2007
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY
METEOROLOGICAL DATA FOR 2007
SPRING HILL, TN (THOT1)

LATITUDE: 35° 46'N **LONGITUDE:** -86 ° 55'W **ELEVATION (FT)** GRND: 748 BARO: 762 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** -

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE (°F)	MEAN DAILY MAXIMUM	49.5	48.0	71.1	68.9	84.0	89.8	89.2	99.4	87.1	76.1	60.6	54.9	73.2
	HIGHEST DAILY MAXIMUM	69	74	86	88	90	96	95	107	96	91	76	77	107
	DATE OF OCCURRENCE	13	28	26	30	10	17	31	15	03	07	05	11	AUG 15
	MEAN DAILY MINIMUM	29.3	24.8	41.6	41.2	54.6	62.6	65.7	69.9	60.6	49.2	34.0	33.5	47.2
	LOWEST DAILY MINIMUM	8	10	20	18	40	55	60	63	49	34	24	12	8
	DATE OF OCCURRENCE	31	03	05	08	20	22	23	13	30	30	30	17	JAN 31
	AVERAGE DRY BULB	39.4	36.4	56.4	55.0	69.3	76.2	77.5	84.6	73.9	62.6	47.3	44.2	60.2
	MEAN WET BULB													
	MEAN DEW POINT													
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	1	19	14	31	10	3	0	0	78
	MAXIMUM <= 32°	1	4	0	0	0	0	0	0	0	0	0	0	5
	MINIMUM <= 32°	20	25	7	6	0	0	0	0	0	0	16	14	88
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	787	794	283	313	31	0	0	0	1	153	524	637	3523
	COOLING DEGREE DAYS	0	0	22	21	173	346	395	616	273	88	0	0	1934
RH	MEAN (PERCENT)													
	HOUR 06 LST													
	HOUR 12 LST													
	HOUR 18 LST													
	HOUR 24 LST													
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	0	0	1	0	0	1	0	0	0	0	1	1	4
	THUNDERSTORMS	0	2	1	7	5	13	8	4	5	2	3	2	52
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.)													
	MEAN SEA-LEVEL PRESS. (IN.)													
WINDS	RESULTANT SPEED (MPH)													
	RES. DIR. (TENS OF DEGS.)													
	MEAN SPEED (MPH)													
	PREVAIL.DIR.(TENS OF DEGS.)													
	MAXIMUM 1-MINUTE WIND:													
	SPEED (MPH)													
	DIR. (TENS OF DEGS.)													
	DATE OF OCCURRENCE													
	MAXIMUM PEAK WIND:													
	SPEED (MPH)	27	29	30										
	DIR. (TENS OF DEGS.)			27										
	DATE OF OCCURRENCE	30	30	03										
PRECITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	3.86	2.32	2.83	3.41	1.11	2.89	4.20	2.07	3.53	5.60	3.42	5.10	40.34
	GREATEST 24-HOUR (IN.)	1.38	1.07	1.32	0.98	0.56	1.59	2.28	1.79	2.18	2.97		1.54	2.97
	DATE OF OCCURRENCE	04-05	13-13	01-01	10-11	04-04	18-19	06-07	24-25	10-11	22-23		20-20	OCT 22-23
	NUMBER OF DAYS WITH:													
	PRECIPITATION >= 0.01	8	8	5	10	5	10	10	5	8	9	8	13	99
	PRECIPITATION >= 0.10	5	3	3	9	4	6	8	2	5	5	5	8	63
	PRECIPITATION >= 1.00	0	2	1	0	0	1	1	1	1	3	1	1	12
SNOWFALL	SNOW, ICE PELLETS, HAIL:													
	TOTAL (IN.)	T	1.8	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	1.8
	GREATEST 24-HOUR (IN.)	T	1.1	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	1.1
	DATE OF OCCURRENCE	28+	02		15+								16	
	MAXIMUM SNOW DEPTH (IN.)	0	1	0	0	0	0	0	0	0	0	0	0	1
	DATE OF OCCURRENCE		2											FEB 02
	NUMBER OF DAYS WITH:													
	SNOWFALL >=1.0	0	1	0	0	0	0	0	0	0	0	0	0	1