	90 43	140				C	MISS. PWR. + LT. CO.
CLINTON EXP STATION	1764	07	HINDS	4	32 18	90 18			8A			CORPS OF ENGINEERS
COFFEEVILLE	1804	02	YALOBUSHA	11	33 59	89 40	241		8A			MRS. RUTH B.FANCHER
COLLINS	1852	08	COVINGTON	4	31 38	89 34	290	6P	7A		C H	LAWRENCE B. POPE
COLLINSVILLE 7 SE	1860	09	LAUDERDALE	2	32 25	88 46	320		7A			THOMAS H. SNOWDON, JR.
COLUMBIA	1865	08	MARION	7	31 17	89 50	160	6P	7A		H	SAMUAL E. HOWARD
COLUMBUS	1870	06	LOWNDES	10	33 29	88 25	184	7A	7A		H	JOHN D. LAWS, JR.
CORINTH 5 WSW	1962	03	ALCORN	5	34 55	88 36	420	5P	5P		C H	CORINTH AIRPORT
CORINTH FIRE STATION	1967	03	ALCORN	5	34 57	88 30	445				C	CITY OF CORINTH
CRANDALL 12 N	2034	09	CLARKE	10	32 05	88 29	540		7A			MRS OPAL L. ROBINSON
CRAWFORD 5 WSW	2046	06	NOXUBEE	10	33 17	88 42	273		7A			MISS BELVA TRIPLETT
CRYSTAL SPRINGS 4 NNE	2092	07	COPIAH	7	32 02	90 19	374	5P	7A		H	JANE F. KEATING
DANCY	2160	05	WEBSTER	10	33 40	89 03	290		8A			MRS. KIDIE WHITE
DE KALB	2281	06	KEMPER	10	32 47	88 40	480				C	NOAH W. GOLDEN
DLO	2385	08	SIMPSON	7	31 59	89 54	292	7A	7A		H	LEWIS B. THOMPSON
EDINBURG	2658	05	LEAKE	7	32 48	89 20	377	5P	7A		H	LASTON L. WEBB
ELLIOTT	2722	02	GRENADA	11	33 41	89 45	230		7A			MRS. NORENE W. OAKES
ENID DAM	2773	02	YALOBUSHA	11	34 09	89 55	300		8A		C	CORPS OF ENGINEERS
ENTERPRISE	2792	10	CLARKE	2	32 11	88 49	248		7A			MRS. PEARLEE M. LITTLE
EUPORA 1 E	2896	05	WEBSTER	1	33 32	89 15	430	6P	7A		C H	G. L. DESHLER
FOREST 3 S	3107	05	SCOTT	4	32 19	89 29	480	5P	7A		C H	MRS ALICE N. HERNON
FULTON 3 W	3208	03	ITAWAMBA	10	34 16	88 27	350	5P	7A		H	LYLE B. SENTER
GERMANIA	3331	04	YAZOO	11	32 37	90 36	150		7A			CHARLES W. BROWNE
GHOLSON 8 W	3340	06	KEMPER	10	32 55	88 52	500		7A			WM. P. MC BRAYER
GOSHEN SPRINGS 2 NNE	3516	05	RANKIN	7	32 30	89 54	320		7A			MRS G. H. MORTIMER
GREENVILLE	3605	04	WASHINGTON	5	33 23	91 03	132	8A	8A		H	BRODIE S. CRUMP
GREENVILLE 8 SW	3611	04	WASHINGTON	5	33 18	91 08	130		7A			ROBERT J. PIERINI
GREENWOOD	3614	04	LEFLORE	11	33 32	90 12	133		7A			MRS.NELL M. JOHNSON
GREENWOOD 2	3619	04	LEFLORE	11	33 31	90 11	134				C	CORPS OF ENGINEERS
GREENWOOD FAA AP	3627	04	LEFLORE	11	33 30	90 12	128	MID	MID		H	FED. AVIATION AGENCY
GRENADA	3645	02	GRENADA	11	33 47	89 48	194	5P	7A		H	GEORGE P. WOOD
GRENADA DAM	3650	02	GRENADA	11	33 48	89 46	283				C	CORPS OF ENGINEERS
GULFPORT NAVAL CENTER	3675	10	HARRISON	3	30 23	89 07	33	5P	5P		H	U.S. NAVY
HATTIESBURG	3897	09	FORREST	4	31 18	89 17	220	9A	9A		H	M. ROY HOOD
HAZLEHURST	3917	07	COPIAH	7	31 52	90 24	465				C	CITY OF HAZLEHURST
HERNANDO	3975	02	DE SOTO	11	34 50	90 00	386	8A	8A		H	LEE E. GOOCH
HICKORY	3997	09	NEWTON	2	32 19	89 02	325		7A			JAMES G. GALLASPY
HICKORY FLAT 1 W	4001	02	BENTON	11	34 37	89 12	411	5P	7A		C H	G. E. TODD
HOLCOMB	4129	02	GRENADA	11	33 46	89 59	175		7A			MRS.LUCY C. JACKSON
HOLLY BLUFF	4155	04	YAZOO	11	32 49	90 43	98		8A			W. C. SHARBOUGH JR.
HOLLY SPRINGS 4 N	4173	02	MARSHALL	11	34 49	89 26	480	7A	7A		C H	DONALD S. COURSON
HOUSTON 2 NE	4265	06	CHICKASAW	10	33 55	88 58	300	7A	7A		C H	RAYMOND SIMPSON
INDEPENDENCE 3 N	4377	02	TATE	11	34 46	89 48	360	7A	7A		H	EDWARD M. FERGUSON
JACKSON 4 NW	4467	07	HINDS	7	32 20	90 14	345	5P	7A			S. LAMAR WOODWARD JR.
JACKSON WBAP THOMP FLD	4472	05	RANKIN	7	32 19	90 05	330	MID	MID		C HJ	ESSA WEATHER BUREAU
KIPLING	4702	06	KEMPER	10	32 41	88 38	316	6P	6P		H	EUGENE MC COY
KOSCIUSKO	4776	05	ATTALA	7	33 04	89 36	455	8A	8A		H	EDWARD M. REESE
LAFAYETTE SPRINGS	4816	02	LAFAYETTE	11	34 19	89 16	450		7A			C. H. WALDRIP
LAKE CORMORANT 1 W	4842	02	DE SOTO	5	34 54	90 14	207		6A			JAMES W. WRIGHT
LAMBERT 5 E	4869	01	QUITMAN	11	34 11	90 12	160		7A			LAURIS E. SHELTON
LAUREL	4939	09	JONES	4	31 41	89 08	235	8A	8A		H	MASONITE CORP
LEAKESVILLE	4966	09	GREENE	2	31 09	88 31	105		5P		C	S. O. SMITH
LEXINGTON 2 NNW	5062	05	HOLMES	11	33 08	90 04	315	6P	7A		C H	LOUISE E. SWINNEY
LIBERTY 1 W	5070	07	AMITE	12	31 10	90 48	396	7A	7A		H	J P WALSH
LORMAN	5223	07	JEFFERSON	5	31 49	91 03	225				C	L. C. FARIS
LOUISVILLE	5247	06	WINSTON	7	33 08	89 04	581	8A	8A		C H	SOU. NATURAL GAS CO.
MACON 2 NE	5364	06	NOXUBEE	10	33 08	88 32	185	8A	8A		C H	MRS. VERA LANE
MC COMB FAA AP	5614	08	PIKE	8	31 16	90 28	458	MID	MID		H	FED. AVIATION AGENCY
MC HENRY 5 ESE	5644	10	STONE	3	30 41	89 04	160		2P			U.S. FOREST SERVICE
MEADVILLE	5704	07	FRANKLIN	5	31 28	90 53	345	5P	5P		H	INACTIVE 3/1/69.
MERIDIAN WB AIRPORT	5776	09	LAUDERDALE	2	32 20	88 45	290	MID	MID		C HJ	U.S. WEATHER BUREAU
MERRILL	5789	10	GEORGE	6	30 59	88 43	52	7A	7A		H	SARAH M. TAYLOR
MINTER CITY	5897	04	LEFLORE	11	33 45	90 18	146	7A	7A		H	WILLIAM R. LEA
MIZE	5943	08	SMITH	4	31 52	89 33	298		8A			OLIVER C. JONES
MONTICELLO	5987	08	LAWRENCE	7	31 33	90 06	220	7A	7A		H	BUEL D. RUSSELL
MONTROSE	5996	09	JASPER	4	32 07	89 14	428		11A			MARION E. BRADY
MOORHEAD	6009	04	SUNFLOWER	11	33 27	90 31	117	5P	7A		H	WILLIAM D. DONALD
MOUNT PLEASANT	6084	02	MARSHALL	11	34 57	89 31	446		7A			MRS. LOUISE G. HOWARD
NATCHEZ	6177	07	ADAMS	5	31 33	91 23	195	5P	5P		H	CITY OF NATCHEZ
NEW ALBANY	6256	03	UNION	11	34 30	89 00	340		7A			HENRY L. MC CHAREN
NEWTON EXP STATION	6308	09	NEWTON	2	32 20	89 05	346	5P	5P		H	MISSISSIPPI STATE UNIV.
NITTA YUMA	6351	04	SHARKEY	11	33 02	90 51	112	8A	8A		H	RENATO P. CASELLI
OAKLEY EXP STATION	6476	07	HINDS	1	32 12	90 31	205		7A			MISSISSIPPI STATE UNIV.
OFAHOMA	6493	05	LEAKE	7	32 43	89 42	348		7A			J. K. PETERSON
OKOLONA	6515	06	CHICKASAW	10	34 00	88 45	320		4P			THOMAS C. WOODFIN
ONWARD	6562	04	SHARKEY	11	32 43	90 56	122	8A	8A		H	SOU. NATURAL GAS CO.
PASCAGOULA 2 ENE	6718	10	JACKSON	3	30 23	88 30	16	5P	5P		H	STANDARD OIL CO.
PASCAGOULA	6721	10	JACKSON	3	30 21	88 34	25				C	INGALLS SHIPYARD CORP.
PAULDING	6750	09	JASPER	4	32 02	89 02	500		7A			MRS. ROSA READ
PELAHATCHIE	6811	05	RANKIN	7	32 19	89 47	355	5P	7A		H	H.C. RHODES
PHILADELPHIA 1 WSW	6894	06	NESHOBA	7	32 46	89 08	413	8A	8A		H	WILLIAM H. COLE
PICAYUNE	6921	10	PEARL RIVER	7	30 31	89 41	50	5P	5P		H	CITY OF PICAYUNE
PICKENS	6926	05	YAZOO	1	32 53	89 59	222	6P	6P		H	SOU. NATURAL GAS CO.
PLEASANT HILL	7066	02	DE SOTO	11	34 55	89 53	380		7A			MRS. INA E. FALKNER
PONTOTOC	7104	03	PONTOTOC	11	34 15	89 00	513	5P	7A		H	WILLIAM R. BUTLER
PONTOTOC EXP STA	7111	03	PONTOTOC	11	34 09	89 00	405	7A	7A		H	MISS STATE UNIV
POPLARVILLE EXP STA	7128	10	PEARL RIVER	7	30 51	89 33	313	5P	5P		H	MISSISSIPPI STATE UNIV
PORT GIBSON 2 WSW	7132	07	CLAIBORNE	5	31 57	91 01	215	8A	8A		H	DONALD B. CRISLER
PRENTISS 2 NNE	7172	08	JEFF DAVIS	7	31 38	89 51	400		7A			ALTON C. BRINSON
PURVIS	7220	08	LAMAR	6	31 09	89 24	376		7A		C	HUGH H. LEARD
QUITMAN 1 N	7252	09	CLARKE	4	32 04	88 43	300	8A	8A		H	ALVA L. IRBY
RALEIGH	7276	08	SMITH	4	32 03	89 33	540				C	BUCK MARTIN
RICHTON 3 SSE	7444	09	PERRY	4	31 18	88 54	165	7A	7A		C H	ALFRED F. KRONE
RIPLEY	7467	03	TIPPAH	11	34 44	88 57	520	7A	7A		C H	J.C. NANCE
ROCKPORT	7537	07	COPIAH	7	31 48	90 09	200		8A			MARY B. THOMPSON
ROLLING FORK	7560	04	SHARKEY	11	32 54	90 53	104		7A		C	MRS. HOWARD G. FENTON
ROSEDALE	7582	01	BOLIVAR	5	33 51	91 01	150	8A	8A		H	HARRY D. ADCOCK
ROSE HILL 7 SW	7592	09	JASPER	4	32 05	89 05					C	CISTERCIAN MONASTERY
RUSSELL 2 WNW	7701	09	LAUDERDALE	2	32 25	88 37	460	4P	4P		H	U S SUGAR CROPS
RUTH	7714	07	LINCOLN	7	31 23	90 19	460				C	SOLOMON B. MASON
SARAH	7807	02	TATE	11	34 34	90 13	310		6A			EDGAR L. IVY
SARDIS DAM	7815	02	PANOLA	11	34 24	89 48	234		8A		C	CORPS OF ENGINEERS
SAREPTA 1 NNE	7820	02	CALHOUN	11	34 08	89 17	385				C	MRS ERLENE B. HELLUMS
SAUCIER EXP FOREST	7840	10	HARRISON	3	30 38	89 03	229	4P	4P		C H	U.S. FOREST SERVICE
SCOTT	7886	01	BOLIVAR	11	33 36	91 05	140	7A	7A	7A	H	DELTA -PINE LAND CO
SENATOBIA	7921	02	TATE	11	34 37	89 57	270		7A			ALLEN M. PATTERSON
SHUBUTA	8053	09	CLARKE	2	31 52	88 42	197		7A			RALPH E. MC LENDON
SHUBUTA 2	8055	09	CLARKE	2	31 52	88 42	195				C	MRS. NANNIE V. JONES
SHUMALAK	8062	06	NOXUBEE	10	32 59	88 34	217		7A			FANNIE D. NORWOOD
SLEDGE	8145	01	QUITMAN	11	34 26	90 13	167		7A			MRS. PAULINE OSWALT
STANDARD	8352	10	HANCOCK	3	30 32	89 22	140		7A			VANILLA LAGNER
STATE UNIVERSITY	8374	06	OKTIBBEHA	10	33 28	88 48	280	8A	8A	BACGH		MISSISSIPPI STATE UNIV.
STATE LINE	8382	09	WAYNE	2	31 26	88 29	259	7A	7A		H	ROBERT M. FARRAR
STONEVILLE EXP STA	8445	04	WASHINGTON	11	33 25	90 55	127	8A	8A		C H	DELTA EXP. STATION
SUMRALL	8556	08	LAMAR	4	31 25	89 32	290		7A			HARRY C. BRANNAN
SWAN LAKE	8591	01	TALLAHATCHIE	11	33 53	90 17	147		7A			RICHARD CURTIS SMITH
TIBBEE	8792	06	CLAY	10	33 32	88 38	210		7A			CARL V. OSWALT
TUNICA 2	8998	01	TUNICA	5	34 41	90 23	189	7A	7A	7A	H	OLIVER S. WOODS
TUPELO	9000	03	LEE	10	34 15	88 43	289	MID	MID		H	AIRWAY OBSERVER
TUPELO 2 WNW	9003	03	LEE	10	34 16	88 44	250	5P	5P		C	CLEMENT M. FLANAGAN
TYLERTOWN 2 WNW	9048	08	WALTHALL	7	31 07	90 11	440	5P	7A		C H	JOHN B. WEBB
UNION	9070	09	NEWTON	2	32 34	89 07	465		7A			WILLIAM E. STRIBLING
UNIVERSITY	9079	02	LAFAYETTE	11	34 23	89 32	390	7A	7A		C H	AGR. RESEARCH SVC-USDA
UTICA	9101	07	HINDS	1	32 06	90 38	280	6P	6P		H	MELVIN J. BREEDEN
VAIDEN 1 SSW	9114	05	CARROLL	1	33 19	89 45	389		7A			MRS. CASEY Q. FERGUSON
VANCE	9154	01	QUITMAN	11	34 04	90 21	145		7A			GEORGE D. KING
VANCLEAVE	9157	10	JACKSON	6	30 33	88 42	40		8A			CLIFTON M. DEES
VAN VLEET	9159	06	CHICKASAW	10	33 58	88 54	336		6P			HERBERT B. CARTER
VICKSBURG MILITARY PK	9216	07	WARREN	5	32 21	90 51	255	5P	5P			VICKSBURG NATL MILTY PK
VICKSBURG WW EXP STA	9218	07	WARREN	5	32 18	90 52	180				C	ARMY ENGR. WATERWAYS
WALNUT GROVE	9326	05	LEAKE	7	32 36	89 28	417		7A			HERBERT L. HOGUE
WATER VALLEY 1 NNE	9400	02	YALOBUSHA	11	34 10	89 38	380	7A	7A		H	C. B. GURNER
WAYNESBORO 2 W	9439	09	WAYNE	4	31 41	88 41	197	5P	5P		H	RADIO STATION WABO
WAYNESBORO 3 WNW	9444	09	WAYNE	2	31 41	88 42	340		7A			JAMES T. BUNCH
WHITE OAK	9597	08	SMITH	7	32 04	89 41	420		6A			EARL B. CANTERBURY
WHITE SAND	9617	10	PEARL RIVER	7	30 48	89 41	190				C	MISSISSIPPI STATE UNIV.
WIGGINS 4 SE	9639	10	STONE	6	30 48	89 06	200	7A	7A		C H	HARSON GROWERS INC.
WINONA 5 E	9743	05	MONTGOMERY	1	33 29	89 38	390	6A	6A		H	MRS. M. M. HUDSON
WOODVILLE 4 ESE	9793	07	WILKINSON	5	31 06	91 14	400	5P	1P		C H	MISS FORESTRY COMM
YAZOO CITY 5 NNE	9860	04	YAZOO	11	32 54	90 23	107	MID	MID		C H	MISS. CHEMICAL CORP

‡ DRAINAGE CODE: 1-BIG BLACK 2-CHICKASAWHAY 3-GULF 4-LEAF 5-MISSISSIPPI 6-PASCAGOULA 7-PEARL 8-TANGIPAHOA 9-TENNESSEE 10-TOMBIGBEE 11-YAZOO 12-AMITE

Additional information regarding the climate of Mississippi may be obtained by writing to the Environmental Science Services Administration State Climatologist, Weather Bureau Airport Station, Municipal Airport, Allen C. Thompson Field, P. O. Box 5779, Jackson, Mississippi 39208, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MISSISSIPPI".

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

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

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

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

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

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

DIVISIONS, as used in this publication, became effective with data for January 1953.

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

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

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

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

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

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

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

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

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

T Trace, an amount too small to measure.

V Includes total for previous month.

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

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

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

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

J "Supplemental Data" table.

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

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

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

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

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

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

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

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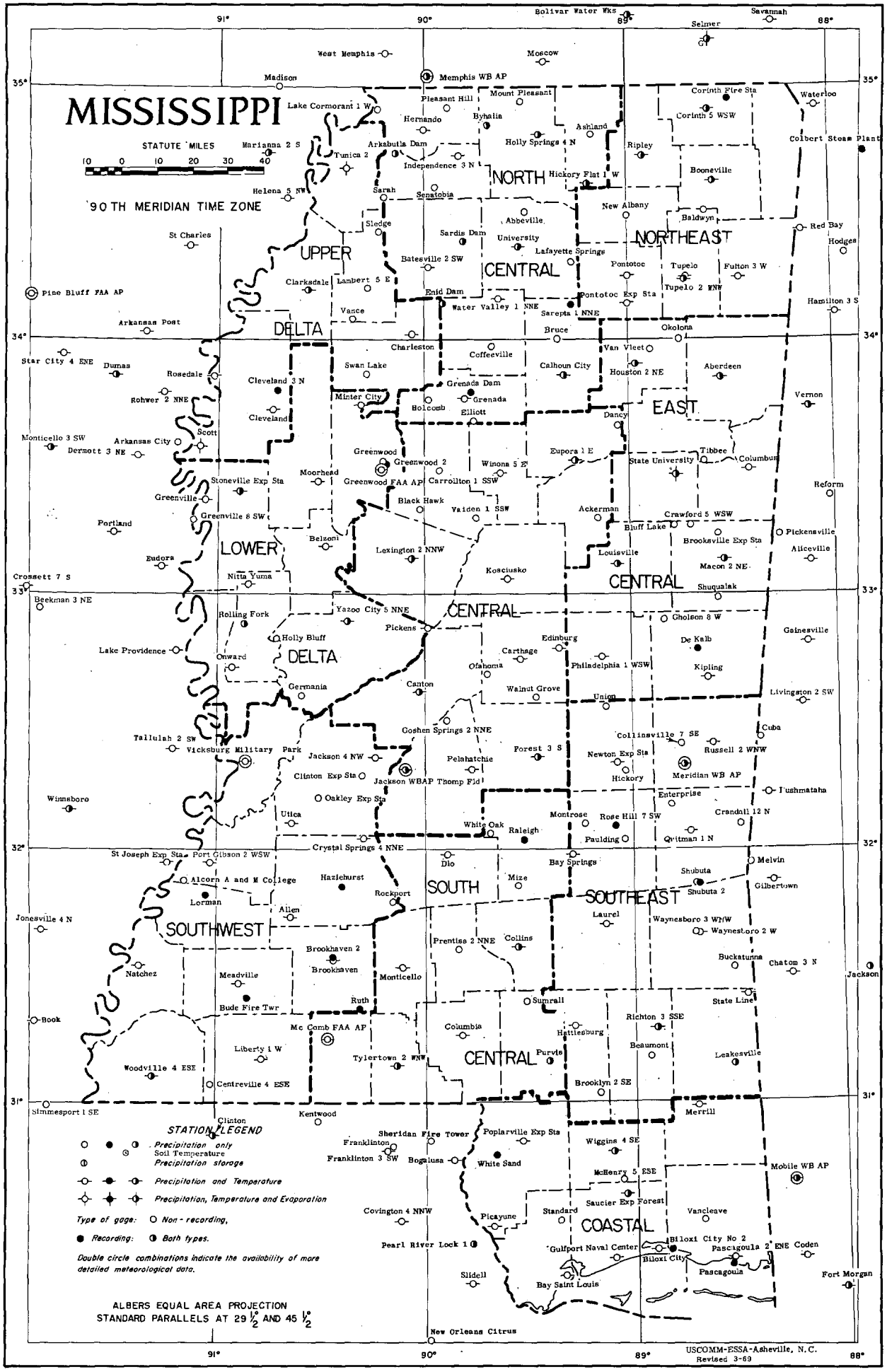
MISSISSIPPI
STATUTE MILES
10 0 10 20 30 40
90TH MERIDIAN TIME ZONE
NORTH
NORTHEAST
UPPER
CENTRAL
DELTA
EAST
LOWER
CENTRAL
CENTRAL
DELTA
SOUTH
SOUTHEAST
SOUTHWEST
CENTRAL
COASTAL
Bolivar Water Wks
Savannah
Selmer
West Memphis
Moscow
Madison
Memphis WB AP
Lake Cormorant 1 W
Pleasant Hill
Mount Pleasant
Corinth Fire Sta
Waterloo
Hernando
Byhalia
Corinth 5 WSW
Ashland
Marianna 2 S
Arkabutla Dam
Holly Springs 4 N
Ripley
Colbert Steam Plant
Tunica 2
Independence 3 N
Hickory Flat 1 W
Booneville
Helena 5 NW
Sarah
Senatobia
New Albany
Baldwyn
Sledge
Abbeville
Red Bay
St Charles
Sardis Dam
University
Hodges
Lafayette Springs
Batesville 2 SW
Pontotoc
Tupelo
Fulton 3 W
Clarksdale
Lambert 5 E
Tupelo 2 WNW
Pine Bluff FAA AP
Enid Dam
Pontotoc Exp Sta
Hamilton 3 S
Vance
Water Valley 1 NNE
Sarepta 1 NNE
Arkansas Post
Bruce
Okolona
Charleston
Coffeeville
Van Vleet
Star City 4 ENE
Dumas
Swan Lake
Calhoun City
Houston 2 NE
Aberdeen
Rosedale
Cleveland 3 N
Grenada Dam
Rohwer 2 NNE
Minter City
Grenada
Vernon
Holcomb
Elliott
Cleveland
Dancy
Scott
Monticello 3 SW
Arkansas City
Dermott 3 NE
Greenwood
Eupora 1 E
Tibbee
Greenwood 2
Winona 5 E
State University
Columbus
Moorhead
Stoneville Exp Sta
Greenwood FAA AP
Carrollton 1 SSW
Reform
Greenville
Black Hawk
Greenville 8 SW
Vaiden 1 SSW
Ackerman
Crawford 5 WSW
Portland
Bluff Lake
Pickensville
Belzoni
Brooksville Exp Sta
Aliceville
Eudora
Lexington 2 NNW
Louisville
Macon 2 NE
Crossett 7 S
Nitta Yuma
Kosciusko
Shuqualak
Beekman 3 NE
Rolling Fork
Yazoo City 5 NNE
Pickens
Gholson 8 W
Gainesville
Holly Bluff
Edinburg
De Kalb
Lake Providence
Onward
Carthage
Philadelphia 1 WSW
Kipling
Ofahoma
Germania
Canton
Walnut Grove
Union
Livingston 2 SW
Cuba
Tallulah 2 SW
Goshen Springs 2 NNE
Collinsville 7 SE
Vicksburg Military Park
Jackson 4 NW
Forest 3 S
Russell 2 WNW
Pelahatchie
Newton Exp Sta
Clinton Exp Sta
Jackson WBAP Thomp Fld
Hickory
Meridian WB AP
Winnsboro
Oakley Exp Sta
Enterprise
Tushmataha
Utica
Montrose
Rose Hill 7 SW
Crandall 12 N
White Oak
Raleigh
Paulding
Quitman 1 N
St Joseph Exp Sta
Port Gibson 2 WSW
Crystal Springs 4 NNE
Dio
Bay Springs
Melvin
Alcorn A and M College
Hazlehurst
Mize
Shubuta
Gilbertown
Lorman
Rockport
Shubuta 2
Allen
Laurel
Jonesville 4 N
Waynesboro 3 WNW
Waynesboro 2 W
Prentiss 2 NNE
Collins
Brookhaven 2
Buckatunna
Chatom 3 N
Natchez
Brookhaven
Meadville
Monticello
Jackson
Ruth
Sumrall
State Line
Bude Fire Twr
Book
Richton 3 SSE
Mc Comb FAA AP
Columbia
Hattiesburg
Beaumont
Liberty 1 W
Tylertown 2 WNW
Purvis
Leakesville
Woodville 4 ESE
Centreville 4 ESE
Brooklyn 2 SE
Simmesport 1 SE
Clinton
Kentwood
Merrill
STATION LEGEND
Precipitation only
Soil Temperature
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.
Sheridan Fire Tower
Poplarville Exp Sta
Franklinton
Wiggins 4 SE
Franklinton 3 SW
Bogalusa
White Sand
McHenry 5 ESE
Mobile WB AP
Saucier Exp Forest
Covington 4 NNW
Picayune
Standard
Vancleave
Pearl River Lock 1
Gulfport Naval Center
Biloxi City No 2
Pascagoula 2 ENE
Coden
Biloxi City
Pascagoula
Slidell
Bay Saint Louis
Fort Morgan
New Orleans Citrus
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2
USCOMM-ESSA-Asheville, N.C.
Revised 3-69
91°
90°
89°
88°
35°
34°
33°
32°
31°