



MAY 2000

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

OAK RIDGE, TN

OAK RIDGE (OQT)
 Lat: 36°01' N Long: 84°14' W Elev (Ground): 910 Feet
 Time Zone: EASTERN WBAN: 53868 ISSN #: -

MAY 2000
OAK RIDGE, TN

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM						
																			5-SEC		2-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		
01	79	44*	62	1	49	56	3	0	FG+ BR				0.00	29.11	30.07	4.1	21	4.7	25	19	18	19	01		
02	79	61	70	9	61	64	0	5	RA BR				0.01	29.09	30.03	0.5	23	2.9	12	06	9	20	02		
03	83	58	71	10	61	64	0	6	RA FG+ BR				0.98	29.19	30.13	1.0	20	3.5	29	15	21	16	03		
04	77	62	70	8	64	65	0	5	RA FG+ BR				0.01	29.24	30.19	0.8	15	2.0	14	13	10	14	04		
05	83	58	71	9	61	64	0	6	FG+ BR				0.00	29.25	30.20	1.0	18	2.0	12	20	9	19	05		
06	86	58	72	10	60	64	0	7	FG+ BR				0.00	29.21	30.15	0.5	23	1.7	13	23	9	22	06		
07	85	59	72	10	60	65	0	7	BR				0.00	29.12	30.06	2.4	22	3.0	17	18	13	20	07		
08	86	64	75	12	60	66	0	10	BR				0.00	29.03	29.96	5.6	22	5.8	24	23	18	20	08		
09	85	63	74	11	60	65	0	9					0.00	28.95	29.87	4.0	22	5.7	22	21	16	21	09		
10	76	55	66	3	55	61	0	1	RA BR				0.04	28.96	29.90	1.0	26	3.2	17	27	13	26	10		
11	85	51	68	4	59	63	0	3	HZ				0.00	29.00	29.94	3.0	22	3.9	11	23	11	23	11		
12	87	68	78*	14	67	71	0	13	BR HZ				0.00	28.93		4.8	22	5.5	21	21	12	22	12		
13	83	65	74	10	60	66	0	9	RA BR				T	28.98	29.91	2.2	28	4.3	18	28	11	28	13		
14	73	54	64	-1	42	53	1	0					0.00	29.20	30.15	1.4	08	4.7	10	06	9	06	14		
15	72	48	60*	-5			5	0					0.00					4.6					15		
16	80	62	71	6			0	6					0.00					4.5	22	22	16	23	16		
17	75	58	67	2	59	62	0	2	RA BR				T	29.12	30.07	1.9	24	3.0	22	22	13	23	17		
18	88*	64	76	11	60	66	0	11	BR				0.00	29.12	30.06	5.3	22	6.5	28	23	18	19	18		
19	86	67	77	12	65	68	0	12	RA BR				0.23	29.09	30.02	4.4	23	5.8	24	21	18	21	19		
20	79	64	72	6	65	66	0	7	RA BR				0.12	29.08	30.02	1.1	22	3.2	15	29	9	28	20		
21	81	62	72	6	62	65	0	7	RA BR				T	29.01	29.95	0.5	22	2.4	13	27	9	28	21		
22	79	55	67	0	56	61	0	2	BR				0.00	28.95	29.89	0.8	25	2.1	15	20	9	26	22		
23	75	60	68	1	63	64	0	3	RA FG BR				1.94	28.83	29.77	0.5	28	3.3	38*	34	25*	36	23		
24	79	65	72	5	70	70	0	7	RA FG BR				2.14	28.81	29.74	0.8	25	1.8	16	32	13	17	24		
25	80	63	72	5	66	68	0	7	RA FG+ BR				0.70	28.91	29.84	0.9	24	2.5	25	26	15	24	25		
26	81	59	70	2	64	65	0	5	RA FG+ BR				0.33	29.03	29.97	1.2	08	2.5	21	28	13	29	26		
27	87	67	77	9	69	71	0	12	RA BR				0.02	28.98	29.91	4.0	22	4.7	31	28	18	29	27		
28	80	64	72	4	61	65	0	7	RA				0.06	28.88	29.81	3.7	24	6.2	25	28	17	27	28		
29	71	57	64	-4	56	60	1	0					0.00	28.99	29.94	0.5	31	1.5	13	01	10	35	29		
30	79	55	67	-2	58	61	0	2	BR				0.00	29.13	30.08	0.5	14	1.3	12	17	8	21	30		
31	83	59	71	2	62	65	0	6	FG+ BR				0.00	29.21	30.15	0.3	24	1.9	14	22	9	18	31		
MONTHLY AVERAGES										TOTALS-->				<-- MONTHLY AVERAGES											
80.7 59.6 70.2										0.3 5.7				3.6											
3.3 7.4 5.3										<----- DEPARTURE FROM NORMAL ----->				1.90											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 3.80 DATE: 23-24				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL:				MAXIMUM				: 30.28 05 0753							
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH:				MINIMUM				: 29.67 23 1853							
HEATING: 10 -86 3264 -919										NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH : 12			
COOLING: 177 84 182 83														MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 7			
																		SNOWFALL ≥ 1.0 INCH :							

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN

MAY 2000

OQT

WBAN # 53868

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01			0.00	
02	T	T											02								0.01	T			02			0.01	
03				0.01									03						0.77	0.02	0.01	0.03	0.09	0.02	03			0.98	
04	T	T						0.01					04								0.04				04			0.01	
05													05												05			0.00	
06													06												06			0.00	
07													07												07			0.00	
08													08												08			0.00	
09													09												09			0.00	
10			T	0.01	0.03	T							10												10			0.04	
11													11												11			0.00	
12													12												12			0.00	
13													13												13			T	
14													14												14			0.00	
15													15												15			0.00	
16													16												16			0.00	
17													17		T	T	T								17			T	
18													18												18			0.00	
19													19						0.01		0.21	0.01		T	19			0.23	
20													20			0.02	0.01	0.01	T	T	0.07	T	0.01	T	20			0.12	
21													21							T					21			T	
22													22												22			0.00	
23					T	0.06	0.12	0.01					23			0.28	0.56	0.18			0.01		0.03	0.69	23			1.94	
24	0.01	0.12	0.27	0.85	0.32	0.15	0.07	0.01	0.01	0.02	0.23	T	24			T	0.05	T				0.01	0.03	24			2.14		
25					0.04	0.06	0.08	T					25				0.01	T							25			0.70	
26				0.01									26			T	0.07	0.01						0.24	26			0.33	
27		0.01											27								T				27			0.02	
28													28		0.06						T		0.01		28			0.06	
29													29												29			0.00	
30													30												30			0.00	
31													31												31			0.00	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.51	.63	.67	.67	.68	.71	.98	1.08	1.26	1.31	1.39	1.45
Ending Date	23	23	23	23	23	23	24	24	24	24	24	24
Ending Time (Hour/Min)	2326	2327	2329	2329	2329	2329	0358	0415	0402	0420	0444	0518

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MAY 2000

QQT

WBAN # 53868

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)																																																																																																											
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																																																																																																				
				SUNRISE: 0544				MAY 01				SUNSET: 1924				SUNRISE: 0538				MAY 07				SUNSET: 1929																																																																																																									
01	CLR	NC		10.00	51	46	49	83	0	00	29.16	30.12	01	CLR	NC		9.00	65	62	63	90	0	00	29.16	30.10	04	CLR	NC		7.00	62	60	61	93	0	00	29.16	30.10	07	CLR	NC		3.00	61	60	60	97	0	00	29.19	30.14	10	CLR	NC		10.00	66	49	57	54	0	00	29.19	30.16	13	CLR	NC		10.00	78	48	61	35	12	20	29.11	30.07	16	CLR	NC		10.00	79	51	63	38	16	20	29.04	29.98	19	FEW	NC		10.00	75	52	62	45	7	21	29.01	29.97	22	SCT	NC		10.00	69	53	60	57	5	VR	29.05	29.99	22	CLR	NC		10.00	71	62	65	73	0	00	29.07	30.00
				SUNRISE: 0543				MAY 02				SUNRISE: 0537				MAY 08				SUNSET: 1930																																																																																																													
01	OVC	100		9.00	65	57	60	76	3	24	29.05	29.99	01	CLR	NC		10.00	67	62	64	84	0	00	29.07	30.00	04	CLR	NC		9.00	65	61	63	87	0	00	29.10	29.99	07	BKN	070		8.00	63	58	60	84	5	VR	29.06	30.00	10	BKN	035		10.00	70	59	63	68	0	00	29.10	30.04	13	OVC	037		10.00	73	61	66	66	0	00	29.12	30.06	16	FEW	NC		10.00	79	61	68	54	5	26	29.08	30.02	19	FEW	NC		10.00	71	64	67	79	6	06	29.08	30.03	22	SCT	NC		3.00	66	65	65	96	3	05	29.13	30.08	22	CLR	NC		10.00	73	59	64	62	6	25	28.98	29.91
				SUNRISE: 0542				MAY 03				SUNRISE: 0536				MAY 09				SUNSET: 1930																																																																																																													
01	CLR	NC		4.00	63	62	62	97	0	00	29.15	30.10	01	CLR	NC		10.00	68	58	62	70	3	23	28.95	29.88	04	CLR	NC		2.50	59	59	59	100	0	00	29.14	30.09	07	BKN	048		10.00	65	60	62	84	0	00	29.02	29.95	10	CLR	NC		3.00	60	59	59	96	5	07	29.19	30.14	13	FEW	NC		10.00	71	61	65	71	3	VR	29.21	30.16	16	CLR	NC		10.00	79	62	68	56	5	VR	29.19	30.13	19	OVC	018		1.25	81	61	68	51	6	VR	29.13	30.08	22	OVC	048		5.00	64	63	63	96	6	23	29.21	30.18	22	CLR	NC		10.00	64	63	63	96	7	26	29.26	30.22
				SUNRISE: 0541				MAY 04				SUNRISE: 0535				MAY 10				SUNSET: 1931																																																																																																													
01	OVC	100		5.00	63	63	63	100	0	00	29.25	30.19	01	FEW	NC		10.00	70	59	63	68	0	00	28.85	29.78	04	OVC	003		2.00	63	63	63	100	0	00	29.23	30.17	07	OVC	003		1.00	62	62	62	100	0	00	29.26	30.22	10	FEW	NC		8.00	69	64	66	84	0	00	29.28	30.23	13	BKN	033		9.00	76	65	69	69	5	VR	29.26	30.20	16	SCT	NC		8.00	71	64	67	79	7	14	29.21	30.16	19	CLR	NC		10.00	73	65	68	76	0	00	29.20	30.16	22	CLR	NC		5.00	65	64	64	97	0	00	29.26	30.22	22	CLR	NC		10.00	59	53	56	81	0	00	29.04	29.98
				SUNRISE: 0540				MAY 05				SUNRISE: 0534				MAY 11				SUNSET: 1932																																																																																																													
01	VV	001		0.25	62	62	62	100	0	00	29.27	30.22	01	CLR	NC		10.00	53	51	52	93	0	00	29.04	30.00	04	VV	001		0.25	61	61	61	100	0	00	29.27	30.23	07	CLR	NC		10.00	51	50	51	96	0	00	29.04	29.98	10	CLR	NC		10.00	59	59	59	100	0	00	29.31	30.27	13	CLR	NC		10.00	72	60	65	66	5	21	29.32	30.27	16	CLR	NC		10.00	79	60	67	52	6	VR	29.28	30.22	19	CLR	NC		10.00	81	56	66	42	3	VR	29.20	30.15	22	CLR	NC		9.00	68	63	65	84	0	00	29.22	30.16	22	CLR	NC		10.00	77	66	70	69	0	00	29.04	29.86
				SUNRISE: 0539				MAY 06				SUNRISE: 0533				MAY 12				SUNSET: 1933																																																																																																													
01	CLR	NC		7.00	63	61	62	93	0	00	29.23	30.18	01	CLR	NC		7.00	70	66	67	87	0	00	28.92	29.85	04	SCT	NC		0.25	59	59	59	100	0	00	29.23	30.18	07	VV	001		<.25	58	58	58	100	0	00	29.27	30.22	10	CLR	NC		10.00	75	61	66	62	3	VR	29.27	30.21	13	CLR	NC		10.00	82	58	67	44	5	33	29.22	30.16	16	CLR	NC		10.00	85	60	69	43	7	21	29.17	30.11	19	CLR	NC		10.00	81	59	67	47	3	22	29.13	30.08	22	CLR	NC		10.00	69	62	65	78	0	00	29.15	30.09	22	SCT	NC		8.00	77	66	70	69	3	VR	28.92	29.85

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MAY 2000

QQT

WBAN # 53868

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0533								MAY 13								SUNSET: 1934															
01	SCT	NC				9.00		75	66	69	74	0	00	28.92	29.83	01	CLR	NC				10.00		71	59	64	66	0	00	29.15	30.08
04	CLR	NC				6.00	BR	69	66	67	90	0	00	28.92	29.83	04	CLR	NC				10.00		69	61	64	76	3	22	29.11	30.04
07	BKN	038				5.00	BR	70	66	67	87	0	00	28.95	29.87	07	CLR	NC				9.00		69	63	65	81	0	00	29.10	30.03
10	CLR	NC				10.00		77	64	69	64	5	20	28.95	29.87	10	CLR	NC				10.00		79	66	70	65	9	24	29.11	30.04
13	FEW	NC				10.00		83	64	71	53	8	24	28.96	29.88	13	FEW	NC				10.00		86	67	73	53	10	22	29.08	29.99
16	FEW	NC				10.00		78	61	67	56	9	32	28.99	29.91	16	SCT	NC				10.00		83	65	71	55	9	22	29.02	29.95
19	CLR	NC				10.00		74	53	62	48	3	VR	29.02	29.95	19	OVC	048				3.00	RA BR	74	70	71	88	5	VR	29.07	30.00
22	CLR	NC				10.00		68	50	58	53	6	36	29.09	30.03	22	OVC	100				7.00		69	68	68	96	0	00	29.07	30.00
SUNRISE: 0532								MAY 14								SUNSET: 1935															
01	CLR	NC				10.00		63	45	53	52	5	VR	29.13	30.06	01	CLR	NC				6.00	BR	67	66	66	97	6	VR	29.08	30.00
04	CLR	NC				10.00		58	43	50	58	5	VR	29.14	30.10	04	OVC	004				6.00	BR	67	66	66	97	5	22	29.07	30.00
07	CLR	NC				10.00		57	44	50	62	0	00	29.21	30.16	07	BKN	004				6.00	BR	67	65	66	93	5	21	29.09	30.03
10	CLR	NC				10.00		64	44	54	48	10	06	29.24	30.19	10	BKN	025				10.00		74	64	68	71	5	VR	29.09	30.03
13	CLR	NC				10.00		70	45	56	41	6	15	29.22	30.17	13	BKN	042				10.00		76	63	68	64	8	22	29.08	30.01
16	CLR	NC				10.00		73	40	56	30	7	VR	29.17	30.12	16	BKN	060				10.00		71	64	67	79	0	00	29.06	30.00
19	CLR	NC				10.00		68	38	53	33	6	VR	29.17	30.14	19	OVC	050				10.00		69	65	66	87	0	00	29.04	29.98
22	CLR	NC				10.00		58	41	50	54	0	00	29.23	30.20	22	OVC	040				9.00		66	64	65	93	0	00	29.09	30.03
SUNRISE: 0531								MAY 15								SUNSET: 1935															
01	CLR	NC				10.00		55	40	48	57	5	02	29.27	30.23	01	OVC	095				5.00	BR	64	63	63	96	0	00	29.05	29.98
04	CLR	NC				10.00		51	40	46	66	0	00	29.27	30.24	04	BKN	055				4.00	BR	62	62	62	100	0	00	29.05	29.99
07	CLR	NC				10.00		49	42	46	77	0	00	29.30	30.27	07	BKN	070				4.00	BR	63	62	62	97	0	00	29.06	30.01
10	CLR	NC				10.00		64	41	52	43	6	04	29.29	30.26	10	OVC	055				10.00		69	62	65	78	0	00	29.06	30.00
13	CLR	NC				10.00		71	35	53	27	6	VR	29.24	30.20	13	BKN	070				10.00		77	63	68	62	6	VR	29.02	29.96
16																16	FEW	NC				10.00		79	63	69	58	5	VR	28.95	29.88
19																19	BKN	039				10.00		74	66	69	76	3	VR	28.94	29.88
22																22	BKN	050				10.00		66	63	64	90	0	00	28.98	29.93
SUNRISE: 0530								MAY 16								SUNSET: 1936															
01																01	CLR	NC				10.00		62	59	60	90	0	00	28.97	29.91
04																04	CLR	NC				7.00		59	57	58	93	0	00	28.97	29.91
07	CLR	NC				10.00		50	46	48	86	0	00	29.23		07	CLR	NC				5.00	BR	59	57	58	93	3	23	29.00	29.94
10																10	FEW	NC				10.00		69	54	60	59	0	00	29.01	29.95
13	CLR	NC				10.00		75	48	60	39	8	21	29.15		13	BKN	049				10.00		75	53	62	46	6	VR	28.97	29.91
16	CLR	NC				10.00		79	47	61	32	9	21	29.08		16	SCT	NC				10.00		77	55	64	47	5	VR	28.92	29.86
19	CLR	NC				10.00		76	50	61	40	6	21	29.07		19	CLR	NC				10.00		76	55	63	48	5	21	28.91	29.85
22	FEW	NC				10.00		64	54	58	70	0	00	29.10		22	FEW	NC				10.00		65	59	61	81	0	00	28.92	29.86
SUNRISE: 0529								MAY 17								SUNSET: 1937															
01	CLR	NC				10.00		61	53	57	75	3	22	29.09	30.04	01	CLR	NC				10.00		61	58	59	90	0	00	28.88	29.82
04	CLR	NC				10.00		60	53	56	78	0	00	29.08	30.03	04	BKN	110				10.00		61	58	59	90	0	00	28.85	29.79
07	FEW	NC				9.00		63	55	58	76	0	00	29.12	30.07	07	OVC	030				1.75	RA BR	63	62	62	97	7	19	28.88	29.81
10	CLR	NC				9.00		67	57	61	71	6	VR	29.16	30.11	10	OVC	015				10.00		67	63	64	87	6	VR	28.85	29.80
13	FEW	NC				10.00		72	59	64	64	10	25	29.13	30.08	13	BKN	020				10.00		74	66	69	76	7	VR	28.81	29.75
16	CLR	NC				8.00		71	61	65	71	0	00	29.11	30.07	16	OVC	021				0.50	+RA FG	62	62	62	100	16	34	28.80	29.75
19	CLR	NC				8.00		73	63	67	71	0	00	29.09	30.04	19	FEW	NC				9.00		66	65	65	96	3	33	28.76	29.70
22	CLR	NC				6.00	BR	67	63	64	87	0	00	29.11	30.06	22	FEW	NC				4.00	BR	65	65	65	100	0	00	28.80	29.75
SUNRISE: 0529								MAY 18								SUNSET: 1938															
01	CLR	NC				6.00	BR	64	62	63	93	0	00	29.10	30.05	01	BKN	120				9.00	-RA	66	65	65	96	0	00	28.80	29.73
04	CLR	NC				7.00		66	61	63	84	3	VR	29.10	30.05	04	OVC	037				1.25	+RA BR	66	66	66	100	8	33	28.83	29.78
07	CLR	NC				4.00	BR	66	62	64	87	0	00	29.16	30.11	07	SCT	NC				10.00		66	65	65	96	0	00	28.79	29.74
10	CLR	NC				10.00		80	62	69	54	15	21	29.16	30.09	10	OVC	009				4.00	-RA BR	68	67	67	96	0	00	28.81	29.75
13	CLR	NC				10.00		86	60	69	42	15	20	29.14	30.08	13	OVC	027				4.00	BR	72	70	71	94	3	26	28.79	29.73
16	FEW	NC				10.00		87	57	68	36	12	22	29.10	30.03	16	OVC	040				4.00	-RA BR	76	74	75	94	3	VR	28.80	29.73
19	CLR	NC				10.00		84	56	67	38	8	24	29.08	30.01	19	SCT	NC				5.00	BR	76	74	75	94	0	00	28.80	29.73
22	FEW	NC				10.00		75	58	65	55	0	00	29.12	30.05	22	FEW	NC				4.00	BR	73	72	72	96	3	20	28.84	29.77

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

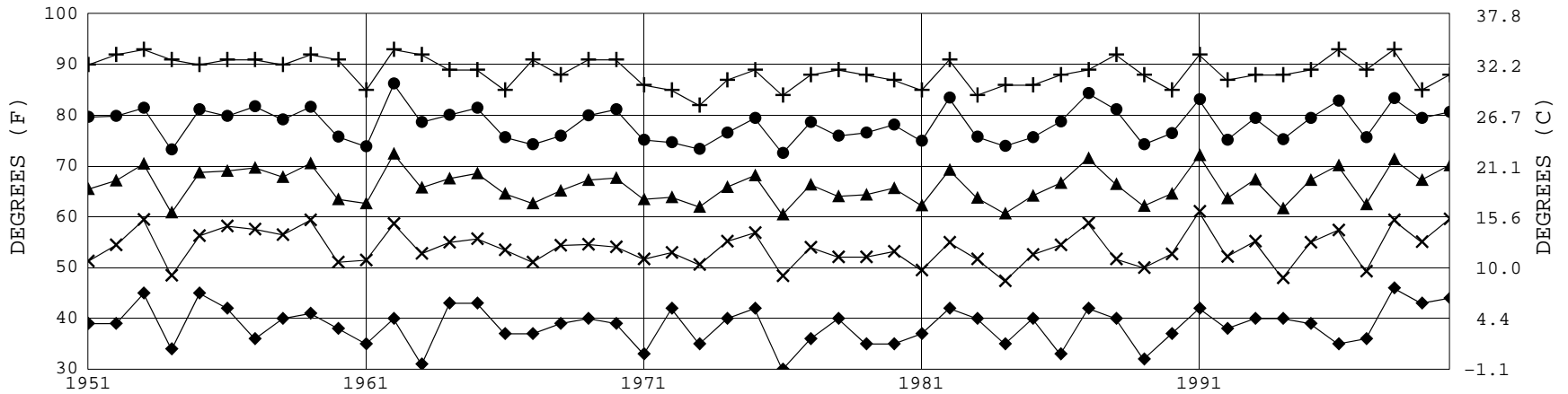
MAY 2000

QQT

WBAN # 53868

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)													
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL																					
SUNRISE: 0524							MAY 25							SUNSET: 1943							SUNRISE: 0522							MAY 31							SUNSET: 1947						
01	BKN	040			3.00	BR	72	71	71	97	0	00	28.79	29.72	01	CLR	NC			6.00	BR	61	59	60	93	0	00	29.16	30.11												
04	BKN	055			7.00	-RA	70	68	69	93	8	18	28.80	29.73	04	VV	001			0.25	FG	59	59	59	100	0	00	29.18	30.13												
07	BKN	027			8.00	-RA	66	65	65	96	3	17	28.83	29.77	07	SCT	NC			1.50	BR	60	60	60	100	0	00	29.24	30.19												
10	CLR	NC			10.00		73	67	69	81	7	VR	28.92	29.85	10	FEW	NC			10.00		74	60	65	62	3	VR	29.26	30.20												
13	OVC	040			10.00		76	65	69	69	6	VR	28.93	29.86	13	CLR	NC			10.00		80	61	68	52	7	24	29.22	30.17												
16	OVC	085			10.00		73	67	69	81	0	00	28.93	29.86	16	FEW	NC			10.00		83	62	69	49	3	VR	29.18	30.12												
19	OVC	080			10.00		73	65	68	76	0	00	28.95	29.88	19	CLR	NC			10.00		82	62	69	51	0	00	29.20	30.14												
22	CLR	NC			6.00	BR	65	65	65	100	0	00	28.98	29.92	22	CLR	NC			9.00		72	65	67	79	0	00	29.22	30.16												
SUNRISE: 0524							MAY 26							SUNSET: 1944							3-HOURLY OBSERVATION NOTES																				
01	OVC	001			0.75	BR	63	63	63	100	5	06	28.98	29.91	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8.																										
04	VV	001			0.50	FG	60	60	60	100	3	VR	29.01	29.96	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																										
07	OVC	001			2.50	BR	60	60	60	100	0	00	29.06	30.00	NC = No ceiling detected.																										
10	CLR	NC			10.00		69	60	64	73	5	VR	29.04	29.98	& = Original observation contained additional weather elements.																										
13	CLR	NC			10.00		76	63	68	64	7	17	29.05	29.99	See page 3 for additional notes.																										
16	BKN	024			6.00	-RA BR	70	68	69	93	0	00	29.04	29.98																											
19	CLR	NC			10.00		72	68	69	87	0	00	29.01	29.96																											
22	CLR	NC			5.00	BR	69	68	68	96	0	00	29.03	29.97																											
SUNRISE: 0523							MAY 27							SUNSET: 1945																											
01	SCT	NC			6.00	BR	67	66	66	97	0	00	29.01	29.94																											
04	OVC	029			4.00	BR	67	66	66	97	0	00	28.98	29.92																											
07	OVC	027			3.00	BR	67	66	66	97	0	00	29.04	29.98																											
10	OVC	011			5.00	BR	75	72	73	90	5	VR	29.04	29.97																											
13	FEW	NC			10.00		85	70	75	61	12	25	28.98	29.90																											
16	CLR	NC			10.00		87	70	75	57	8	22	28.93	29.85																											
19	SCT	NC			10.00		82	70	74	67	7	21	28.93	29.86																											
22	FEW	NC			10.00		69	68	68	96	5	20	28.95	29.89																											
SUNRISE: 0523							MAY 28							SUNSET: 1945																											
01	CLR	NC			10.00		68	66	67	93	3	21	28.92	29.84																											
04	CLR	NC			10.00		66	64	65	93	3	21	28.90	29.82																											
07	BKN	090			10.00		67	65	66	93	3	VR	28.90	29.83																											
10	OVC	027			10.00		72	65	67	79	10	21	28.90	29.84																											
13	BKN	090			10.00		77	65	69	66	16	23	28.83	29.76																											
16	SCT	NC			10.00		79	55	64	44	10	27	28.81	29.73																											
19	BKN	110			10.00		72	56	62	57	5	35	28.83	29.77																											
22	OVC	037			10.00		66	54	59	65	0	00	28.90	29.84																											
SUNRISE: 0523							MAY 29							SUNSET: 1946																											
01	OVC	035			10.00		63	55	58	76	0	00	28.91	29.85																											
04	SCT	NC			10.00		60	54	57	80	0	00	28.89	29.83																											
07	OVC	028			10.00		61	55	58	81	0	00	28.94	29.88																											
10	OVC	037			10.00		64	54	58	70	0	00	29.00	29.95																											
13	OVC	033			10.00		68	56	61	66	0	00	29.02	29.96																											
16	OVC	034			10.00		69	58	62	68	3	18	29.01	29.96																											
19	CLR	NC			10.00		69	58	62	68	3	35	29.02	29.97																											
22	CLR	NC			10.00		61	58	59	90	3	VR	29.06	30.01																											
SUNRISE: 0522							MAY 30							SUNSET: 1947																											
01	CLR	NC			8.00		57	56	56	96	0	00	29.08	30.03																											
04	BKN	060			5.00	BR	55	55	55	100	0	00	29.08	30.03																											
07	OVC	015			5.00	BR	58	57	57	97	0	00	29.14	30.10																											
10	BKN	017			10.00		67	59	62	76	3	VR	29.15	30.11																											
13	BKN	043			10.00		75	61	66	62	0	00	29.14	30.10																											
16	CLR	NC			10.00		77	56	64	48	3	13	29.09	30.05																											
19	CLR	NC			10.00		76	56	64	50	3	16	29.11	30.06																											
22	CLR	NC			9.00		66	60	62	81	0	00	29.16	30.11																											

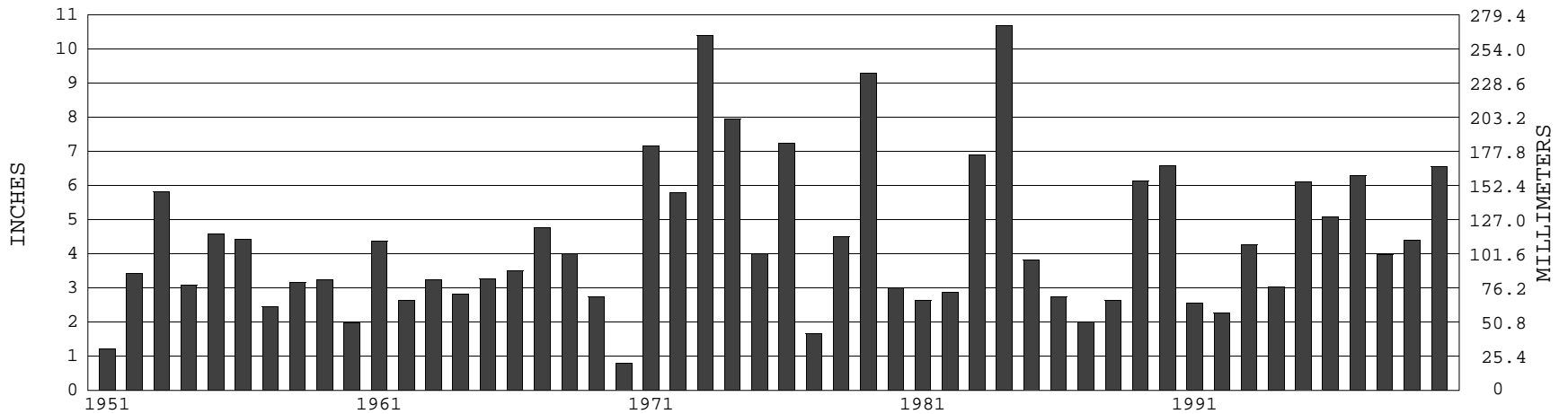
OAK RIDGE, TN MAY TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1951-2000) Mean: 66.2 1961-1990 Normal: 64.9

OAK RIDGE, TN MAY PRECIPITATION



Long-Term (1951-2000) Mean Monthly Total: 4.37

1961-1990 Normal: 4.68



**MAY 2000
OAK RIDGE, TN**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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