

2004

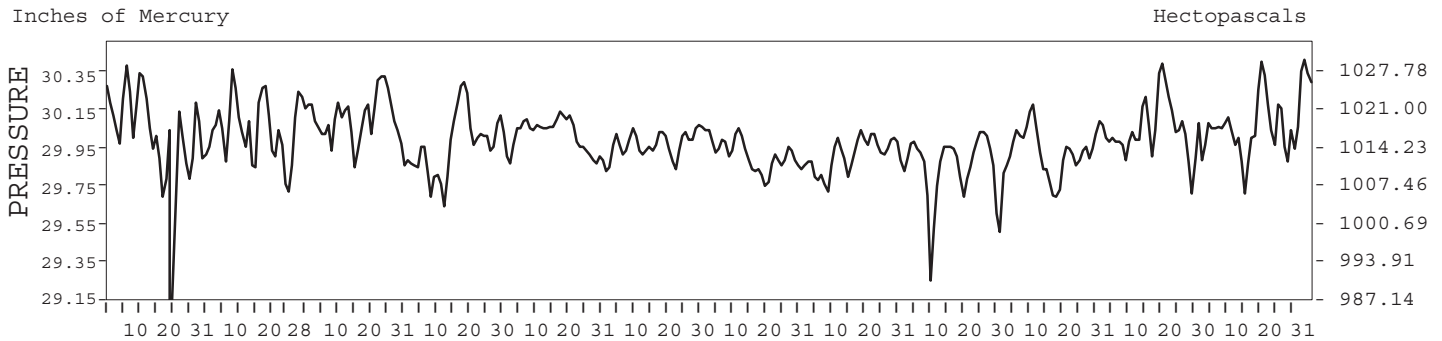
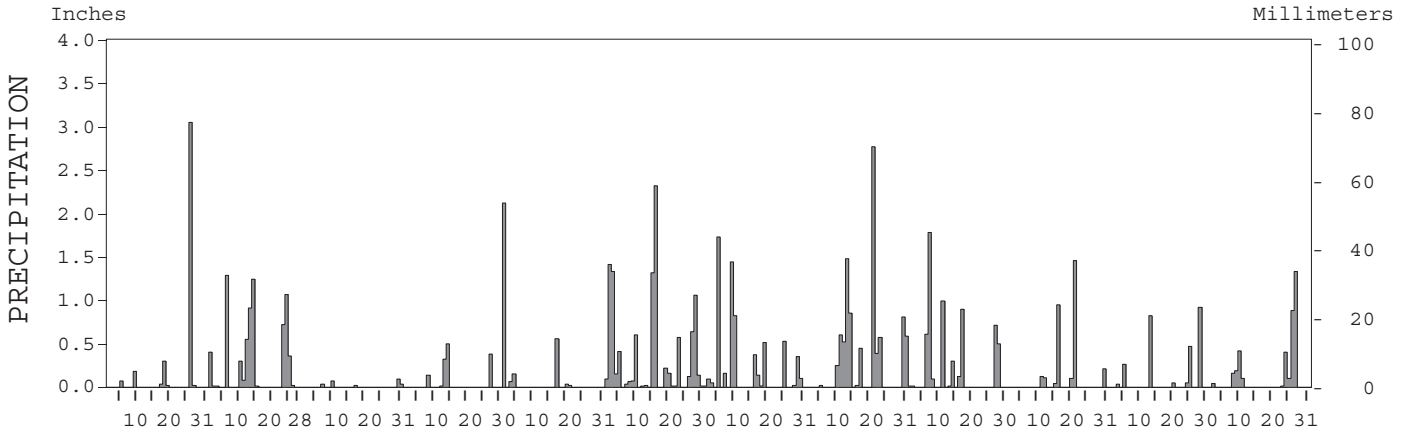
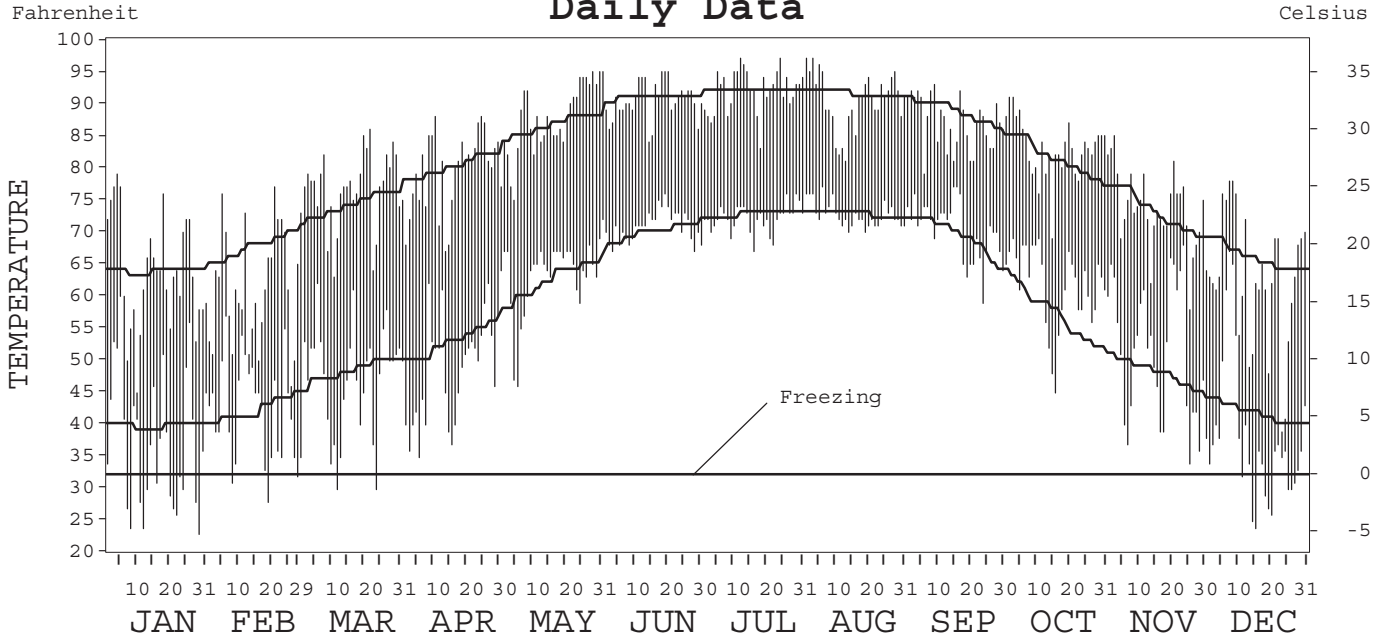
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1293

TALLAHASSEE, FLORIDA (TLH)

Daily Data



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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
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METEOROLOGICAL DATA FOR 2004

TALLAHASSEE, FL (TLH)

LATITUDE: 30° 23' 35" N LONGITUDE: 84° 21' 12" W ELEVATION (FT): GRND: 71 BARO: 74 TIME ZONE: EASTERN (UTC + 5) WBAN: 93805

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	63.7	61.6	76.6	79.5	88.0	90.5	92.0	90.5	87.0	83.0	73.7	62.6	79.1	
	HIGHEST DAILY MAXIMUM	79	77	86	88	95	95	97	97	93	91	85	78	97	
	DATE OF OCCURRENCE	04	21	21	24+	31+	20+	24+	03+	09	03+	03	09+	AUG 03+	
	MEAN DAILY MINIMUM	37.6	41.9	47.2	48.9	63.3	70.9	72.2	72.7	70.3	61.6	51.4	37.9	56.3	
	LOWEST DAILY MINIMUM	23	28	30	35	46	67	67	70	59	45	34	24	23	
	DATE OF OCCURRENCE	29	19	23+	05	05	28+	16	19+	24	16	26	16	JAN 29	
	AVERAGE DRY BULB	50.7	51.8	61.9	64.2	75.7	80.7	82.1	81.6	78.7	72.3	62.6	50.3	67.7	
	MEAN WET BULB		47.8	54.3	56.7	67.9	73.8	74.9	74.5	71.8	66.5	57.5	46.1		
	MEAN DEW POINT		43.3	46.8	49.6	63.5	71.6	72.2	72.0	68.7	63.4	53.9	40.6		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	0	0	13	20	24	18	9	2	0	0	0	86
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM ≤ 32°	13	3	2	0	0	0	0	0	0	0	0	9	27		
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	443	378	114	92	4	0	0	0	0	7	136	466	1640	
	COOLING DEGREE DAYS	5	0	24	73	340	479	539	521	414	238	65	18	2716	
RH	MEAN (PERCENT)	71	77	63	64	70	81	77	79	76	77	78	72	74	
	HOUR 01 LST	84	85	79	82	86	92	91	89	84	90	88	84	86	
	HOUR 07 LST	86	87	83	89	91	92	91	93	88	93	90	85	89	
	HOUR 13 LST	51	63	42	39	46	63	59	60	60	57	60	53	54	
	HOUR 19 LST	66	72	49	50	58	80	69	75	74	77	79	73	68	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	6	3	4	1	6	3	2	5	3	10	9	3	55	
	THUNDERSTORMS	1	3	2	2	5	26	19	13	5	3	3	3	85	
CLOUDINESS	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.)		30.06	30.12	29.98	30.03	29.99	29.92	29.93	29.85	29.96	30.06	30.11		
	MEAN SEA-LEVEL PRESS. (IN.)		30.14	30.19	30.05	30.09	30.06	29.99		29.92	30.03	30.13			
WINDS	RESULTANT SPEED (MPH)		2.2	0.7	1.6	2.5	0.6	0.4	0.9	3.7	0.5	1.7	1.3		
	RES. DIR. (TENS OF DEGS.)		05	16	18	25	21	05	35	05	26	09	34		
	MEAN SPEED (MPH)	5.2	6.7	6.1	5.9	5.8	4.0	4.1	4.6	9.2	4.8	5.7	5.5	5.6	
	PREVAIL. DIR. (TENS OF DEGS.)	34	07	17	30	11	11	10	10	06	08	07	34	11	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	25	30	25	29	25	30	30	31	41	32	25	23	41	
	DIR. (TENS OF DEGS.)	28	20	32	27	33	19	10	30	10	30	21	15	10	
	DATE OF OCCURRENCE	27	06+	06	13	31	27	24	21	05	20	24	23+	SEP 05	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	33	41	32	36	29	39	36	41	52	37	33	29	52	
DIR. (TENS OF DEGS.)	28	20	34	24	34	18	11	30	09	30	21	15	09		
DATE OF OCCURRENCE	27	06	06	13	31	27	24	21	05	20	24	23+	SEP 05		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	3.67	6.97	0.24	3.47	0.91	10.68	6.32	9.33	6.02	2.99	2.60	3.63	56.83	
	GREATEST 24-HOUR (IN.)	3.06	1.72	0.12	2.12	0.56	2.32	1.87	2.77	2.29	1.56	0.92	2.21	3.06	
	DATE OF OCCURRENCE	26-27	13-14	29-30	30	16	15	08-09	20	05-06	19-20	27	25-26	JAN 26-27	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	7	14	5	6	6	23	14	14	11	7	7	10	124	
PRECIPITATION ≥ 0.10	3	9	0	5	2	14	10	11	8	6	4	8	80		
PRECIPITATION ≥ 1.00	1	3	0	1	0	5	2	2	1	1	0	1	17		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)														
	DATE OF OCCURRENCE														
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0															

NORMALS, MEANS, AND EXTREMES

TALLAHASSEE, FL (TLH)

LATITUDE: 30° 23' 35" N LONGITUDE: 84° 21' 12" W ELEVATION (FT): GRND: 71 BARO: 74 TIME ZONE: EASTERN (UTC + 5) WBAN: 93805

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	63.8	67.4	74.0	80.0	86.5	90.9	92.0	91.5	88.5	81.2	72.9	65.8	79.5
	MEAN DAILY MAXIMUM	57	63.8	67.1	73.1	80.1	86.6	90.6	91.3	91.1	88.1	80.9	72.3	65.4	79.2
	HIGHEST DAILY MAXIMUM	44	82	86	90	95	100	103	103	103	99	94	88	84	103
	YEAR OF OCCURRENCE		1993	2000	1967	1999	2000	1985	2000	1995	1997	2002	1961	1971	JUL 2000
	MEAN OF EXTREME MAXS.	57	77.6	79.6	84.6	89.3	94.1	97.0	97.4	96.8	94.7	89.5	83.3	78.4	88.5
	NORMAL DAILY MINIMUM	30	39.7	42.1	48.2	52.8	62.3	69.8	72.7	72.7	69.2	56.9	47.9	41.6	56.3
	MEAN DAILY MINIMUM	57	39.6	42.3	47.6	53.4	61.8	69.0	71.6	71.6	68.4	56.9	47.2	41.0	55.9
	LOWEST DAILY MINIMUM	44	6	14	20	29	34	46	57	57	40	30	13	10	6
	YEAR OF OCCURRENCE		1985	1971	1986	1987	1971	1984	1967	1997	1967	1993	1970	1962	JAN 1985
	MEAN OF EXTREME MINS.	57	20.8	24.6	29.5	37.0	48.2	60.6	66.7	65.9	56.8	38.8	28.7	23.3	41.7
	NORMAL DRY BULB	30	51.8	54.8	61.1	66.4	74.4	80.4	82.4	82.1	78.9	69.1	60.4	53.7	68.0
	MEAN DRY BULB	57	51.6	54.6	60.5	66.8	74.2	79.7	81.5	81.3	78.1	69.1	59.8	53.2	67.5
	MEAN WET BULB	20	46.9	50.1	54.9	59.1	66.8	72.6	75.0	74.7	71.1	62.7	55.7	48.6	61.5
	MEAN DEW POINT	20	41.6	44.5	49.0	53.4	62.3	69.8	72.5	72.2	68.1	58.7	51.4	44.0	57.3
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	1.3	7.7	19.5	23.9	22.9	15.1	1.8	0.0	0.0	92.2	
MAXIMUM ≤ 32°	30	*	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	
MINIMUM ≤ 32°	30	10.9	7.3	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.2	3.4	9.1	34.4	
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	0.0	
H/C	NORMAL HEATING DEG. DAYS	30	428	312	181	70	1	0	0	0	1	49	193	369	1604
	NORMAL COOLING DEG. DAYS	30	9	12	44	96	276	447	524	514	402	162	49	16	2551
RH	NORMAL (PERCENT)	30	74	72	70	70	72	76	80	80	78	74	76	76	75
	HOUR 01 LST	30	85	84	86	87	89	91	93	93	91	88	89	87	89
	HOUR 07 LST	30	87	87	89	90	91	92	94	95	93	91	90	88	91
	HOUR 13 LST	30	58	54	51	47	51	56	61	61	58	53	56	58	55
	HOUR 19 LST	30	72	64	60	56	60	68	74	76	74	72	77	77	69
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	43	6.8	5.1	5.1	4.8	4.9	2.7	2.2	2.3	1.9	3.0	5.2	6.4	50.4
	THUNDERSTORMS	43	2.0	2.2	4.1	3.6	7.2	14.0	19.1	15.8	7.6	2.0	1.6	1.6	80.8
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	35	5.0	4.7	4.6	4.2	4.4	4.7	4.9	4.7	4.4	3.7	4.0	4.7	4.5
	MIDNIGHT-MIDNIGHT (OKTAS)	32	4.7	4.5	4.4	3.7	3.9	4.2	4.4	4.3	3.9	3.4	3.7	4.3	4.1
	MEAN NO. DAYS WITH:														
CLEAR	35	8.6	8.5	9.1	10.6	8.6	5.8	3.9	5.2	8.2	13.4	11.1	8.9	101.9	
PARTLY CLOUDY	35	7.2	7.2	8.6	10.3	12.9	14.4	16.8	16.0	11.8	8.0	8.1	7.9	129.2	
CLOUDY	35	15.1	12.6	13.2	9.1	9.6	9.8	10.3	9.8	10.0	9.6	10.8	14.2	134.1	
PR	MEAN STATION PRESSURE (IN)	31	30.07	30.03	29.98	29.96	29.92	29.94	29.98	29.96	29.95	29.99	30.04	30.07	29.99
	MEAN SEA-LEVEL PRES. (IN)	19	30.14	30.11	30.05	30.03	30.00	30.00	30.05	30.02	30.01	30.06	30.10	30.16	30.06
WINDS	MEAN SPEED (MPH)	45	6.5	7.0	7.5	6.9	6.1	5.4	4.9	5.0	6.0	6.1	6.1	6.2	6.1
	PREVAIL. DIR (TENS OF DEGS)	29	36	36	18	18	18	09	18	09	06	36	36	36	36
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	8	36	32	35	31	39	43	35	41	41	32	36	37	43
	DIR. (TENS OF DEGS)		21	30	26	32	23	13	25	25	10	30	31	28	13
	YEAR OF OCCURRENCE		1997	1999	2001	2000	2003	1998	2001	2003	2004	2004	2003	2000	JUN 1998
	MAXIMUM 5-SECOND:														
SPEED (MPH)	8	45	41	43	39	49	55	47	51	52	38	41	41	55	
DIR. (TENS OF DEGS)		22	20	26	32	23	12	13	26	09	26	24	28	12	
YEAR OF OCCURRENCE		1997	2004	2001	2000	2003	1998	2002	2003	2004	1997	2003	2000	JUN 1998	
PRECIPITATION	NORMAL (IN)	30	5.36	4.63	6.47	3.59	4.95	6.92	8.04	7.03	5.01	3.25	3.86	4.10	63.21
	MAXIMUM MONTHLY (IN)	44	18.94	11.50	13.57	13.13	11.66	17.41	20.12	15.73	15.92	11.79	10.44	12.65	20.12
	YEAR OF OCCURRENCE		1991	1964	1973	1973	1976	1989	1964	1977	1969	1976	1976	1964	JUL 1964
	MINIMUM MONTHLY (IN)	44	0.34	0.64	0.24	0.33	T	1.95	2.35	2.45	0.11	T	0.55	0.78	T
	YEAR OF OCCURRENCE		2003	2001	2004	1992	1965	1998	1983	1983	1972	1987	1990	2001	OCT 1987
	MAXIMUM IN 24 HOURS (IN)	44	5.36	6.04	8.91	4.73	5.85	10.13	8.94	6.54	9.47	7.79	4.98	9.26	10.13
	YEAR OF OCCURRENCE		1991	1981	1991	1964	1991	2001	1964	1994	1969	1996	1976	1964	JUN 2001
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	9.9	8.2	8.4	6.3	7.9	13.1	15.9	14.5	9.3	5.1	6.8	8.1	113.5	
PRECIPITATION ≥ 1.00	30	1.9	1.4	2.3	1.2	1.5	2.1	2.3	2.5	1.5	1.0	1.3	1.3	20.3	
SNOWFALL	NORMAL (IN)	30	0.*	0.*	0.*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.*	0.0
	MAXIMUM MONTHLY (IN)	36	T	0.4	T	0.0	0.0	T	T	0.0	T	0.0	0.0	1.0	1.0
	YEAR OF OCCURRENCE		1996	1973	1996			1989	1993		1990			1989	DEC 1989
	MAXIMUM IN 24 HOURS (IN)	36	T	0.4	T	0.0	0.0	T	T	0.0	T	0.0	0.0	1.0	1.0
	YEAR OF OCCURRENCE		1996	1973	1996			1989	1993		1990			1989	DEC 1989
	MAXIMUM SNOW DEPTH (IN)	48	0	3	0	0	0	0	0	0	0	0	0	0	3
	YEAR OF OCCURRENCE			1958											FEB 1958
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	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	0.0	

PRECIPITATION (inches) 2004 TALLAHASSEE, FL (TLH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1975	11.68	2.85	6.18	7.17	10.34	4.77	17.52	6.80	4.88	4.41	1.50	7.83	85.93
1976	5.53	1.21	5.30	1.65	11.66	11.02	4.19	7.35	2.79	11.79	10.44	4.09	77.02
1977	6.40	3.10	6.07	2.73	3.41	2.09	3.19	15.73	5.27	0.80	3.50	6.02	58.31
1978	7.04	4.95	6.41	2.42	3.80	6.13	11.09	7.92	1.55	1.70	3.65	4.63	61.29
1979	10.49	4.09	1.89	10.44	9.24	2.49	15.19	6.75	10.16	0.35	3.64	5.72	80.45
1980	4.38	2.15	11.14	6.01	5.87	5.73	11.02	3.48	6.23	4.88	3.31	0.89	65.09
1981	1.83	8.17	8.83	1.19	1.38	6.17	5.77	2.97	4.86	1.85	2.47	5.15	50.64
1982	3.65	5.55	4.57	3.81	3.61	7.35	11.75	4.10	6.59	1.22	2.34	5.50	60.04
1983	3.89	6.76	13.04	7.62	3.35	9.39	2.35	2.45	4.36	1.03	6.42	6.20	66.86
1984	3.59	6.55	7.11	7.52	6.34	3.33	9.76	4.31	2.49	1.43	2.36	1.41	56.20
1985	3.09	1.49	4.57	0.98	2.57	7.50	9.56	10.15	2.23	7.53	6.05	7.21	62.93
1986	2.69	9.61	2.52	0.39	1.33	9.23	11.79	11.62	4.27	2.01	8.39	7.93	71.78
1987	6.45	6.15	9.46	0.44	6.17	12.54	6.34	8.95	3.96	T	6.35	1.01	67.82
1988	3.52	7.07	7.38	3.77	0.54	2.14	6.74	5.73	3.98	2.53	3.98	1.08	48.46
1989	0.47	2.93	4.35	3.64	5.00	17.41	6.48	6.26	4.51	3.37	4.58	4.59	63.59
1990	3.10	7.33	3.38	3.38	1.94	3.98	3.43	6.83	4.86	2.49	0.55	4.46	45.73
1991	18.94	0.87	12.55	5.96	9.73	6.39	9.60	3.89	0.56	1.54	0.63	1.59	72.25
1992	6.52	6.41	3.84	0.33	5.31	14.96	3.19	6.82	4.20	2.87	6.96	1.37	62.78
1993	9.63	4.50	6.86	0.43	1.79	2.31	8.05	6.13	1.75	5.37	2.12	2.99	51.93
1994	8.23	2.63	11.80	3.43	4.49	8.84	8.31	13.46	10.88	11.57	3.52	2.73	89.89
1995	3.30	2.64	5.61	2.12	4.01	7.60	9.64	2.73	3.71	3.91	3.36	3.77	52.40
1996	2.90	3.57	8.43	3.68	1.94	4.68	3.35	8.21	4.04	8.69	1.11	6.12	56.72
1997	4.17	5.56	2.23	5.98	8.15	9.79	7.24	4.87	1.40	4.99	6.36	3.51	64.25
1998	4.49	7.27	6.82	1.05	0.54	1.95	16.40	3.16	13.92	0.18	1.39	1.66	58.83
1999	4.27	1.64	3.23	0.91	6.91	7.49	7.35	6.06	5.82	1.62	2.22	2.55	50.07
2000	2.58	1.34	3.36	1.00	0.16	2.70	5.01	8.12	13.74	0.98	2.85	2.67	44.51
2001	2.39	0.64	8.85	1.73	2.87	15.83	6.72	12.02	5.57	3.95	2.10	0.78	63.45
2002	6.22	1.39	10.56	0.49	1.75	3.20	6.40	4.12	8.61	3.54	3.50	6.62	56.40
2003	0.34	6.83	6.84	2.07	3.15	14.30	7.58	10.45	4.41	4.52	2.80	2.01	65.30
2004	3.67	6.97	0.24	3.47	0.91	10.68	6.32	9.33	6.02	2.99	2.60	3.63	56.83
POR= 120 YRS	4.25	4.65	5.38	3.72	4.09	6.82	7.87	6.95	5.47	2.88	2.90	4.17	59.15

WBAN : 93805

AVERAGE TEMPERATURE (°F) 2004 TALLAHASSEE, FL (TLH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1975	54.8	57.8	60.0	65.5	76.4	80.1	79.4	81.3	76.5	70.1	59.8	51.5	67.8
1976	47.4	56.8	62.9	66.8	72.4	78.0	82.1	81.7	76.9	63.4	53.3	50.2	66.0
1977	43.9	49.2	63.9	67.4	72.8	80.0	82.0	80.7	79.1	64.1	60.4	51.1	66.2
1978	44.8	45.2	56.3	66.3	73.9	80.0	80.9	80.7	79.4	68.1	63.6	53.9	66.1
1979	46.1	49.8	58.1	67.2	72.1	77.4	81.0	79.5	77.1	66.3	58.8	52.0	65.5
1980	52.4	50.1	60.9	64.1	73.7	79.7	83.0	82.6	81.3	66.6	58.5	50.3	66.9
1981	44.3	55.0	57.1	68.8	70.8	82.3	82.0	79.8	75.7	68.1	57.6	50.3	66.0
1982	50.8	57.5	63.3	66.5	74.4	80.6	80.8	81.3	76.5	69.9	64.2	59.7	68.8
1983	49.2	53.0	57.9	62.8	72.6	78.2	82.8	82.4	75.7	70.3	57.5	50.7	66.1
1984	49.8	53.9	58.8	65.2	73.5	78.9	79.7	81.1	77.9	73.5	57.9	62.9	67.8
1985	46.5	56.2	64.5	66.4	74.8	80.5	80.5	80.8	77.5	74.4	66.7	48.3	68.1
1986	48.9	56.5	58.7	64.1	73.8	80.7	82.4	80.0	80.0	69.6	67.0	55.0	68.1
1987	49.1	53.2	59.3	62.4	74.9	78.9	82.2	82.5	77.0	62.0	61.1	55.6	66.5
1988	46.5	49.7	57.8	66.4	70.4	78.2	80.5	81.3	79.1	64.5	61.9	51.1	65.6
1989	58.3	56.3	62.9	65.0	72.7	79.3	81.2	81.5	77.6	68.0	59.6	45.5	67.3
1990	55.8	61.1	63.4	66.1	74.8	81.4	82.4	83.2	79.1	71.0	61.0	58.7	69.8
1991	54.5	56.7	62.2	71.5	77.7	79.8	82.2	81.6	79.7	69.5	56.2	55.7	68.9
1992	50.5	56.2	59.4	64.4	71.8	79.5	82.6	80.0	78.5	66.2	61.7	55.5	67.2
1993	58.1	53.5	59.5	62.2	73.5	80.9	83.3	83.4	79.6	69.1	59.3	50.0	67.7
1994	49.5	58.3	61.8	69.4	73.7	80.2	79.9	80.4	76.8	70.2	65.2	56.4	68.5
1995	50.8	55.1	64.0	67.2	76.1	78.8	83.4	83.5	79.1	71.0	55.9	50.6	68.0
1996	50.7	54.4	56.0	62.5	76.1	79.4	82.2	80.2	77.2	67.0	59.0	53.9	66.6
1997	53.9	57.6	66.7	65.2	71.5	77.1	81.8	81.0	79.7	69.2	57.1	51.8	67.7
1998	54.3	54.4	56.9	65.9	77.9	85.3	84.4	83.2	79.5	71.8	65.5	58.6	69.8
1999	53.8	56.6	58.2	70.5	74.0	79.9	82.6	84.2	78.1	70.7	59.7	52.0	68.4
2000	52.1	56.5	64.3	64.9	77.4	81.7	84.6	83.1	77.5	66.4	58.0	48.9	68.0
2001	47.6	59.8	58.7	67.2	73.4	79.3	81.9	80.5	75.5	66.8	63.5	57.8	67.7
2002	53.3	52.0	60.9	72.3	75.3	80.3	82.0	81.4	80.8	73.8	57.1	50.4	68.3
2003	46.3	54.8	64.8	66.5	75.8	79.3	80.2	80.7	77.0	69.5	63.0	48.3	67.2
2004	50.7	51.8	61.9	64.2	75.7	80.7	82.1	81.6	78.7	72.3	62.6	50.3	67.7
POR= 113 YRS	52.6	54.9	61.0	67.2	74.4	79.8	80.9	80.8	77.9	69.1	59.8	53.8	67.7

HEATING DEGREE DAYS (base 65°F) 2004 TALLAHASSEE, FL (TLH)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1975-76	0	0	5	22	237	417	537	234	110	32	4	0	1598
1976-77	0	0	0	100	359	456	649	434	116	46	0	0	2160
1977-78	0	0	0	93	175	433	620	548	271	42	0	0	2182
1978-79	0	0	0	41	76	364	581	424	217	28	13	0	1744
1979-80	0	0	0	54	213	399	385	442	169	74	0	0	1736
1980-81	0	0	0	55	212	448	636	288	243	17	5	0	1904
1981-82	0	0	7	36	234	456	442	204	155	50	0	0	1584
1982-83	0	0	1	53	106	208	482	332	249	102	1	0	1534
1983-84	0	0	4	34	231	446	464	320	212	80	3	1	1795
1984-85	0	0	0	14	254	107	573	263	82	61	0	0	1354
1985-86	0	0	0	10	59	525	492	259	222	80	0	0	1647
1986-87	0	0	0	53	62	316	487	324	203	126	0	0	1571
1987-88	0	0	0	114	171	303	567	439	234	54	8	0	1890
1988-89	0	0	0	80	133	426	218	276	135	89	14	0	1371
1989-90	0	0	0	74	186	599	281	128	97	68	0	0	1433
1990-91	0	0	0	58	142	228	327	232	149	19	0	0	1155
1991-92	0	0	0	34	292	299	447	262	195	99	24	0	1652
1992-93	0	0	0	39	182	291	230	315	193	102	0	0	1352
1993-94	0	0	2	41	204	456	475	216	147	36	2	0	1579
1994-95	0	0	0	12	89	272	435	282	84	36	1	0	1211
1995-96	0	0	0	31	294	451	440	327	301	136	5	0	1985
1996-97	0	0	0	50	206	342	358	221	50	59	14	0	1300
1997-98	0	0	0	57	252	416	341	302	264	63	0	0	1695
1998-99	0	0	0	11	69	221	347	247	210	38	1	0	1144
1999-00	0	0	0	49	165	396	394	247	62	71	0	0	1384
2000-01	0	0	0	61	259	506	539	163	218	59	0	0	1805
2001-02	0	0	5	80	86	255	372	364	185	10	9	0	1366
2002-03	0	0	0	12	274	445	571	279	75	62	0	0	1718
2003-04	0	0	0	7	137	511	443	378	114	92	4	0	1686
2004-	0	0	0	7	136	466							

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COOLING DEGREE DAYS (base 65°F) 2004 TALLAHASSEE, FL (TLH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1975	6	23	53	101	361	459	455	513	352	189	89	3	2604
1976	0	4	51	94	241	395	537	526	367	57	14	6	2292
1977	0	0	87	123	249	455	536	494	428	73	46	7	2498
1978	0	0	11	87	280	459	498	497	437	143	41	27	2480
1979	0	2	10	103	241	378	503	456	366	102	35	2	2198
1980	0	15	48	54	278	448	566	554	497	110	26	0	2596
1981	0	14	5	136	194	528	537	467	334	140	21	6	2382
1982	11	2	108	102	295	476	497	511	353	214	88	50	2707
1983	0	0	35	43	242	400	558	548	328	203	14	9	2380
1984	0	4	30	94	275	424	464	508	391	285	48	48	2571
1985	8	23	72	111	314	473	486	498	380	310	120	12	2807
1986	0	25	34	56	274	480	544	473	456	206	127	12	2687
1987	0	2	35	56	314	426	541	550	368	30	62	20	2404
1988	0	2	15	104	181	401	488	513	431	73	48	5	2261
1989	15	37	75	94	261	435	505	517	386	174	30	1	2530
1990	0	26	53	108	308	499	544	572	430	251	30	38	2859
1991	7	7	70	222	401	451	542	525	443	184	33	18	2903
1992	3	15	29	85	243	441	549	472	411	85	92	3	2428
1993	23	0	30	26	271	483	570	580	448	173	40	0	2644
1994	1	34	54	174	280	466	470	481	359	180	101	16	2616
1995	1	10	62	110	351	423	576	581	430	223	28	10	2805
1996	3	25	26	66	358	442	540	480	372	120	31	7	2470
1997	23	20	112	71	220	369	528	504	448	192	20	16	2523
1998	19	14	22	95	408	617	608	572	444	227	91	30	3147
1999	3	19	5	211	287	456	552	604	401	234	14	1	2787
2000	0	8	51	76	392	507	614	569	382	112	56	12	2779
2001	5	24	29	130	270	434	533	486	326	144	50	36	2467
2002	17	6	61	237	335	465	534	515	483	292	45	0	2990
2003	0	2	78	114	340	437	476	497	368	155	84	0	2551
2004	5	0	24	73	340	479	539	521	414	238	65	18	2716

SNOWFALL (inches) 2004 TALLAHASSEE, FL (TLH)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1975-76	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
1976-77	0.0	0.0	0.0	0.0	0.0	T	T	T	0.0	0.0	0.0	0.0	T
1977-78	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
1978-79	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
1979-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1980-81	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
1981-82	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
1982-83	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
1983-84	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
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1985-86	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
1986-87	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
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1988-89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T
1989-90	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1990-91	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1991-92	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
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1993-94	T	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1994-95	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
1995-96	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T				
1996-97													
1997-98													
1998-99													
1999-00													
2000-01													
2001-02													
2002-03													
2003-04													
2004-													
POR= 34 YRS	T	0.0	T	0.0	0.0	T	T	0.0	T	0.0	0.0	T	T

WBAN : 93805

REFERENCE NOTES :

<p>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).</p> <p>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).</p> <p>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.</p>	<p>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.</p> <p>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.</p>
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2004
TALLAHASSEE,
FLORIDA (TLH)

Located about 20 miles from the Gulf of Mexico, Tallahassee has a mild, moist climate of the Gulf States. In contrast to the southern part of the Florida Peninsula, there is a definite march of the four seasons with considerable winter rainfall and quite a bit less winter sunshine. The annual average temperature is about 68 degrees.

During the winter, topographic effects and cold air drainage into lower elevations produce a wide variation of low temperatures on cold, clear and calm nights. Freezing temperatures at the airport and surrounding suburban areas average about thirty-six occurrences each winter, but freezing temperatures in the city are about half that number. Temperatures of 25 degrees or lower in the suburban areas average about twelve times per winter, with temperatures dropping into the teens on occasions. Below zero temperatures are rarely recorded. Snow in Tallahassee is infrequent. The date for the last occurrence of 32 degrees is February 28, but has been as late as April 8. The date of the first occurrence of 32 degrees in the fall is November 25, but has been as early as October 18. This gives an average growing season of some 270 days.

Summer is the least pleasant time of the year. Thunderstorms occur every other day. Rather high temperatures and very high humidities cause considerable discomfort. Occurrences of temperatures of 90 degrees or higher average about 90 days per year, but only about 22 of these days have readings as high as 95 degrees. Temperatures reach 100 degrees once or twice in less than half the years. In general, summertime cloudiness holds the high temperatures about 90 degrees.

July is the wettest month followed by August, September, and June. The driest months are October, November, and April.

Extended droughts are infrequent, shorter droughts are rather common, but both are significant. Droughts, or rainfall deficiencies, when extended over months or years, cause the disappearance of large lakes and cypress ponds. Droughts of shorter duration create fire danger in the nearby forests.

High winds are infrequent and of short duration, usually associated with strong cold fronts in the late winter and early spring months. The likelihood of a hurricane occurrence in our coastal area is about once every 17 years with fringe effects felt about once every five years.

STATION LOCATION

TALLAHASSEE, FLORIDA

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										AUTOMATIC OBSERVING * EQUIPMENT	* TYPE M = AMOS T = AUTOB S = ASOS W = AWOS REMARKS
						GROUND											
						SEA LEVEL GROUND TEMPERATURE	WIND INSTRUMENT	EXTREME THERMOMETER	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET	RAINING GAUGE	WINDHOLE GAUGE	8 INCH RAIN GAGE	HYGROMETER		
*NOTES:																	
AIRPORT																	
Old Administration Bldg Dale Mabry Field 3.5 miles West of P.O.	3/01/40	6/10/46		30°26'	84°20'	64	47	5	5					3			
Building T-167 Dale Mabry Field	6/10/46	3/29/61	3700 ft. SE	30°26'	84°19'	64	a54	5	5				c5	3	b	a. 28 feet to 12/4/49. b. Telepsychrometer (4') 10/4/48 until removed 5/8/65. c. Installed 6/16/58.	
Municipal Airport	3/29/61	04/01/96	3 mi. SSW	30°23'	84°22'	f55	g25	5	5	NA	NA i3	d5	3 j3	be5 k5	NA	d. First site 30 feet South of Control Tower, 61 feet higher than gage; moved 60 feet East 10/6/64 to site 40 feet SSE of building, 24 feet higher than gage; moved 293 feet WSW 1/29/65 to site 87 feet SSW of building, 14 feet higher than gage. Height of gage above ground 5 feet for all sites. e. Commissioned 1150 feet NW of thermometer site 10/12/64. f. 58 feet to 10/12/64. g. 78 feet to 3/29/65. i. Installed 9/8/77. j. Minor move 7/12/78. k. Type change 9/13/85.	
Municipal Airport	04/01/96	Present	NA	30°24'	84°21'	171									S	ASOS Commissioned 04/01/96 l. Ground elevation.	

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* NOTES: For earlier station history see previous edition.