



# JULY 1999

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# NEW YORK (LGA AP), NY

LA GUARDIA AIRPORT (LGA)  
 Lat: 40° 46' N Long: 73° 52' W Elev (Ground): 11 Feet  
 Time Zone: EASTERN WBAN: 14732 ISSN #: 0198-3644

JULY 1999  
NEW YORK (LGA AP), NY

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	78	70	74	-1	70	71	0	9	RA BR HZ	0		0.0	0.52	30.01	30.04	5.3	16	8.6	21	17	18	17	01												
02	89	73	81	6	70	74	0	16	RA	0		0.0	0.03	29.97	30.00	13.7	22	14.3	32	21	26	20	02												
03	90	74	82	7	72	75	0	17	RA BR HZ	0		0.0	T	30.06	30.09	3.6	18	6.9	21	19	17	19	03												
04	95	82	89	14	73	78	0	24	TS RA HZ	0		0.0	T	29.94	29.97	7.8	27	9.8	26	26	22	26	04												
05	100	86	93	18	72	78	0	28		0		0.0	0.00	29.85	29.88	10.6	30	11.1	22	33	20	32	05												
06	101*	85	93*	17	71	77	0	28		0		0.0	0.00	29.76	29.80	12.5	29	13.1	30	31	23	29	06												
07	92	78	85	9	57	67	0	20		0		0.0	0.00	29.82	29.85	11.9	32	13.0	25	32	21	34	07												
08	87	75	81	5	52	63	0	16		0		0.0	0.00	29.86	29.89	10.8	32	11.6	33	31	25	31	08												
09	85	73	79	3	58	66	0	14		0		0.0	0.00	29.87	29.90	6.8	19	9.1	24	23	20	23	09												
10	87	68	78	2	61	68	0	13	RA	0		0.0	T	29.77	29.80	13.0	30	15.0	31	26	24	33	10												
11	82	64	73	-3	49	60	0	8		0		0.0	0.00	30.08	30.11	8.1	34	9.7	21	34	18	34	11												
12	78	66	72	-4	53	61	0	7	RA	0		0.0	T	30.23	30.26	6.4	08	8.1	24	05	17	05	12												
13	78	64*	71*	-5	55	61	0	6	RA	0		0.0	0.01	30.16	30.19	7.0	08	10.5	36*	05	22	05	13												
14	77	66	72	-4	59	64	0	7		0		0.0	0.00	30.18	30.21	2.4	18	5.7	16	19	13	20	14												
15	89	67	78	1	58	65	0	13		0		0.0	0.00	30.09	30.13	3.5	22	6.9	22	20	20	18	15												
16	96	76	86	9	64	72	0	21	HZ	0		0.0	0.00	30.06	30.09	7.9	22	9.9	24	24	20	23	16												
17	97	79	88	11	66	73	0	23	HZ	0		0.0	0.00	30.05	30.08	7.1	21	8.9	25	19	23	18	17												
18	98	79	89	12	68	74	0	24	TS BR HZ	0		0.0	0.00	30.01	30.04	4.2	22	8.4	24	18	20	20	18												
19	97	75	86	9	70	74	0	21	TS RA BR HZ	0		0.0	T	29.90	29.93	2.4	09	7.4	34	36	26*	25	19												
20	85	73	79	2	60	67	0	14	RA	0		0.0	T	30.00	30.03	3.4	11	9.1	18	02	15	06	20												
21	82	70	76	-1	64	68	0	11	RA	0		0.0	T	30.09	30.12	4.6	16	10.7	21	22	17	19	21												
22	81	74	78	1	69	71	0	13	RA	0		0.0	T	29.95	29.99	7.5	19	9.1	21	23	16	22	22												
23	91	73	82	5	70	73	0	17	BR HZ	0		0.0	0.00	29.85	29.88	6.1	17	7.5	22	17	18	18	23												
24	98	75	87	10	69	75	0	22	BR HZ	0		0.0	0.00	29.73	29.76	6.3	23	8.2	24	25	18	20	24												
25	97	79	88	11	61	70	0	23		0		0.0	0.00	29.67	29.70	5.9	32	7.2	22	33	18	33	25												
26	91	76	84	7	63	70	0	19	RA	0		0.0	T	29.69	29.72	5.1	36	7.6	17	05	15	02	26												
27	96	76	86	9	65	72	0	21	HZ	0		0.0	0.00	29.76	29.79	4.2	33	6.9	17	30	15	31	27												
28	97	77	87	10	59	69	0	22	TS TSRA	0		0.0	T	29.76	29.79	5.8	32	8.1	25	28	20	28	28												
29	90	76	83	6	66	71	0	18		0		0.0	0.00	29.65	29.68	4.5	11	7.8	23	07	16	17	29												
30	90	74	82	5	71	74	0	17	BR HZ	0		0.0	0.00	29.65	29.68	4.2	14	8.5	23	06	15	19	30												
31	87	75	81	4	73	76	0	16	BR HZ	0		0.0	0.00	29.75	29.78	9.2	18	10.2	22	17	18	17	31												
< MONTHLY AVERAGES										TOTALS-->		0.0	0.56	29.91	29.94	0.4	21	9.3	<-- MONTHLY AVERAGES																
5.8										5.2		5.5		<----- DEPARTURE FROM NORMAL ----->										-3.51		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.52 DATE: 01										SEA LEVEL PRESSURE DATE TIME															
MONTHLY										GREATEST 24-HR SNOWFALL: 0.0 DATE: :										MAXIMUM : 30.29 12 0751															
TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE: :										MINIMUM : 29.62 29 1751															
SEASON TO DATE										NUMBER OF DAYS WITH =>										MAXIMUM TEMP ≥ 90: 17															
TOTAL DEPARTURE																				MAXIMUM TEMP ≤ 32 : 0															
HEATING: 0 0 0 0																				MINIMUM TEMP ≤ 0 : 0															
COOLING: 528 175 855 267																				PRECIPITATION ≥ 0.01 INCH : 3															
																				PRECIPITATION ≥ 0.10 INCH : 1															
																				SNOWFALL ≥ 1.0 INCH : 0															

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# NEW YORK (LGA AP), NY

JULY 1999

LGA WBAN # 14732

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													0.04	0.01	01	0.02	0.01	0.19	0.04	0.21	T	T						01		0.52
02															02	T				0.03								02		0.03
03															03													03		T
04															04													04		T
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															10													10		T
11															11													11		0.00
12															12													12		T
13															13													13		T
14															14													14		0.01
15															15													15		0.00
16															16													16		0.00
17															17													17		0.00
18															18													18		0.00
19															19													19		T
20															20													20		T
21															21													21		T
22															22													22		T
23															23													23		0.00
24															24													24		0.00
25															25													25		0.00
26															26													26		T
27															27													27		0.00
28															28													28		T
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)												
Ending Date												
Ending Time (Hour/Min)												

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

# NEW YORK (LGA AP), NY

JULY 1999 LGA WBAN # 14732

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB
SUNRISE: 0428 JUL 01 SUNSET: 1931					SUNRISE: 0431 JUL 07 SUNSET: 1930																				
01	OVC	014	10.00		72	66	68	82	6	10	30.00	30.03	01	SCT	NC	10.00		84	66	72	55	14	32	29.75	29.78
04	OVC	009	7.00		71	67	68	87	5	07	30.00	30.03	04	SCT	NC	10.00		80	66	71	62	21	33	29.80	29.83
07	OVC	004	1.50	BR	70	70	70	100	9	05	30.04	30.07	07	BKN	250	10.00		78	55	64	45	13	33	29.86	29.89
10	OVC	007	2.00	BR	75	71	72	88	8	15	30.04	30.06	10	SCT	NC	10.00		82	56	66	41	18	32	29.87	29.90
13	OVC	007	3.00	-RA BR	74	73	73	97	14	17	30.02	30.05	13	SCT	NC	10.00		88	53	67	30	13	30	29.82	29.85
16	OVC	025	1.00	-RA BR	74	71	72	91	10	19	29.99	30.02	16	SCT	NC	10.00		92	48	66	22	14	26	29.80	29.83
19	OVC	025	8.00		76	72	73	88	9	19	29.99	30.02	19	SCT	NC	10.00		86	53	66	32	12	36	29.79	29.82
22	BKN	250	10.00		74	69	71	85	10	20	29.99	30.01	22	FEW	NC	10.00		80	59	67	49	6	32	29.84	29.87
SUNRISE: 0428 JUL 02 SUNSET: 1931					SUNRISE: 0432 JUL 08 SUNSET: 1929																				
01	BKN	140	10.00		75	69	71	82	10	21	29.98	30.01	01	CLR	NC	10.00		80	54	64	41	5	30	29.83	29.86
04	OVC	030	10.00		74	69	71	85	13	19	29.96	29.98	04	FEW	NC	10.00		76	54	63	47	9	30	29.82	29.85
07	BKN	024	10.00		77	69	72	77	16	21	29.98	30.01	07	CLR	NC	10.00		77	53	63	44	7	29	29.85	29.88
10	BKN	250	10.00		83	70	74	65	21	23	29.97	30.00	10	SCT	NC	10.00		81	52	64	37	17	31	29.86	29.89
13	BKN	250	7.00		88	71	76	57	15	23	29.95	29.97	13	BKN	090	10.00		86	48	64	27	16	31	29.84	29.87
16	OVC	045	7.00		87	70	75	57	16	23	29.95	29.98	16	BKN	250	10.00		83	48	63	30	18	36	29.85	29.88
19	BKN	110	7.00		84	72	76	67	14	23	29.98	30.01	19	OVC	250	10.00		79	49	62	35	15	36	29.89	29.92
22	SCT	NC	10.00		80	70	73	71	10	24	30.03	30.06	22	BKN	250	10.00		76	52	62	43	8	33	29.93	29.96
SUNRISE: 0429 JUL 03 SUNSET: 1931					SUNRISE: 0433 JUL 09 SUNSET: 1929																				
01	FEW	NC	8.00		78	72	74	82	3	26	30.03	30.05	01	BKN	140	10.00		75	53	62	46	5	32	29.94	29.97
04	CLR	NC	7.00		77	71	73	82	6	23	30.04	30.07	04	BKN	140	10.00		73	54	62	51	6	32	29.96	29.98
07	BKN	018	5.00	HZ	77	72	74	85	0	00	30.07	30.10	07	BKN	130	10.00		75	50	61	42	0	00	29.97	29.99
10	SCT	NC	7.00		82	71	75	69	8	06	30.10	30.13	10	BKN	130	10.00		80	51	63	37	5	VR	29.97	30.00
13	OVC	055	7.00		81	70	74	69	9	04	30.09	30.12	13	BKN	140	10.00		82	48	62	31	17	19	29.90	29.93
16	BKN	250	6.00	HZ	89	71	77	55	12	17	30.07	30.10	16	BKN	250	10.00		80	63	69	56	15	16	29.83	29.86
19	BKN	250	6.00	HZ	83	72	75	70	12	19	30.04	30.07	19	BKN	250	8.00		79	70	73	74	12	19	29.76	29.79
22	SCT	NC	10.00		83	73	76	72	9	20	30.06	30.09	22	BKN	140	7.00		80	78	79	94	10	19	29.72	29.75
SUNRISE: 0429 JUL 04 SUNSET: 1930					SUNRISE: 0433 JUL 10 SUNSET: 1929																				
01	BKN	250	6.00	HZ	83	73	76	72	10	23	30.03	30.06	01	OVC	090	10.00		83	70	74	65	12	29	29.71	29.74
04	BKN	140	7.00		82	73	76	74	8	24	30.00	30.03	04	OVC	140	10.00		80	66	71	62	18	26	29.68	29.71
07	BKN	250	6.00	HZ	83	73	76	72	9	26	29.98	30.01	07	OVC	140	10.00		77	67	70	71	14	27	29.73	29.75
10	OVC	100	7.00		89	73	78	59	9	28	29.99	30.02	10	BKN	140	10.00		79	65	70	62	12	27	29.74	29.77
13	BKN	150	6.00	HZ	84	74	77	72	9	32	29.94	29.97	13	OVC	140	10.00		83	63	70	51	14	27	29.74	29.77
16	SCT	NC	6.00	HZ	93	74	79	54	12	33	29.89	29.92	16	BKN	150	10.00		86	62	70	45	17	27	29.72	29.75
19	SCT	NC	8.00		93	73	79	52	7	31	29.88	29.91	19	OVC	060	10.00		78	54	64	43	22	32	29.81	29.84
22	SCT	NC	9.00		92	73	78	54	12	27	29.90	29.93	22	SCT	NC	10.00		71	52	60	51	17	34	29.92	29.95
SUNRISE: 0430 JUL 05 SUNSET: 1930					SUNRISE: 0434 JUL 11 SUNSET: 1928																				
01	CLR	NC	9.00		89	73	78	59	9	28	29.89	29.92	01	SCT	NC	10.00		66	51	58	59	16	35	29.97	30.00
04	FEW	NC	9.00		86	72	76	63	12	28	29.89	29.92	04	SCT	NC	10.00		65	52	58	63	10	33	30.00	30.03
07	BKN	250	8.00		87	73	77	63	12	27	29.90	29.93	07	FEW	NC	10.00		66	29	49	25	13	32	30.07	30.09
10	BKN	250	10.00		90	73	78	58	14	31	29.88	29.91	10	SCT	NC	10.00		71	51	60	49	7	33	30.10	30.13
13	OVC	250	10.00		97	72	79	45	14	31	29.84	29.86	13	SCT	NC	10.00		78	53	63	42	8	31	30.09	30.12
16	SCT	NC	10.00		98	72	79	43	13	32	29.81	29.84	16	SCT	NC	10.00		82	49	63	32	5	34	30.08	30.11
19	SCT	NC	10.00		95	70	77	44	12	31	29.81	29.83	19	FEW	NC	10.00		80	50	63	36	12	01	30.11	30.14
22	CLR	NC	10.00		92	72	78	52	10	30	29.83	29.86	22	FEW	NC	10.00		73	52	61	47	8	06	30.18	30.21
SUNRISE: 0431 JUL 06 SUNSET: 1930					SUNRISE: 0435 JUL 12 SUNSET: 1928																				
01	CLR	NC	10.00		89	71	77	55	9	30	29.83	29.86	01	CLR	NC	10.00		70	55	61	60	5	05	30.20	30.23
04	FEW	NC	10.00		87	70	75	57	7	27	29.83	29.85	04	CLR	NC	10.00		67	53	59	60	3	05	30.22	30.24
07	FEW	NC	8.00		88	71	76	57	10	27	29.85	29.88	07	SCT	NC	10.00		69	51	59	53	6	07	30.26	30.28
10	FEW	NC	8.00		93	73	79	52	13	29	29.81	29.84	10	BKN	250	10.00		74	55	63	52	12	05	30.24	30.27
13	FEW	NC	10.00		100	68	78	35	18	27	29.73	29.76	13	BKN	140	10.00		76	50	61	40	12	05	30.24	30.27
16	SCT	NC	10.00		101	72	80	39	17	26	29.68	29.71	16	OVC	140	10.00		76	48	60	37	12	12	30.24	30.27
19	FEW	NC	10.00		97	72	79	44	17	27	29.68	29.71	19	OVC	140	10.00		73	57	63	57	7	12	30.21	30.24
22	FEW	NC	10.00		94	68	76	43	17	27	29.74	29.77	22	OVC	070	10.00	-RA	70	56	62	61	9	11	30.22	30.24

# OBSERVATIONS AT 3-HOURLY INTERVALS

# NEW YORK (LGA AP), NY

JULY 1999

LGA

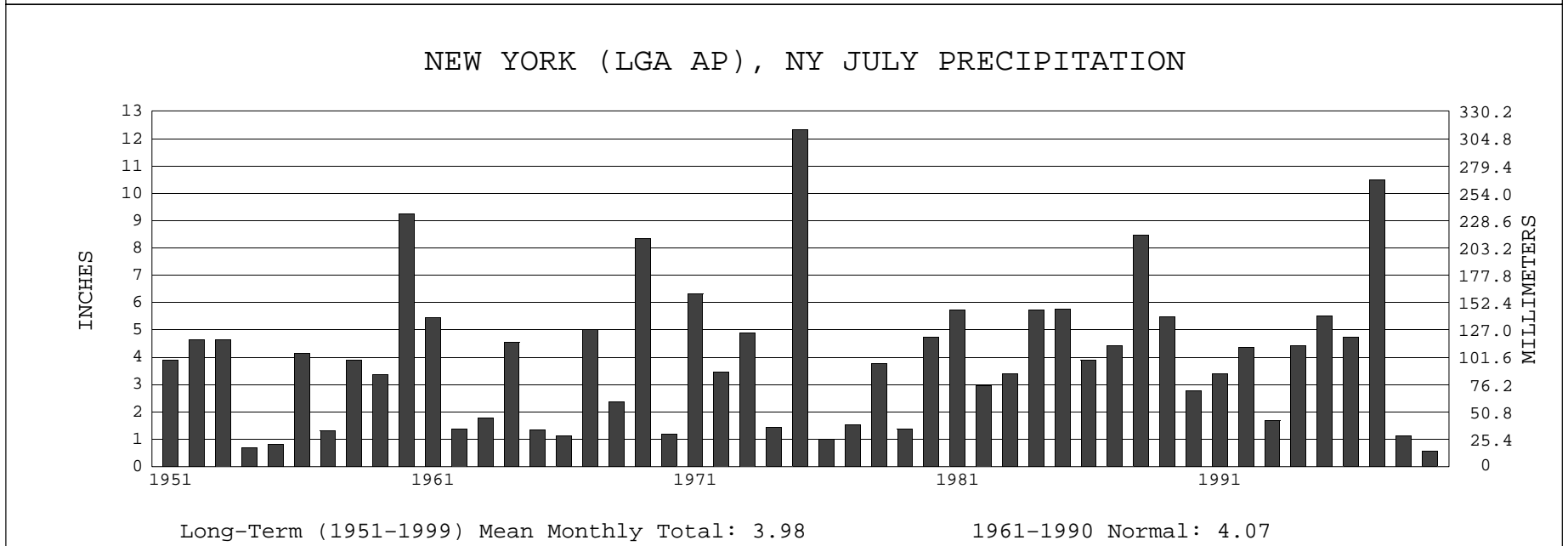
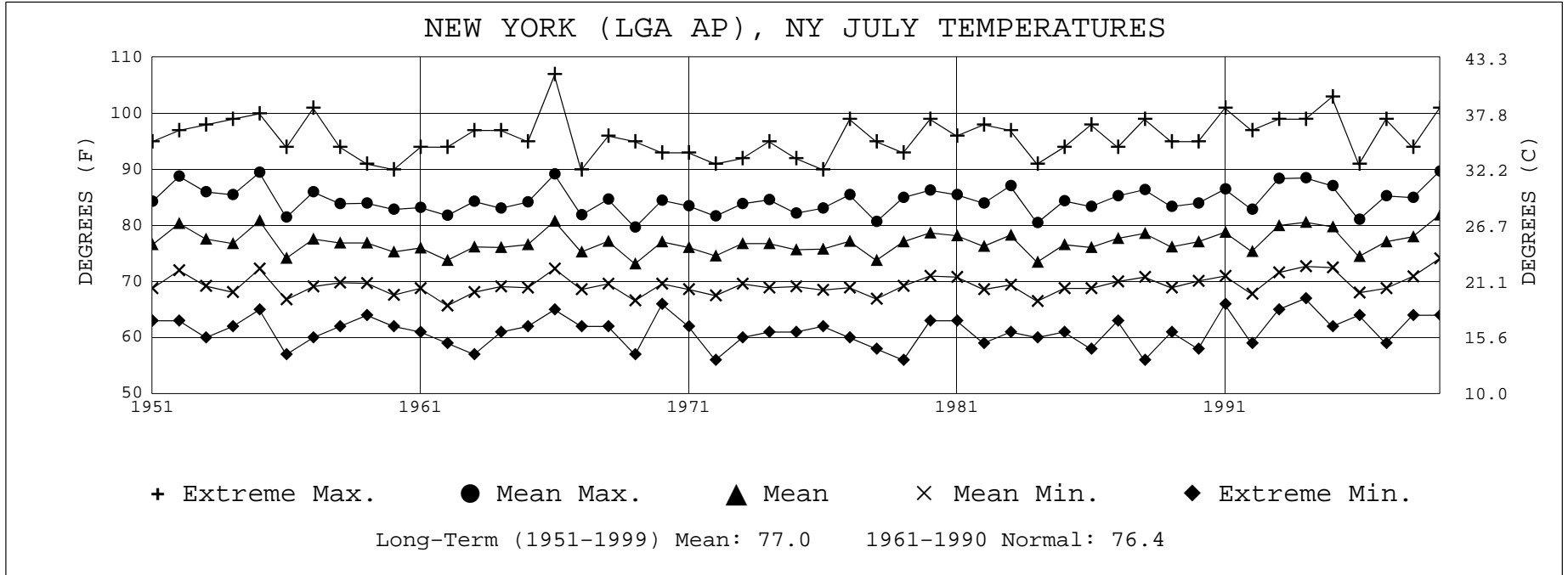
WBAN # 14732

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: 0435				JUL 13				SUNSET: 1927				SUNRISE: 0440				JUL 19				SUNSET: 1924					
01	OVC	100		67	58	62	73	7	05	30.22	30.24	01	BKN	200		6.00	HZ	78	71	73	79	0	00	29.96	29.99
04	BKN	075		65	56	60	73	9	08	30.18	30.21	04	SCT	NC		4.00	BR	76	71	73	85	5	05	29.94	29.97
07	BKN	250		66	52	58	61	15	07	30.18	30.21	07	CLR	NC		2.50	HZ	81	72	75	74	7	05	29.96	29.98
10	BKN	250		71	54	61	55	17	05	30.16	30.19	10	CLR	NC		5.00	HZ	91	69	76	49	6	VR	29.91	29.94
13	BKN	250		73	50	60	44	9	09	30.14	30.17	13	BKN	140		5.00	HZ	94	70	77	46	18	18	29.84	29.87
16	SCT	NC		76	52	62	43	10	05	30.12	30.15	16	OVC	140		4.00	HZ	83	72	75	70	10	07	29.84	29.86
19	SCT	NC		70	59	63	68	10	18	30.15	30.17	19	BKN	250		7.00		77	70	72	79	7	06	29.85	29.88
22	SCT	NC		68	58	62	70	9	20	30.17	30.20	22	OVC	035		7.00		78	72	74	82	10	06	29.91	29.94
SUNRISE: 0436				JUL 14				SUNSET: 1927				SUNRISE: 0441				JUL 20				SUNSET: 1923					
01	SCT	NC		67	59	62	76	6	21	30.18	30.21	01	BKN	100		10.00		76	67	70	74	7	04	29.91	29.94
04	BKN	250		67	60	63	79	0	00	30.18	30.21	04	BKN	120		10.00		74	60	65	62	10	05	29.93	29.96
07	BKN	250		69	60	64	73	5	01	30.21	30.24	07	BKN	250		10.00		74	61	66	64	9	06	29.99	30.02
10	BKN	130		75	60	66	60	7	04	30.22	30.24	10	BKN	250		10.00		78	59	66	52	13	05	30.03	30.06
13	OVC	130		74	60	65	62	10	17	30.21	30.24	13	BKN	250		10.00		84	58	68	41	8	07	30.01	30.04
16	BKN	140		75	59	65	58	6	VR	30.17	30.20	16	OVC	250		10.00		84	60	69	44	12	16	29.99	30.02
19	BKN	150		72	56	63	57	9	18	30.15	30.18	19	BKN	065		10.00		77	59	66	54	12	21	30.02	30.04
22	FEW	NC		70	56	62	61	5	21	30.16	30.19	22	SCT	NC		10.00		77	60	67	56	7	18	30.06	30.09
SUNRISE: 0437				JUL 15				SUNSET: 1926				SUNRISE: 0442				JUL 21				SUNSET: 1922					
01	BKN	140		69	57	62	66	0	00	30.14	30.17	01	BKN	065		10.00		76	60	66	58	6	19	30.08	30.11
04	SCT	NC		67	59	62	76	3	33	30.13	30.16	04	BKN	065		10.00		75	65	69	71	0	00	30.09	30.12
07	SCT	NC		70	56	62	61	7	33	30.15	30.18	07	BKN	070		10.00		72	61	65	69	14	05	30.14	30.16
10	FEW	NC		78	56	65	47	5	33	30.13	30.16	10	OVC	130		10.00		74	62	67	67	12	05	30.14	30.17
13	CLR	NC		85	54	66	35	5	VR	30.08	30.11	13	OVC	130		10.00		81	60	68	49	13	20	30.11	30.14
16	FEW	NC		88	57	69	35	16	20	30.04	30.07	16	BKN	140		10.00		78	63	68	60	17	17	30.08	30.11
19	CLR	NC		81	60	68	49	10	14	30.05	30.08	19	OVC	100		10.00		75	68	70	79	14	17	30.06	30.09
22	CLR	NC		79	62	68	56	9	21	30.07	30.10	22	BKN	140		10.00		75	67	70	76	12	20	30.05	30.08
SUNRISE: 0438				JUL 16				SUNSET: 1926				SUNRISE: 0443				JUL 22				SUNSET: 1922					
01	CLR	NC		79	60	67	52	9	25	30.07	30.10	01	OVC	050		10.00		75	64	68	69	14	23	30.05	30.08
04	CLR	NC		77	62	68	60	9	27	30.07	30.10	04	OVC	050		10.00		74	66	69	76	6	21	30.02	30.05
07	BKN	250		78	63	68	60	6	26	30.10	30.12	07	OVC	060		10.00		76	67	70	74	12	21	30.00	30.03
10	SCT	NC		88	65	73	46	0	00	30.10	30.13	10	OVC	090		10.00		78	64	69	62	12	19	29.99	30.01
13	SCT	NC		95	63	74	35	12	23	30.06	30.09	13	OVC	016		10.00		80	72	75	76	12	18	29.95	29.98
16	SCT	NC		93	68	76	44	14	17	30.03	30.06	16	OVC	031		10.00		78	71	73	79	13	18	29.90	29.93
19	BKN	250		92	67	75	44	12	21	30.03	30.06	19	OVC	032		8.00		77	72	74	85	8	15	29.88	29.91
22	SCT	NC		86	67	73	53	13	23	30.06	30.09	22	OVC	014		8.00		76	71	73	85	8	15	29.91	29.93
SUNRISE: 0438				JUL 17				SUNSET: 1925				SUNRISE: 0443				JUL 23				SUNSET: 1921					
01	CLR	NC		83	63	70	51	8	23	30.07	30.10	01	OVC	011		10.00		73	69	70	87	8	14	29.91	29.94
04	FEW	NC		80	63	69	56	7	24	30.08	30.11	04	OVC	012		10.00		73	69	70	87	3	22	29.87	29.90
07	SCT	NC		81	64	70	57	8	23	30.10	30.13	07	FEW	NC		6.00	HZ	76	70	72	82	0	00	29.89	29.92
10	SCT	NC		89	66	74	47	6	VR	30.09	30.12	10	FEW	NC		7.00		84	70	74	63	12	19	29.90	29.93
13	SCT	NC		96	66	76	37	9	20	30.04	30.07	13	FEW	NC		6.00	HZ	88	70	76	55	14	17	29.85	29.88
16	CLR	NC		91	70	76	50	15	17	30.01	30.03	16	SCT	NC		6.00	HZ	87	67	74	51	13	17	29.81	29.84
19	SCT	NC		91	69	76	49	8	20	30.01	30.04	19	BKN	250		7.00		82	69	73	65	13	19	29.79	29.82
22	SCT	NC		89	67	74	48	9	23	30.05	30.08	22	BKN	250		7.00		81	73	75	77	5	22	29.80	29.83
SUNRISE: 0439				JUL 18				SUNSET: 1924				SUNRISE: 0444				JUL 24				SUNSET: 1920					
01	SCT	NC		85	65	72	51	8	24	30.04	30.07	01	BKN	250		6.00	HZ	81	72	75	74	0	00	29.79	29.82
04	BKN	250		83	65	71	55	10	28	30.04	30.06	04	BKN	250		4.00	BR	75	73	74	94	6	07	29.79	29.82
07	FEW	NC		82	67	72	60	6	32	30.07	30.10	07	SCT	NC		6.00	HZ	82	68	73	63	0	00	29.79	29.81
10	BKN	250		89	66	74	47	3	34	30.05	30.08	10	BKN	250		7.00		91	68	75	47	9	24	29.76	29.79
13	SCT	NC		96	65	75	36	9	30	30.00	30.03	13	BKN	130		5.00	HZ	91	72	78	54	15	21	29.73	29.76
16	BKN	250		92	70	77	49	15	18	29.96	29.99	16	BKN	250		7.00		95	60	72	31	15	28	29.68	29.70
19	SCT	NC		85	71	75	63	9	16	29.96	29.98	19	SCT	NC		8.00		91	62	72	38	9	23	29.67	29.70
22	SCT	NC		86	70	75	59	7	19	29.99	30.02	22	SCT	NC		7.00		88	73	78	62	12	22	29.70	29.73

# OBSERVATIONS AT 3-HOURLY INTERVALS

**NEW YORK (LGA AP), NY**  
 JULY 1999 LGA WBAN # 14732

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 Okltas			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 Okltas			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																			
<b>SUNRISE: 0445 JUL 25 SUNSET: 1919</b>								<b>SUNRISE: 0451 JUL 31 SUNSET: 1913</b>																																																																																																																																																																																																																																																																																																																																																																										
01	SCT	NC			10.00			86	66	73	51	8	30	29.67	29.70	01	CLR	NC				9.00			78	73	75	85	7	19	29.72	29.75																																																																																																																																																																																																																																																																																																																																																		
04	BKN	250			10.00			80	68	72	67	6	31	29.67	29.70	04	FEW	NC				7.00			77	73	74	88	6	19	29.72	29.75																																																																																																																																																																																																																																																																																																																																																		
07	SCT	NC			10.00			83	67	72	59	0	00	29.70	29.72	07	BKN	030				6.00	HZ		79	73	75	82	6	16	29.77	29.80																																																																																																																																																																																																																																																																																																																																																		
10	SCT	NC			10.00			87	67	73	51	8	33	29.71	29.74	10	BKN	029				6.00	HZ		83	72	75	70	5	VR	29.79	29.82																																																																																																																																																																																																																																																																																																																																																		
13	BKN	075			10.00			90	60	71	37	8	30	29.67	29.70	13	SCT	NC				8.00			86	72	76	63	14	20	29.77	29.80																																																																																																																																																																																																																																																																																																																																																		
16	SCT	NC			10.00			96	52	69	23	14	28	29.62	29.65	16	BKN	250				9.00			85	71	75	63	16	18	29.73	29.76																																																																																																																																																																																																																																																																																																																																																		
19	BKN	110			10.00			89	56	68	33	15	35	29.65	29.67	19	OVC	250				7.00			81	74	76	79	17	19	29.74	29.76																																																																																																																																																																																																																																																																																																																																																		
22	BKN	130			10.00			85	50	64	30	7	01	29.68	29.71	22	SCT	NC				8.00			80	76	77	87	10	19	29.74	29.77																																																																																																																																																																																																																																																																																																																																																		
<b>SUNRISE: 0446 JUL 26 SUNSET: 1918</b>								<b>3-HOURLY OBSERVATION NOTES</b>																																																																																																																																																																																																																																																																																																																																																																										
01	BKN	095			10.00			82	61	69	49	7	33	29.68	29.71	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. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.																																																																																																																																																																																																																																																																																																																																																																		
04	BKN	140			10.00			78	59	66	52	7	33	29.67	29.70																																																																																																																																																																																																																																																																																																																																																																			
07	SCT	NC			10.00			78	63	68	60	9	35	29.70	29.73																																																																																																																																																																																																																																																																																																																																																																			
10	FEW	NC			10.00			83	63	70	51	8	34	29.69	29.72																																																																																																																																																																																																																																																																																																																																																																			
13	SCT	NC			10.00			88	59	69	38	6	VR	29.68	29.71																																																																																																																																																																																																																																																																																																																																																																			
16	BKN	070			10.00			91	61	71	36	7	36	29.67	29.70																																																																																																																																																																																																																																																																																																																																																																			
19	BKN	085			10.00			86	65	72	50	7	17	29.68	29.71																																																																																																																																																																																																																																																																																																																																																																			
22	SCT	NC			10.00			79	63	69	58	13	06	29.75	29.78																																																																																																																																																																																																																																																																																																																																																																			
<b>SUNRISE: 0447 JUL 27 SUNSET: 1917</b>								<b>SUMMARY BY HOUR</b>																																																																																																																																																																																																																																																																																																																																																																										
01	CLR	NC			6.00	HZ		77	71	73	82	0	00	29.75	29.78	<table border="1"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="10">AVERAGES</th> <th colspan="2">RESULTANT WIND (MPH)</th> </tr> <tr> <th rowspan="2">CEILOMETER</th> <th rowspan="2">EFF CLD AMT</th> <th rowspan="2">DRY BULB</th> <th rowspan="2">DEW POINT</th> <th rowspan="2">WET BULB</th> <th rowspan="2">RELATIVE HUMIDITY</th> <th colspan="2">PRESSURE (INCHES, HG)</th> <th rowspan="2">VISIBILITY (MILES)</th> <th rowspan="2">WIND SPEED (MPH)</th> <th rowspan="2">SPEED</th> <th rowspan="2">DIRECTION</th> </tr> <tr> <th>STATION</th> <th>SEA LEVEL</th> </tr> </thead> <tbody> <tr><td>01</td><td></td><td></td><td>78</td><td>65</td><td>70</td><td>66</td><td>29.92</td><td>29.95</td><td>9.19</td><td>7</td><td>3</td><td>28</td></tr> <tr><td>02</td><td></td><td></td><td>77</td><td>65</td><td>69</td><td>68</td><td>29.92</td><td>29.95</td><td>9.10</td><td>7</td><td>3</td><td>27</td></tr> <tr><td>03</td><td></td><td></td><td>76</td><td>65</td><td>69</td><td>69</td><td>29.91</td><td>29.94</td><td>9.06</td><td>7</td><td>2</td><td>31</td></tr> <tr><td>04</td><td></td><td></td><td>76</td><td>64</td><td>69</td><td>69</td><td>29.92</td><td>29.95</td><td>9.00</td><td>7</td><td>3</td><td>30</td></tr> <tr><td>05</td><td></td><td></td><td>75</td><td>64</td><td>68</td><td>70</td><td>29.93</td><td>29.96</td><td>8.40</td><td>7</td><td>3</td><td>32</td></tr> <tr><td>06</td><td></td><td></td><td>76</td><td>63</td><td>68</td><td>68</td><td>29.94</td><td>29.97</td><td>8.33</td><td>7</td><td>3</td><td>31</td></tr> <tr><td>07</td><td></td><td></td><td>77</td><td>63</td><td>68</td><td>64</td><td>29.94</td><td>29.97</td><td>8.39</td><td>8</td><td>2</td><td>32</td></tr> <tr><td>08</td><td></td><td></td><td>78</td><td>63</td><td>69</td><td>61</td><td>29.95</td><td>29.98</td><td>8.52</td><td>8</td><td>2</td><td>33</td></tr> <tr><td>09</td><td></td><td></td><td>80</td><td>64</td><td>70</td><td>58</td><td>29.94</td><td>29.97</td><td>8.56</td><td>8</td><td>4</td><td>33</td></tr> <tr><td>10</td><td></td><td></td><td>82</td><td>64</td><td>70</td><td>54</td><td>29.94</td><td>29.97</td><td>8.74</td><td>9</td><td>3</td><td>32</td></tr> <tr><td>11</td><td></td><td></td><td>84</td><td>63</td><td>71</td><td>51</td><td>29.93</td><td>29.96</td><td>8.81</td><td>10</td><td>3</td><td>31</td></tr> <tr><td>12</td><td></td><td></td><td>86</td><td>63</td><td>71</td><td>48</td><td>29.93</td><td>29.96</td><td>8.80</td><td>9</td><td>3</td><td>27</td></tr> <tr><td>13</td><td></td><td></td><td>86</td><td>63</td><td>71</td><td>47</td><td>29.91</td><td>29.94</td><td>8.52</td><td>11</td><td>5</td><td>23</td></tr> <tr><td>14</td><td></td><td></td><td>87</td><td>63</td><td>71</td><td>46</td><td>29.90</td><td>29.93</td><td>8.45</td><td>11</td><td>5</td><td>22</td></tr> <tr><td>15</td><td></td><td></td><td>87</td><td>63</td><td>72</td><td>46</td><td>29.89</td><td>29.91</td><td>8.58</td><td>11</td><td>5</td><td>22</td></tr> <tr><td>16</td><td></td><td></td><td>87</td><td>63</td><td>71</td><td>47</td><td>29.88</td><td>29.91</td><td>8.42</td><td>12</td><td>5</td><td>21</td></tr> <tr><td>17</td><td></td><td></td><td>86</td><td>63</td><td>71</td><td>49</td><td>29.87</td><td>29.90</td><td>8.55</td><td>12</td><td>4</td><td>21</td></tr> <tr><td>18</td><td></td><td></td><td>85</td><td>65</td><td>72</td><td>54</td><td>29.87</td><td>29.90</td><td>8.81</td><td>12</td><td>5</td><td>20</td></tr> <tr><td>19</td><td></td><td></td><td>83</td><td>65</td><td>71</td><td>57</td><td>29.88</td><td>29.91</td><td>8.68</td><td>11</td><td>4</td><td>21</td></tr> <tr><td>20</td><td></td><td></td><td>82</td><td>65</td><td>71</td><td>60</td><td>29.89</td><td>29.92</td><td>9.00</td><td>10</td><td>4</td><td>20</td></tr> <tr><td>21</td><td></td><td></td><td>81</td><td>65</td><td>71</td><td>60</td><td>29.91</td><td>29.94</td><td>9.32</td><td>9</td><td>3</td><td>21</td></tr> <tr><td>22</td><td></td><td></td><td>80</td><td>66</td><td>71</td><td>63</td><td>29.91</td><td>29.94</td><td>9.29</td><td>10</td><td>3</td><td>23</td></tr> <tr><td>23</td><td></td><td></td><td>80</td><td>65</td><td>70</td><td>63</td><td>29.91</td><td>29.94</td><td>9.35</td><td>9</td><td>3</td><td>24</td></tr> <tr><td>24</td><td></td><td></td><td>79</td><td>65</td><td>70</td><td>64</td><td>29.91</td><td>29.94</td><td>9.13</td><td>8</td><td>3</td><td>26</td></tr> </tbody> </table>																HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)		CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION	STATION	SEA LEVEL	01			78	65	70	66	29.92	29.95	9.19	7	3	28	02			77	65	69	68	29.92	29.95	9.10	7	3	27	03			76	65	69	69	29.91	29.94	9.06	7	2	31	04			76	64	69	69	29.92	29.95	9.00	7	3	30	05			75	64	68	70	29.93	29.96	8.40	7	3	32	06			76	63	68	68	29.94	29.97	8.33	7	3	31	07			77	63	68	64	29.94	29.97	8.39	8	2	32	08			78	63	69	61	29.95	29.98	8.52	8	2	33	09			80	64	70	58	29.94	29.97	8.56	8	4	33	10			82	64	70	54	29.94	29.97	8.74	9	3	32	11			84	63	71	51	29.93	29.96	8.81	10	3	31	12			86	63	71	48	29.93	29.96	8.80	9	3	27	13			86	63	71	47	29.91	29.94	8.52	11	5	23	14			87	63	71	46	29.90	29.93	8.45	11	5	22	15			87	63	72	46	29.89	29.91	8.58	11	5	22	16			87	63	71	47	29.88	29.91	8.42	12	5	21	17			86	63	71	49	29.87	29.90	8.55	12	4	21	18			85	65	72	54	29.87	29.90	8.81	12	5	20	19			83	65	71	57	29.88	29.91	8.68	11	4	21	20			82	65	71	60	29.89	29.92	9.00	10	4	20	21			81	65	71	60	29.91	29.94	9.32	9	3	21	22			80	66	71	63	29.91	29.94	9.29	10	3	23	23			80	65	70	63	29.91	29.94	9.35	9	3	24	24			79	65	70	64	29.91	29.94	9.13	8	3	26
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**JULY 1999**  
**NEW YORK (LGA AP), NY**

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

DIRECTOR

## NOTICE

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

We welcome your questions or comments, please contact us at  
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 828–271–4010(TDD)  
 or [orders@ncdc.noaa.gov](mailto:orders@ncdc.noaa.gov)  
 Local Climatological Data is available at [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)

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