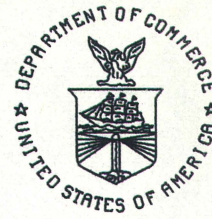




United States Centennial Cooperative Weather Station



A JOINT PROGRAM

DEPARTMENT OF COMMERCE/NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE/COOPERATIVE STATES RESEARCH SERVICE

AMERICAN ASSOCIATION OF STATE CLIMATOLOGISTS

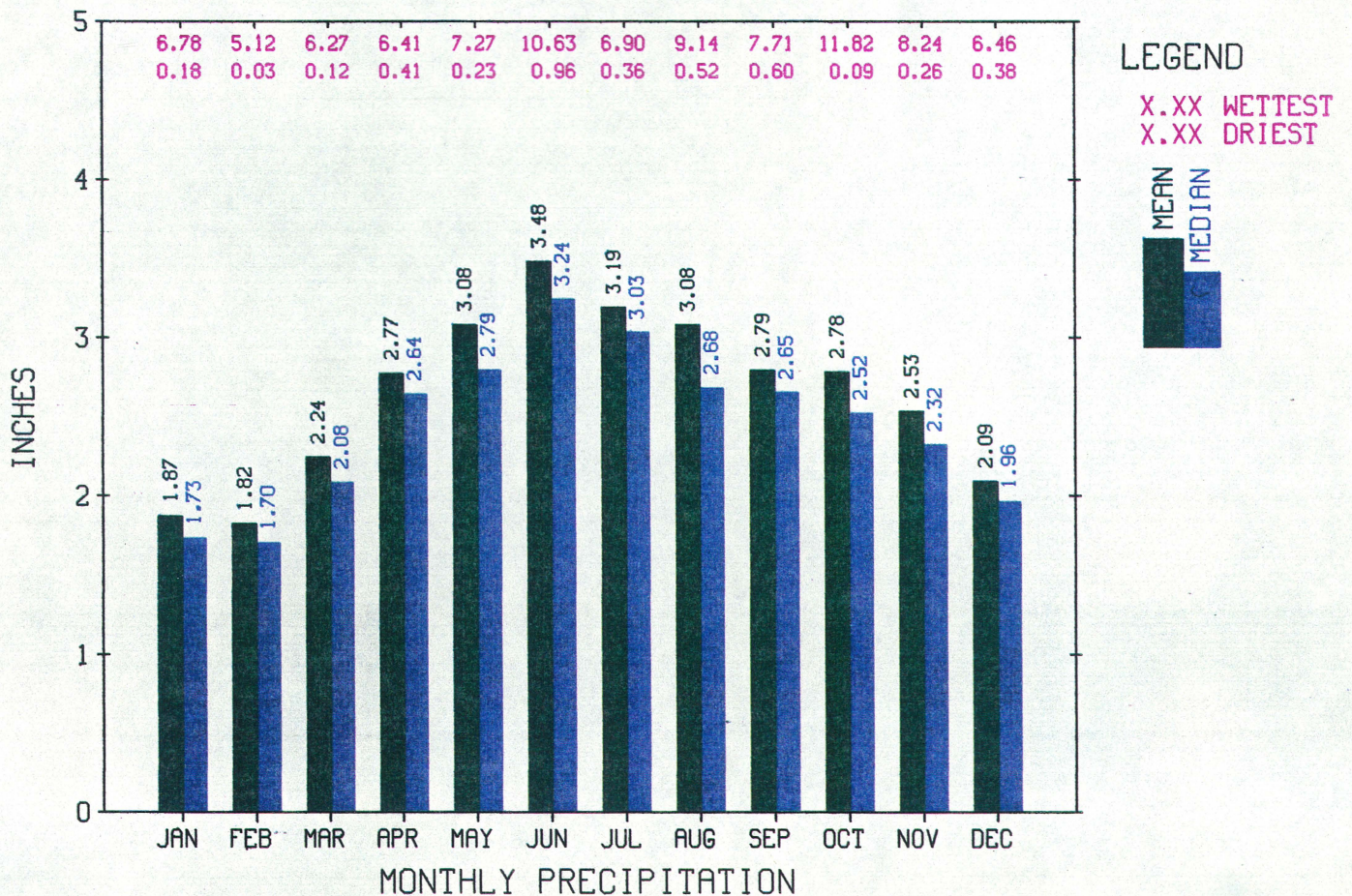
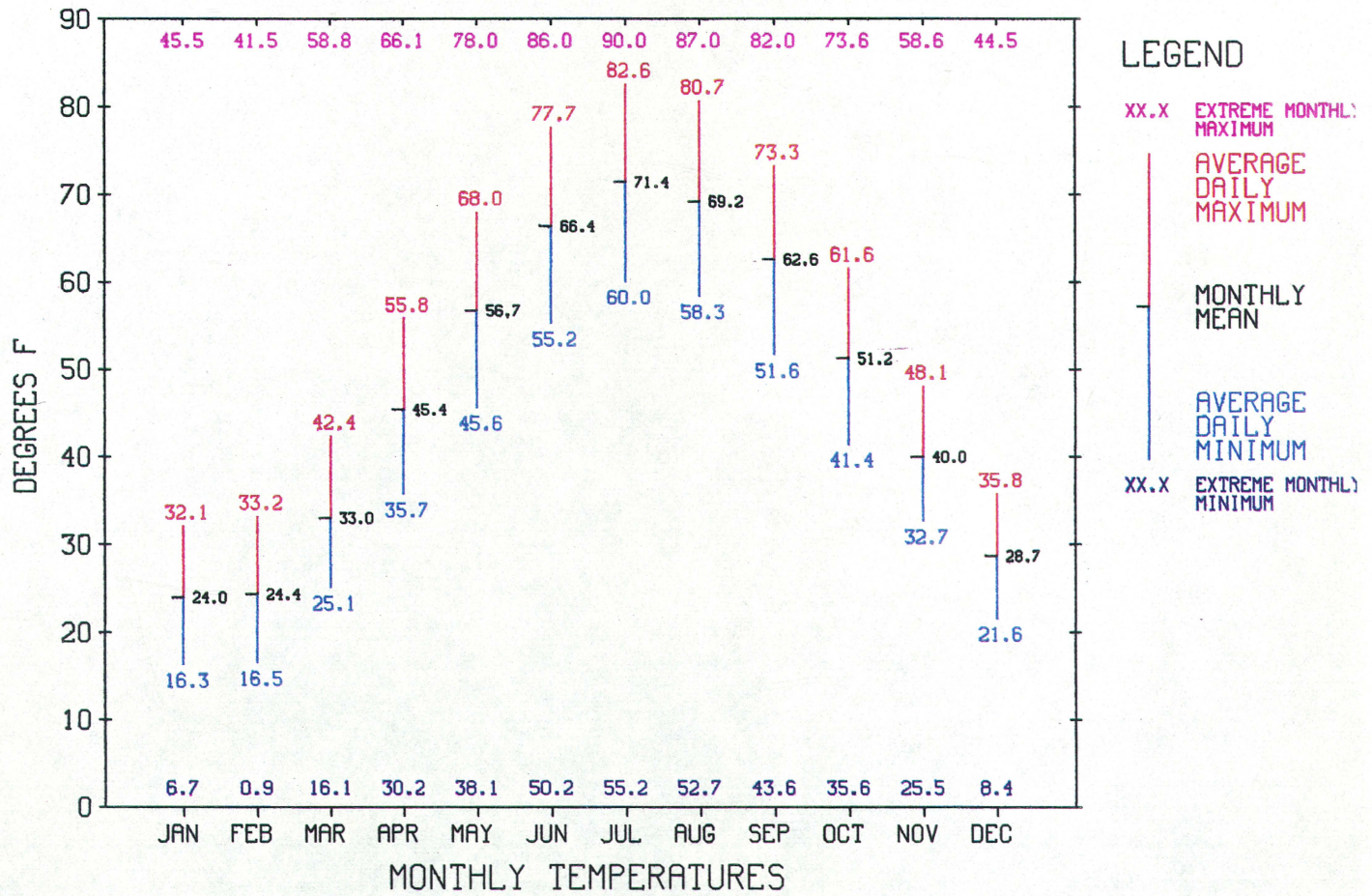
GENEVA RESR FM, NY 1850-1990

	MONTHLY TEMPERATURES (F)									MONTHLY PRECIPITATION (IN)				
	AVERAGES			EXTREMES				DEGREE DAYS		MEAN	EXTREMES			
	HIGH	MEAN	LOW	WARMEST	YEAR	COLDEST	YEAR	HEATING	COOLING		WETTEST	YEAR	DRIEST	YEAR
JAN	32.1	24.0	16.3	45.5	1933	6.7	1918	1275	0	1.87	6.78	1863	0.18	1887
FEB	33.2	24.4	16.5	41.5	1925	0.9	1934	1153	0	1.82	5.12	1940	0.03	1907
MAR	42.4	33.0	25.1	58.8	1946	16.1	1960	990	0	2.24	6.27	1936	0.12	1885
APR	55.8	45.4	35.7	66.1	1921	30.2	1975	591	0	2.77	6.41	1929	0.41	1896
MAY	68.0	56.7	45.6	78.0	1944	38.1	1923	281	25	3.08	7.27	1912	0.23	1903
JUN	77.7	66.4	55.2	86.0	1934	50.2	1958	66	101	3.48	10.63	1972	0.96	1965
JUL	82.6	71.4	60.0	90.0	1921	55.2	1965	16	205	3.19	6.90	1935	0.36	1936
AUG	80.7	69.2	58.3	87.0	1944	52.7	1930	34	155	3.08	9.14	1922	0.52	1939
SEP	73.3	62.6	51.6	82.0	1931	43.6	1963	135	58	2.79	7.71	1945	0.60	1943
OCT	61.6	51.2	41.4	73.6	1947	35.6	1925	433	6	2.78	11.82	1955	0.09	1963
NOV	48.1	40.0	32.7	58.6	1931	25.5	1933	759	0	2.53	8.24	1927	0.26	1904
DEC	35.8	28.7	21.6	44.5	1923	8.4	1989	1135	0	2.09	6.46	1850	0.38	1903
ANNUAL								6868	550	32.11	44.91	1972	19.35	1899

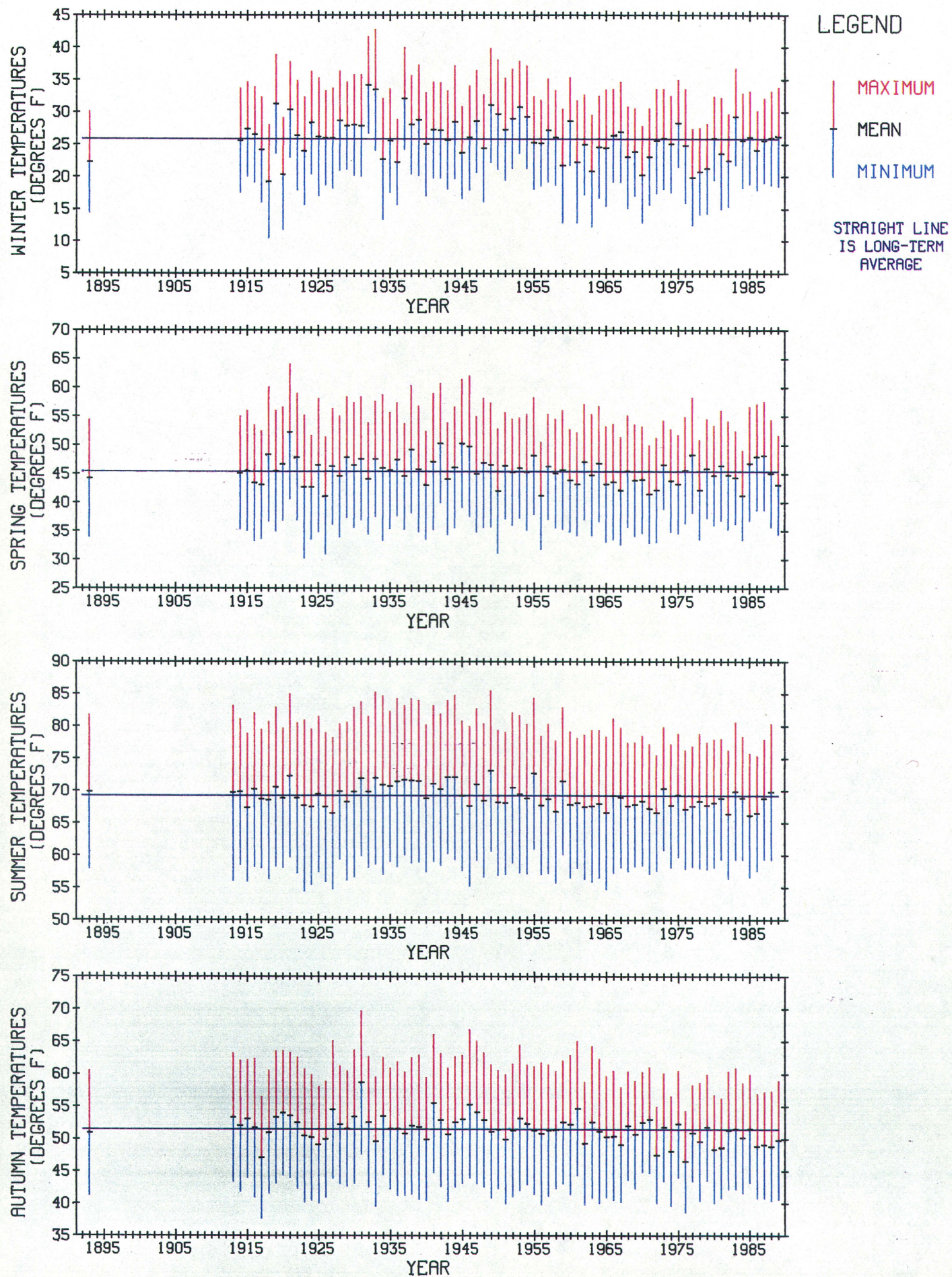
OBSERVERS

APR 1968-PRESENT N Y STATE AGRICULTURAL EXP STA
JAN 1894-APR 1968 NYS AGR EXP STATION
AUG 1889-DEC 1893 MRS N S YATES
NOV 1850-JUL 1889 SMITHSONIAN INSTITUTION

MONTHLY CLIMATE AT GENEVA RESR FM, NY



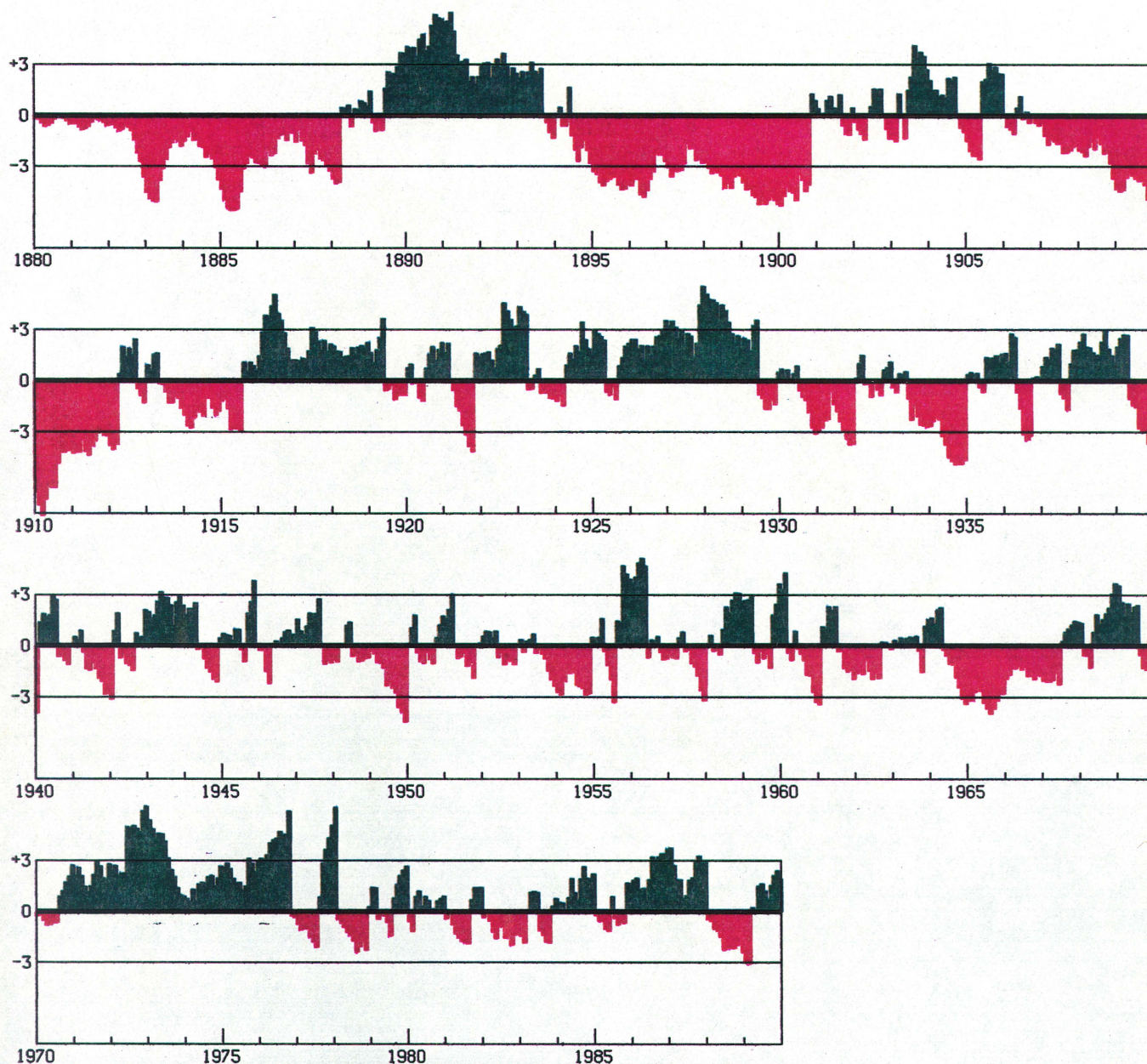
HISTORICAL TEMPERATURES AT GENEVA RESR FM, NY



GENEVA RESR FM, NY

PALMER DROUGHT SEVERITY INDEX

JANUARY 1880 - DECEMBER 1989



EXPLANATORY REMARKS

TEMPERATURE AND PRECIPITATION DATA OBSERVED AT THIS CENTENNIAL STATION ARE THE FOUNDATION FOR THE TABLES AND GRAPHS PRESENTED IN THIS SUMMARY. IN SOME CASES, HOWEVER, THE OBSERVED DATA HAVE BEEN ADJUSTED TO LESSEN THE EFFECTS OF NON-CLIMATIC FACTORS SUCH AS CHANGES IN INSTRUMENTS AND DIFFERENCES IN THE TIME OF DAY THAT AN OBSERVATION WAS MADE. SOME DATA MAY BE UNAVAILABLE, ESPECIALLY IN THE EARLY PART OF THE RECORD.

HEATING AND COOLING DEGREE DAYS ARE DERIVED FROM MONTHLY MEAN TEMPERATURES. THEY ARE THE DEPARTURES FROM 65 F ACCUMULATED OVER ALL DAYS IN A MONTH. THE HIGHER THE NUMBER OF HEATING DEGREE DAYS, THE MORE ENERGY IS NEEDED TO HEAT BUILDINGS. SIMILARLY, THE HIGHER THE NUMBER OF COOLING DEGREE DAYS, THE MORE ENERGY IS REQUIRED FOR COOLING BUILDINGS.

MAXIMUM, MEAN, AND MINIMUM TEMPERATURES REFER TO THE AVERAGE OF ALL THE DAILY MAXIMUM, MEAN, AND MINIMUM VALUES, RESPECTIVELY, OBSERVED DURING THE PERIOD OF RECORD. EXTREMES ARE THE HIGHEST AND LOWEST VALUES OF THE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES.

MEAN PRECIPITATION IS THE AVERAGE OF THE MONTHLY PRECIPITATION TOTALS RECORDED DURING THE PERIOD OF RECORD. HALF THE PRECIPITATION TOTALS ARE BELOW AND HALF ARE ABOVE THE MEDIAN VALUE. THE EXTREMES ARE THE HIGHEST AND LOWEST OF THE MONTHLY TOTALS. THIS PRECIPITATION INFORMATION IS SHOWN ON PAGES 1 AND 2.

THE PALMER DROUGHT SEVERITY INDEX INDICATES WHETHER THE CENTENNIAL STATION WAS WETTER OR DRIER THAN THE AVERAGE CLIMATE. POSITIVE INDEX VALUES SHOW PERIODS OF WETNESS. VALUES GREATER THAN 3 INDICATE SEVERE OR EXTREME WET SPELLS. NEGATIVE VALUES SHOW PERIODS OF DRYNESS. VALUES LESS THAN -3 INDICATE SEVERE TO EXTREME DROUGHT.

FOR THE TEMPERATURE GRAPHS ON PAGE 3, THE SEASONS ARE DEFINED AS FOLLOWS: WINTER (DECEMBER THROUGH FEBRUARY), SPRING (MARCH THROUGH MAY), SUMMER (JUNE THROUGH AUGUST), AND AUTUMN (SEPTEMBER THROUGH NOVEMBER).

THE NUMBER AFTER THE STATION NAME ON THE BOTTOM OF EACH PAGE REFERS TO A STATION IDENTIFIER ASSIGNED BY THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NC 28801.