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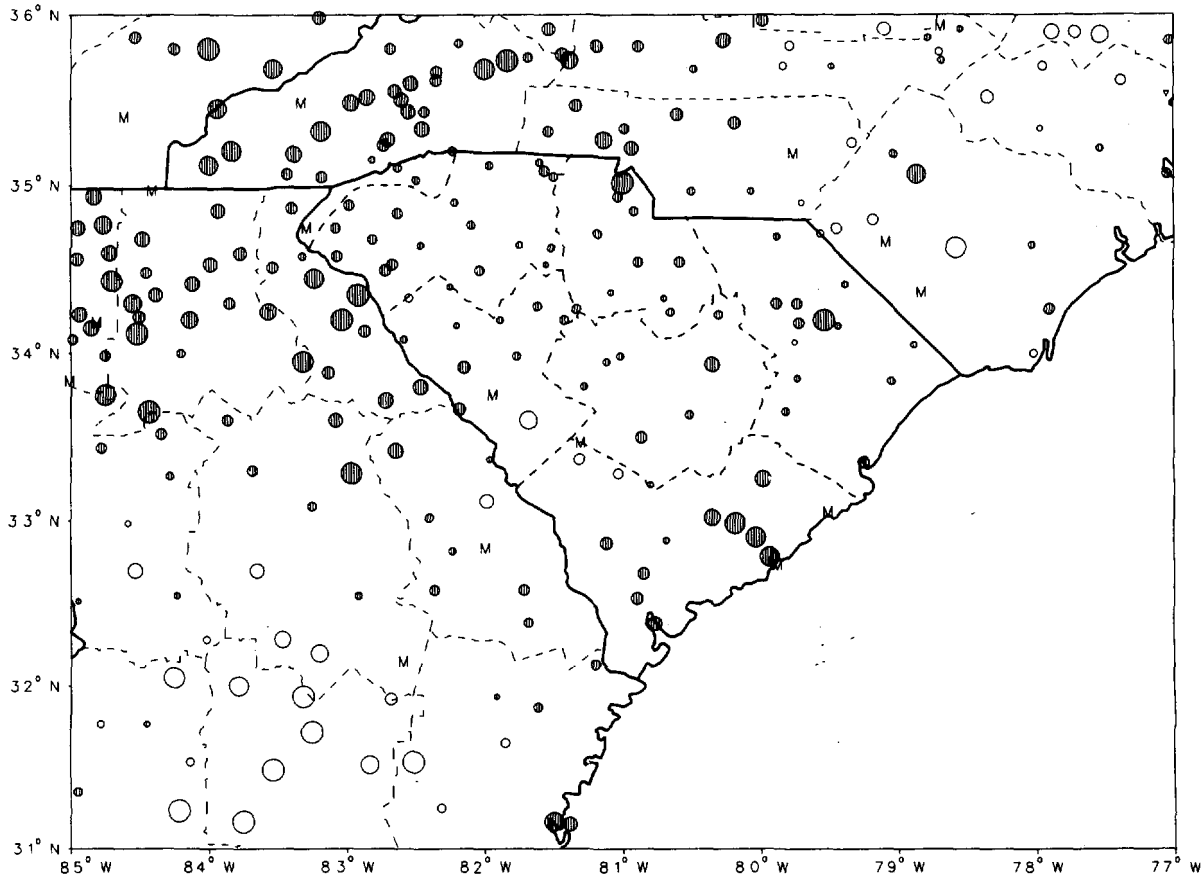
CLIMATOLOGICAL DATA
SOUTH CAROLINA
SEPTEMBER 1989
VOLUME 92 NUMBER 9

MONTHLY PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951–1980)

M INCOMPLETE DATA FOR THE MONTH
EXACTLY NORMAL
5,10,20,..50% OR MORE BELOW NORMAL
10,20,40,..100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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Kenneth D. Wadlow

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

SOUTH CAROLINA
SEPTEMBER 1989

SOUTH CAROLINA			
HIGHEST TEMPERATURE	98	SEPTEMBER 2	COLUMBIA UNIV OF SC
LOWEST TEMPERATURE	42	SEPTEMBER 25	CAESARS HEAD
GREATEST TOTAL PRECIPITATION	14.97		EDISTO ISLAND 3 SW
LEAST TOTAL PRECIPITATION	2.61		AIKEN 4 NE
GREATEST 1 DAY PRECIPITATION	7.46	SEPTEMBER 22	EDISTO ISLAND 3 SW

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

SOUTH CAROLINA
SEPTEMBER 1989

STATION	TEMPERATURE (°F)										NO. OF DAYS				PRECIPITATION (IN)				SNOW, SLEET			NO. OF DAYS		
											MAX		MIN											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
SOUTH CAROLINA																								
MOUNTAIN 01																								
CAESARS HEAD	68.1	56.8	62.5	-2.7	77	12+	42	25+	125	57	0	0	0	0	8.75	2.14	2.33	26	.0	0		11	8	3
LONGCREEK	77.1	59.1	68.1	-.8	87	2	47	28+	34	137	0	0	0	0	M 8.40		3.40	26	.0	0		10	5	3
--DIVISIONAL DATA------->			65.3												8.75									
NORTHWEST 02																								
ANDERSON	83.4	61.4	72.4	-.3	93	10	49	28+	16	246	9	0	0	0	6.99	2.82	1.41	22	.0	0		12	5	3
ANDERSON FAA AP	80.0	62.9	71.5	-1.7	93	2	50	24	26	229	5	0	0	0	6.94	2.98	1.70	16	.0	0		8	5	3
CLEMSON UNIVERSITY	80.0	61.4	70.7	-1.6	91	13+	48	26+	36	214	4	0	0	0	5.60	1.89	1.83	26	.0	0		9	3	2
GRNVLE-SPARTBG WSO AP R	78.8	61.8	70.3	-1.4	90	2	48	28	35	200	1	0	0	0	5.42	1.07	1.38	25	.0	0		10	4	2
LAURENS	82.5	60.3	71.4	-.7	93	3	48	26+	26	224	10	0	0	0	6.44	2.20	1.37	22	.0	0		10	5	3
NINETY NINE ISLANDS	78.5	60.6	69.6		89	10	44	28	35	179	0	0	0	0	5.89	1.62	2.04	22	.0	0		8	4	2
PICKENS 5 SE	77.7	62.2	70.0	-2.1	88	2	47	25	33	189	0	0	0	0	6.21	2.34	1.87	16	.0	0		8	4	2
SALEM 1 SW	80.2	58.3	69.3		90	3	46	28	32	167	1	0	0	0	8.12	3.10	2.92	26	.0	0		10	5	3
SANTUCK	79.6	62.9	71.3	-1.5	89	12+	47	28	25	219	0	0	0	0	5.46	1.16	1.73	22	.0	0		7	4	2
SIMMS WATER PLANT	81.1	59.0	70.1	-1.1	93	10	43	28	31	192	6	0	0	0	6.48	1.48	2.15	22	.0	0		7	5	3
SPARTANBURG 3 SSE	81.9	61.4	71.7		90	11+	49	28	14	222	3	0	0	0	5.12		2.00	22	.0	0		7	4	1
UNION 8 SW	80.4	60.1	70.3	-.9	91	12+	47	29	33	199	5	0	0	0	5.15	.78	1.62	22	.0	0		8	3	1
WALHALLA	78.8	61.0	69.9	-.9	88	11+	49	25	28	181	0	0	0	0	7.05	2.50	2.54	26	.0	0		9	5	3
WEST PELZER	80.2	61.5	70.9		91	11	46	28	35	216	4	0	0	0	5.40	.83	1.61	26	.0	0		8	4	2
--DIVISIONAL DATA------->			70.7	-1.3											6.16	1.86			.0					
NORTH CENTRAL 03																								
CAMDEN 3 W	80.8	63.8	72.3	-.2	89	3	53	29+	8	234	0	0	0	0	4.81	1.19	2.90	22	.0	0		8	1	1
CHESTER 1 E	80.9	60.8	70.9	-1.9	92	13	48	29+	28	211	4	0	0	0	6.10	1.75	2.65	22	.0	0		6	3	3
KERSHAW	80.7M	62.6M	71.7M		88	12	56	17	0	203	0	0	0	0	6.46	2.46	4.25	22	.0	0		8	2	1
PARR	83.0	62.0	72.5	-1.1	92	12+	52	26+	8	241	9	0	0	0	5.58	1.76	2.00	22	.0	0		7	3	2
WINNSBORO	80.3	63.0	71.7	-1.3	91	12+	51	28	27	236	7	0	0	0	4.48	.37	1.95	22	.0	0		7	3	1
WINTHROP COLLEGE	80.7	63.8	72.3	-.3	91	12	48	28	17	241	3	0	0	0	6.83	2.42	3.90	22	.0	0		6	3	2
--DIVISIONAL DATA------->			71.9	-1.0											5.71	1.64			.0					
NORTHEAST 04																								
ANDREWS	82.0M	66.7M	74.4M		90	2	55	24	2	290	1	0	0	0	10.93		3.85	22	.0	0		6	4	3
BROOKGREEN GARDENS	83.5	65.4	74.5		92	2	52	24	0	289	1	0	0	0	11.30		3.26	3	.0	0		10	4	4
CHERAW	82.4	63.6	73.0	.2	91	12+	48	29+	20	266	3	0	0	0	4.99	.83	1.89	26	.0	0		7	3	2
CONWAY	82.7	65.8	74.3	-.6	91	3+	53	30+	4	289	3	0	0	0	7.44	1.68	2.00	3	.0	0		9	4	3
DARLINGTON	83.6	65.8	74.7	.7	91	11	50	28	1	302	5	0	0	0	6.88	2.74	2.30	22	.0	0		8	3	1
DILLON	82.8	63.7	73.3	.1	90	1	51	29+	13	267	1	0	0	0	4.49	.63	1.15	22	.0	0		7	5	1
FLORENCE FAA AP	84.3	66.0	75.2	.5	93	2	51	28	5	317	8	0	0	0	6.65	2.60	2.03	21	.0	0		7	4	3
FLORENCE 8 NE	83.5	64.4	74.0	.2	91	12+	50	28	13	287	7	0	0	0	6.27	2.43	1.80	22	.0	0		7	5	3
GEORGETOWN 2 E	M	M	M		92	2	55	29			1	0	0	0	10.08	4.18	3.00	22	.0	0		9	5	3
KINGSTREE 1 SE	85.2	62.7	74.0	.0	94	3	52	25	8	281	11	0	0	0	5.80	1.37	3.00	22	.0	0		7	2	2
LAKE CITY 1 SE	83.0	63.9	73.5	-1.3	92	3	53	29+	1	260	1	0	0	0	4.87	.63	3.10	22	.0	0		7	2	2
LORIS 1 S	83.6	63.6	73.6	-.2	91	3	51	29+	5	271	3	0	0	0	5.79	.72	2.04	22	.0	0		6	4	2
MARION 2 W	83.9	64.7	74.3	.2	94	10	50	28	4	293	7	0	0	0	4.87	.63	2.00	22	.0	0		7	4	1
MC COLL 3 NNW	81.8	63.6	72.7	-1.6	93	10	49	28	12	251	2	0	0	0	3.78	-.23	1.80	30	.0	0		4	3	2
MYRTLE BEACH 2	83.9	67.1	75.5		90	3	54	28	0	324	1	0	0	0	4.95				.0	0		4	2	2
PAGELAND	81.8	64.2	73.0		91	11+	47	28	12	258	2	0	0	0	5.98		2.75	22	.0	0		8	4	2
--DIVISIONAL DATA------->			74.0	-.2											6.57	2.04			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

SOUTH CAROLINA
SEPTEMBER 1989

STATION	TEMPERATURE (°F) AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS MAX 90 OR ABOVE	MAX 32 OR BELOW	MIN 32 OR BELOW	MIN 0 OR BELOW	PRECIPITATION (IN) 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
WEST CENTRAL 05																								
AIKEN 4 NE	85.4	64.5	75.0	.3	95	2	54	24	5	310	9	0	0	0	2.61	-1.53	2.00	21	.0	0		5	1	1
CALHOUN FALLS	81.7	62.3	72.0	-1.1	93	13+	51	27+	23	240	7	0	0	0	4.83	.89	2.57	22	.0	0		7	2	1
CLARKS HILL 1 W	83.7	61.2	72.5		94	13+	49	26	18	248	7	0	0	0	6.45	2.92	2.96	22	.0	0		9	2	2
GREENWOOD 3 SW	79.4	61.1	70.3	-2.0	90	3	50	26+	26	191	1	0	0	0	4.48	.36	1.38	22	.0	0		8	3	1
JOHNSTON 4 SW	82.5	62.3	72.4		94	12+	52	26+	18	248	9	0	0	0	3.82		1.80	22	.0	0		6	2	1
LITTLE MOUNTAIN	78.7	63.8	71.3	-3.1	89	2	50	24	19	215	0	0	0	0	6.52	2.07	1.95	22	.0	0		8	5	3
NEWBERRY	83.1	62.9	73.0	-.3	93	11+	50	24	9	259	8	0	0	0	6.44	1.93	2.15	22	.0	0		9	4	2
SALUDA	80.8	61.2	71.0	-2.3	93	12	51	26+	23	212	8	0	0	0	5.45	1.41	1.48	22	.0	0		10	3	2
--DIVISIONAL DATA-------->			72.2	-1.3											5.08	.99			.0					
CENTRAL 06																								
BISHOPVILLE 3 W	82.6	60.2	71.4		92	12+	49	28+	21	222	5	0	0	0	5.29	1.51	2.80	22	.0	0		7	2	1
COLUMBIA WSFO AP R	83.7	65.9	74.8	.0	95	2	55	25+	9	309	9	0	0	0	5.16	.93	2.20	22	.0	0		8	3	1
COLUMBIA UNIV OF SC	85.5	66.2	75.9	.6	98	2	54	25+	3	335	9	0	0	0	5.23	1.00	2.92	22	.0	0		8	2	1
HOLLY HILL	84.1	67.1	75.6		92	10+	55	26	0	324	8	0	0	0	5.72		3.62	22	.0	0		4	3	1
MANNING	85.3	64.6	75.0		92	2	54	28	0	305	9	0	0	0	4.24		2.15	22	.0	0		6	3	1
ORANGEBURG 2	82.5	66.3	74.4	-.3	91	3+	56	28+	7	296	3	0	0	0	7.18	3.02	2.93	22	.0	0		8	4	2
PELION 4 NW	82.5	64.1	73.3		91	2+	54	25+	6	263	3	0	0	0	5.39	1.00	2.70	22	.0	0		8	3	2
SANDHILL EXP STATION	81.6	63.3	72.5		92	3	51	24	20	249	3	0	0	0	6.04		2.85	22	.0	0		7	3	1
SUMTER	83.8	63.6	73.7	-.6	92	3+	52	29	7	276	7	0	0	0	8.39	4.53	4.05	22	.0	0		9	5	1
WEDGEFIELD	81.5	63.8	72.7		88	2+	57	28+	0	239	0	0	0	0	7.46		2.40	22	.0	0		9	4	3
--DIVISIONAL DATA-------->			73.9	-.5											6.01	1.94			.0					
SOUTHERN 07																								
ALLENDALE	84.4	63.3	73.9		95	3	52	25	15	289	10	0	0	0	11.24		4.35	22	.0	0		8	4	4
BAMBERG	82.4	66.3	74.4	-.6	91	2	55	25	5	294	2	0	0	0	3.52	-.54	2.05	22	.0	0		6	1	1
BEAUFORT 7 SW	82.2	69.1	75.7	-.3	91	2	57	24	2	329	1	0	0	0	10.19	5.11			.0	0		6	2	1
BLACKVILLE 3 W	85.0	65.5	75.3	.7	94	3+	55	25	5	319	12	0	0	0	3.25	-.62	1.86	22	.0	0		7	1	1
CHARLESTON WSO AP	83.6	69.6	76.6	.9	94	2	57	24	1	358	3	0	0	0	13.35	8.41	4.84	21	.0	0		13	5	4
CHARLESTON WSO CI R	80.6	71.9	76.3	-.6	86	2+	59	24	0	343	0	0	0	0	13.94	8.75	5.99	21	M	M		13	6	3
EDISTO ISLAND 3 SW	83.7	68.7	76.2		90	3	61	28	0	342	1	0	0	0	14.97		7.46	22	.0	0		9	5	3
HAMPTON	83.8	66.9	75.4	.1	92	3+	56	25+	5	324	2	0	0	0	8.34	3.81	3.16	21	.0	0		9	4	3
HILTON HEAD	82.1	68.6	75.4		89	2	58	24	0	316	0	0	0	0	10.41				.0	0		7	4	1
MC CLELLANVILLE	M	M	M																M	M				
PINOPOLIS DAM	84.0	67.2	75.6	.5	93	3	57	29+	0	325	6	0	0	0	9.96	5.60	4.38	22	.0	0		9	7	3
RIDGELAND 5 NE	81.6	67.8	74.7	-.7	91	2	58	25+	3	303	1	0	0	0	9.57	4.28	3.16	21	.0	0		10	5	3
SULLIVANS ISLAND	M	M	M																M	M				
SUMMERVILLE	84.1	66.2	75.2	.0	92	3	56	29+	2	314	8	0	0	0	13.59	8.76	5.98	22	.0	0		12	5	4
WALTERBORO 2 SW	M	M	M		94	17	57	28+			5	0	0	0	6.03	.66	2.10	22	.0	0		9	3	2
YEMASSEE	84.2	66.9	75.6	.4	92	17+	56	24	3	326	4	0	0	0	8.82	3.88	2.60	21	.0	0		11	6	2
--DIVISIONAL DATA-------->			75.4	-.1											9.80	4.98			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

SOUTH CAROLINA
SEPTEMBER 1989

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
SOUTH CAROLINA																																
MOUNTAIN 01																																
CAESARS HEAD	8.75		.15				.67	.77						T	.56		1.15	.11				.03	1.05	.08	T	.13	2.33			.83	.89	
CLEVELAND 4 S	5.85						.15	.50						.89			.42	.19					.69	.39	T	.09	2.40			.13		
HOGBACK MOUNTAIN	11.95		.12			1.29	1.12	.02	.01					.14	T	T	.23				.09	.44	3.16	.24	.32	.40	2.74	T	T	.41	1.22	
LONGCREEK	M 8.40	-	-	-	-	-	-	-	-			.80	.20	.10			.30	.10			*	.10	1.10	.30	*	.20	3.40			.50	1.30	
NORTHWEST 02																																
ANDERSON	6.99					.03	.18					.15		.30		.10	.80	.30				.18	1.41			.85	1.37			.11	1.21	
ANDERSON FAA AP	6.94						.10							.63			1.70	.18				.07	1.37	.03		.32	1.60				.94	
CLEMSON UNIVERSITY	5.60						.16	T					.01	.27	.10		.38	.07				.05	.61	.25		.43	1.83	.01		.07	1.36	
GAFFNEY 6 E	6.79					T	.12						1.32	.54			.56					.06	2.02			.30	1.32	.02			.53	
GASTON SHOALS	5.05					.05	.15	.05						.16			.45	.05				.08	1.92	.25	.01	.15	1.38				.35	
GRNVLE-SPARTBG WSO AP R	5.42					.18	.55	T					T			.13	.26				T	.18	.87			1.38	.49			.10	1.28	
LAURENS	6.44					T	.31	.23						1.20			.70					.01	1.37	.24		.28	.93	.10			1.07	
LOCKHART	4.92					.10	.15	T						.06			.25						1.77	.29		.08	1.55				.67	
NINETY NINE ISLANDS	5.89					T		.09				T	.15	.06		T	.63				.02	.16	2.04	.03		.74	.25			.32	1.40	
OAKWAY 3 WSW	6.56						.18	T									1.62						1.65			.47	1.81			.16	.67	
PICKENS 5 SE	6.21						.05										1.87	.15				T	.95	.35		.35	1.69			.10	.70	
SALEM 1 SW	8.12						.29	.18						.54			1.52						.72	.28		.36	2.92			.17	1.14	
SANTUCK	5.46					.22	.19	.02						.01		.02	.24				T	.02	1.73	T		.83	.63			.09	1.46	
SIMMS WATER PLANT	6.48					.09	.64	T						.03			.22					.05	2.15	.05		.99	1.01			.13	1.12	
SPARTANBURG 3 SSE	5.12					.04	.35	T									.21					.02	2.00	.03		.87	.59			.11	.90	
UNION 8 SW	5.15					.09	.36	.05						.21			.48						1.62	.23		.91	.44				.76	
WALHALLA	7.05						.30	.05						.50			1.12					T	.68	.18		.21	2.54			.28	1.19	
WEST PELZER	5.40						.15	.02					.04				.51	.44					1.09	.30		.44	1.61				.80	
WHITMIRE 4 NE	4.82					.15	.25	.02									.31						1.80	.11		.29	1.52				.37	
WOODRUFF 5 NW	5.32						.34	.40						1.50			.25						1.45	T		.08	.95				.35	
NORTH CENTRAL 03																																
BLAIR 1 NE	4.77					T	T	T	.08					.16			1.39				T		1.69	.16		T	.82	.18			.29	
CAMDEN 3 W	4.81			.34	.02		.12	.03	.29				.08				.13					.07	2.90	.05		.14	.29	.05			.30	
CATAWBA	5.16					.06		.03						.62									3.32	.27		.15	.51				.20	
CHESTER 1 E	6.10					.06			T					1.40			.18					.03	2.65			.19	1.16			T	.43	
FORT MILL 4 NW	12.48					.10		.01				.04	2.30	2.34		.25	.19					.17	4.49			.66	.54			.03	1.36	
GREAT FALLS	5.89					.12		.07								.05	.23					.19	3.91			.84	.08			.02	.38	
KERSHAW	6.46						.17		.15								.53					.06	4.25		.06	.29	.49	.20			.26	
PARR	5.58				.02	*	.52	.13	.08								1.20						2.00			.17	.76			.40	.30	
WATEREE DAM	3.36					.03	.03	.08					.06				.35					.20	1.95	.04		.23	.09				.30	
WINNSBORO	4.48					.71	.71	.41	.11													.04	1.95	.01		.13	.41					
WINTHROP COLLEGE	6.83					.08	.02	.03						.44				.33				T	3.90	T	T	.56	.29			T	1.18	
NORTHEAST 04																																
ANDREWS	10.93			T	*	*	*	2.27						T	.48		.93					1.33	3.85	T		1.95	.12				T	
BROOKGREEN GARDENS	11.30			3.26	.06	1.68		.20									.27	.05			.04	.45	1.35	.38	T	3.10	.25	.08			.13	
CHERAW	4.99			.25			.01	.06								T	.54	.48			.01	.06	1.12	.05		.22	1.89	.01			.29	
CONWAY	7.44			2.00	.02	.30	.30	.10								.01		.61			.01	.31	1.79	.09			1.62	.22			.06	
DARLINGTON	6.88		.88	.02		.30	.16	.10									.15				T	.07	2.30	*	*	1.62	.44				.84	
DILLON	4.49			.70	T	T	.65											.76		T		.17	1.15		T	T	.83	.05			.18	
EFFINGHAM	3.75					.06	.14									.01		.10					2.40	.03			.81				.20	
FLORENCE FAA AP	6.65		.08	T	.01	.60	.28													T	T	2.03	2.00	.17		1.28	.03				.17	
FLORENCE 8 NE	6.27			.05		.13	.53	.63									.02	1.31			T	.09	1.80	*	.21	.03	1.03	.01			.43	
GEORGETOWN 2 E	10.08			1.95	.40	.45	.05								.04	.08	.40	.01				.60	3.00			2.20	.70				.20	
KINGSTREE 1 SE	5.80			.10		.20	.45	.10					T			T	T					T	3.00	T			1.65	.30			T	
LAKE CITY 1 SE	4.87		.02	T		.10	.11	.10										.20				T	3.10	.01	T	.03	1.05	T			.15	
LORIS 1 S	5.79			.60		.03	.05	.06								.01		.97			.02	.15	2.04	.08			1.67	T			.11	
MARION 2 W	4.87			.37		.68	.03	.10										.27					2.00			.84					.58	
MC COLL 3 NNW	3.78											.10	.58										1.30								1.80	
MYRTLE BEACH 2	4.95			.26	1.20	.06	.05								T		1.31	.05			.01	*	1.91		T						.10	
PAGELAND	5.98						.10						.04				.66				.20	.40	2.75	.02		1.00	.24				.57	
PEE DEE	13.14		.54		1.10		1.40	.90				1.20			1.00			.80	.40	1.30			3.70					.80				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

SOUTH CAROLINA
SEPTEMBER 1989

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																														
WEST CENTRAL 05																																
AIKEN 4 NE	2.61						.06														.10	2.00				.10	.20				.15	
ANTREVILLE	3.67						.05										.50	.05				.05	1.80			.51	.26				.45	
CALHOUN FALLS	4.83						.07		.01					.11			.42					.28	2.57	.01		.18	.78				.40	
CHAPPELLS 2 NNW	4.85					T	.50	.05	.01					.91			.34					T	1.31	.11		.19	.93	.01			.49	
CLARKS HILL 1 W	6.45	.02				.13	.05	.04	T					.23			.43					.19	2.96	.02		.12	.28	.15		.08	1.75	
EDGEFIELD 1 SE	M 1.95						-	-						-			-					.50	-	-	.40			.20		.35	.50	
GREENWOOD 3 SW	4.48					T	.29	.02	T				T	.03			.63					.41	1.38	.16		.31	.45				.80	
JOHNSTON 4 SW	3.82					.02	.04	.07	.01					.07			.31	.02				.11	1.80	.07		.09	.13	.12	.04	T	.92	
LITTLE MOUNTAIN	6.52					.61	.32	.16	.06								1.56				T	.23	1.95			.63					1.00	
MC CORMICK 9 E	7.07					.10		.34									1.82					.44	1.94			.20	1.03			.17	1.03	
NEWBERRY	6.44					.45	.35	T			.80		.03	T			.40					.20	2.15			.62	.36			.03	1.05	
SALUDA	5.45					.07	.30	.05						.11			1.35					.46	1.48			.23	.28	.53		.10	.49	
WARE SHOALS	4.28						.26		.04													.11	1.35	.18		.25	1.09				1.00	
CENTRAL 06																																
BATESBURG	5.37			T	.08	.30	.12	.03					.08				.96					.43	2.17			.18	.26	.08			.68	
BISHOPVILLE 3 W	5.29			.46	.05			.31								.11							2.80	.11	.01	.06	.99				.39	
COLUMBIA WSFO AP R	5.16		.20	T	T	.59	.16	.27								.29					.01	.96	2.20		T	.35	.04			.03	.06	
COLUMBIA UNIV OF SC	5.23					.23	.73	.25									.34				.01	.20	2.92			.32	.06			T	.17	
HOLLY HILL	5.72			.05		.90	.08										.04					.55	3.62			.48						
MANNING	4.24				.06	.08	.05	.51														.10	2.15	.11	.30	.76	.02	.05			.05	
ORANGEBURG 2	7.18		.02			1.75	.60		T						.07		.19				T	.82	2.93	T	.33	.14	.30				.03	
PELION 4 NW	5.39			T			.05	.30	.15	T							1.13					.13	2.70	.55		.13	.20		T		.05	
RIMINI 2 SSW	5.29						.61	.12															3.79				.71				.06	
SANDHILL EXP STATION	6.04				.56	.03	.53	.48	.06							.03	.45					.02	2.85	.03		.09	.44	.07			.40	
SPRINGFIELD	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.08		.15	.10						
SUMTER	8.39	.25		.93		.02	.92	.64										.05				.10	4.05	.42	.38	.55	*	.02			.06	
WEDGEFIELD	7.46		.17	.17		.10	1.72	1.43				T										.07	2.40	.05	.35	.20	.75				.05	
SOUTHERN 07																																
ALLENDALE	11.24	.02		.25	1.29	.15	.02									1.88	.06	.39				2.51	4.35	.02		.19	.04	.01			.06	
BAMBERG	3.52			.06		.12	.05	.24							.05		.08	.09				.19	2.05	.05		.38	.16				T	
BEAUFORT 7 SW	10.19	.01		3.00	.01		.33	.01							.05		.76					*	4.95	.23	.40	.40	.04		T			
BLACKVILLE 3 W	3.25			.11		.13	.01	.16								.02	.01					.39	1.86			.28	.26				.02	
BRANCHVILLE 6 S	4.74			.45	.29		.25								.45								2.95			.35						
CHARLESTON WSO AP	13.35		.10	.64	.03	2.90	.20				T			.08	.41	.20	.48			.01	T	4.84	1.06	.10	.10	2.00	.20		T		T	
CHARLESTON WSO CI R	13.94	.10		1.89	.19	.13	.91	.01						.28	.02		.79				.16	5.99	.87	.15	.05	2.15	.25					
EDISTO ISLAND 3 SW	14.97			.99	.17		.27	.55							.28	.05	.01	.26				2.82	7.46			2.01		.05		.01	.04	
GIVHANS FERRY 2 ESE	9.90			.88		.78	.58	.22															6.10	.18		.47	.65		.04			
HAMPTON	8.34	.01		1.15	.16	.19	T								.43	.01	.73	.17				3.16	1.95	.09		.27	.02				T	
HILTON HEAD	10.41			2.09		.04	.65								.25		.29					*	5.25	.43	T	.83	.52	.06				
MC CLELLANVILLE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PINOPOLIS DAM	9.96			.54	1.25	.50	.94	.13								.19	.05					.52	4.38				1.46					
RIDGELAND 5 NE	9.57		.04	1.94	.02	.84	.20	.01							.11		.19					3.16	2.27	.12	.15	.50			.02			
SULLIVANS ISLAND	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUMMERVILLE	13.59			1.55	.98	.47	1.92	.22							T	.40	.12	.07			.02	T	5.98	.10		.11	1.45	.20				
WALTERBORO 2 SW	6.03			.27	.60	.35									.35	.20	.08					1.80	2.10	.10	.08						.10	
YEMASSEE	8.82		.75	.80	.20	.22	.04								.58		.13	.17				2.60	2.50	.33		.50						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

SOUTH CAROLINA
SEPTEMBER 1989

STATION	OB. TIME	MAX/MIN	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
SOUTH CAROLINA																																		
MOUNTAIN 01																																		
CAESARS HEAD	08	MAX	76	73	77	67	66	63	65	69	73	76	76	77	75	73	74	75	68	62	65	67	69	71	67	69	53	55	66	59	58	60		68.1
		MIN	64	64	63	55	56	59	54	64	65	65	67	64	65	63	63	62	54	53	54	54	57	62	59	42	42	43	51	43	44	53		56.8
LONGCREEK	18	MAX	83	87	82	75	74	68	80	85	86	86	84	86	83	83	80	78	77	75	76	77	77	78	78	73	71	75	70	63	62	62		77.1
		OBS																				***				***								
		MIN	62	65	65	57	59	63	65	64	61	61	64	63	67	63	63	66	52	52	50	54	66	60	61	48	47	56	59	47	54	60		59.1
		OBS																				***	52			***								
NORTHWEST 02																																		
ANDERSON	17	MAX	90	92	90	89	82	83	85	90	91	93	90	92	92	89	87	85	84	81	79	79	83	83	83	83	65	77	78	69	69	68		83.4
		MIN	63	67	69	61	65	62	69	61	62	63	65	65	65	65	63	68	57	56	61	58	70	65	65	49	50	50	60	49	58	60		61.4
ANDERSON FAA AP	19	MAX	88	93	80	81	73	72	85	90	92	92	89	92	85	89	84	83	83	79	79	78	82	81	82	70	55	72	71	66	68	66		80.0
		MIN	66	66	69	65	66	63	68	65	65	66	69	69	69	66	67	68	57	57	62	58	70	66	63	50	51	55	60	52	57	63		62.9
CLEMSON UNIVERSITY	08	MAX	88	86	90	78	79	73	71	84	88	90	91	89	91	85	88	88	81	81	78	79	78	83	81	82	62	59	79	70	64	65		80.0
		MIN	66	68	71	65	65	66	66	68	66	67	68	66	66	65	65	65	57	55	56	57	58	67	65	51	48	48	57	50	52	59		61.4
GRNVLE-SPARTBG WSO AP	MID	MAX	86	90	77	79	69	69	83	88	88	89	89	89	86	88	88	82	81	77	78	75	84	80	82	64	57	78	70	66	66	66		78.8
		MIN	64	69	68	64	63	64	67	66	64	66	68	67	69	66	66	62	58	55	60	59	69	67	56	50	50	57	54	48	58	60		61.8
LAURENS	08	MAX	91	90	93	82	85	70	74	84	88	91	92	92	92	90	90	90	87	84	82	78	74	86	84	85	69	60	77	73	71	72		82.5
		MIN	64	64	69	61	62	63	65	64	63	63	66	68	68	62	62	67	55	56	56	59	62	67	65	48	49	48	57	49	49	58		60.3
NINETY NINE ISLANDS	MID	MAX	86	88	77	80	69	76	81	86	88	89	88	87	86	86	86	82	81	77	75	72	85	79	81	65	57	76	70	69	66	66		78.5
		MIN	60	68	68	60	64	66	68	65	62	62	64	64	68	62	64	63	54	55	60	58	69	68	58	50	50	56	49	44	57	62		60.6
PICKENS 5 SE	17	MAX	84	88	81	76	73	68	81	86	87	87	86	87	81	85	85	80	78	77	77	76	82	78	79	70	54	76	74	67	64	64		77.7
		MIN	66	69	71	63	64	64	66	67	65	66	69	66	69	67	67	66	56	58	60	57	68	65	63	49	47	53	58	49	57	60		62.2
SALEM 1 SW	08	MAX	87	86	90	80	79	75	70	83	88	87	89	89	87	85	86	85	81	80	79	80	80	81	80	82	74	60	79	72	66	65		80.2
		MIN	62	63	67	64	60	64	64	65	62	62	63	62	62	65	62	63	50	50	47	51	54	66	61	51	49	49	58	46	50	57		58.3
SANTUCK	18	MAX	88	89	83	81	75	75	79	84	87	89	89	89	86	87	88	83	82	79	75	73	86	80	82	74	61	71	70	68	67	67		79.6
		MIN	65	72	70	59	64	67	69	65	65	68	69	69	68	64	66	70	58	56	60	61	69	68	66	50	50	55	58	47	57	63		62.9
SIMMS WATER PLANT	18	MAX	88	91	87	80	78	70	84	90	92	93	92	90	87	89	89	84	82	78	78	78	84	83	82	68	63	78	76	67	67	66		81.1
		MIN	60	67	68	63	59	63	61	63	62	61	62	55	62	62	64	63	52	52	58	55	68	64	65	49	48	49	56	43	55	61		59.0
SPARTANBURG 3 SSE	17	MAX	88	90	88	81	80	71	81	87	89	90	90	89	87	87	89	83	84	84	84	75	86	82	82	82	68	80	77	69	67	67		81.9
		MIN	62	69	71	64	64	66	68	65	64	63	65	67	69	62	61	61	53	53	53	56	68	69	66	51	50	54	58	49	58	63		61.4
		OBS																					56											
UNION 8 SW	07	MAX	88	90	89	80	81	68	74	81	86	90	91	91	90	87	88	89	85	82	79	75	75	85	83	83	65	57	73	70	68	68		80.4
		MIN	63	63	70	61	61	64	67	64	63	63	65	66	66	62	62	65	55	55	55	58	60	71	64	50	50	50	57	48	47	58		60.1
WALHALLA	17	MAX	86	87	84	77	75	69	82	86	88	88	88	87	84	86	82	79	80	77	78	79	81	80	82	74	59	78	74	65	64	64		78.8
		MIN	63	66	68	64	64	65	66	66	63	62	66	63	68	64	63	67	53	51	54	55	67	67	62	51	49	56	61	51	55	61		61.0
WEST PELZER	08	MAX	89	88	90	79	79	71	72	83	88	88	91	90	90	86	89	88	83	82	78	78	76	84	80	80	62	57	77	71	68	68		80.2
		MIN	65	71	70	63	62	62	66	65	65	69	69	67	68	66	66	68	59	55	60	58	66	66	64	47	47	50	55	46	52	58		61.5
NORTH CENTRAL 03																																		
CAMDEN 3 W	06	MAX	87	87	89	79	80	74	79	80	83	86	87	88	88	88	84	87	85	84	80	71	74	85	84	83	71	65	71	72	75	79		80.8
		OBS																						***	***	***	***	***						
		MIN	67	68	71	63	64	68	70	65	65	66	67	68	67	65	65	70	62	60	60	65	65	68	68	56	57	56	60	53	53	61		63.8
		OBS																						***	***	***	***	***						
CHESTER 1 E	07	MAX	90	88	88	80	81	71	77	82	86	89	90	91	92	88	87	89	84	83	79	74	76	86	81	87	68	58	73	71	70	69		80.9
		OBS																						***	***									
		MIN	64	64	64	62	62	65	68	63	63	63	69	67	68	62	62	67	55	56	60	60	64	67	65	50	51	50	58	48	48	59		60.8
		OBS																						***	***									
KERSHAW	08	MAX	85	85	86	77	78	71	77	78	82	84	86	88	86	84	81	85	83	81	77	69	71											80.7
		MIN	63	67	68	59	61	64	66	62	62	64	65	66	64	61	63	67	56	57	57	61	61											62.6
PARR	07	MAX	90	92	81	85	84	73	79	82	87	90	91	92	91	90	87	91	85	85	83	75	75	90	85	86	81	66	74	73	75	71		83.0
		OBS					***																					76						
		MIN	65	70	63	66	63	66	68	64	65	65	65	67	67	63	65	60	60	60	61	62	61	55	70	53	52	52	55	53	61	63		62.0
		OBS					***																											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

SOUTH CAROLINA
SEPTEMBER 1989

STATION	OB. TIME	MAX/MIN	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
WINNSBORO	08	MAX	90	90	90	79	72	71	79	81	85	88	91	91	90	88	85	90	85	83	80	73	73	88	76	85	63	58	71	71	71	71		80.3
		MIN	67	67	71	61	63	66	68	66	65	68	71	71	68	66	66	71	60	60	59	64	64	69	69	52	52	52	58	51	52	52		63.0
WINTHROP COLLEGE	18	MAX	87	89	80	80	70	79	82	86	88	90	90	91	87	85	89	83	83	78	75	82	86	86	84	77	59	78	71	73	68	66		80.7
		MIN	66	71	71	62	63	67	67	66	66	68	68	68	69	68	67	68	60	59	61	68	70	70	67	52	50	54	57	48	60	62		63.8
NORTHEAST 04																																		
ANDREWS	18	MAX	89	90		76	81	82	82	85	87	87	88	87	86	84	88	87	84	84	77	78	85	81	81	73	70	78	74	77	82	76		82.0
		OBS				***	***	***	***	***	***													***	***									
		MIN	71	72		67	64	72	67	65	64	66	68	68	68	71	69	73	70	65	67	64	72	70	71	55	58	65	66	56	62	68		66.7
		OBS				***	***	***		***	***													***	***									
BROOKGREEN GARDENS	17	MAX	88	92	86	76	84	86	85	83	85	86	86	86	86	86	88	88	86	84	78	79	85	88	85	77	77	83	76	77	82	78		83.5
		MIN	68	70	70	66	63	71	67	64	63	64	67	65	66	70	69	72	70	70	60	63	72	69	70	52	55	66	62	53	58	66		65.4
CHERAW	07	MAX	88	88	89	82	82	78	84	85	85	87	91	91	90	89	86	89	88	85	81	71	78	87	86	84	69	61	73	71	75	79		82.4
		MIN	65	66	72	62	62	70	70	66	65	68	69	69	67	67	66	71	64	60	60	64	70	73	69	53	53	53	58	48	48	59		63.6
CONWAY	07	MAX	91	90	91	84	78	85	87	84	85	86	88	88	86	87	87	87	81	84	85	73	80	86	80	80	68	74	72	74	78	83		82.7
		OBS																				85		***										
		MIN	71	72	71	68	69	69	68	66	63	68	71	69	70	69	70	73	72	66	62	65	65	73	74	55	55	58	64	53	53	53		65.8
DARLINGTON	17	MAX	90	89	81	80	78	85	84	83	87	90	91	90	89	86	90	88	86	84	78	77	87	87	86	81	81	73	73	77	80	78		83.6
		MIN	69	73	73	63	68	69	68	66	66	68	70	70	67	68	71	74	65	61	65	64	72	73	70	54	54	58	62	50	61	63		65.8
DILLON	07	MAX	90	88	89	81	87	87	83	83	83	85	89	89	89	88	85	88	88	83	80	80	80	87	87	83	68	66	74	70	74	80		82.8
		MIN	68	68	73	65	64	64	68	63	65	65	65	71	68	67	69	69	68	63	62	62	62	62	71	54	55	56	61	51	51	61		63.7
FLORENCE FAA AP	MID	MAX	91	93	85	83	83	87	86	86	89	91	91	90	90	87	92	89	88	85	73	80	90	88	84	75	64	78	73	78	85	74		84.3
		MIN	69	74	68	65	68	71	70	67	66	68	71	69	67	70	70	73	67	62	67	65	73	73	62	55	55	60	57	51	62	64		66.0
FLORENCE 8 NE	07	MAX	89	91	91	83	82	82	85	85	84	89	90	91	90	89	86	90	90	86	83	73	80	88	86	83	70	64	75	72	76	83		83.5
		MIN	67	69	73	64	68	68	68	65	64	67	71	69	65	66	68	72	66	60	60	64	65	72	70	54	54	55	63	50	52	62		64.4
GEORGETOWN 2 E	17	MAX	89	92	88	79	84	85	85		89	86	87	87	86	88	88	89	85	85	83										85			M
		MIN	70	73	72	69	74	70	71		66	66	66	68	68	71	70	75	70	67	69										55			M
KINGSTREE 1 SE	07	MAX	92	93	94	83	80	84	86	86	83	90	90	92	91	90	91	93	88	87	86	72	77	89	90	85	72	65	80	77	82	88		85.2
		MIN	69	69	68	63	63	68	68	62	61	61	63	65	63	63	67	67	65	61	60	63	63	72	70	53	52	55	60	53	53	60		62.7
LAKE CITY 1 SE	06	MAX	89	89	92	81	78	82	84	82	84	87	87	89	87	88	83	88	86	84	81	71	87	87	85	83	74	70	77	77	77	82		83.0
		OBS																						***	***	***	***	***						
		MIN	68	69	71	64	64	67	70	64	62	63	64	67	67	64	68	68	68	63	62	63	63	65	70	57	57	58	64	53	53	60		63.9
		OBS																							***	***	***	***						
LORIS 1 S	07	MAX	90	90	91	84	78	85	85	84	82	87	89	88	89	88	87	88	89	85	81	72	84	85	88	81	70	76	80	74	78	81		83.6
		MIN	67	67	70	66	66	69	65	63	63	63	66	68	64	65	68	68	68	63	63	64	64	73	69	53	53	57	62	51	51	58		63.6
MARION 2 W	17	MAX	92	93	85	82	85	85	84	84	88	94	91	90	89	87	91	90	88	83	72	81	83	85	87	75	67	79	73	77	84	74		83.9
		MIN	67	71	71	64	67	70	68	65	63	65	69	68	65	68	69	72	66	62	67	64	66	68	66	55	56	58	60	50	59	63		64.7
MC COLL 3 NNW	17	MAX	86	89	84	82	80	84	84	83	88	93	89	85	88	85	91	88	84	80	73	82	80	84	84	83	63	67	72	74	80	70		81.8
		OBS																						***	***	***								
		MIN	65	64	64	63	69	76	67	65	66	67	65	62	67	66	69	70	62	59	66	63	64	66	67	54	52	59	57	49	60	64		63.6
		OBS																						***	***	***								
MYRTLE BEACH 2	07	MAX	88	88	90	86	79	77	85	87	83	86	89	86	86	86	83	89	89	84	86	74	86	82	85	85	77	83	83	75	78	82		83.9
		OBS																					***											
		MIN	71	78	74	69	68	73	68	67	66	69	69	70	71	70	73	75	70	67	66	65	67	79	73	55	56	56	56	54	57	61		67.1
		OBS																					***											
PAGELAND	17	MAX	89	88	85	79	78	81	80	84	87	91	91	88	86	86	88	85	85	81	78	78	86	84	84	83	66	71	71	72	76	72		81.8
		MIN	65	71	71	61	66	67	69	64	66	70	71	71	66	64	71	74	58	59	62	62	71	70	67	57	51	56	59	47	58	62		64.2
WEST CENTRAL 05																																		
AIKEN 4 NE	17	MAX	92	95	94	86	83	86	85	93	94	94	94	93	88	89	86	92	86	84	81	75	83	87	87	88	67	69	75	73	82	80		85.4
		MIN	67	73	68	63	66	69	70	70	71	70	71	68	64	62	61	63	58	59	60	61	69	69	68	54	55	59	63	57	62	64		64.5
CALHOUN FALLS	07	MAX	89	89	93	80	83	70	75	80	87	90	92	92	93	89	90	90	84	83	81	81	79	81	86	83	67	58	76	73	65	72		81.7
		MIN	68	68	72	62	63	65	68	64	64	66	66	70	70	63	63	68	58	58	60	61	63	67	67	52	51	51	51	55	55	60		62.3
CLARKS HILL 1 W	08	MAX	87	88	94	84	86	76	84	86	89	91	93	92	94	90	89	93	87	85	84	79	75	82	88	85	68	58	74	75	78	77		83.7
		MIN	67	67	70	59	59	63	67	69	69	65	66	66	66	63	63	65	58	59	58	59	60	64	64	50	50	49	55	53	54	58		61.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

SOUTH CAROLINA
SEPTEMBER 1989

STATION	OB. TIME	MAX/MIN	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
			DAY OF MONTH																															
GREENWOOD 3 SW	07	MAX	88	86	90	78	81	69	74	80	85	88	89	89	88	85	87	87	83	81	78	75	73	81	82	82	66	57	73	70	67	71		79.4
		MIN	67	66	70	62	61	64	67	64	64	65	65	67	68	63	63	66	55	55	59	58	60	66	65	51	50	50	57	53	53	59		61.1
JOHNSTON 4 SW	07	MAX	91	91	94	79	83	72	81	83	88	91	94	94	93	90	88	93	86	85	82	73	75	83	86	85	65	59	72	73	71	76		82.5
		MIN	67	69	71	61	60	65	65	65	65	68	68	68	67	64	65	66	58	58	60	60	62	66	68	52	52	52	57	55	54	60		62.3
LITTLE MOUNTAIN	18	MAX	86	89	82	79	76	76	76	82	85	86	87	86	86	83	87	86	81	77	73	71	84	83	81	71	61	71	69	68	71	68		78.7
		MIN	69	72	69	60	64	67	68	65	69	69	70	68	69	66	69	69	59	58	61	61	68	68	67	50	51	56	60	52	58	61		63.8
NEWBERRY	18	MAX	92	93	88	84	82	77	82	89	90	93	93	92	90	88	90	86	85	82	77	74	87	85	85	81	66	74	72	71	75	70		83.1
		MIN	67	71	69	61	64	66	70	65	65	67	68	66	69	63	66	71	56	56	61	60	68	66	66	50	51	55	59	52	59	61		62.9
SALUDA	08	MAX	91	91	90	78	83	69	77	81	86	90	91	93	91	88	87	91	84	82	80	72	72	83	84	83	66	57	71	72	70	72		80.8
		MIN	66	67	71	59	61	64	68	63	63	67	67	68	66	61	61	67	56	57	58	59	62	66	66	51	51	51	56	53	53	58		61.2
CENTRAL	06																																	
BISHOPVILLE 3 W	07	MAX	88	90	92	80	81	82	77	82	85	88	90	92	90	88	87	88	89	88	82	72	77	88	87	86	69	61	73	71	75	81		82.6
		MIN	64	67	68	58	58	64	64	61	60	61	63	64	63	63	64	66	59	57	57	60	62	70	65	55	49	50	56	49	52	56		60.2
		OBS																							28									
COLUMBIA WSFO AP	MID	MAX	94	95	82	85	75	82	81	88	93	92	94	92	91	88	92	89	88	85	74	75	91	86	88	69	63	72	75	77	80	74		83.7
		MIN	70	73	72	63	68	70	67	65	67	68	70	71	68	68	70	70	62	66	64	65	72	71	63	55	55	59	60	56	63	65		65.9
COLUMBIA UNIV OF SC	17	MAX	94	98	93	87	85	82	83	88	90	91	93	91	90	88	91	89	89	88	82	76	89	86	86	84	69	71	76	77	82	76		85.5
		MIN	72	73	74	63	67	69	69	67	69	70	70	71	69	70	71	70	64	64	64	65	70	68	68	54	54	58	63	55	62	62		66.2
HOLLY HILL	18	MAX	92	90	85	82	81	82	83	90	91	92	90	89	90	90	88	86	84	82	85	81	80	78	80	78	79	78	76	78	80	82		84.1
		MIN	74	72	70	70	68	70	69	68	71	70	69	70	70	71	70	71	70	67	68	65	67	66	67	57	59	55	56	56	67	70		67.1
MANNING	08	MAX	91	92	91	85	82	83	87	87	87	90	90	90	91	90	85	91	89	89	85	79	75	89	88	83	76	74	77	76	80	87		85.3
		MIN	70	71	70	63	68	68	71	67	65	67	68	69	67	66	69	69	66	64	62	62	65	68	55	55	58	61	61	54	55	63		64.6
ORANGEBURG 2	MID	MAX	90	91	91	84	76	81	83	86	89	87	88	88	89	89	88	87	86	84	73	74	86	84	83	72	61	73	74	77	82	78		82.5
		OBS			***																													
		MIN	71	72	73	63	68	71	71	66	66	67	69	68	65	65	71	73	65	63	65	66	71	70	69	56	56	60	63	56	64	67		66.3
		OBS			***																													
PELION 4 NW	17	MAX	91	91	90	82	83	81	77	78	85	88	89	89	89	88	88	87	86	82	80	73	85	85	85	84	66	68	72	76	79	78		82.5
		MIN	69	69	73	62	62	67	70	70	66	65	65	66	68	63	65	70	60	63	63	63	70	66	66	54	54	59	59	56	55	64		64.1
SANDHILL EXP STATION	08	MAX	88	91	92	79	82	74	81	81	86	89	89	90	89	87	86	88	87	85	81	72	74	87	85	84	67	59	70	72	74	79		81.6
		MIN	68	68	72	61	63	65	69	65	66	68	69	69	67	67	68	69	63	61	61	64	64	67	68	51	52	52	57	52	52	60		63.3
SUMTER	07	MAX	90	92	92	83	82	81	84	84	86	91	89	90	90	90	87	86	88	89	85	73	77	83	87	85	69	69	76	74	78	84		83.8
		OBS						***																				***						
		MIN	70	71	71	62	62	63	69	66	65	65	67	69	66	65	67	66	65	61	62	64	64	68	68	54	54	54	62	53	52	62		63.6
		OBS																										***						
WEDGEFIELD	18	MAX	88	88	79	81	76	81	81	84	86	87	86	86	87	82	86	86	84	83	76	73	85	85	77	78	72	78	77	77	78	77		81.5
		OBS																						***		***	***	***	***	***	***	***		
		MIN	67	69	70	60	65	67	66	63	63	64	66	66	64	65	67	60	63	58	62	63	68	67	72	58	57	60	62	57	63	63		63.8
		OBS																						***		***	***	***	***	***	***	***		
SOUTHERN	07																																	
ALLENDALE	08	MAX	91	92	95	86	85	82	86	88	88	90	90	91	90	92	90	91	89	89	84	86	76	80	87	85	63	63	71	74	74	85		84.4
		MIN	69	70	72	66	65	66	69	65	65	65	66	65	64	66	65	67	62	60	63	61	64	66	66	58	52	53	58	55	54	62		63.3
BAMBERG	18	MAX	89	91	90	83	79	82	83	85	87	88	89	87	87	85	88	87	85	83	79	74	84	84	82	81	64	70	71	73	82	79		82.4
		MIN	72	72	71	64	68	71	71	67	67	66	68	68	66	70	70	71	64	62	64	66	71	70	69	56	55	61	61	57	63	67		66.3
BEAUFORT 7 SW	17	MAX	88	91	86	78	86	81	84	85	86	86	86	87	88	85	88	85	84	83	80	73	76	81	79	75	67	81	81	73	81	82		82.2
		OBS																					***											
		MIN	73	77	74	68	70	74	74	69	70	69	71	69	71	71	73	72	73	68	67	67	73	67	70	57	59	65	65	60	67	71		69.1
		OBS																					***											
BLACKVILLE 3 W	17	MAX	91	94	94	84	83	82	81	87	90	90	91	91	91	89	92	91	90	90	83	78	84	86	86	83	67	68	73	74	83	84		85.0
		MIN	71	71	72	64	67	70	71	66	66	67	68	67	65	68	70	67	62	62	62	65	70	69	68	58	55	59	62	56	62	66		65.5
CHARLESTON WSO AP	MID	MAX	91	94	85	79	81	84	87	87	89	89	89	89	88	85	91	88	87	84	73	78	84	86	83	71	70	81	74	77	83	82		83.6
		MIN	74	77	73	68	72	74	73	70	69	70	71	71	72	73	73	73	72	69	68	66	73	73	71	57	59	65	65	60	66	72		69.6
CHARLESTON WSO CI	MID	MAX	86	86	83	80	82	80	83	82	84	83	83	85	82	83	85	84	83	81	74	77	82	82	79	74	68	79	72	75	81	80		80.6
		MIN	77	78	75	70	77	75	75	73	73	73	75	75	74	76	75	73	75	71	69	67	75	76	73	59	62	67	66	63	67	74		71.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

SOUTH CAROLINA
SEPTEMBER 1989

STATION	OB. TIME	MAX/MIN	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
EDISTO ISLAND 3 SW	07	MAX	89	89	90	84	79	85	81	83	84	84	86	87	86	87	88	89	86	88	84	79	76	87	87	83	77	74	79	75	79	85		83.7
		OBS	***																					***	***	***	***	***	***			***		
		MIN	73	74	73	68	68	73	74	69	69	71	70	69	72	73	73	67	68	71	68	65	67	64	67	64	64	66	62	61	69	69		68.7
		OBS	***																					***	***	***	***	***				***		
HAMPTON	17	MAX	89	92	92	83	83	84	86	86	87	88	88	89	89	88	89	89	87	86	83	74	80	85	84	84	64	72	72	73	84	83		83.8
		MIN	72	73	70	66	69	73	72	69	68	68	68	68	67	68	69	62	68	64	66	65	71	70	70	56	56	59	67	58	65	70		66.9
		OBS																											47	43				
HILTON HEAD	16	MAX	88	89	83	80	84	83	82	85	85	86	87	88	86	87	87	86	86	82	82	73	76	82	80	74	69	81	79	71	80	81		82.1
		OBS																					***											
		MIN	72	75	73	69	69	75	76	69	68	67	67	65	69	72	71	72	70	70	68	67	72	67	70	58	60	65	64	61	67	71		68.6
		OBS																					***	***										
MC CLELLANVILLE	17	MAX																																M
		MIN																																M
PINOPOLIS DAM	07	MAX	91	91	93	86	80	80	82	85	84	88	89	90	90	87	85	90	88	88	84	73	77	87	87	85	75	71	77	75	79	83		84.0
		OBS																						***	***	***	***	***						
		MIN	70	72	71	73	65	70	69	67	66	69	71	69	68	70	72	73	68	66	66	65	66	71	71	60	60	62	67	57	57	65		67.2
		OBS																						***	***	***	***							
RIDGELAND 5 NE	18	MAX	88	91	81	79	84	80	84	86	87	85	86	86	88	85	88	85	84	82	79	73	75	83	79	75	65	79	75	72	82	82		81.6
		MIN	71	74	72	66	70	66	72	68	68	68	69	68	69	73	69	71	71	66	66	67	71	68	70	58	58	64	67	59	66	70		67.8
SULLIVANS ISLAND	16	MAX																																M
		MIN																																M
SUMMERVILLE	07	MAX	90	90	92	85	81	77	82	88	89	90	88	90	90	91	86	90	86	88	85	72	78	84	85	84	72	71	82	75	77	86		84.1
		MIN	71	71	72	67	69	73	71	67	67	67	67	68	68	71	69	70	69	68	68	66	66	66	66	56	56	57	65	56	56	64		66.2
WALTERBORO 2 SW	17	MAX													91	88	91	92	94	90	85	73	82	77	85	85	80	84	86	87	87	86		M
		MIN													66	71	67	70	69	64	66	65	71	64	69	67	68	60	57	57	65	70		M
YEMASSEE	16	MAX	90	92	86	81	85	85	86	87	88	89	89	89	89	85	88	90	92	84	81	75	80	86	85	80	66	76	78	78	84	83		84.2
		MIN	68	72	72	65	70	71	72	66	65	64	66	65	65	70	66	70	69	63	70	66	70	70	69	56	57	63	70	59	68	69		66.9
		OBS																												***				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY SOIL TEMPERATURES

SOUTH CAROLINA
SEPTEMBER 1989

STATION	DEPTH	TIME	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
SOUTH CAROLINA NORTHWEST 02 CLEMSON UNIVERSITY	(IN)																																	
	4	MAX	92	87	94	85	91	81	76	85	91	92	92	89	92	87	89	86	84	85	87	86	85	83	79	82	76	67	78	74	70	70		83.8
	4	MIN	79	79	80	76	75	75	75	75	77	77	78	79	79	76	76	77	72	71	71	71	71	75	73	68	67	67	67	65	65	68		73.5
NORTHEAST 04 FLORENCE 8 NE	(IN)																																	
	4	MAX	84	82	83	80	77	78	77	80	80	80	81	81	81	82	80	79	81	80	78	76	76	77	77	77	74	71	72	73	72	74		78.1
	4	MIN	79	79	80	77	77	77	77	77	77	76	77	78	78	77	78	78	78	76	76	69	69	76	76	72	71	70	70	71	69	70		75.2
CENTRAL 06 SANDHILL EXP STATION	(IN)																																	
	4	MAX	88	92	94	83	83	74	79	81	84	84	87	90	89	91	85	87	84	85	84	75	75	81	80	82	77	66	70	74	73	72		81.6
	4	MIN	78	77	72	72	71	74	74	75	73	75	73	77	78	78	77	78	76	70	69	72	73	73	73	75	66	62	64	64	62	65		72.2
SOUTHERN 07 BLACKVILLE 3 W	(IN)																																	
	4	MAX	89	90	89	85	85	82	83	85	86	87	87	87	87	87	88	88	88	89	88	80	80	80	82	82	74	70	72	72	76	76		83.1
	4	MIN	83	83	84	77	80	79	80	78	80	80	80	80	81	82	82	82	81	78	80	77	78	75	77	74	68	68	69	68	70	73		77.6

STATION NAME	SOIL TYPE	SOIL COVER	SLOPE	UNITS
BLACKVILLE 3 W	NORFOLK SANDY LOAM	SOD	0%	F
CLEMSON UNIVERSITY	MADISON & CECIL SANDY LOAM	BARE	0%	F
FLORENCE 2 N	MARLBORO SANDY LOAM	SOD	0%	F
SANDHILL EXP STATION	LAKELAND SAND	SOD	0-1%	F

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

SOUTH CAROLINA
SEPTEMBER 1989

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
SOUTH CAROLINA																																	
NORTHWEST 02																																	
CLEMSON UNIVERSITY	WIND	22	17	32	90	87	88	41	13	11	12	14	14	13	9	9	8	29	11	44	22	35	67	53	72	89	66	46	76	41	36		1167
	EVAP	22	13	22	20	26	6	2	11	19	17	19	16	19	10	19	10	20	15	18	13	10	13	14	26	17	5	13	14	5	0		4.34
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
SIMMS WATER PLANT	WIND	19	19	35	54	33	25	9	10	10	12	11	14	6	4	6	22	13	23	27	15	35	93	21	61	22	20	39	20	3	11		692
	EVAP	22	15	26	27	11	1	6	15	21	20	19	19	12	14	18	15	18	22	12	9	7	-	13	29	1	8	22	12	0	1		4.29B
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
NORTHEAST 04																																	
FLORENCE 8 NE	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	EVAP	21	19	15	21	13	10	16	15	15	15	18	16	17	15	13	12	17	14	17	1	5	-	-	-	10	0	5	18	12	8		3.98B
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
WEST CENTRAL 05																																	
CLARKS HILL 1 W	WIND	-	6	10	20	33	25	9	4	8	9	7	9	8	8	5	10	5	15	21	15	8	33	15	19	24	19	9	24	11	10		413B
	EVAP	7	13	20	15	19	2	6	5	18	15	16	15	15	19	12	13	12	15	17	6	5	-	15	23	7	2	0	18	5	-		3.59B
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
SOUTHERN 07																																	
BLACKVILLE 3 W	WIND	6	6	18	66	69	31	24	13	6	7	8	8	15	14	8	21	10	32	42	27	21	118	29	67	79	35	55	60	20	26		941
	EVAP	16	18	14	22	18	6	15	15	16	21	18	16	20	16	12	21	21	27	15	9	5	-	15	23	7	*	11	17	8	11		4.48B
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

SOUTH CAROLINA
SEPTEMBER 1989

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES (LOCAL STD TIME) TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	OBSERVER
SOUTH CAROLINA											
AIKEN 4 NE	0074	05	AIKEN	33 36	81 41W	400	17	08		H	JAMES L BRYANT
ALLENDALE	0126	07	ALLENDALE	33 0	81 18W	180	08	08		H	COUNTY AGENTS OFFICE
ANDERSON	0165	02	ANDERSON	34 32	82 40W	800	17	17		H	ANDERSON FIRE DEPT
ANDERSON FAA AP	0170	02	ANDERSON	34 30	82 43W	760	19	07		H	FAA
ANDREWS	0184	04	GEORGETOWN	33 26	79 34W	30	18	18			FRANK A BULLETT
ANTREVILLE	0204	05	ABBEVILLE	34 20	82 33W	723		07			MRS RUBY BOWEN
BAMBERG	0448	07	BAMBERG	33 17	81 2W	165	18	18		H	DR BEAUCHAM F GREENE
BATESBURG	0506	06	LEXINGTON	33 54	81 32W	660		08		H	BATESBURG WTR FILT PLT
BEAUFORT 7 SW	0559	07	BEAUFORT	32 23	80 46W	20	17	17		H	RALPH B RENTZ
BISHOPVILLE 3 W	0736	06	LEE	34 14	80 18W	290	07	07		C H	JAMES M AMERSON
BLACKVILLE 3 W	0764	07	BARNWELL	33 22	81 19W	324	17	17	17	GH	EDISTO EXP STATION
BLAIR 1 NE	0777	03	FAIRFIELD	34 26	81 24W	450		07			DAVID L DAVIS
BRANCHVILLE 6 S	0972	07	BAMBERG	33 13	80 48W	95		08		H	BURNETT R WHETSTONE
BROOKGREEN GARDENS	1093	04	GEORGETOWN	33 31	79 5W	20	17	17		H	BROOKGREEN GARDENS
CAESARS HEAD	1256	01	GREENVILLE	35 6	82 38W	3200	08	08			CHARLES IRVIN PITTS
CALHOUN FALLS	1277	05	ABBEVILLE	34 5	82 35W	530	07	07		C H	MARY CYNTHIA KIMSEY
CAMDEN 3 W	1310	03	KERSHAW	34 15	80 39W	140	06	06		H	DOLLY J BRANHAM
CATAWBA	1462	03	YORK	34 51	80 55W	560		08			JAMES C FARIS
CHAPPELLS 2 NNW	1530	05	NEWBERRY	34 12	81 53W	475		07		H	MRS PRISCILLA B SHULER
CHARLESTON WSO AP	1544	07	CHARLESTON	32 54	80 2W	41	MID	MID	08	C HJ	NATL WEATHER SERVICE
CHARLESTON WSO CI R	1549	07	CHARLESTON	32 47	79 56W	10	MID	MID		C J	NATL WEATHER SERVICE
CHERAW	1588	04	CHESTERFIELD	34 42	79 53W	140	07	07		H	CHERAW WATER FILTER PLAN
CHESTER 1 E	1633	03	CHESTER	34 43	81 11W	525	07	07		H	L ANDY WEIR
CLARKS HILL 1 W	1726	05	MC CORMICK	33 40	82 11W	380	08	08	08	C H	U S CORPS OF ENGINEERS
CLEMSON UNIVERSITY	1770	02	PICKENS	34 41	82 49W	819	08	08	08	CGH	CLEMSON AGRI WEATHER OFC
CLEVELAND 4 S	1804	01	GREENVILLE	35 2	82 30W	1070		07			JAMES E MC MAKIN
COLUMBIA WSFO AP R	1939	06	LEXINGTON	33 57	81 7W	213	MID	MID		C HJ	NATL WEATHER SERVICE
COLUMBIA UNIV OF SC	1944	06	RICHLAND	33 59	81 1W	242	17	17		H	UNIV OF SOUTH CAROLINA
CONWAY	1997	04	HORRY	33 50	79 3W	20	07	07			CONWAY FIRE DEPT
DARLINGTON	2260	04	DARLINGTON	34 18	79 53W	150	17	17		H	WILLIE J JONES
DILLON	2386	04	DILLON	34 25	79 23W	115	07	07			EARL R GADDY
EDGEFIELD 1 SE	2712	05	EDGEFIELD	33 47	81 55W	540		07		H	MARK DAVIS
EDISTO ISLAND 3 SW	2730	07	COLLETON	32 29	80 20W	10	07	07		H	FAIRFIELD OCEAN RIDGE
EFFINGHAM	2757	04	FLORENCE	34 4	79 45W	106		08		H	WM B GILLESPIE JR
FLORENCE FAA AP	3106	04	FLORENCE	34 11	79 43W	146	MID	MID		HJ	FAA-FSS
FLORENCE 8 NE	3111	04	DARLINGTON	34 18	79 44W	120	07	07	07	G	CLEMSON RESEARCH & ED CE
FORT MILL 4 NW	3216	03	YORK	35 1	81 0W	569		MID			DUKE POWER COMPANY
GAFFNEY 6 E	3356	02	CHEROKEE	35 5	81 34W	650		07		H	MRS ALICE R COBB
GASTON SHOALS	3433	02	CHEROKEE	35 8	81 36W	600		08			DUKE POWER COMPANY
GEORGETOWN 2 E	3468	04	GEORGETOWN	33 21	79 15W	10	17	17		C	BARUCH FOREST SCNC INST
GIVHANS FERRY 2 ESE	3525	07	DORCHESTER	33 1	80 21W	55		07		H	RONALD WIGGINS
GREAT FALLS	3700	03	CHESTER	34 33	80 53W	356		MID			DUKE POWER COMPANY
GRNVLE-SPARTBG WSO AP R	3747	02	GREENVILLE	34 54	82 13W	973	MID	MID		C HJ	NATL WEATHER SERVICE
GREENWOOD 3 SW	3754	05	GREENWOOD	34 10	82 12W	615	07	07		H	WMTY RADIO
HAMPTON	3906	07	HAMPTON	32 52	81 7W	95	17	17		H	COUNTY EXTENSION SVC
HILTON HEAD	4169	07	BEAUFORT	32 13	80 45W	15	16	16		H	HONEY HORN PLANTATION
HOGBACK MOUNTAIN	4177	01	GREENVILLE	35 10	82 17W	3230		07		H	WSPA-TV
HOLLY HILL	4197	06	ORANGEBURG	33 20	80 25W	100	18	18		H	JOE WHITE
JOHNSTON 4 SW	4607	05	EDGEFIELD	33 47	81 51W	620	07	07			J OLIN BERRY
KERSHAW	4690	03	LANCASTER	34 33	80 35W	500	08	08			JOHN V FAILE JR
KINGSTREE 1 SE	4753	04	WILLIAMSBURG	33 39	79 49W	58	07	07		H	JOHN MELVIN BROWN
LAKE CITY 1 SE	4886	04	FLORENCE	33 51	79 44W	75	06	06		H	RADIO STATION WJOT
LAURENS	5017	02	LAURENS	34 30	82 2W	589	08	08		C	LAURENS FILTER PLANT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES LOCAL STD TIME: TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	OBSERVER
LITTLE MOUNTAIN	5200	05	NEWBERRY	34 12	81 25W	711	18	18		H	MRS MARGARET S JAYROE
LOCKHART	5232	02	UNION	34 47	81 28W	400		08		C	LOCKHART POWER CO
LONGCREEK	5278	01	OCONEE	34 47	83 16W	1630	18	08		C	MRS GLADYS M COBB
LORIS 1 S	5306	04	HORRY	34 3	78 53W	90	07	07		C H	EARL J SPIVEY SR
MANNING	5493	06	CLARENDON	33 41	80 14W	100	08	08		C H	WILLIE J GIBSON
MARION 2 W	5509	04	MARION	34 10	79 26W	55	17	17		H	ROBERT E KNIGHT
MC CLELLANVILLE	5628	07	CHARLESTON	33 5	79 29W	10	17	17		H	JOHN W FINGER
MC COLL 3 NNW	5633	04	MARLBORO	34 43	79 34W	190	17	17		H	MRS ELIZABETH G FOLEY
MC CORMICK 9 E	5658	05	EDGEFIELD	33 55	82 9W	495		08		H	MRS TRULA W PRICE
MYRTLE BEACH 2	6153	04	HORRY	33 44	78 51W	30	07	07		H	MYRTLE BEACH FIRE DEPT
NEWBERRY	6209	05	NEWBERRY	34 17	81 37W	476	18	18		C H	NEWBERRY FIRE DEPT
NINETY NINE ISLANDS	6293	02	CHEROKEE	35 3	81 30W	500	MID	MID		H	DUKE POWER COMPANY
OAKWAY 3 WSW	6423	02	OCONEE	34 35	83 4W	860		07		H	CHARLES R TURNER
ORANGEBURG 2	6527	06	ORANGEBURG	33 30	80 52W	160	MID	MID		H	ORANGEBURG WATER FILT PL
PAGELAND	6616	04	CHESTERFIELD	34 45	80 24W	615	17	17			PAGELAND WATER WORKS
PARR	6688	03	FAIRFIELD	34 16	81 20W	258	07	07		H	SC ELECTRIC & GAS CO
PEE DEE	6749	04	MARION	34 12	79 32W	60		07		H	DEBORAH B BOAN
PELION 4 NW	6775	06	LEXINGTON	33 48	81 17W	450	17	07		H	MRS SHIRLEY B KNEECE
PICKENS 5 SE	6831	02	PICKENS	34 50	82 38W	1140	17	08		C H	CHARLES B SMITH
PINOPOLIS DAM	6893	07	BERKELEY	33 15	79 59W	50	07	07		H	SC PUB SERV AUTHORITY
RIDGELAND 5 NE	7281	07	JASPER	32 32	80 54W	20	18	18		H	CHESTER C STEWART
RIMINI 2 SSW	7313	06	CLARENDON	33 38	80 31W	80		07		H	LOUIS T ELLIOTT
SALEM 1 SW	7589	02	OCONEE	34 53	82 59W	980	08	08		H	WOODROW LUSK
SALUDA	7631	05	SALUDA	33 59	81 46W	480	08	08		H	COMMISSION OF PUBLIC WOR
SANDHILL EXP STATION	7666	06	RICHLAND	34 8	80 52W	440	08	08	08	GH	SANDHILL EXP STN
SANTUCK	7722	02	UNION	34 38	81 31W	520	18	18		H	MALCOLME C GREGORY
SIMMS WATER PLANT	7885	02	SPARTANBURG	35 7	81 58W	748	18	18	18	H	SPARTANBURG WATER WORKS
SPARTANBURG 3 SSE	8188	02	SPARTANBURG	34 54	81 55W	610	17	17		H	SPARTANBURG SANT SEWER D
SPRINGFIELD	8219	06	ORANGEBURG	33 30	81 17W	300		07			MRS MARION F DAVIS
SULLIVANS ISLAND	8405	07	CHARLESTON	32 46	79 51W	5	16	16		H	NATIONAL PARK SERVICE
SUMMERVILLE	8426	07	DORCHESTER	32 59	80 11W	35	07	07		H	RICHARD B SHENOT
SUMTER	8440	06	SUMTER	33 56	80 21W	177	07	07			WALTER ELMORE
UNION 8 SW	8786	02	UNION	34 39	81 45W	565	07	07			R D MURPHY SR
WALHALLA	8887	02	OCONEE	34 45	83 5W	980	17	07		H	MISS HENRIETTA BRANDT
WALTERBORO 2 SW	8922	07	COLLETON	32 53	80 41W	56	17	17		H	RADIO STATION WALD
WARE SHOALS	8947	05	GREENWOOD	34 24	82 15W	642		08		C H	CHARLES A CHESHIRE
WATEREE DAM	8979	03	KERSHAW	34 20	80 42W	226		MID			DUKE POWER COMPANY
WEDGEFIELD	9039	06	SUMTER	33 54	80 31W	250	18	18		H	HARRY H NEWSOM
WEST PELZER	9122	02	ANDERSON	34 39	82 28W	850	08	08		H	CHARLES TERRY DRAKE
WHITMIRE 4 NE	9218	02	UNION	34 32	81 33W	400		14			GEORGE F ALVERSON
WINNSBORO	9327	03	FAIRFIELD	34 22	81 5W	560	08	08		C H	TOWN OF WINNSBORO
WINTHROP COLLEGE	9350	03	YORK	34 56	81 2W	690	18	18		H	WILLIAM L CULP
WOODRUFF 5 NW	9412	02	SPARTANBURG	34 46	82 6W	740		08			SAMANTHA R WADDELL
YEMASSEE	9469	07	BEAUFORT	32 41	80 51W	25	16	16		H	LAB ANIMAL BREEDERS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in a rooftop shelter.
- // Rain Gage equipped with a windshield.
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table.
- J Station also published as a Local Climatological Data publication.
- MID Observation time is midnight.
- MO Rain gage read once monthly, usually the last day.
- OC Rain gage readings vary from a few weeks to several months.
- R Amounts from recording rain gage.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- WI Rain gage read weekly or irregularly.
- WM Rain gage read weekly and last day of month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK entries in the "Monthly Summarized Data" table indicate no record.
BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.
BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- \- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- \+ Precipitation or temperature extremes occurred on one or more previous dates during the month.
- *** Missing original temperature which has been estimated during edit.
- * Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data " annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. SEPTEMBER 1989-0500

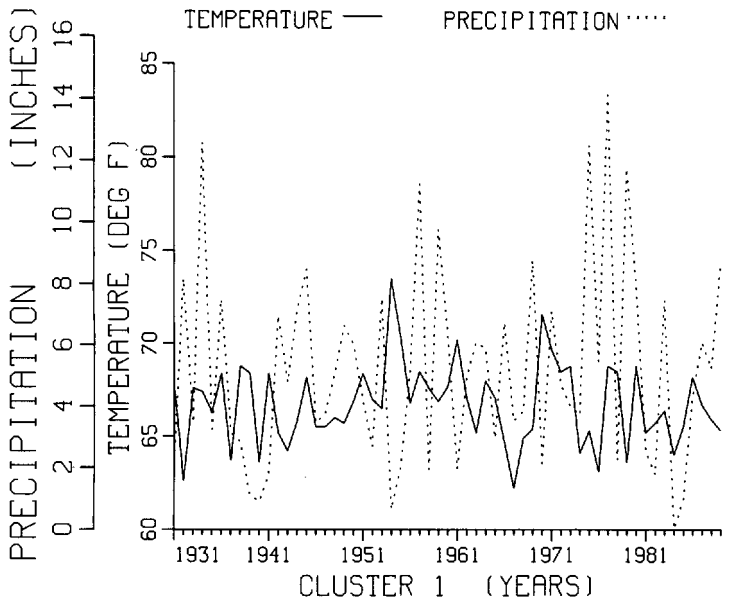
MEAN MONTHLY TEMPERATURES AND PRECIPITATION
THE MONTH OF: SEPTEMBER
THE PERIOD OF: 1931 – 1989
SOUTH CAROLINA

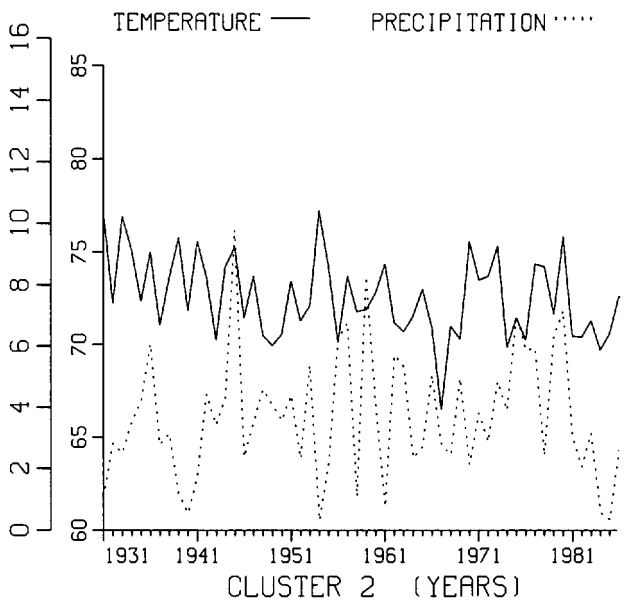
CLUSTER 1 -DIVISION(S):
MOUNTAIN 01

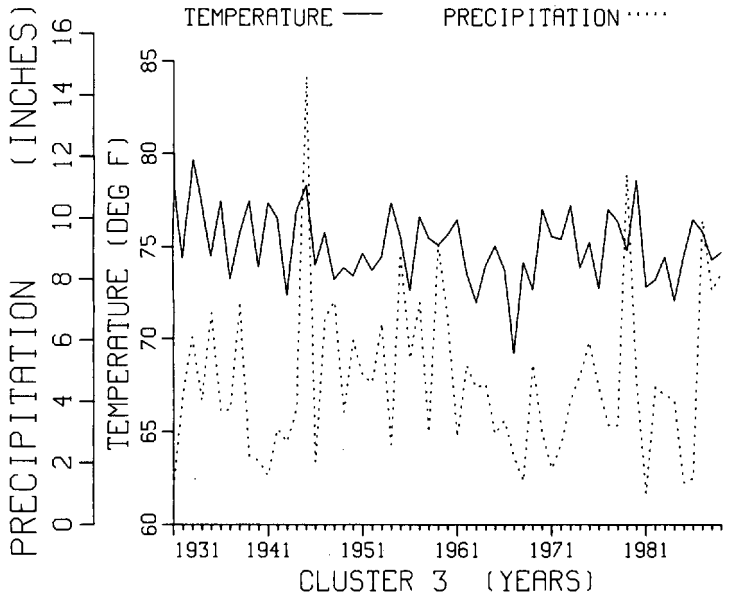
CLUSTER 2 -DIVISION(S):
NORTHWEST 02
NORTH CENTRAL 03

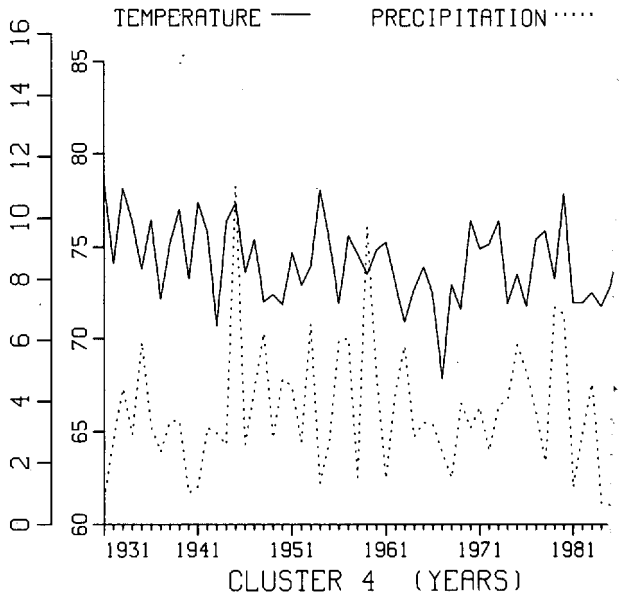
CLUSTER 3 -DIVISION(S):
NORTHEAST 04
SOUTHERN 07

CLUSTER 4 -DIVISION(S):
WEST CENTRAL 05
CENTRAL 06









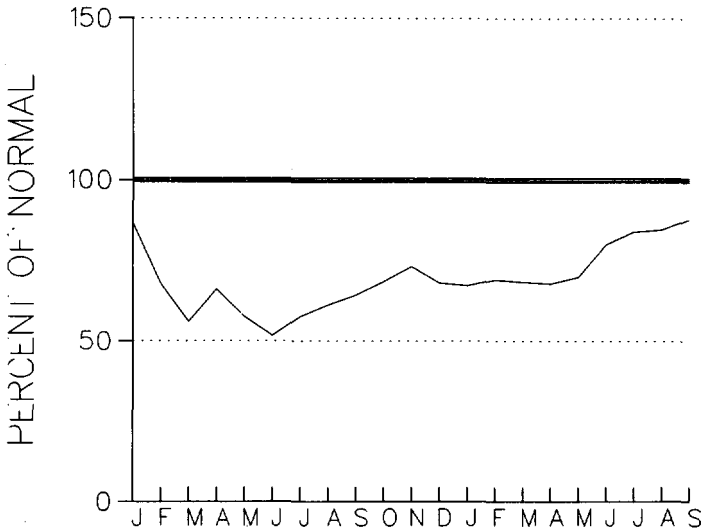
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
FOR THE LAST 21 MONTHS
ENDING SEPTEMBER 1989
SOUTH CAROLINA

CLUSTER 1 –DIVISION(S):
MOUNTAIN 01

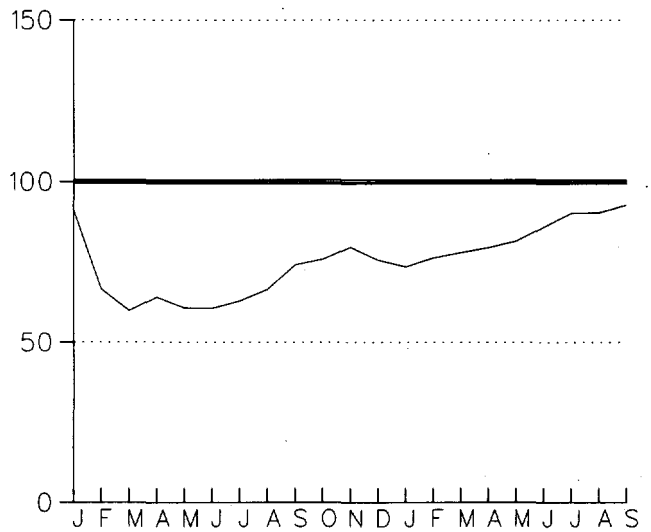
CLUSTER 2 –DIVISION(S):
NORTHWEST 02
NORTH CENTRAL 03

CLUSTER 3 –DIVISION(S):
NORTHEAST 04
SOUTHERN 07

CLUSTER 4 –DIVISION(S):
WEST CENTRAL 05
CENTRAL 06



CLUSTER 1



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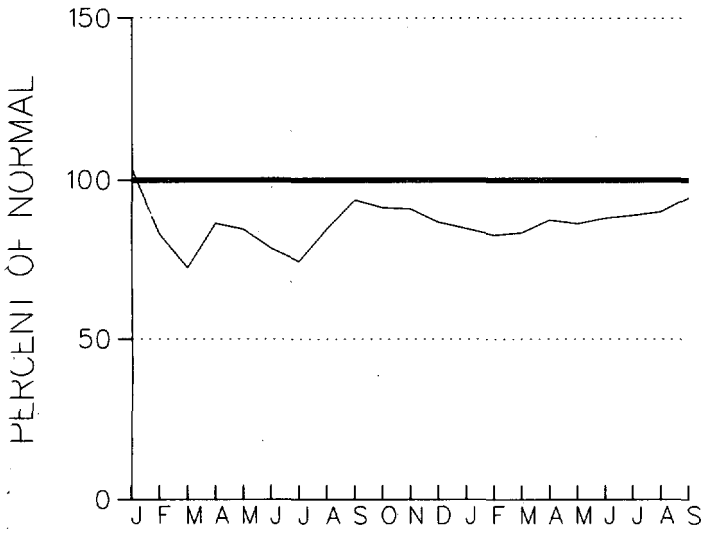

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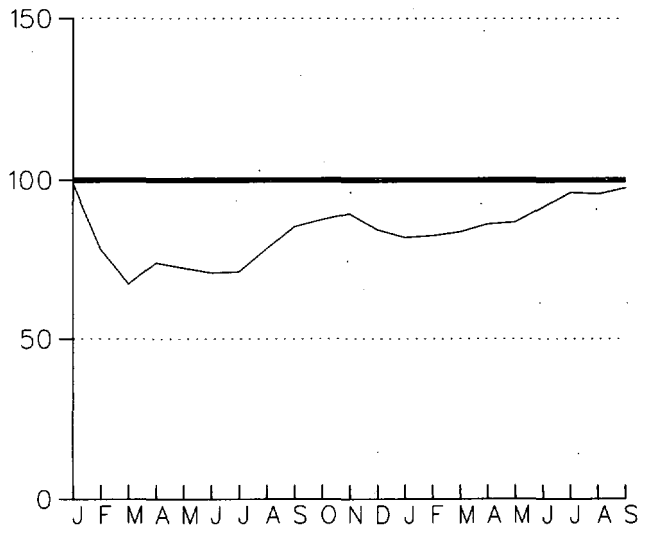

CLUSTER 4

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S O U T H C A R O L I N A - S E P T E M B E R 1 9 8 9

SPECIAL WEATHER SUMMARY

John C. Purvis
State Climatologist Office
1201 Main Street, Suite 1100
Columbia, SC 29201

The weather through mid-September averaged 1 to 2° warmer than usual although there was a brief period of below normal temperatures during the first week of the month. Monthly average temperatures varied from 63° at Caesars Head in Greenville County upwards to the mid-70's along the south coast. One of the lowest temperatures of the month was 42° at Caesars Head on the 24th and 25th, while the highest readings were in the mid-90's at several locations in central and eastern South Carolina on the 2nd.

Rainfall was heavier than normal over much of the State, although there were areas in west-central South Carolina that missed the heavy rainfall associated with Hugo. Some of the larger monthly rainfall totals were 14.97 at Edisto Island, 14.24 inches at Pee Dee, 13.94 inches at Charleston Custom House, and 11.30 inches at Brookgreen Gardens. Some of the smallest rainfall totals were 1.95 inches at Edgefield, and 2.61 inches at Aiken, South Carolina.

Hurricane Hugo reached the South Carolina coast late on the 21st with the center of the eye of the hurricane entering the South Carolina Coast at the Isle of Palms near Charleston around midnight. The hurricane continued to move north-northwest with the center of the eye passing over Monks Corner, Wedgefield, and into North Carolina near Charlotte. The peak storm tide was approximately 20 feet MSL along Bulls Bay near Awendaw; however, storm tide elevations ranged from a few feet above normal along the south coast to 10 to 11 feet MSL in the Charleston area to around 20 feet at Bulls Bay, down to around 13 feet MSL near Myrtle Beach. Although the damage was greatest along the South Carolina coast,

extensive damage accompanied the storm's passage through the State. Twenty-four counties were declared federal disaster areas with monetary damage estimated from 4 to 5 billion dollars. Hugo was a Category 4 (scale 1 to 5) hurricane when it reached the South Carolina shore making it the costliest storm of record in South Carolina and the most severe hurricane in modern times to strike the State.

In spite of the severity of the storm, there were only 13 deaths directly caused by the storm. The small number of casualties was due to timely warnings of the National Weather Service, excellent hurricane preparedness efforts, and timely action by the Governor.

Twenty-two additional deaths related to the passage of Hugo occurred during clean-up activities.

Rainfall accompanying and following the hurricane caused flash flooding as well as a general rise of reservoirs and rivers. As the month ended lowland flooding was in progress or developing along several major rivers of the State.

PALMETTO STATE PUMMELLED BY POWERFUL HURRICANE HUGO

Hurricane Hugo, the strongest hurricane to strike the United States Mainland since Camille in 1969, will undoubtedly be documented in history as the most expensive storm to date to strike the United States mainland. Hugo was the most severe hurricane of the century to penetrate the South Carolina coastline. The storm began as a tropical wave, moving off the coast of Africa on September 9, 1989. It became a hurricane on the 13th and strengthened to an extremely dangerous hurricane with top winds of 150 mph by the 15th while located east of the Lesser Antilles. Hurricane Hugo continued moving toward the west-northwest and made a direct hit on the Island of Guadeloupe. It then moved into the extreme northeastern Caribbean and turned its 140 mph winds on the small United States Virgin Island of St. Croix. The eye passed directly over St. Croix producing extensive damage there. Hugo then raked the northeastern end of Puerto Rico with 140 mph winds and 4 to 8 inches of rain.

During the next couple of days, Hugo moved toward the northwest on a course east of and parallel to the Bahamas sparing those islands of significant damage from its deadly wind and storm tides.

The hurricane continued to move to the northwest in the general direction of the Georgia-Carolina coastline, and by Thursday the 21st Hugo, now a Category 4 hurricane (on a scale of 1 to 5) with top winds of 135 mph, took aim at the South Carolina Coast. The center of the eye passed over the Isle of Palms about midnight of the 21st, and then moved north northwest through eastern and north-central South Carolina. Hugo weakened as it raced across the Palmetto State and was downgraded to a tropical storm just south of Charlotte, North Carolina near sunrise of the 22nd. Hugo contined to moved northward very rapidly and lost its tropical storm status while located just west of Pittsburg, Pennsylvania on the evening of the 22nd.

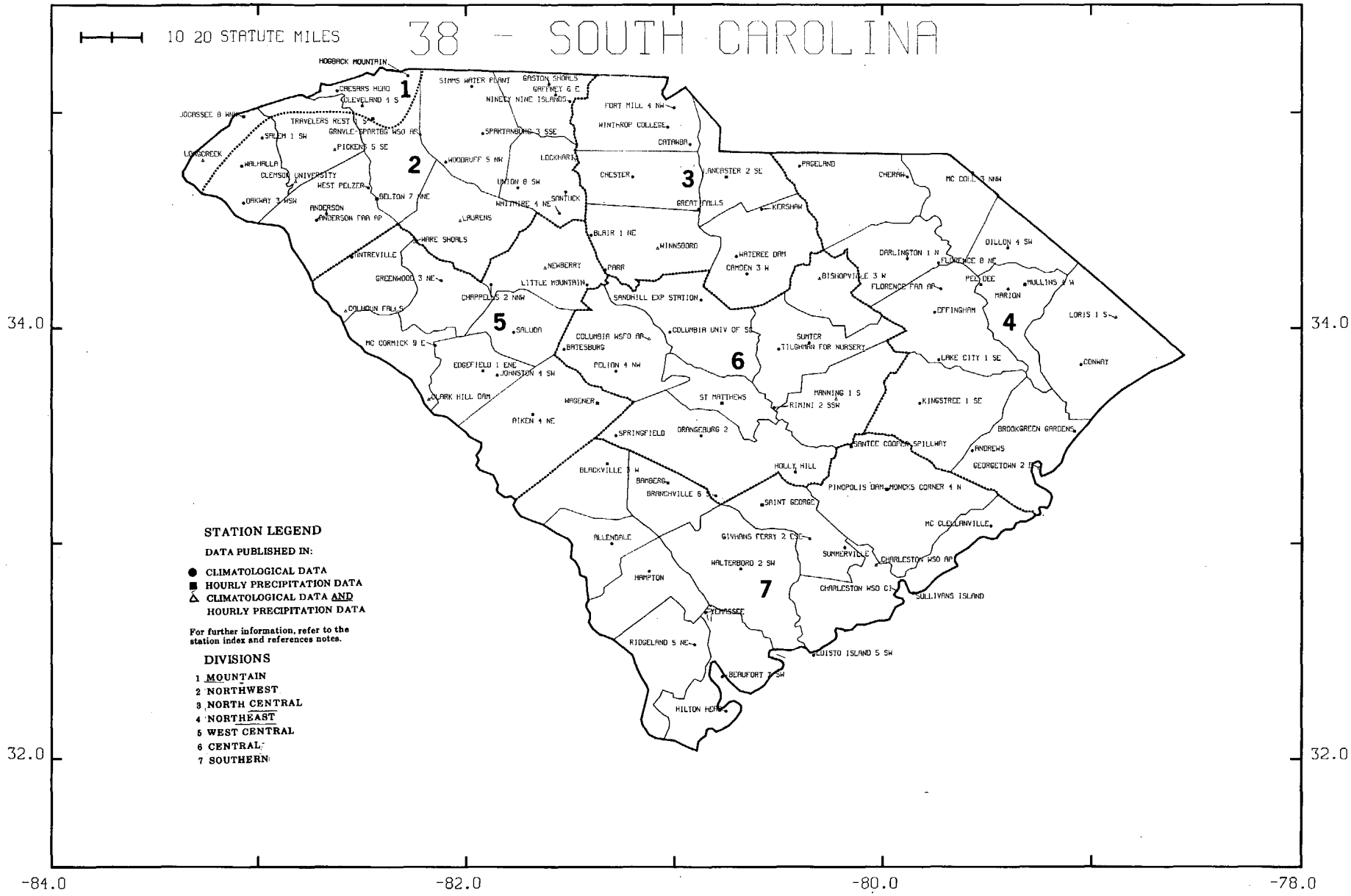
The events of Thursday, September 21, 1989 went quickly in South Carolina as State and local emergency preparedness officials placed hurricane emergency plans in action. Governor Carroll Campbell on the 20th called for evacuation of barrier islands and beachfront properties and very early on the 21st issued a mandatory evacuation of all beachfronts, barrier islands, and beach areas by 3 AM of the 21st.

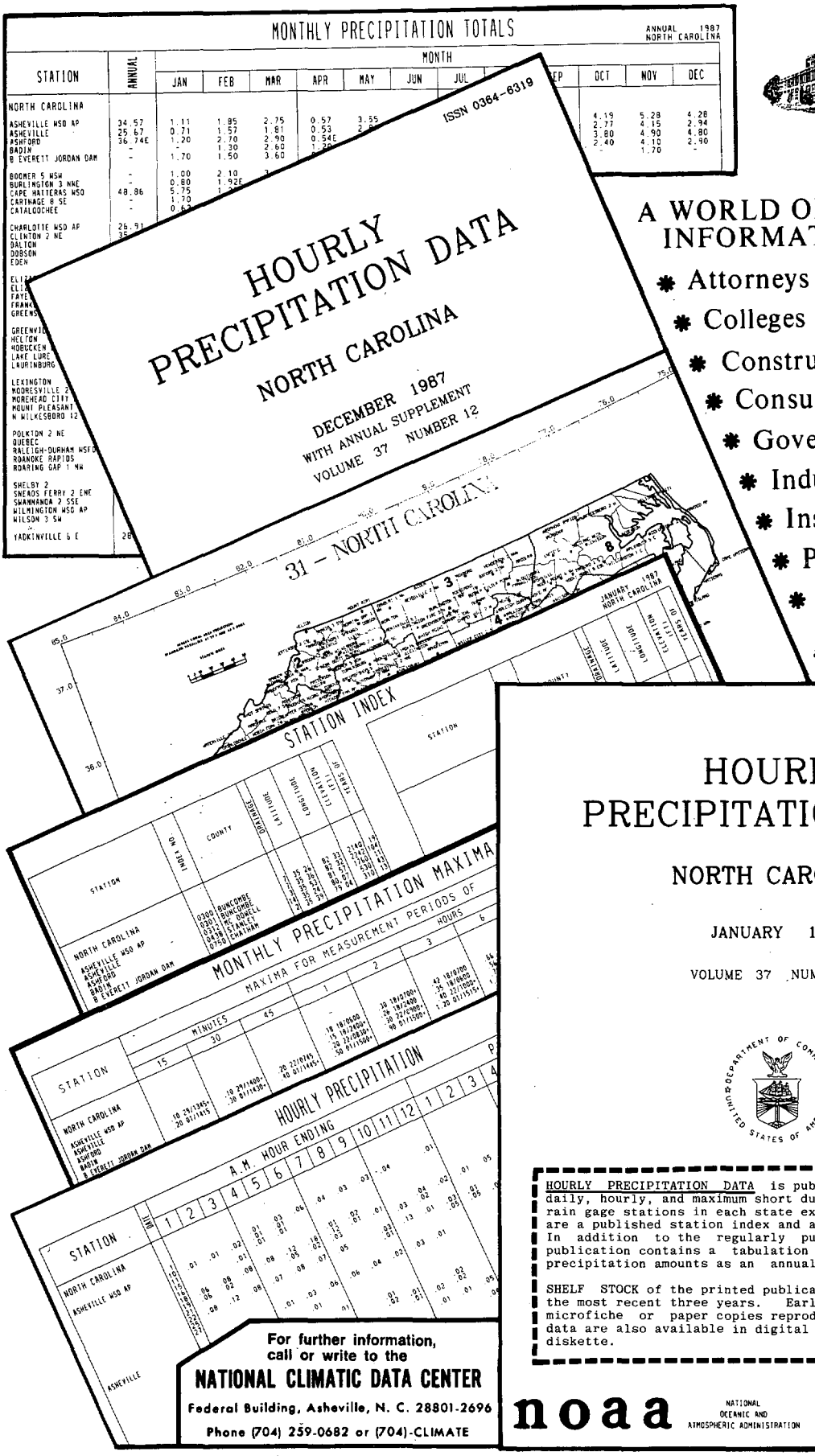
Hugo was moving approximately 30 mph as it entered the State. The tidal surge accompanying the storm caused a rapid rise of the water level along the entire South Carolina coast which produced catastrophic damage from Folly Beach northeastward to near Myrtle

Beach. Maximum tide heights varied form 13 feet MSL near Myrtle Beach to 20 feet in the Bulls Bay area near Awendaw to 11.3 feet MSL in the Charleston Harbor to considerably lower heights south of Folly Beach. The National Weather Service at Charleston recorded a low pressure of 27.85 inches or the lowest of record for Charleston.

Twenty-four counties in South Carolina have been declared federal disaster areas. Thirteen deaths were directly caused by Hugo and at least 22 deaths indirectly caused by the storm. It should be noted, however, that these totals have not been confirmed to date. Several hundred people were injured with total damage now estimated between 4 and 5 billion dollars. This includes 90 million to row crops, 10 million to livestock, 1.04 billion to forests, and 3 billion to coastal installations, utilities, public and private buildings, highways, etc. It should also be emphasized that the storm impaired the economy of the entire area and total direct and indirect costs may go even higher.

The small loss of life in view of the severity of Hugo and the immense damage that it caused is a tribute to the timely warnings of the National Weather Service, hurricane preparedness planning by federal, state, and local officials; as well as, quick, decisive and unprecedented action by the Governor of South Carolina. The call by the Governor for voluntary evacuation well ahead of the storm, followed by mandatory evacuation orders during the early hours of the 21st resulted in massive but orderly evacuation of threatened areas. Without evacuation the loss of life would possibly have exceeded that of 1893 when 1 to 2 thousand people were lost along the South Carolina coast.


10 20 STATUTE MILES
38 -- SOUTH CAROLINA
HOGBACK MOUNTAIN
CAESARS HEAD
CLEVELAND 4 S
JOCASSEE 8 WNW
TRAVELERS REST 1 SW
SALEM 1 SW
GRANVLE-SPARTBG WSO AP
PICKENS 5 SE
LONGCREEK
WALHALLA
CLEMSON UNIVERSITY
WEST PELZER
OAKWAY 3 WSW
ANDERSON
ANDERSON FAA AP
BELTON 7 NNE
SIMMS WATER PLANT
GASTON SHOALS
GAFFNEY 6 E
NINETY NINE ISLANDS
SPARTANBURG 3 SSE
WOODRUFF 5 NW
LOCKHART
UNION 8 SW
WHITMIRE 4 NE
SONTUCK
LAURENS
WARE SHOALS
INTREVILLE
GREENWOOD 3 NE
CHAPPELLS 2 NNW
COLHOUN FALLS
SALUDA
MC CORMICK 9 E
EDGEFIELD 1 ENE
JOHNSTON 4 SW
CLARK HILL DAM
AIKEN 4 NE
WAGENER
FORT MILL 4 NW
WINTHROP COLLEGE
CATAWBA
CHESTER
LANCASTER 2 SE
GREAT FALLS
KERSHAW
BLAIR 1 NE
WINNSBORO
NEWBERRY
PARR
LITTLE MOUNTAIN
SANDHILL EXP STATION
COLUMBIA WSFO AP
BATESBURG
PELION 4 NW
COLUMBIA UNIV OF SC
ST MATTHEWS
ORANGEBURG 2
SPRINGFIELD
BLACKVILLE 3 W
BAMBERG
BRANCHVILLE 6 S
ALLENDALE
HAMPTON
YCHASSEE
RIDGELAND 5 NE
BEAUFORT 2 SW
HILTON HEAD
PAGELAND
CHERAW
MC COLL 3 NNW
WATEREE DAM
CAMDEN 3 W
BISHOPVILLE 3 W
DARLINGTON 1 N
FLORENCE 8 NE
FLORENCE FAA AP
DILLON 4 SW
PEE DEE
MULLINS 3 W
MARION
EFFINGHAM
LORIS 1 S
CONWAY
SUMTER
TILGHMAN FOR NURSERY
LAKE CITY 1 SE
MANNING 1 S
RIMINI 2 SSW
KINGSTREE 1 SE
BROOKGREEN GARDENS
SANTEE COOPER SPILLWAY
ANDREWS
GEORGETOWN 2 E
HOLLY HILL
PINOPOLIS DAM
MONCKS CORNER 4 N
SAINT GEORGE
MC CLELLANVILLE
GIVHANS FERRY 2 ESE
SUMMERVILLE
CHARLESTON WSO AP
WALTERBORO 2 SW
CHARLESTON WSO CH
SULLIVANS ISLAND
LOUISTO ISLAND 5 SW
1
2
3
4
5
6
7
STATION LEGEND
DATA PUBLISHED IN:
CLIMATOLOGICAL DATA
HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
For further information, refer to the station index and references notes.
DIVISIONS
1 MOUNTAIN
2 NORTHWEST
3 NORTH CENTRAL
4 NORTHEAST
5 WEST CENTRAL
6 CENTRAL
7 SOUTHERN
34.0
32.0
-84.0
-82.0
-80.0
-78.0



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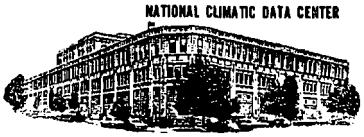

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HOURLY PRECIPITATION DATA

NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1

HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

SHELF STOCK of the printed publication is maintained only for the most recent three years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data are also available in digital form - on magnetic tape and diskette.

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