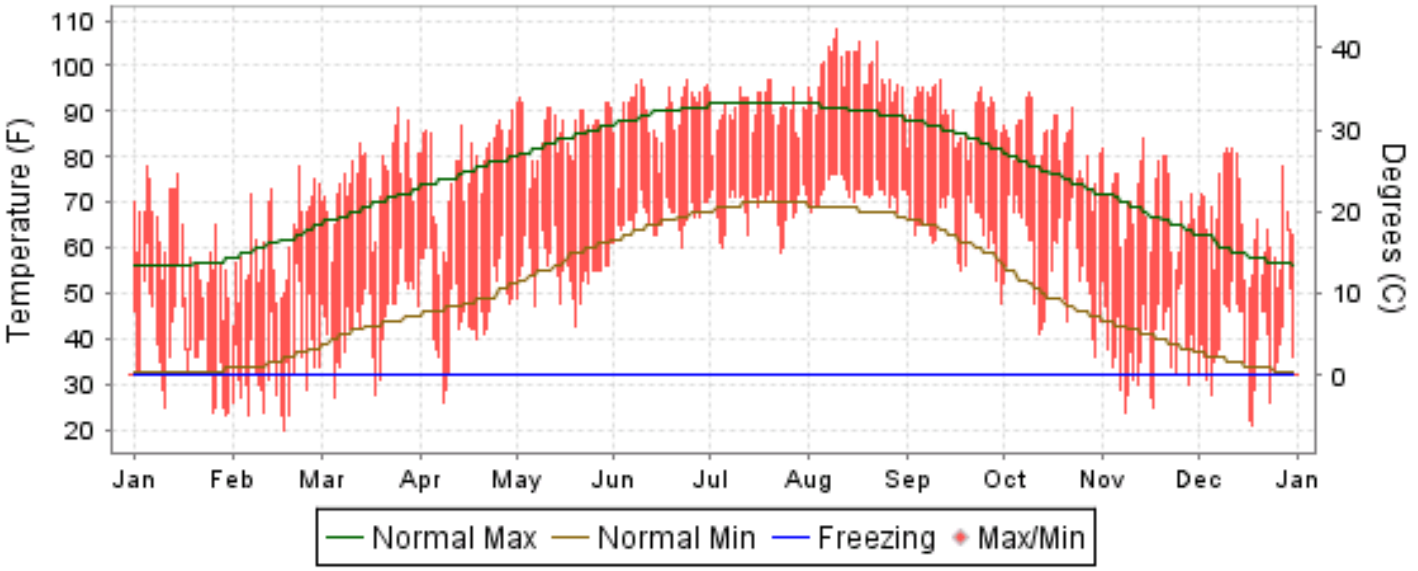
2007
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

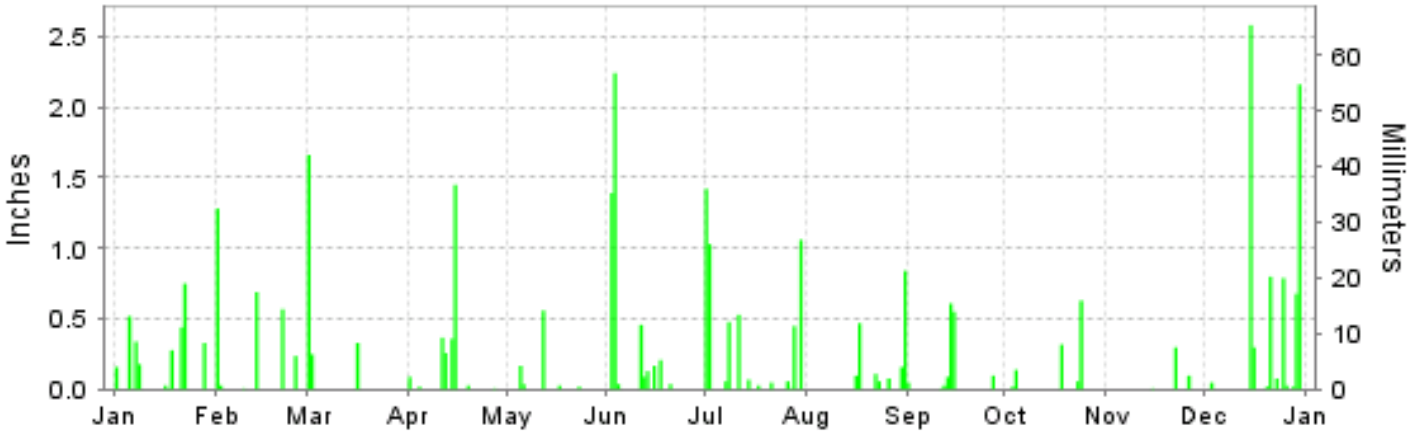
ISSN 0198-1587

AUGUSTA,
GEORGIA (KAGS)

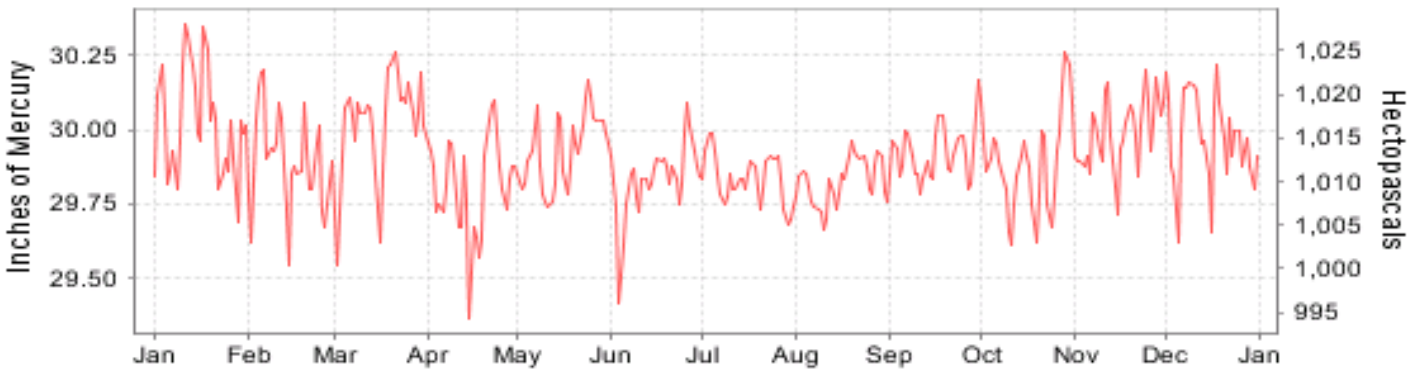
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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Thomas R. Karl

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE	NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA	DIRECTOR NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2007
AUGUSTA (KAGS)

LATITUDE: 33 ° 22'N **LONGITUDE:** -81 ° 57'W **ELEVATION (FT):** GRND: 132 BARO: 163 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 03820

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	60.7	60.9	75.2	77.7	86.1	90.3	90.5	98.5	89.9	83.2	70.3	66.1	79.1
	HIGHEST DAILY MAXIMUM	78	78	91	90	93	97	97	108	97	94	84	82	108
	DATE OF OCCURRENCE	05	22	25	30	02	24	20+	10	11	09	14	12+	AUG 10
	MEAN DAILY MINIMUM	37.5	33.5	44.1	46.4	54.9	66.4	68.5	72.3	64.1	56.0	38.3	39.3	51.8
	LOWEST DAILY MINIMUM	23	20	27	26	43	60	59	68	48	36	24	21	20
	DATE OF OCCURRENCE	30	17	05	08	20	22	23	29	30	30	08	18	FEB 17
	AVERAGE DRY BULB	49.1	47.2	59.7	62.1	70.5	78.4	79.5	85.4	77.0	69.6	54.3	52.7	65.5
	MEAN WET BULB	43.6	40.3	51.4	52.9	61.2	69.9	71.7	75.3	68.6	62.8	46.6		
	MEAN DEW POINT	36.4	30.5	43.8	43.9	54.3	66.0	68.0	71.5	64.2	58.4	38.2		
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	1	1	10	20	19	29	18	4	0	0	102
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 32°	9	16	3	2	0	0	0	0	0	0	9	6	45
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	492	492	181	147	5	0	0	0	0	36	318	376	2047
	COOLING DEGREE DAYS	7	1	23	66	183	406	458	636	369	186	4	4	2343
RH	MEAN (PERCENT)	66	58	62	57	61	70	72	70	71	72	61	72	66
	HOUR 01 LST	77	71	78	74	82	87	89	89	90	89	78	85	82
	HOUR 07 LST	78	77	82	69	72	79	79	81	82	83	81	86	79
	HOUR 13 LST	47	36	38	32	36	49	50	44	45	46	35	50	42
	HOUR 19 LST	70	60	62	58	60	71	74	73	75	78	64	74	68
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	3	0	8	2	4	2	0	0	0	0	0	0	19
	THUNDERSTORMS	0	0	1	4	0	7	8	5	3	0	0	3	31
CLOUDNESS	SUNRISE-SUNSET: (OKTAS)													
	CEILOMETER (<= 12,000 FT.)													
	SATELLITE (> 12,000 FT.)													
	MIDNIGHT-MIDNIGHT: (OKTAS)													
	CEILOMETER (<= 12,000 FT.)													
	SATELLITE (> 12,000 FT.)													
	NUMBER OF DAYS WITH:													
	CLEAR													
	PARTLY CLOUDY													
	CLOUDY													
PR	MEAN STATION PRESS. (IN.)	30.02	29.90	30.01	29.82	29.94	29.83	29.83	29.83	29.92	29.90	29.98	29.98	29.91
	MEAN SEA-LEVEL PRESS. (IN.)	30.18	30.06	30.18	29.98	30.10	29.98	29.99	29.98	30.08	30.05	30.15	30.14	30.07
WINDS	RESULTANT SPEED (MPH)	2.9	3.2	0.8	3.3	2.2	0.8	0.7	1.1	1.7	1.3	1.8	1.2	0.8
	RES. DIR. (TENS OF DEGS.)	29	27	25	28	06	20	23	17	07	04	31	29	30
	MEAN SPEED (MPH)	6.1	6.0	4.8	6.4	5.0	3.9	3.0	2.9	3.5	4.2	5.0	4.7	4.6
	PREVAIL.DIR.(TENS OF DEGS.)	29	29	29	30	14	14	15	15	05	05	34	23	30
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	31	31	40	33	26	31	35	31	24	20	31	30	40
	DIR. (TENS OF DEGS.)	30	29	19	29	04	33	28	08	29	06	29	29	19
	DATE OF OCCURRENCE	09	13	02	15	07	03	11	17	27	29	15	16	MAR 02
	MAXIMUM 5-SECOND WIND:													
	SPEED (MPH)	38	36	48	46	32	38	43	39	30	26	38	38	48
	DIR. (TENS OF DEGS.)	30	29	18	29	05	26	30	07	13	05	29	29	18
	DATE OF OCCURRENCE	09	13	02	15	08	19	11	17	22	29	15	16	MAR 02
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	3.04	2.82	2.24	2.59	0.82	4.77	5.25	1.82	1.44	1.17	0.41	7.51	33.88
	GREATEST 24-HOUR (IN.)	1.19	1.30	1.91	1.81	0.56	3.63	2.45	0.85	1.16	0.68	0.30	2.88	3.63
	DATE OF OCCURRENCE	21-22	01-02	01-02	14-15	12	02-03	01-02	30-31	14-15	23-24	22	15-16	JUN 02-03
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	10	6	3	8	5	9	12	7	7	5	3	11	86
	PRECIPITATION 0.10	8	4	3	4	2	6	6	5	3	3	2	6	52
	PRECIPITATION 1.00	0	1	1	1	0	2	3	0	0	0	0	2	10
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL (IN.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	GREATEST 24-HOUR (IN.)	18												
	DATE OF OCCURRENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAXIMUM SNOW DEPTH (IN.)													
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0

NORMALS, MEANS, AND EXTREMES
AUGUSTA (KAGS)

LATITUDE: 33 ° 22'N **LONGITUDE:** -81 ° 57'W **ELEVATION (FT):** GRND: 132 BARO: 163 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 03820

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	56.5	61.3	69.2	76.7	83.9	89.6	92.0	90.2	85.3	76.5	67.8	59.1	75.7
	MEAN DAILY MAXIMUM	58	57.3	61.0	68.5	76.7	84.2	89.5	92.0	91.1	85.8	77.1	68.0	59.4	75.9
	HIGHEST DAILY MAXIMUM	58	82	86	91	96	99	105	107	108	101	97	90	82	108
	YEAR OF OCCURRENCE		2002	1962	2007	1986	2000	1952	1980	2007	1999	1954	1961	2007	AUG 2007
	MEAN OF EXTREME MAXS.	58	74.5	77.3	83.6	88.9	93.5	98.0	99.1	98.2	94.6	88.4	81.7	76.2	87.8
	NORMAL DAILY MINIMUM	30	33.1	35.5	42.5	48.1	57.2	65.4	69.6	68.4	62.4	49.6	40.9	34.7	50.6
	MEAN DAILY MINIMUM	58	33.5	35.8	42.3	49.1	58.0	65.9	70.0	69.2	63.3	51.1	41.0	34.8	51.2
	LOWEST DAILY MINIMUM	58	-1	0	0	26	35	47	55	52	36	22	15	5	-1
	YEAR OF OCCURRENCE		1985	1998	1998	2007	1971	1984	1951	2004	1967	1952	1970	1981	JAN 1985
	MEAN OF EXTREME MINS.	58	16.7	19.6	26.1	33.3	43.6	54.7	62.5	60.9	49.8	34.4	24.8	18.4	37.1
	NORMAL DRY BULB	30	44.8	48.4	55.9	62.4	70.5	77.5	80.8	79.3	73.8	63.1	54.4	46.9	63.2
	MEAN DRY BULB	58	45.4	48.4	55.4	62.9	71.1	77.9	81.0	80.1	74.5	64.1	54.5	47.1	63.5
	MEAN WET BULB	24	40.7	43.3	49.2	55.3	63.1	70.3	73.4	73.0	67.6	58.3	49.5	42.2	57.2
	MEAN DEW POINT	24	35.3	37.7	43.6	50.2	59.2	67.4	71.0	70.8	64.8	55.0	45.6	36.9	53.1
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.6	5.9	16.0	23.5	19.4	9.4	0.6	0.0	0.0	75.4
	MAXIMUM <= 32	30	0.4	0.2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7
	MINIMUM <= 32	30	15.0	11.5	4.6	0.9	0.0	0.0	0.0	0.0	0.0	0.6	6.5	13.1	52.2
	MINIMUM <= 0	30	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H/C	NORMAL HEATING DEG. DAYS	30	617	469	301	129	21	1	0	0	5	118	317	547	2525
	NORMAL COOLING DEG. DAYS	30	1	2	15	52	191	385	506	459	285	74	15	1	1986
RH	NORMAL (PERCENT)	30	71	67	66	66	70	72	74	77	77	75	74	72	72
	HOUR 01 LST	30	80	77	77	80	86	87	88	91	90	89	86	82	84
	HOUR 07 LST	30	84	84	85	86	87	87	89	92	92	91	89	85	88
	HOUR 13 LST	30	55	50	49	45	48	52	54	56	55	50	51	54	52
	HOUR 19 LST	30	68	61	57	55	60	63	67	72	77	78	74	71	67
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY <= 1/4 MI)	44	4.1	2.9	2.6	3.0	3.0	1.7	2.1	3.5	4.5	5.0	4.4	4.7	41.5
	THUNDERSTORMS	58	0.9	1.5	2.8	3.6	6.0	9.2	12.0	9.6	3.2	1.1	0.8	0.6	51.3
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)				7.2		3.2	4.0	5.6	4.8		5.6		4.0	
	MIDNIGHT-MIDNIGHT (OKTAS)				6.4		4.0	4.0	4.8	4.0					
	MEAN NO. DAYS WITH:														
	CLEAR	1	2.0	2.0	9.0		14.0	7.0	2.0	6.0	3.0	7.0	5.0	10.0	
	PARTLY CLOUDY			2.0	1.0		2.0	8.0	2.0	2.0	2.0	4.0	1.0	1.0	
	CLOUDY	2	2.5	3.0	12.0		3.0	4.0		6.0	7.0	3.0	1.0	7.0	
PR	MEAN STATION PRESSURE (IN)	24	29.98	29.95	29.90	29.85	29.85	29.84	29.86	29.86	29.87	29.92	29.96	29.99	29.90
	MEAN SEA-LEVEL PRES. (IN)	24	30.14	30.11	30.05	30.00	30.00	29.99	30.01	30.01	30.03	30.08	30.12	30.15	30.06
WINDS	MEAN SPEED (MPH)	24	6.3	6.6	7.0	6.7	5.8	5.3	5.1	4.5	4.9	4.8	5.2	5.6	5.7
	PREVAIL.DIR (TENS OF DEGS)	32	28	30	30	19	15	14	25	15	05	02	30	30	28
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	13	40	37	40	46	49	45	36	38	36	38	38	35	49
	DIR. (TENS OF DEGS)		26	30	19	29	23	34	21	01	00	34	18	28	23
	YEAR OF OCCURRENCE		1997	2003	2007	2005	2004	1998	1995	2002	1997	1995	2001	2000	MAY 2004
	MAXIMUM 5-SECOND														
	SPEED (MPH)	13	54	45	51	55	74	53	47	49	45	52	49	43	74
	DIR. (TENS OF DEGS)		25	31	29	34	23	33	21	01	00	33	00	28	23
	YEAR OF OCCURRENCE		1997	2003	1999	1997	2004	1998	1998	2002	1997	1995	1995	2000	MAY 2004
PRECIPITATION	NORMAL (IN)	30	4.50	4.11	4.61	2.94	3.07	4.19	4.07	4.48	3.59	3.20	2.68	3.14	44.58
	MAXIMUM MONTHLY (IN)	57	8.91	7.67	11.92	8.43	9.61	10.57	11.43	11.34	9.51	14.82	7.76	8.65	14.82
	YEAR OF OCCURRENCE		1987	1961	1980	1961	1979	2004	1967	1986	1975	1990	1985	1981	OCT 1990
	MINIMUM MONTHLY (IN)	57	0.75	0.69	0.88	0.60	0.36	0.68	1.02	0.65	0.31	T	0.09	0.32	T
	YEAR OF OCCURRENCE		1981	1968	1968	1970	2000	1984	1987	1980	1984	1953	1960	1955	OCT 1953
	MAXIMUM IN 24 HOURS (IN)	57	3.61	3.69	5.31	3.96	4.44	5.08	3.71	5.98	7.30	8.57	3.82	3.12	8.57
	YEAR OF OCCURRENCE		1960	1985	1967	1955	1981	1981	1979	1964	1998	1990	1985	1970	OCT 1990
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	11.0	8.7	9.8	7.4	9.0	10.1	11.2	10.9	7.8	6.2	7.2	9.5	108.8
	PRECIPITATION >= 1.00	30	1.2	1.2	1.3	0.8	0.8	1.4	1.1	1.4	0.9	1.0	0.8	0.7	12.6
SNOWFALL	NORMAL (IN)	30	0.3	1.0	0.*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4
	MAXIMUM MONTHLY (IN)	53	2.6	14.0	1.1	T	0.0	T	0.0	0.0	0.0	0.0	T	1.0	14.0
	YEAR OF OCCURRENCE		1992	1973	1980	1992		1994					1968	1993	FEB 1973
	MAXIMUM IN 24 HOURS (IN)	53	2.6	13.7	1.1	T	0.0	T	0.0	0.0	0.0	0.0	T	1.0	13.7
	YEAR OF OCCURRENCE'		1992	1973	1980	1992		1994					1968	1993	FEB 1973
	MAXIMUM SNOW DEPTH (IN)	51	2	13	1	0	0	0	0	0	0	0	0	1	13
	YEAR OF OCCURRENCE		1988	1973	1980									1958	FEB 1973
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3

PRECIPITATION (inches) 2007 AUGUSTA (KAGS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1978	7.76	1.50	3.54	3.58	2.16	1.59	1.70	4.91	1.34	1.12	2.50	1.26	32.96
1979	3.40	7.34	2.48	5.27	9.61	1.56	6.12	3.56	4.81	1.50	1.95	1.85	49.45
1980	4.07	3.17	11.92	1.28	1.84	4.31	2.12	0.65	5.06	1.62	2.24	0.96	39.24
1981	0.75	5.26	2.62	2.27	5.29	7.08	1.72	6.20	0.72	2.91	0.91	8.65	44.38
1982	3.00	4.60	1.54	5.23	3.78	3.46	3.56	3.09	1.91	3.65	2.34	4.93	41.09
1983	4.47	6.02	6.86	5.47	1.93	3.90	1.44	4.99	5.40	2.31	4.64	5.24	52.67
1984	3.40	4.93	5.88	6.50	7.55	0.68	7.70	4.42	0.31	1.00	0.65	1.25	44.27
1985	3.22	6.63	1.28	0.97	1.75	2.92	3.71	1.79	0.39	6.21	7.76	1.65	38.28
1986	1.46	2.51	3.23	1.02	2.80	1.41	6.26	11.34	0.74	3.92	4.93	4.12	43.74
1987	8.91	7.23	4.27	0.77	1.57	5.75	1.02	3.99	2.04	0.18	4.06	1.38	41.17
1988	4.30	3.30	3.14	5.04	1.60	4.89	1.77	3.47	5.55	5.40	1.30	1.31	41.07
1989	1.51	3.23	4.37	5.24	2.96	8.84	8.15	3.19	3.73	2.14	1.29	4.68	49.33
1990	2.71	2.70	2.03	1.07	1.84	1.44	1.92	6.46	1.11	14.82	2.57	1.98	40.65
1991	7.50	1.97	8.51	3.15	5.76	5.57	11.12	6.98	1.36	0.57	1.39	2.53	56.41
1992	4.57	4.50	3.69	2.70	1.19	4.82	7.04	5.72	3.28	4.94	6.71	2.24	51.40
1993	5.94	3.23	7.57	1.52	1.28	1.54	2.47	2.77	3.45	4.24	1.58	2.70	38.29
1994	3.94	4.24	6.40	1.14	0.95	6.15	3.41	6.70	0.62	9.02	2.62	3.01	48.20
1995	6.54	7.00	1.02	2.09	2.70	5.44	3.82	4.92	7.01	4.24	2.20	3.60	50.58
1996	3.49	1.75	5.13	1.71	1.96	4.09	6.39	6.24	2.96	1.90	0.70	2.06	38.38
1997	3.67	4.84	2.27	3.35	1.61	3.65	5.83	2.24	5.89	5.04	5.02	6.94	50.35
1998	7.50	6.36	6.10	7.13	2.06	2.31	2.63	3.04	8.74	0.02	0.58	1.37	47.84
1999	5.57	2.52	2.73	2.02	1.19	6.43	3.68	2.27	5.43	2.81	1.12	0.97	36.74
2000	6.45	1.01	2.92	1.13	0.36	5.50	3.03	6.63	6.01	0.03	3.38	1.40	37.85
2001	2.64	1.98	7.43	0.94	3.76	4.98	5.00	1.28	3.56	0.18	0.83	0.97	33.55
2002	2.63	2.33	3.71	1.43	2.00	4.55	4.58	1.60	6.74	2.94	4.01	4.26	40.78
2003	2.00	3.72	7.02	6.35	6.32	9.99	7.00	3.75	1.87	2.72	0.77	2.02	53.53
2004	2.42	5.09	1.45	1.27	2.31	10.57	1.54	4.45	6.14	0.43	3.69	1.25	40.61
2005	2.39	5.25	5.83	2.92	4.28	7.44	5.09	4.35	1.07	3.01	1.87	3.96	47.46
2006	3.27	3.09	3.34	2.34	1.65	6.43	1.51	5.89	2.68	2.38	2.95	5.44	40.97
2007	3.04	2.82	2.24	2.59	0.82	4.77	5.25	1.82	1.44	1.17	0.41	7.51	33.88
POR= 58 YRS	3.94	3.98	4.50	3.08	3.31	4.34	4.50	4.21	3.42	2.62	2.30	3.21	43.41

WBAN : 03820

AVERAGE TEMPERATURE (°F) 2007 AUGUSTA (KAGS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1978	39.1	40.1	52.5	63.2	69.5	78.2	81.8	80.8	75.5	62.6	58.9	48.1	62.5
1979	41.4	44.0	56.5	63.1	70.6	74.8	80.0	79.6	74.3	62.4	55.6	45.9	62.4
1980	45.9	43.1	52.5	63.2	70.7	77.9	83.7	82.3	77.3	61.4	52.5	45.1	63.0
1981	39.6	48.6	52.3	65.2	68.3	81.1	81.5	77.0	71.4	59.3	51.6	41.2	61.4
1982	40.1	48.9	56.3	58.7	70.2	79.8	82.5	78.7	73.0	64.0	56.9	53.1	63.5
1983	41.9	46.7	54.4	58.8	70.6	75.4	82.6	83.3	72.8	65.1	53.9	44.5	62.5
1984	43.0	50.2	55.3	61.3	69.9	78.5	79.8	80.3	72.8	72.0	52.5	55.2	64.2
1985	42.1	48.8	58.7	65.7	73.2	80.4	81.7	80.3	75.2	70.7	64.6	44.2	65.5
1986	42.7	52.6	55.8	63.4	72.5	81.5	86.0	79.6	77.6	66.2	60.9	48.4	65.6
1987	44.6	47.3	54.8	60.6	73.1	79.2	82.5	83.8	75.8	57.8	56.5	50.4	63.9
1988	41.1	46.0	55.5	62.4	69.1	76.3	81.2	81.4	75.4	59.0	55.6	45.7	62.4
1989	50.5	50.4	57.6	62.9	69.2	78.9	80.9	80.0	74.7	65.4	55.8	41.4	64.0
1990	51.8	56.7	59.4	62.4	71.5	79.4	83.5	82.0	76.2	66.6	56.3	51.5	66.4
1991	46.8	52.3	58.5	66.4	75.3	78.5	82.3	80.5	75.1	65.0	51.9	50.4	65.3
1992	46.4	51.0	54.1	61.2	67.6	75.8	81.8	79.1	75.6	62.3	55.5	46.6	63.1
1993	50.1	46.4	53.6	60.7	72.4	81.5	86.3	82.4	77.7	65.1	55.8	45.5	64.8
1994	42.4	50.8	58.7	65.6	68.4	78.6	79.5	77.8	72.3	63.3	57.4	50.5	63.8
1995	46.1	47.8	58.0	64.2	72.3	76.0	81.3	80.8	73.1	65.6	50.5	44.5	63.4
1996	44.5	48.8	51.1	60.9	72.4	76.8	80.5	78.1	73.3	61.9	51.2	48.2	62.3
1997	47.3	51.4		59.6	66.7	74.4	80.5	78.2	74.0	63.2	51.2	46.8	
1998	49.3			62.0	74.7	81.5	83.1	79.8	75.3	65.7	58.0	51.7	
1999	48.3	50.0	51.8	66.0	68.3	76.7	81.2	83.0	72.6	63.2	56.0	46.6	63.6
2000	43.9	50.1	58.1	60.3	74.4	79.2	80.4	79.1	72.7	62.4	52.9	38.5	62.7
2001	44.0	52.5	53.1	63.8	70.8	77.0	79.3	80.4	72.5	61.4	58.9	51.5	63.8
2002	47.0	46.5	57.1	67.3	69.7	78.1	82.1	80.0	77.4	67.1	52.2	44.4	64.1
2003	41.9	48.0	58.3	62.0	71.4	76.5	79.2	79.9	72.7	63.9	57.6	42.4	62.8
2004	43.6	45.4	58.0	62.0	74.5	79.7	81.3	78.1	74.8	66.2	56.2	45.5	63.8
2005	47.8	49.7	53.5	61.0	68.2	77.9	81.9	81.7	78.0	65.9	56.3	44.9	63.9
2006	51.2	46.7	55.1	66.0	70.9	76.9	81.4	83.0	74.3	63.1	55.1	51.3	64.6
2007	49.1	47.2	59.7	62.1	70.5	78.4	79.5	85.4	77.0	69.6	54.3	52.7	65.5
POR= 58 YRS	45.4	48.4	55.4	62.9	71.1	77.9	81.0	80.1	74.5	64.1	54.5	47.1	63.5

HEATING DEGREE DAYS (base 65°F) 2007 AUGUSTA (KAGS)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1978-79	0	0	0	103	184	531	723	582	265	79	15	2	2484
1979-80	0	0	4	125	294	584	588	631	385	97	17	0	2725
1980-81	0	0	10	143	370	608	778	452	391	67	33	0	2852
1981-82	0	0	13	187	400	730	765	446	286	206	7	0	3040
1982-83	0	0	6	125	253	383	710	504	332	198	8	0	2519
1983-84	0	0	23	66	326	630	674	424	306	146	31	1	2627
1984-85	0	0	4	16	382	296	710	451	222	75	5	0	2161
1985-86	0	0	6	28	83	639	685	342	287	112	12	0	2194
1986-87	0	5	0	82	170	513	625	491	319	177	5	0	2387
1987-88	0	0	0	220	266	448	732	545	294	102	12	0	2619
1988-89	0	0	1	209	282	594	441	411	258	153	41	0	2390
1989-90	0	0	8	97	282	722	403	244	202	118	11	0	2087
1990-91	0	0	7	93	263	417	560	355	223	52	3	0	1973
1991-92	0	0	3	76	404	461	570	398	339	160	45	0	2456
1992-93	0	0	9	103	289	565	457	518	348	148	6	0	2443
1993-94	0	0	7	86	300	599	693	401	220	62	34	0	2402
1994-95	0	0	1	88	232	446	580	476	225	89	11	0	2148
1995-96	0	0	11	94	438	629	626	460	425	165	27	0	2875
1996-97	0	0	2	127	410	516	545	383		176	46	5	
1997-98	0	0	0	127	408	556	491			114	0	0	
1998-99	0	0	0	67	214	413	509	415	403	87	19	0	2127
1999-00	0	0	12	111	270	561	648	424	216	154	2	0	2398
2000-01	0	0	10	109	380	816	646	344	364	110	1	0	2780
2001-02	0	0	15	157	198	416	555	511	270	56	43	0	2221
2002-03	0	0	0	59	387	630	712	472	215	105	4	0	2584
2003-04	0	0	12	73	246	694	658	565	227	127	13	0	2615
2004-05	0	0	0	42	287	597	530	423	354	123	25	0	2381
2005-06	0	0	0	119	263	616	423	506	317	71	21	0	2336
2006-07	0	0	4	132	297	415	492	492	181	147	5	0	2165
2007-	0	0	0	36	318	376							

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COOLING DEGREE DAYS (base 65°F) 2007 AUGUSTA (KAGS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1978	0	0	1	46	177	402	531	497	324	35	9	13	2035
1979	0	0	9	29	197	301	473	460	288	52	20	0	1829
1980	0	0	2	50	201	396	585	543	385	39	0	0	2201
1981	0	0	6	79	143	491	515	378	208	19	4	0	1843
1982	0	0	23	22	174	450	549	431	254	100	16	21	2040
1983	0	0	10	18	187	318	555	573	263	76	0	0	2000
1984	0	0	13	39	188	411	468	481	244	241	16	1	2102
1985	9	4	33	100	263	468	525	480	318	209	78	0	2487
1986	0	0	12	71	248	501	655	464	383	126	56	4	2520
1987	0	0	8	48	264	432	548	590	331	5	17	1	2244
1988	0	1	5	31	147	346	510	518	323	32	8	1	1922
1989	0	8	38	99	178	423	500	471	305	117	12	0	2151
1990	0	18	36	49	219	438	578	536	350	151	9	6	2390
1991	0	6	29	99	329	414	542	483	310	82	16	14	2324
1992	0	1	6	56	135	330	526	444	331	27	14	0	1870
1993	2	0	2	27	240	503	666	547	393	96	31	2	2509
1994	0	9	28	82	149	418	456	403	227	40	9	4	1825
1995	0	0	17	75	244	338	514	497	262	122	10	0	2079
1996	0	1	2	50	264	362	487	414	257	40	4	1	1882
1997	3	8		21	105	294	489	418	277	80	0	0	
1998	10			29	304	502	570	463	316	95	13	9	
1999	2	0	0	124	128	359	512	563	247	64	8	0	2007
2000	2	0	13	20	298	433	487	444	247	38	21	0	2003
2001	1	2	0	83	187	365	449	487	244	57	23	4	1902
2002	5	2	34	132	197	399	538	472	377	134	8	0	2298
2003	0	0	14	22	210	351	446	470	247	45	33	0	1838
2004	1	0	18	45	314	447	511	409	299	89	30	0	2163
2005	6	0	4	11	133	392	532	524	397	157	8	1	2165
2006	0	0	17	105	213	364	512	568	291	79	5	1	2155
2007	7	1	23	66	183	406	458	636	369	186	4	4	2343

SNOWFALL (inches) 2007 AUGUSTA (KAGS)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1978-79	0.0	0.0	0.0	0.0	0.0	T	0.0	3.4	0.0	0.0	0.0	0.0	3.4
1979-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.1	0.0	0.0	0.0	5.3
1980-81	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	T
1981-82	0.0	0.0	0.0	0.0	0.0	0.0	1.5	T	0.0	0.0	0.0	0.0	1.5
1982-83	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T	0.0	0.0	0.0	T
1983-84	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	T
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	T
1985-86	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1986-87	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	T
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.3
1988-89	0.0		0.0	0.0	0.0	T	0.0	3.7	0.0	0.0	0.0	0.0	
1989-90	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	T	0.0	0.0	2.6
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	T
1993-94	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	T	1.0
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4
1996-97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998-99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1999-00	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0
2000-01	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	0.0	T
2001-02	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0
2002-03	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	0.0	T
2003-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004-05	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2005-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006-07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 59 YRS	0.0	0.0	0.0	0.0	0.0	T	0.3	0.6	T	T	0.0	T	0.9

WBAN : 03820

REFERENCE NOTES :

PAGE 1:
THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).

PAGE 2 AND 3:
H/C INDICATES HEATING AND COOLING DEGREE DAYS.
RH INDICATES RELATIVE HUMIDITY
W/O INDICATES WEATHER AND OBSTRUCTIONS
S INDICATES SUNSHINE.
PR INDICATES PRESSURE.
CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).

GENERAL:
T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
NORMALS ARE 30-YEAR AVERAGES (1971 - 2000).
ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.
THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.

GENERAL CONTINUED:
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.
WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.
DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.

ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.

NOTE:
The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

2007
AUGUSTA
GEORGIA (KAGS)

The boundary between the Piedmont Plateau and the Coastal Plain, known as the Fall Line, crosses the Savannah River basin in a general northeast-southwest direction near Augusta, Georgia. The Weather Service Office at Bush Field is located in the Savannah River Valley approximately 2 miles west of the river and 203 miles above the mouth of the Savannah. Hills some 200 feet higher than the station are found slightly more than 1 mile to the west and approximately 4 miles to the southwest, and some 5 miles to the south and southeast. Swampland is found immediately to the north, east, and south of the station.

The length of the growing season averages 241 days. The average last occurrence in the spring of temperatures of 32 degrees is mid-March, and the first in the fall is mid-November.

Measurable snow is a rarity and then remains on the ground only a short time. Ice storms, damaging winds, and very low temperatures are also of rare occurrence.

Augusta has been protected, to a great extent, from flooding of the Savannah River by the construction of two multipurpose dams. The Clark Hill Dam is located 21.7 miles above the city and Hartwell Dam has been constructed 89 miles above Augusta.

Station Location AUGUSTA

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	Latitude NORTH	Longitude WEST	ELEVATION ABOVE SEA LEVEL: GROUND TEMPERATURE SITE	ELEVATION ABOVE GROUND: WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET RAIN GAUGE	WEIGHING RAIN GAUGE	8 INCH RAIN GAUGE	HYGROTHERMOMETER	* AUTOMATIC OBSERVING EQUIPMENT	REMARKS
*NOTE: AIRPORT																
Administration Building Daniel Field Airport Wrightsboro Road	7/3/41	2/14/44	400 ft. W	33° 28'	82° 02'	420	46	29	29				29			Army 8/25/42 to 9/19/42.
Administration Building (2nd floor)Daniel Field Airport, Wrightsboro Rd	2/14/44	6/30/50	Same Bldg.	33° 28'	82° 02'	420	46 d43	5	5			e4	3			d. Effective 2/21/46. e. Installed September 1949.
Transient Building + Bush Field +Dept. of Commerce Bldg eff. 12/16/55 Weather Bureau Bldg. eff. 12/1/68. Weather Service Bldg. eff. 12/14/71. Weather Service/FAA Bldg eff. 5/29/87.	7/1/50	05/01/94	7.5 mi. SSE	33° 22'	81° 58'	143 i145 j136	25 g20 k20	6	6	NA	NA m3	3 f4	3	NA h5 n5 p5	NA	f. Raised 8/25/51. g. Effective 3/9/63. h. Commissioned 1700' ESE of thermometer site 2/1/64. i. Effective 2/1/64. j. Value from resurvey 3/28/68. k. Minor move 2/15/76. m. Installed 9/23/76. n. Type change 7/28/82. p. Type change 12/16/85.
Bush Field	05/01/94	Present	NA	33° 22'	81° 58'	q160									S	ASOS Commissioned 05/01/94. q. Ground elevation.

* TYPE
M = AMOS
T = AUTOB
S = ASOS
W = AWOS

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* NOTES: For earlier station history see previous edition.