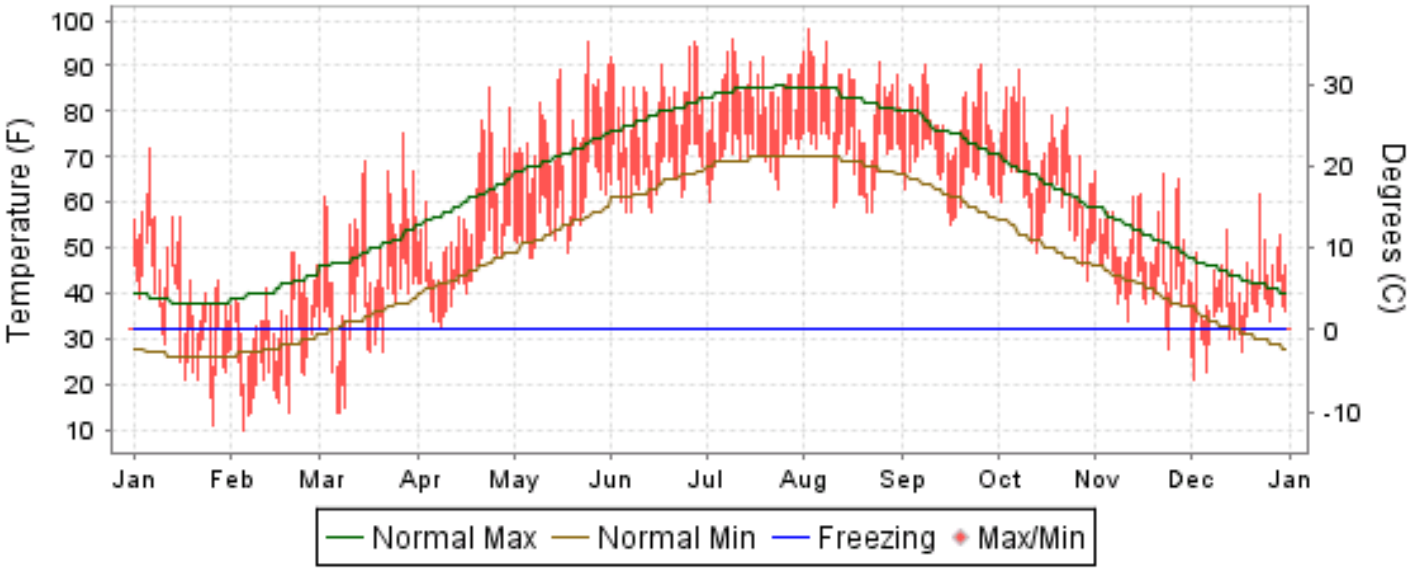
2007
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

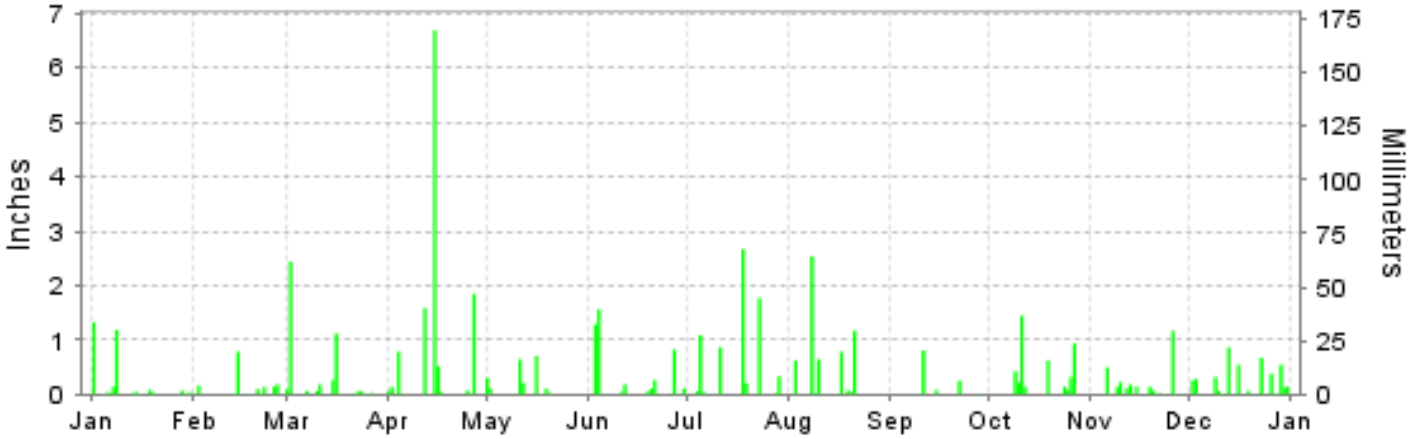
ISSN 0198-3636

NEW YORK,
LA GUARDIA AIRPORT (KLGA)

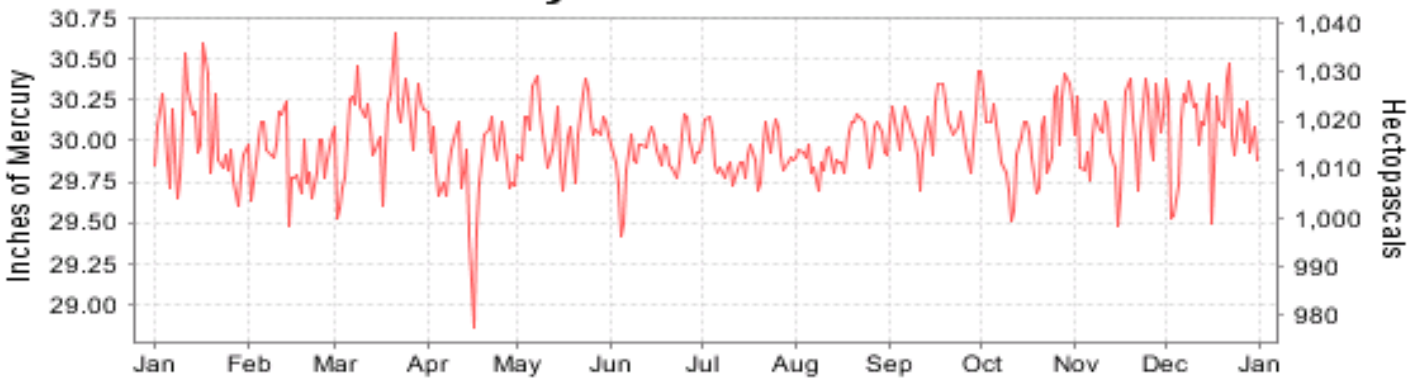
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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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

METEOROLOGICAL DATA FOR 2007
NEW YORK (KLGA)

LATITUDE: 40 ° 46'N **LONGITUDE:** -73 ° 52'W **ELEVATION (FT):** GRND: 11 BARO: 39 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 14732

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	44.8	35.8	51.0	58.2	76.0	82.0	85.0	84.3	79.8	72.2	53.0	43.5	63.8
	HIGHEST DAILY MAXIMUM	72	49	75	85	95	95	96	98	90	89	67	62	98
	DATE OF OCCURRENCE	06	21+	27	23	25	27	09	02	26+	08	01	23	AUG 02
	MEAN DAILY MINIMUM	33.1	23.6	34.4	44.0	57.4	65.9	70.5	69.9	66.2	58.7	41.4	33.8	49.9
	LOWEST DAILY MINIMUM	11	10	14	32	48	58	60	58	55	43	28	21	10
	DATE OF OCCURRENCE	26	05	07+	08	07+	14+	02	22+	16	29	24	02	FEB 05
	AVERAGE DRY BULB	39.0	29.7	42.7	51.1	66.7	74.0	77.8	77.1	73.0	65.5	47.2	38.7	56.9
	MEAN WET BULB	33.8	24.6	35.8	43.0	55.1	63.4	66.9	67.0	62.6	58.2	41.0	33.7	48.8
	MEAN DEW POINT	24.2	11.9	24.3	32.9	45.1	56.5	60.2	60.8	55.2	52.4	32.2	25.7	40.1
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	2	6	6	7	2	0	0	0	23
	MAXIMUM <= 32°	4	9	2	0	0	0	0	0	0	0	0	0	15
	MINIMUM <= 32°	16	23	10	1	0	0	0	0	0	0	2	12	64
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	802	979	684	420	73	2	0	6	5	90	530	809	4400
	COOLING DEGREE DAYS	0	0	0	10	133	278	402	387	253	114	0	0	1577
RH	MEAN (PERCENT)	57	49	52	55	50	58	58	59	57	65	58	63	57
	HOUR 01 LST	62	54	58	63	59	67	65	65	64	71	61	65	63
	HOUR 07 LST	63	55	58	60	51	60	62	65	62	71	66	66	62
	HOUR 13 LST	50	42	43	46	38	46	47	51	45	54	52	58	48
	HOUR 19 LST	54	46	50	55	53	59	57	58	57	66	53	62	56
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	2	0	0	0	0	0	0	0	0	0	0	0	2
	THUNDERSTORMS	0	0	0	2	5	8	4	4	1	2	0	0	26
CLOUDNESS	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.)	30.01	29.90	30.10	29.83	30.07	29.91	29.91	29.94	30.08	30.03	30.03	30.11	29.99
	MEAN SEA-LEVEL PRESS. (IN.)	30.04	29.96	30.14	29.87	30.10	29.94	29.94	29.98	30.11	30.07	30.06	30.14	30.03
WINDS	RESULTANT SPEED (MPH)	7.2	10.3	4.4	3.9	1.3	1.3	1.9	0.3	1.4	1.9	4.0	4.7	3.1
	RES. DIR. (TENS OF DEGS.)	30	30	31	34	23	27	23	09	23	26	30	32	30
	MEAN SPEED (MPH)	11.9	14.3	12.0	11.6	9.4	9.6	9.3	8.5	8.7	9.7	11.4	12.1	10.7
	PREVAIL.DIR.(TENS OF DEGS.)	32	27	31	31	18	18	18	18	18	18	32	29	27
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	36	39	39	35	40	32	31	32	29	32	35	40	40
	DIR. (TENS OF DEGS.)	33	05	32	29	30	33	06	33	29	30	31	27	27
	DATE OF OCCURRENCE	20	14	06	30	16	27	23	17	11	12	16	16	DEC 16
	MAXIMUM 5-SECOND WIND:													
	SPEED (MPH)	44	48	48	43	49	38	37	44	40	41	45	54	54
	DIR. (TENS OF DEGS.)	31	04	32	30	28	33	06	33	29	31	30	25	25
	DATE OF OCCURRENCE	20	14	05	30	16	27	23	17	11	12	16	16	DEC 16
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	3.17	1.57	4.45	11.78	2.18	4.51	7.09	5.93	1.18	4.39	2.78	4.40	53.43
	GREATEST 24-HOUR (IN.)	1.34	0.81	2.54	6.89	0.71	2.86	2.67	2.54	0.81	1.59	1.19	0.87	6.89
	DATE OF OCCURRENCE	07-08	13-14	01-02	15-16	16	03-04	18	08	11	11-12	26-27	13	APR 15-16
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	14	8	12	9	9	10	9	9	4	10	12	16	122
	PRECIPITATION 0.10	3	6	5	6	6	7	6	5	2	8	8	10	72
	PRECIPITATION 1.00	2	0	2	3	0	2	3	2	0	1	1	0	16
SNOWFALL	SNOW,ICE PELLETS,HAIL													
	TOTAL (IN.)	1.9	6.1	6.7	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	17.4
	GREATEST 24-HOUR (IN.)	0.5	2.8	4.5	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.5
	DATE OF OCCURRENCE	19	14	16	08+								02	MAR 16
	MAXIMUM SNOW DEPTH (IN.)	T	2	4	0	0	0	0	0	0	0	0	1	4
	DATE OF OCCURRENCE	31+	27+	17									16+	MAR 17
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	0	3	2	0	0	0	0	0	0	0	0	1	6

NORMALS, MEANS, AND EXTREMES
NEW YORK (KLGA)

LATITUDE: 40 ° 46'N **LONGITUDE:** -73 ° 52'W **ELEVATION (FT):** GRND: 11 BARO: 39 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 14732

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	38.6	41.2	49.6	60.0	70.6	79.3	84.7	83.1	75.6	64.5	53.6	43.7	62.0
	MEAN DAILY MAXIMUM	60	38.6	40.7	48.3	59.9	70.3	79.5	84.6	82.9	75.7	65.0	54.0	43.1	61.9
	HIGHEST DAILY MAXIMUM	46	72	73	83	94	97	99	107	104	96	89	80	75	107
	YEAR OF OCCURRENCE		2007	1997	1998	2002	1996	1988	1966	2001	1983	2007	2003	1998	JUL 1966
	MEAN OF EXTREME MAXS.	60	57.5	58.2	68.0	79.8	87.7	93.2	95.8	93.5	88.9	80.0	70.3	61.0	77.8
	NORMAL DAILY MINIMUM	30	26.5	28.3	35.1	44.4	54.3	63.7	69.5	68.7	61.6	50.9	41.6	32.0	48.1
	MEAN DAILY MINIMUM	60	26.8	28.0	34.5	44.2	53.9	63.5	69.4	68.7	61.8	51.3	41.9	31.9	48.0
	LOWEST DAILY MINIMUM	46	-3	-2	8	22	38	46	56	51	44	30	18	-1	-3
	YEAR OF OCCURRENCE		1994	1963	1980	1982	1983	1972	1988	1982	1974	1969	1976	1980	JAN 1994
	MEAN OF EXTREME MINS.	60	9.7	11.6	19.7	32.5	44.0	53.3	61.3	59.3	49.4	38.7	28.0	15.5	35.3
	NORMAL DRY BULB	30	32.6	34.8	42.3	52.2	62.4	71.5	77.1	75.9	68.6	57.7	47.6	37.9	55.1
	MEAN DRY BULB	60	32.7	34.4	41.4	52.0	62.1	71.7	77.0	75.9	68.8	58.2	47.9	37.5	55.0
	MEAN WET BULB	24	29.3	29.9	35.6	44.6	54.3	63.4	68.0	67.8	61.8	51.8	42.5	33.5	48.5
	MEAN DEW POINT	24	22.7	22.6	28.6	38.1	49.2	58.9	64.0	64.1	57.8	46.8	36.5	26.8	43.0
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	*	0.8	3.1	6.3	3.9	0.9	0.0	0.0	0.0	15.0
	MAXIMUM <= 32	30	9.1	6.1	1.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.9	20.2
	MINIMUM <= 32	30	21.7	18.3	9.9	1.1	0.0	0.0	0.0	0.0	0.0	*	3.2	14.3	68.5
	MINIMUM <= 0	30	0.2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.2
H/C	NORMAL HEATING DEG. DAYS	30	1008	861	713	392	136	16	1	1	40	249	524	836	4777
	NORMAL COOLING DEG. DAYS	30	0	0	1	6	54	209	377	336	141	17	1	0	1142
RH	NORMAL (PERCENT)	30	63	61	60	60	65	65	65	68	68	66	64	63	64
	HOUR 01 LST	30	65	63	64	66	72	73	72	75	75	72	68	66	69
	HOUR 07 LST	30	68	66	67	67	72	73	73	76	77	74	71	68	71
	HOUR 13 LST	30	59	55	53	51	54	54	54	56	58	56	58	59	56
	HOUR 19 LST	30	60	58	57	57	61	61	61	65	66	64	62	61	61
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY <= 1/4 MI)	44	1.3	1.5	1.4	1.0	1.2	1.0	0.4	0.3	0.1	0.7	0.6	1.0	10.5
	THUNDERSTORMS	60	0.2	0.2	0.9	1.7	3.5	4.6	5.3	4.5	2.2	0.9	0.5	0.2	24.7
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	48	5.1	5.0	5.0	5.0	5.0	4.8	4.6	4.5	4.5	4.2	5.0	5.0	4.8
	MIDNIGHT-MIDNIGHT (OKTAS)	32	4.8	4.7	4.8	4.7	4.7	4.5	4.4	4.2	4.3	4.0	4.7	4.8	4.6
	MEAN NO. DAYS WITH:														
	CLEAR	48	7.6	7.6	7.7	7.4	6.6	7.4	7.3	8.2	9.6	10.9	7.5	7.7	95.5
	PARTLY CLOUDY	48	8.3	7.4	9.0	9.3	11.2	11.3	12.7	12.0	9.2	8.8	8.4	8.7	116.3
	CLOUDY	48	15.2	13.3	14.3	13.3	13.2	11.3	10.9	10.8	11.2	11.3	14.1	14.5	153.4
PR	MEAN STATION PRESSURE (IN)	24	30.03	30.03	29.99	29.93	29.95	29.93	29.94	29.99	30.03	30.05	30.04	30.05	30.00
	MEAN SEA-LEVEL PRES. (IN)	24	30.07	30.06	30.03	29.97	29.98	29.96	29.98	30.02	30.06	30.08	30.08	30.08	30.03
WINDS	MEAN SPEED (MPH)	24	13.0	13.0	13.0	12.1	11.0	10.5	9.9	9.8	10.4	11.0	12.2	12.8	11.6
	PREVAIL.DIR (TENS OF DEGS)	32	32	32	32	06	05	19	19	19	05	31	32	32	32
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	11	41	41	46	55	40	37	53	46	51	41	47	41	55
	DIR. (TENS OF DEGS)		17	26	28	29	30	29	35	29	33	30	30	30	29
	YEAR OF OCCURRENCE		2006	2006	1997	2002	2007	2000	1997	1997	1998	2006	2003	2000	APR 2002
	MAXIMUM 5-SECOND														
	SPEED (MPH)	11	56	53	57	69	49	44	80	60	62	51	62	54	80
	DIR. (TENS OF DEGS)		18	28	29	29	28	27	34	28	32	31	28	25	34
	YEAR OF OCCURRENCE		2006	2006	1997	2002	2007	2003	1997	1997	1998	2006	2003	2007	JUL 1997
PRECIPITATION	NORMAL (IN)	30	3.56	2.75	3.93	3.68	4.16	3.57	4.41	4.09	3.77	3.26	3.67	3.51	44.36
	MAXIMUM MONTHLY (IN)	67	8.68	5.76	8.73	11.78	9.27	9.88	12.33	16.05	10.28	14.71	9.92	7.70	16.05
	YEAR OF OCCURRENCE		1979	1960	1953	2007	1984	2003	1975	1955	2004	2005	1972	1973	AUG 1955
	MINIMUM MONTHLY (IN)	67	0.51	0.66	0.74	0.99	0.43	0.03	0.56	0.12	.39	0.06	0.31	0.31	0.03
	YEAR OF OCCURRENCE		1981	2002	2006	1985	1964	1949	1999	1995	2005	1963	1976	1955	JUN 1949
	MAXIMUM IN 24 HOURS (IN)	67	3.55	2.90	3.25	6.89	3.02	4.01	3.82	7.11	4.79	4.50	4.46	3.44	7.11
	YEAR OF OCCURRENCE		1979	1941	1953	2007	1968	1987	1971	1955	1999	2005	1977	1941	AUG 1955
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	10.6	9.6	10.5	10.6	11.1	10.1	9.5	9.0	8.6	7.9	9.0	10.8	117.3
	PRECIPITATION >= 1.00	30	0.7	0.5	0.9	1.0	1.0	0.8	1.3	1.1	1.1	0.8	0.9	0.9	11.0
SNOWFALL	NORMAL (IN)	30	7.6	8.4	3.9	0.4	0.*	0.0	0.0	0.0	0.0	0.*	0.4	3.2	23.9
	MAXIMUM MONTHLY (IN)	62	27.6	26.4	18.9	8.2	T	0.0	T	0.0	0.0	1.2	6.1	26.8	27.6
	YEAR OF OCCURRENCE		1996	1983	1958	1982	1977		2006			1962	1989	1947	JAN 1996
	MAXIMUM IN 24 HOURS (IN)	63	21.4	22.0	15.3	8.2	T	0.0	T	0.0	0.0	1.2	6.1	22.8	22.8
	YEAR OF OCCURRENCE'		1996	1983	1960	1982	1977		1997			1962	1989	1947	DEC 1947
	MAXIMUM SNOW DEPTH (IN)	59	15	26	15	8	0	0	0	0	0	0	6	15	26
	YEAR OF OCCURRENCE		1948	1961	1960	1982							1989	1995	FEB 1961
	NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	2.1	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	5.7

PRECIPITATION (inches) 2007 NEW YORK (KLGA)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1978	6.11	0.92	2.14	1.95	8.15	1.30	3.79	4.01	3.93	1.41	2.24	4.90	40.85
1979	8.68	4.28	3.76	3.55	4.32	1.51	1.37	4.80	4.07	3.83	3.04	2.57	45.78
1980	1.94	0.95	8.65	6.55	2.14	3.43	4.74	1.32	1.16	3.15	4.17	0.61	38.81
1981	0.51	5.42	1.11	3.01	3.32	2.32	5.73	0.31	2.99	3.21	1.63	4.65	34.21
1982	4.81	2.25	2.39	4.14	2.03	4.70	2.97	3.11	1.41	1.65	3.19	1.42	34.07
1983	4.14	2.90	8.22	11.51	3.77	1.95	3.41	2.67	3.47	7.32	4.85	6.63	60.84
1984	1.51	4.31	5.19	5.26	9.27	6.85	5.75	1.19	2.65	3.01	3.13	2.58	50.70
1985	0.76	1.81	1.81	0.99	5.18	4.48	5.77	2.80	4.23	1.18	7.00	0.63	36.64
1986	4.50	2.74	1.91	3.65	1.45	1.43	3.90	4.60	1.84	1.71	5.94	5.19	38.86
1987	5.43	0.78	4.45	4.79	1.12	6.36	4.42	4.32	3.72	4.01	2.60	2.28	44.28
1988	2.58	3.44	1.98	2.09	4.45	0.94	8.47	1.83	2.59	3.08	7.76	1.18	40.39
1989	2.54	2.83	4.23	3.03	8.83	6.90	5.49	7.21	5.40	5.45	2.53	0.78	55.22
1990	4.10	1.56	2.74	5.30	7.63	2.13	2.77	10.31	1.90	5.72	2.18	4.88	51.22
1991	3.03	1.92	3.69	3.06	2.99	3.31	3.39	6.78	3.56	1.22	1.72	3.49	38.16
1992	1.39	1.43	4.07	1.52	2.87	3.25	4.38	4.12	2.58	1.05	5.27	5.47	37.40
1993	3.05	3.25	6.45	3.49	2.31	1.71	1.70	6.11	5.22	4.07	1.37	4.43	43.16
1994	4.74	2.83	6.25	2.35	4.49	2.55	4.44	5.39	2.75	1.36	3.60	2.74	43.49
1995	3.43	3.26	1.16	1.84	2.69	2.40	5.51	0.12	2.76	5.61	4.36	2.17	35.31
1996	4.11	2.14	3.88	5.10	2.12	4.57	4.73	2.32	5.00	5.94	2.93	6.29	49.13
1997	3.68	2.83	5.08	2.95	3.19	1.64	10.49	4.02	1.77	1.86	4.20	3.66	45.37
1998	4.67	4.28	5.33	5.86	5.98	5.30	1.14	4.29	4.10	1.75	1.48	1.03	45.21
1999	6.35	3.47	3.35	1.46	4.45	0.50	0.56	5.23	7.85	2.83	2.16	2.86	41.07
2000	3.06	1.51	3.29	3.47	4.29	4.50	6.27	3.95	4.69	0.64	3.02	3.79	42.48
2001	2.75	1.74	6.86	1.42	2.09	5.25	2.37	2.80	5.17	0.49	0.91	2.12	33.97
2002	1.95	0.66	3.71	3.98	3.30	4.21	1.47	4.68	6.40	6.36	4.24	3.88	44.84
2003	1.81	3.94	4.29	3.34	3.55	9.88	4.42	5.57	4.98	4.25	3.84	5.09	54.96
2004	1.97	2.54	2.95	4.80	4.44	2.46	8.63	4.42	10.28	1.09	3.77	3.33	50.68
2005	3.71	3.09	4.26	4.59	0.96	2.46	2.33	3.87	0.39	14.71	3.57	4.22	48.16
2006	4.83	2.89	0.74	5.20	4.69	7.87	5.95	4.85	2.38	6.51	5.83	2.21	53.95
2007	3.17	1.57	4.45	11.78	2.18	4.51	7.09	5.93	1.18	4.39	2.78	4.40	53.43
POR= 60 YRS	3.24	2.90	3.88	3.80	3.70	3.46	4.13	4.24	3.54	3.38	3.66	3.57	43.50

WBAN : 14732

AVERAGE TEMPERATURE (°F) 2007 NEW YORK (KLGA)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1978	28.8	26.9	38.6	50.3	59.6	70.0	73.8	75.4	65.3	55.7	48.2	38.0	52.6
1979	31.6	23.0	44.2	49.9	63.0	68.9	77.1	75.5	68.2	56.0	50.2	39.0	53.9
1980	32.7	30.7	40.2	53.2	64.7	70.1	78.7	78.2	70.4	55.7	43.1	30.8	54.0
1981	24.7	38.4	41.3	54.3	63.8	72.7	78.2	75.7	66.4	53.9	47.0	36.6	54.4
1982	25.3	35.1	41.1	50.2	63.3	66.8	76.3	72.4	66.9	57.4	49.0	41.8	53.8
1983	34.4	35.0	43.2	51.7	58.9	72.5	78.3	76.7	70.7	57.4	48.0	35.1	55.2
1984	29.3	39.2	35.3	50.3	61.3	73.6	73.5	76.3	65.7	62.5	46.4	43.3	54.7
1985	28.4	35.6	44.9	53.9	64.6	68.8	76.6	75.8	70.7	59.5	50.6	34.7	55.3
1986	34.0	31.6	43.8	53.1	65.4	71.5	76.1	73.4	67.9	58.0	45.9	39.3	55.0
1987	32.7	33.1	44.6	52.7	63.3	73.0	77.7	74.0	68.1	54.5	47.9	39.9	55.1
1988	29.8	35.1	43.0	50.8	62.2	72.1	78.6	78.8	67.9	53.0	49.5	36.6	54.8
1989	37.6	34.3	41.7	51.4	62.5	72.9	76.2	75.3	69.7	59.3	46.4	26.1	54.5
1990	41.1	39.9	44.0	53.0	59.7	72.4	77.1	76.3	68.8	63.1	51.0	43.2	57.5
1991	35.4	40.3	44.8	55.6	69.1	74.8	78.8	78.3	69.0	59.6	48.7	40.3	57.9
1992	35.9	36.5	40.3	50.4	61.2	71.2	75.4	73.9	68.4	55.6	46.5	38.0	54.4
1993	36.5	30.4	38.1	52.5	65.2	73.2	80.0	77.4	68.4	56.7	48.8	37.8	55.4
1994	25.9	30.3	40.6	55.5	62.2	75.6	80.6	75.3	68.8	58.4	51.8	42.3	55.6
1995	37.9	31.8	45.0	52.0	62.4	72.4	79.8	79.1	68.6	63.1	45.2	34.1	56.0
1996	32.1	35.2	40.1	52.2	61.0	71.5	74.5	75.7	69.8	57.9	43.9	41.8	54.6
1997	32.7	40.5	42.0	52.6	60.0	72.4	77.1	75.0	68.8	58.3	45.4	39.1	55.3
1998	40.2	40.8	45.0	53.8	64.8	70.0	78.0	77.9	71.7	58.9	49.0	44.0	57.8
1999	33.9	37.6	42.7	53.4	63.1	74.0	81.9	76.4	70.3	57.5	51.5	40.9	56.9
2000	32.1	37.5	47.1	51.1	63.4	72.3	73.6	74.5	68.2	59.0	46.6	32.1	54.8
2001	34.1	36.0	39.7	53.5	64.1	74.4	75.1	79.8	69.1	59.9	53.5	44.6	57.0
2002	40.4	40.9	44.3	55.5	60.9	72.6	79.5	78.5	71.3	56.5	46.5	36.7	57.0
2003	28.0	30.3	42.4	49.2	58.6	69.2	77.4	78.2	69.6	56.5	51.2	38.7	54.1
2004	25.6	35.3	43.2	53.1	64.6	72.5	75.9	75.4	70.7	57.7	49.1	38.2	55.1
2005	30.7	35.8	38.7	54.3	58.8	74.5	78.6	80.9	74.9	59.8	51.1	36.5	56.2
2006	41.6	36.8	44.0	56.2	63.9	73.4	80.7	78.1	69.0	59.0	53.4	45.4	58.5
2007	39.0	29.7	42.7	51.1	66.7	74.0	77.8	77.1	73.0	65.5	47.2	38.7	56.9
POR= 60 YRS	32.7	34.4	41.4	52.0	62.1	71.7	77.0	75.9	68.8	58.2	47.9	37.5	55.0

HEATING DEGREE DAYS (base 65°F) 2007 NEW YORK (KLGA)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1978-79	5	0	72	287	498	831	1031	1173	637	446	94	15	5089
1979-80	2	5	32	295	440	802	997	988	764	350	74	21	4770
1980-81	0	0	24	292	651	1052	1241	739	728	316	97	4	5144
1981-82	0	0	63	338	532	875	1222	832	737	443	79	49	5170
1982-83	0	6	36	253	482	712	942	832	669	402	187	5	4526
1983-84	0	2	48	259	505	919	1102	740	913	436	147	9	5080
1984-85	0	0	74	101	552	666	1127	820	620	338	87	20	4405
1985-86	0	0	17	183	428	934	955	929	649	350	98	12	4555
1986-87	0	9	25	235	561	787	995	886	623	361	149	7	4638
1987-88	0	2	24	321	508	772	1083	862	674	421	134	31	4832
1988-89	3	0	22	376	455	872	844	854	719	402	137	9	4693
1989-90	0	0	38	182	552	1198	735	698	645	367	159	3	4577
1990-91	2	0	38	145	421	670	911	687	619	312	51	4	3860
1991-92	0	0	45	190	482	758	894	819	756	431	156	10	4541
1992-93	0	1	47	293	546	831	875	964	828	369	61	9	4824
1993-94	0	0	51	256	484	837	1206	964	751	286	132	2	4969
1994-95	0	0	12	205	389	699	834	923	613	383	122	1	4181
1995-96	0	0	39	111	585	950	1014	859	769	382	184	6	4899
1996-97	0	0	24	217	623	709	991	681	705	366	155	30	4501
1997-98	1	0	35	244	580	795	759	671	630	328	97	17	4157
1998-99	0	0	11	188	474	644	956	759	685	341	100	2	4160
1999-00	0	3	16	228	398	741	1013	790	549	412	118	28	4296
2000-01	0	0	54	203	544	1010	951	805	775	349	114	3	4808
2001-02	0	0	39	194	338	625	754	668	637	338	161	20	3774
2002-03	0	1	6	296	551	868	1140	967	693	473	201	38	5234
2003-04	0	0	11	261	415	806	1214	854	668	350	81	11	4671
2004-05	0	0	10	228	471	825	1054	812	808	320	202	10	4740
2005-06	0	0	5	197	412	880	719	784	644	263	94	10	4008
2006-07	0	0	11	211	341	600	802	979	684	420	73	2	4123
2007-	0	6	5	90	530	809							

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COOLING DEGREE DAYS (base 65°F) 2007 NEW YORK (KLGA)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1978	0	0	0	0	44	172	286	326	86	5	0	0	919
1979	0	0	0	0	41	138	382	335	131	22	0	0	1049
1980	0	0	0	0	71	180	430	413	192	8	0	0	1294
1981	0	0	0	0	66	243	413	336	111	0	0	0	1169
1982	0	0	0	5	32	112	358	239	100	25	6	0	877
1983	0	0	0	9	4	233	417	368	222	31	0	0	1284
1984	0	0	0	0	39	274	271	355	100	31	0	0	1070
1985	0	0	1	11	81	139	368	340	193	20	3	0	1156
1986	0	0	0	0	118	213	352	276	118	26	0	0	1103
1987	0	0	0	1	102	251	398	289	124	0	2	0	1167
1988	0	0	0	0	55	248	431	438	116	11	0	0	1299
1989	0	0	2	0	65	253	351	328	183	15	0	0	1197
1990	0	0	0	17	4	234	381	356	158	95	7	0	1252
1991	0	0	0	34	184	303	435	421	174	30	0	0	1581
1992	0	0	0	1	45	202	327	284	153	10	0	0	1022
1993	0	0	0	0	74	261	474	390	157	5	4	0	1365
1994	0	0	0	5	51	325	490	327	133	4	0	0	1335
1995	0	0	0	0	49	228	466	444	152	57	0	0	1396
1996	0	0	0	2	68	209	306	337	175	6	0	0	1103
1997	0	0	0	0	7	258	381	319	152	41	0	0	1158
1998	0	0	18	1	98	175	408	408	218	8	0	2	1336
1999	0	0	0	1	47	279	528	365	180	4	1	0	1405
2000	0	0	0	0	73	255	271	299	155	26	0	0	1079
2001	0	0	0	12	94	288	318	466	166	43	1	0	1388
2002	0	0	0	59	44	253	458	425	200	39	0	0	1478
2003	0	0	0	7	9	169	390	418	158	5	7	0	1163
2004	0	0	0	0	76	243	345	328	188	9	0	0	1189
2005	0	0	0	6	17	305	427	501	308	43	0	0	1607
2006	0	0	0	6	67	270	494	416	139	31	0	0	1423
2007	0	0	0	10	133	278	402	387	253	114	0	0	1577

SNOWFALL (inches) 2007 NEW YORK (KLGA)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1978-79	0.0	0.0	0.0	0.0	2.3	0.2	6.0	17.4	T	T	0.0	0.0	25.9
1979-80	0.0	0.0	0.0	T	0.0	3.2	2.3	1.6	3.2	0.0	0.0	0.0	10.3
1980-81	0.0	0.0	0.0	0.0	0.2	1.8	7.7	T	6.4	0.0	0.0	0.0	16.1
1981-82	0.0	0.0	0.0	0.0	T	3.6	13.1	0.4	0.3	8.2	0.0	0.0	25.6
1982-83	0.0	0.0	0.0	0.0	0.0	2.1	1.7	26.4	T	T	0.0	0.0	30.2
1983-84	0.0	0.0	0.0	0.0	T	1.6	9.8	T	12.7	0.0	0.0	0.0	24.1
1984-85	0.0	0.0	0.0	0.0	T	5.5	8.3	8.8	0.3	T	0.0	0.0	22.9
1985-86	0.0	0.0	0.0	0.0	0.4	0.9	2.8	14.3	T	T	0.0	0.0	18.4
1986-87	0.0	0.0	0.0	0.0	T	T	16.3	6.0	0.9	0.0	0.0	0.0	23.2
1987-88	0.0	0.0	0.0	0.0	T	4.2	15.5	1.3	0.1	T	0.0	0.0	21.1
1988-89	0.0	0.0	0.0	0.0	0.0	0.4	6.4	1.6	2.4	0.0	0.0	0.0	10.8
1989-90	0.0	0.0	0.0	0.0	6.1	2.7	3.0	3.8	4.4	0.9	0.0	0.0	20.9
1990-91	0.0	0.0	0.0	0.0	0.0	7.3	6.2	8.3	0.1	0.0	0.0	0.0	21.9
1991-92	0.0	0.0	0.0	0.0	0.0	1.5	1.3	1.3	10.2	T	0.0	0.0	14.3
1992-93	0.0	0.0	0.0	T	T	0.5	2.2	13.6	15.4	0.0	0.0	0.0	31.7
1993-94	0.0	0.0	0.0	0.0	0.0	10.4	13.0	25.6	9.5	0.0	0.0	0.0	58.5
1994-95	0.0	0.0	0.0	0.0	T	T	0.3	12.1	T	0.0	0.0	0.0	12.4
1995-96	0.0	0.0	0.0	0.0	2.4	17.7	27.6	18.5	11.5	0.2	0.0	0.0	77.9
1996-97	0.0	0.0	0.0	0.0	T	.2	3.1	4.9	2.7	0.3	0.0	0.0	11.2
1997-98	T	0.0	0.0	0.0	0.1	1.6	0.7	T	4.7	0.0	0.0	0.0	7.1
1998-99	0.0	0.0	0.0	0.0	0.0	2.0	5.1	2.7	4.8	T	0.0	0.0	14.6
1999-00	0.0	0.0	0.0	0.0	0.0	T	10.5	3.0	T	1.3	T	0.0	14.8
2000-01	0.0	0.0	0.0	T	0.0	15.6	7.4	10.0	9.2	0.0	T	0.0	42.2
2001-02	0.0	0.0	0.0	0.0	0.0	0.0	3.3	T	0.1	T	T	0.0	3.4
2002-03	0.0	0.0	0.0	T	T	13.6	4.2	24.2	3.4	5.6	0.0	0.0	51.0
2003-04	0.0	0.0	0.0	0.0	0.0	18.0	17.8	0.8	7.5	0.0	0.0	0.0	44.1
2004-05	0.0	0.0	0.0	0.0	T	2.6	13.9	14.7	9.0	0.0	0.0	0.0	40.2
2005-06	0.0	0.0	0.0	0.0	T	7.4	2.9	25.4	1.8	T	0.0	0.0	37.5
2006-07	T	0.0	0.0	0.0	0.0	0.0	1.9	6.1	6.7	T	0.0	0.0	14.7
2007-	0.0	0.0	0.0	0.0	0.0	2.7							
POR= 60 YRS	T	0.0	0.0	T	0.4	4.4	6.9	8.3	4.6	0.5	T	0.0	25.1

WBAN : 14732

REFERENCE NOTES :

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).

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).

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.

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.

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.

NOTE:
The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

2007
NEW YORK
LA GUARDIA AIRPORT (KLGA)

New York City, in area exceeding 300 square miles, is located on the Atlantic coastal plain at the mouth of the Hudson River. The terrain is laced with numerous waterways, all but one of the five boroughs in the city are situated on islands. Elevations range from less than 50 feet over most of Manhattan, Brooklyn, and Queens to almost 300 feet in northern Manhattan and the Bronx, and over 400 feet in Staten Island. Extensive suburban areas on Long Island, and in Connecticut, New York State and New Jersey border the city on the east, north, and west. About 30 miles to the west and northwest, hills rise to about l,500 feet and to the north in upper Westchester County to 800 feet. To the southwest and to the east are the low-lying land areas of the New Jersey coastal plain and of Long Island, bordering on the Atlantic.

The New York Metropolitan area is close to the path of most storm and frontal systems which move across the North American continent. Therefore, weather conditions affecting the city most often approach from a westerly direction. New York City can thus experience higher temperatures in summer and lower ones in winter than would otherwise be expected in a coastal area. However, the frequent passage of weather systems often helps reduce the length of both warm and cold spells, and is also a major factor in keeping periods of prolonged air stagnation to a minimum.

Although continental influence predominates, oceanic influence is by no means absent. During the summer local sea breezes, winds blowing onshore from the cool water surface, often moderate the afternoon heat. The effect of the sea breeze diminishes inland. On winter mornings, ocean temperatures which are warm relative to the land reinforce the effect of the city heat island and low temperatures are often l0-20 degrees lower in the inland suburbs than in the central city. The relatively warm water temperatures also delay the advent of winter snows. Conversely, the lag in warming of water temperatures keeps spring temperatures relatively cool. One year-round measure of the ocean influence is the small average daily variation in temperature.

Precipitation is moderate and distributed fairly evenly throughout the year. Most of the rainfall from May through October comes from thunderstorms. It is therefore usually of brief duration and sometimes intense. Heavy rains of long duration associated with tropical storms occur infrequently in late summer or fall. For the other months of the year precipitation is more likely to be associated with widespread storm areas, so that day-long rain, snow or a mixture of both is more common. Precipitation accompanying winter storms sometimes starts as snow, later changes to rain, and perhaps briefly back to snow before ending. Coastal storms, occurring most often in the fall and winter months, produce on occasion considerable amounts of precipitation and have been responsible for record rains, snows, and high winds.

The average annual precipitation and snowfall totals are reasonably uniform within the city but show a consistent increase to the north and west with lesser amounts along the south shores and the eastern end of Long Island, reflecting the influence of the ocean waters. Relative humidity averages about the same over the metropolitan area except again that the immediate coastal areas are more humid than inland locations.

Local Climatological Data is published for three locations in New York City, Central Park, La Guardia Airport, and John F. Kennedy International Airport. Other nearby locations for which it is published are Newark, New Jersey, and Bridgeport, Connecticut.

Station Location NEW YORK

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	Latitude NORTH	Longitude WEST	ELEVATION ABOVE SEA LEVEL: GROUND TEMPERATURE SITE	ELEVATION ABOVE GROUND: WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET RAIN GAUGE	WEIGHING RAIN GAUGE	8 INCH RAIN GAUGE	HYGROTHERMOMETER	* AUTOMATIC OBSERVING EQUIPMENT	REMARKS
*NOTE: AIRPORT																
3rd Floor, Marine Terminal Building La Guardia Field	6/30/61	05/01/96	5/8 mi. W	40° 46'	73° 54'	c11	a20	d42	41	NA	40	e41	40	b4 f4		a. 82 feet to 4/12/62, b. Commissioned 5/1/62 on site 1/2 mi. NE of thermometer site. c. 10 feet to 5/1/62. d. Removed 11/29/68. e. Added 4/18/72. f. Type change 9/4/85. Station type changed from Wso to WSCMO 06/05/88.
La Guardia Airport	05/01/96	Present	NA	40° 47'	73° 53'	g36									S	ASOS Commissioned 05/01/96 g. Ground elevation.

* TYPE
M = AMOS
T = AUTOB
S = ASOS
W = AWOS

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* NOTES: For earlier station history see previous editions.