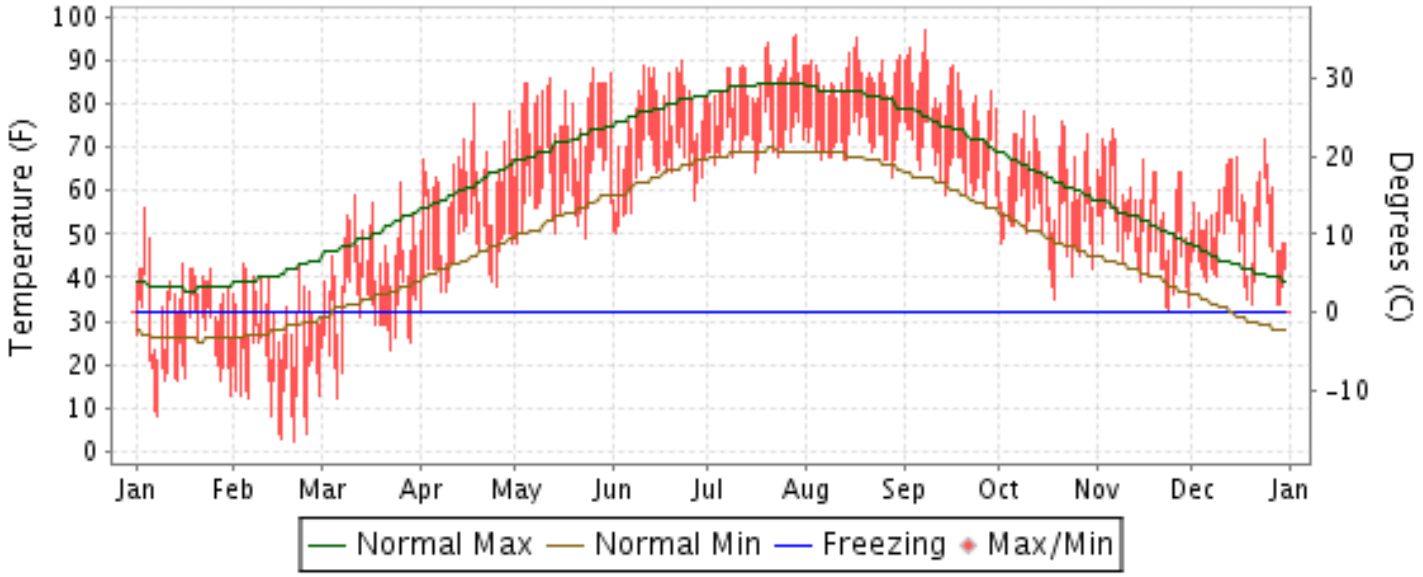
2015
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

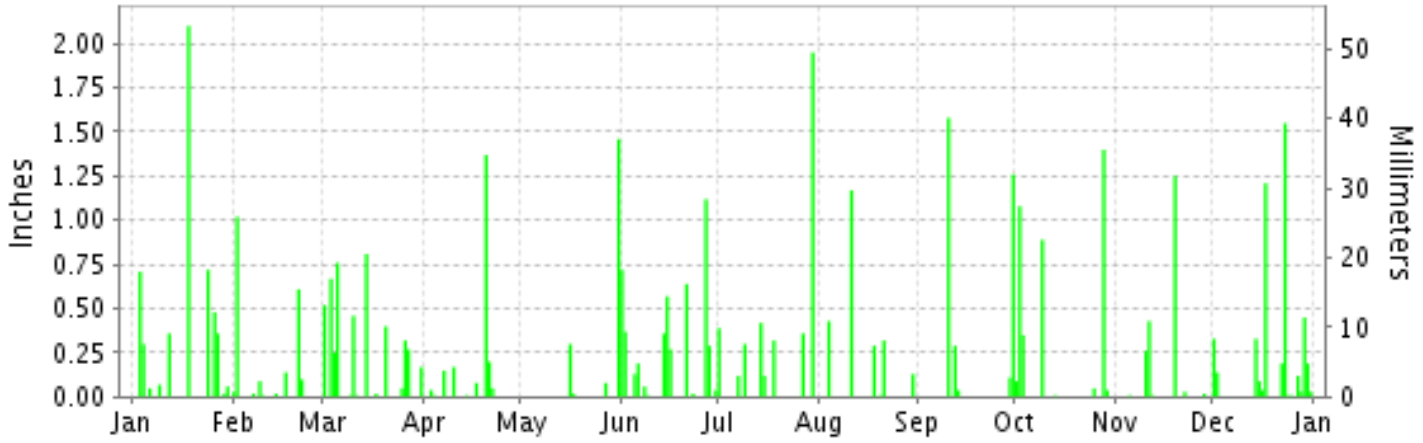
ISSN 0198-3598

NEW YORK,
NEW YORK (KNYC)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CENTERS for ENVIRONMENTAL INFORMATION (NCEI) ASHEVILLE, NORTH CAROLINA

METEOROLOGICAL DATA FOR 2015
NEW YORK (KNYC)

LATITUDE: 40° 46'N **LONGITUDE:** 73° 58'W **ELEVATION (FT):** GRND: 130 BARO: 161 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 94728

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	36.1	32.1	45.3	62.6	78.4	78.5	85.9	86.9	82.6	65.4	59.3	56.3	64.1
	HIGHEST DAILY MAXIMUM	56	43	62	80	88	90	96	95	97	78	74	72	97
	DATE OF OCCURRENCE	04	22+	26	18	26	23	29	17	08	09	06	24	SEP 08
	MEAN DAILY MINIMUM	23.6	15.8	30.9	45.9	58.6	63.9	71.7	71.0	66.3	50.7	46.2	45.3	49.2
	LOWEST DAILY MINIMUM	8	2	12	32	48	50	64	63	56	35	32	34	2
	DATE OF OCCURRENCE	08	20	06	01	02	02	16	28	27	19	24	29+	FEB 20
	AVERAGE DRY BULB	29.9	23.9	38.1	54.3	68.5	71.2	78.8	79.0	74.5	58.0	52.8	50.8	56.7
	MEAN WET BULB	25.4	20.4	31.9	44.5	58.0	62.9	67.8	66.7	64.3	49.8		45.5	
	MEAN DEW POINT	14.2	8.8	19.9	32.9	49.9	57.6	61.5	59.4	57.7	41.6	38.4	39.0	40.1
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	0	1	5	8	6	0	0	0	20
	MAXIMUM <= 32°	9	15	2	0	0	0	0	5	0	0	0	0	31
	MINIMUM <= 32°	25	28	16	1	0	0	0	0	0	0	1	0	71
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	1080	1143	826	319	37	33	0	0	1	223	364	434	4460
	COOLING DEGREE DAYS	0	0	0	5	154	228	437	441	293	15	5	3	1581
RH	MEAN (PERCENT)	54	53	53	50	57	66	58	54	59	57	59	66	57
	HOUR 01 LST	55	55	55	56	65	72	65	60	68	62	64	68	62
	HOUR 07 LST	58	57	57	54	61	69	63	62	65	65	65	71	62
	HOUR 13 LST	50	48	48	39	44	58	50	41	45	46	50	61	48
	HOUR 19 LST	52	51	52	50	57	63	56	52	60	56	59	65	56
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	3	1	3	0	1	0	3	0	0	0	0	0	11
	THUNDERSTORMS	0	0	0	0	0	0	0	0	0	0	0	0	0
PR	MEAN STATION PRESS. (IN.)	29.95	29.90	29.95	29.83	29.98	29.82	29.77	29.83	29.93	29.94	30.04	29.95	29.91
	MEAN SEA-LEVEL PRESS. (IN.)	30.10	30.06	30.11	29.98	30.12	29.97	29.91	29.98	30.07	30.09	30.17	30.09	30.05
WINDS	RESULTANT SPEED (MPH)	3.6	3.0	2.6	0.9	0.3	0.7	0.3	0.5	1.0	1.4		0.9	
	RES. DIR. (TENS OF DEGS.)	31	32	30	35	23	06	26	27	05	03		31	
	MEAN SPEED (MPH)	7.3	7.2	6.1	6.5	4.2	4.7	3.5	3.7	4.4	5.3	4.9	5.2	5.3
	PREVAIL.DIR.(TENS OF DEGS.)	31	31	31	30	25	06	25	29	06	06	29	29	31
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	29	23	24	24	20	18	20	23	18	23	23	21	29
	DIR. (TENS OF DEGS.)	28	30	29	31	08	06	01	29	06	06	07	29	28
	DATE OF OCCURRENCE	04	15	30	04	31	28	27	04	26	02	10	15	JAN 04
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	46	42	44	41	29	29	31	37	27	32	37	34	46
	DIR. (TENS OF DEGS.)	26	31	28	31	28	31	27	29	02	06	28	31	26
	DATE OF OCCURRENCE	04	15	30	04	22	21	01	04	30	02	13	15	JAN 04
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	5.23	2.04	4.72	2.08	1.86	4.79	3.98	2.35	3.28	3.91	2.01	4.72	40.97
	GREATEST 24-HOUR (IN.)	2.10	1.05	0.98	1.50	1.46	1.41	1.95	1.17	1.58	1.44	1.25	1.56	2.10
	DATE OF OCCURRENCE	18	01-02	04-05	20-21	31	27-28	30	11	10	28-29	19	23-24	JAN 18
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	11	9	14	9	4	14	8	6	5	8	7	15	110
	PRECIPITATION 0.10	7	4	10	4	2	10	8	4	4	4	3	9	69
	PRECIPITATION 1.00	1	1	0	1	1	1	1	1	2	2	1	2	14
SNOWFALL	SNOW,ICE PELLETS,HAIL	16.9	13.6	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	49.1
	TOTAL (IN.)	5.5	5.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	7.5
	GREATEST 24-HOUR (IN.)	26	02	05									29+	MAR 05
	DATE OF OCCURRENCE	8	13	19	0	0	0	0	0	0	0	0	0	19
	MAXIMUM SNOW DEPTH (IN.)	28+	22	06										MAR 06
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	6	4	4	0	0	0	0	0	0	0	0	0	14

NORMALS, MEANS, AND EXTREMES
NEW YORK (KNYC)

LATITUDE: 40° 46'N **LONGITUDE:** 73° 58'W **ELEVATION (FT):** GRND: 130 BARO: 161 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 94728

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	38.3	41.6	49.7	61.2	70.8	79.3	84.1	82.6	75.2	63.8	53.8	43.0	62.0
	MEAN DAILY MAXIMUM	140	38.2	37.4	47.9	58.3	70.7	77.7	84.4	82.3	74.2	64.5	51.7	42.0	60.8
	HIGHEST DAILY MAXIMUM	147	72	75	86	96	99	101	106	104	102	94	84	75	106
	YEAR OF OCCURRENCE		2007	1985	1998	2002	1962	1966	1936	1918	1953	1941	1950	1998	JUL 1936
	MEAN OF EXTREME MAXS.	140	58.5	58.9	70.5	82.8	88.3	92.7	95.9	93.3	89.5	79.3	70.8	62.3	78.6
	NORMAL DAILY MINIMUM	30	26.9	28.9	35.2	44.8	54.0	63.6	68.8	67.8	60.8	50.0	41.6	32.0	47.9
	MEAN DAILY MINIMUM	140	25.6	24.7	33.2	42.3	53.5	61.4	68.3	66.8	59.1	49.7	39.3	30.2	46.2
	LOWEST DAILY MINIMUM	147	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
	YEAR OF OCCURRENCE		1882	1934	1872	1923	1891	1945	1943	1986	1912	1936	1875	1917	FEB 1934
	MEAN OF EXTREME MINS.	140	8.4	11.5	18.9	31.6	43.2	52.4	60.1	58.2	48.3	37.0	27.5	16.2	34.4
	NORMAL DRY BULB	30	32.6	35.3	42.5	53.0	62.4	71.4	76.5	75.2	68.0	56.9	47.7	37.5	54.9
	MEAN DRY BULB	140	31.9	31.0	40.5	50.3	62.1	69.6	76.3	74.6	66.7	57.1	45.5	36.1	53.5
	MEAN WET BULB	31	39.6	40.1	43.5	49.8	57.2	63.5	66.1	65.7	62.4	55.4	48.4	43.3	52.9
	MEAN DEW POINT	30	38.5	39.2	42.5	48.7	55.7	61.9	64.6	64.5	61.0	54.0	47.0	41.6	51.6
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.1	0.7	2.1	5.5	3.2	0.6	0.0	0.0	0.0	12.2
	MAXIMUM <= 32	30	8.3	4.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.9	17.5
	MINIMUM <= 32	30	20.4	17.7	9.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.6	14.2	65.5
	MINIMUM <= 0	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H/C	NORMAL HEATING DEG. DAYS	30	1004	833	700	371	138	19	0	2	43	268	520	852	4750
	NORMAL COOLING DEG. DAYS	30	0	0	1	11	57	212	355	318	133	17	1	0	1105
RH	NORMAL (PERCENT)	30	63	61	60	58	65	68	66	69	70	67	64	64	65
	HOUR 01 LST	30	64	63	63	62	70	73	71	75	76	72	68	66	69
	HOUR 07 LST	30	68	67	67	65	73	76	74	78	79	76	72	68	72
	HOUR 13 LST	30	58	55	53	48	54	58	55	56	58	56	56	59	56
	HOUR 19 LST	30	60	58	56	53	60	63	61	65	67	65	61	61	61
S	PERCENT POSSIBLE SUNSHINE	107	51	55	57	58	61	64	65	64	62	61	52	49	58
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	49	0.9	0.8	0.5	0.1	0.3	0.6	0.7	0.7	0.3	0.1	0.2	0.4	5.6
	THUNDERSTORMS	50	0.1	0.1	0.5	0.8	1.4	2.4	2.6	2.2	0.8	0.4	0.2	0.1	11.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	30	29.91	29.89	29.89	29.86	29.87	29.85	29.85	29.88	29.90	29.90	29.93	29.91	29.89
	MEAN SEA-LEVEL PRES. (IN)	32	30.02	30.01	30.01	29.97	29.99	29.96	29.97	29.99	30.02	30.02	30.04	30.02	30.00
WINDS	MEAN SPEED (MPH)	31	7.5	7.6	7.6	7.1	6.3	5.9	5.8	5.5	5.8	6.2	6.6	7.1	6.6
	PREVAIL.DIR(TENS OF DEGS)	23	28	28	33	33	05	24	24	24	05	28	28	28	28
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	20	40	34	37	35	30	29	24	33	29	38	32	34	40
	DIR. (TENS OF DEGS)		00	08	06	08	05	28	17	30	09	05	28	07	00
	YEAR OF OCCURRENCE		1996	1998	2010	2000	2008	2008	1996	1997	1999	2012	2003	1997	JAN 1996
	MAXIMUM 3-SECOND														
	SPEED (MPH)	20	53	52	53	51	45	45	41	60	46	62	47	51	62
	DIR. (TENS OF DEGS)		00	07	06	07	33	27	16	07	30	05	28	06	05
	YEAR OF OCCURRENCE		1996	1998	2010	1998	2008	2008	1996	2011	2002	2012	2003	1997	OCT 2012
PRECIPITATION	NORMAL (IN)	30	3.65	3.09	4.36	4.50	4.19	4.41	4.60	4.44	4.28	4.40	4.02	4.00	49.94
	MAXIMUM MONTHLY (IN)	46	10.52	6.87	10.69	13.05	10.24	10.26	11.89	18.95	16.85	16.73	12.41	9.98	18.95
	YEAR OF OCCURRENCE		1979	1869	2010	2007	1989	2003	1889	2011	1882	2005	1972	1973	AUG 2011
	MINIMUM MONTHLY (IN)	146	0.58	0.46	0.80	0.95	0.30	0.02	0.44	0.18	0.21	0.14	0.34	0.25	0.02
	YEAR OF OCCURRENCE		1981	1895	2006	1881	1903	1949	1999	1995	1884	1963	1976	1955	JUN 1949
	MAXIMUM IN 24 HOURS (IN)	146	3.91	3.04	4.25	7.81	4.88	4.74	4.39	6.86	8.30	11.17	8.09	3.21	11.17
	YEAR OF OCCURRENCE		1979	1973	1876	2007	1968	1884	1997	2011	1882	1903	1977	1909	OCT 1903
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	10.4	9.2	10.9	11.5	11.1	11.2	10.4	9.5	8.7	8.9	9.6	10.6	122.0
	PRECIPITATION >= 1.00	30	0.9	0.9	1.0	1.2	1.1	1.0	1.4	1.3	1.3	1.4	1.2	1.2	13.9
SNOWFALL	NORMAL (IN)	30	7.0	9.2	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.8	25.8
	MAXIMUM MONTHLY (IN)	147	36.0	36.9	30.5	13.5	T	0.0	T	0.0	0.0	2.9	19.0	29.6	36.9
	YEAR OF OCCURRENCE		2011	2010	1896	1875	1995		1990			2011	1898	1947	FEB 2010
	MAXIMUM IN 24 HOURS (IN)	47	19.2	17.6	18.1	10.2	T	0.0	T	0.0	0.0	2.9	10.0	26.4	26.4
	YEAR OF OCCURRENCE'		1996	1983	1941	1915	1995		1990			2011	1898	1947	DEC 1947
	MAXIMUM SNOW DEPTH (IN)	139	23	22	19	9	0	0	0	0	0	0	5	20	23
	YEAR OF OCCURRENCE		2011	1994	2015	1982							1989	2010	JAN 2011
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	2.0	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	6.2

PRECIPITATION (inches) 2015 NEW YORK (KNYC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	4.23	2.86	1.46	3.93	1.68	1.86	5.56	4.24	2.20	1.92	6.85	6.16	42.95
1987	5.81	1.01	4.93	5.90	1.45	3.94	4.12	4.89	5.25	3.89	3.08	2.17	46.44
1988	3.64	3.91	2.10	2.20	5.27	1.29	8.14	2.19	2.34	3.56	8.90	1.13	44.67
1989	2.29	3.03	4.93	4.26	10.24	8.79	5.13	8.44	6.90	7.48	2.79	0.83	65.11
1990	5.34	2.33	3.64	5.12	9.10	2.50	3.51	12.36	2.24	6.38	2.82	5.58	60.92
1991	3.38	1.93	5.16	3.68	3.11	4.16	4.57	7.13	3.71	2.13	1.96	4.26	45.18
1992	1.68	1.87	4.08	1.76	4.02	4.77	4.49	3.49	4.89	1.16	5.64	5.50	43.35
1993	3.44	2.81	6.64	4.28	1.56	1.49	1.70	5.41	5.25	4.55	2.20	4.95	44.28
1994	5.62	3.44	6.33	2.42	4.26	3.21	3.86	6.33	3.33	1.35	4.34	2.90	47.39
1995	3.75	3.13	1.26	2.29	2.84	2.09	6.13	0.18	3.03	7.82	5.78	2.12	40.42
1996	5.64	2.59	3.81	6.33	2.64	5.71	5.76	1.87	4.97	7.52	2.87	6.48	56.19
1997	3.65	2.54	5.18	2.86	3.05	1.93	8.36	3.21	2.10	2.10	4.68	4.27	43.93
1998	5.20	5.81	5.08	7.05	6.94	5.94	1.09	2.78	3.44	2.76	1.48	1.12	48.69
1999	7.02	3.49	4.01	1.93	4.04	0.59	0.44	2.89	8.81	2.73	2.33	3.23	41.51
2000	3.23	1.66	3.34	3.53	4.50	4.87	7.28	3.82	5.82	0.67	3.54	3.19	45.45
2001	3.16	1.95	7.48	1.58	2.03	5.29	2.04	2.56	5.30	0.66	1.36	2.24	35.65
2002	1.93	0.71	3.54	3.41	3.69	4.48	1.05	4.91	5.16	7.20	5.06	4.06	45.20
2003	2.30	4.55	4.57	3.20	3.40	10.26	3.76	5.85	6.03	4.90	4.18	5.42	58.42
2004	2.13	2.68	2.99	4.11	5.76	3.02	7.64	3.02	11.51	1.15	4.21	3.71	51.93
2005	4.67	3.04	4.96	4.81	1.48	3.21	3.56	3.96	0.48	16.73	4.47	4.60	55.97
2006	4.99	2.88	0.80	5.56	4.62	8.55	6.16	6.08	3.69	7.07	7.34	2.15	59.89
2007	3.63	1.99	5.35	13.05	1.88	6.55	6.89	7.18	1.81	4.65	3.47	5.22	61.67
2008	2.85	5.95	4.08	2.77	4.01	4.70	2.84	5.58	7.05	3.62	3.54	6.62	53.61
2009	2.98	0.93	1.75	4.69	5.17	10.05	7.11	4.22	2.26	5.58	1.61	7.27	53.62
2010	2.08	6.69	10.69	2.99	3.01	2.20	2.60	4.14	3.67	4.91	2.15	4.24	49.37
2011	4.93	3.47	6.19	5.35	5.11	3.25	3.03	18.95	9.39	6.09	3.05	4.00	72.81
2012	3.23	1.37	0.96	3.56	5.38	2.97	4.21	2.91	4.39	2.92	1.81	4.80	38.51
2013	2.76	4.25	2.90	1.31	8.00	10.10	2.84	2.85	2.95	0.36	3.15	4.85	46.32
2014	2.79	5.48	3.67	7.85	4.37	4.26	5.59	2.25	1.21	5.77	4.51	6.04	53.79
2015	5.23	2.04	4.72	2.08	1.86	4.79	3.98	2.35	3.28	3.91	2.01	4.72	40.97
POR= 139 YRS	3.48	3.34	3.97	3.63	3.75	3.71	4.27	4.32	3.88	3.66	3.53	3.64	45.18

WBAN : 94728

AVERAGE TEMPERATURE (°F) 2015 NEW YORK (KNYC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	34.1	32.0	45.1	54.5	66.0	71.6	76.0	73.1	67.9	58.0	45.7	39.0	55.3
1987	32.3	33.2	45.2	53.4	63.6	72.8	78.0	74.2	67.7	53.8	47.7	39.5	55.1
1988	29.5	35.0	43.6	51.2	62.7	71.8	79.3	78.8	67.4	52.8	49.4	35.9	54.8
1989	37.4	34.5	42.4	52.2	62.1	72.0	75.0	74.0	68.1	58.2	45.7	25.9	54.0
1990	41.4	39.8	45.1	53.5	60.2	72.1	76.8	75.3	67.5	61.9	50.4	42.6	57.2
1991	34.9	40.0	44.6	55.7	68.7	74.1	77.7	77.1	67.5	58.4	48.3	39.6	57.2
1992	35.7	36.4	40.0	50.5	61.0	70.3	74.2	73.0	67.2	54.5	46.5	37.9	53.9
1993	36.3	30.8	39.7	53.3	65.7	73.3	80.2	77.2	67.3	56.0	48.8	37.3	55.5
1994	25.6	30.6	40.7	55.6	61.8	75.2	79.4	74.0	67.6	58.0	52.0	42.2	55.2
1995	37.5	31.6	45.0	51.9	61.9	71.8	79.2	78.6	68.3	61.6	43.6	32.4	55.3
1996	30.5	33.8	38.9	52.2	61.1	71.4	73.3	74.5	68.0	56.4	43.0	41.3	53.7
1997	32.2	40.0	41.9	51.7	59.4	70.9	75.8	73.3	67.0	56.7	44.5	38.3	54.3
1998	40.0	40.6	45.4	54.0	64.3	69.2	76.5	76.7	70.2	57.6	48.1	43.2	57.2
1999	33.9	38.9	42.5	53.5	63.1	73.2	81.4	75.5	69.1	56.0	50.8	40.0	56.5
2000	31.3	37.3	47.2	51.0	63.5	71.3	72.3	72.5	66.0	57.0	45.3	31.1	53.8
2001	33.7	35.9	39.6	54.0	63.6	73.0	73.2	78.7	67.7	58.5	52.7	44.1	56.2
2002	40.0	40.6	44.2	56.1	60.7	71.5	78.8	77.8	70.3	55.2	46.0	36.0	56.4
2003	27.5	30.1	43.1	49.8	58.7	68.4	75.8	76.7	68.0	55.1	50.0	37.6	53.4
2004	24.8	35.0	43.6	53.6	65.2	71.3	74.5	74.3	69.4	56.0	48.2	38.4	54.5
2005	31.3	36.6	39.5	55.2	58.9	74.0	77.6	79.7	73.3	57.9	49.7	35.3	55.8
2006	40.9	35.8	43.1	55.7	63.1	71.0	78.0	75.8	66.6	56.3	51.9	43.6	56.8
2007	37.5	28.3	42.2	50.3	65.3	71.4	75.0	74.0	70.3	63.6	45.5	37.0	55.0
2008	36.5	35.8	42.7	55.0	60.1	74.0	78.4	73.8	68.9	55.2	45.9	38.1	55.4
2009	28.0	36.7	42.4	54.5	62.5	67.5	72.7	75.7	66.3	55.0	51.2	35.9	54.0
2010	32.6	33.2	48.2	57.9	65.3	74.7	81.4	77.5	71.1	58.1	47.9	32.8	56.7
2011	29.7	36.1	42.3	54.3	64.5	72.3	80.3	75.3	70.0	57.1	51.9	43.3	56.4
2012	37.3	40.9	51.0	54.8	65.1	71.0	78.8	76.7	68.8	58.1	43.9	41.5	57.3
2013	35.1	33.9	40.1	53.0	62.8	72.7	79.8	74.6	67.9	60.2	45.3	38.5	55.3
2014	28.6	31.6	37.7	52.3	64.0	72.5	76.1	74.5	69.7	59.6	45.3	40.5	54.4
2015	29.9	23.9	38.1	54.3	68.5	71.2	78.8	79.0	74.5	58.0	52.8	50.8	56.7
POR= 140 YRS	31.9	31.0	40.5	50.3	62.1	69.6	76.3	74.6	66.7	57.1	45.5	36.1	53.5

HEATING DEGREE DAYS (base 65°F) 2015 NEW YORK (KNYC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1987-88	0	2	29	343	512	780	1093	867	656	409	133	31	4855
1988-89	3	0	23	385	459	896	844	849	696	376	143	14	4688
1989-90	0	1	54	217	572	1205	724	702	612	366	150	4	4607
1990-91	3	2	57	166	436	686	927	696	625	311	61	3	3973
1991-92	0	0	60	222	496	782	902	827	767	434	160	12	4662
1992-93	0	3	54	324	547	834	882	953	779	347	57	14	4794
1993-94	0	0	65	275	483	852	1215	958	749	282	142	0	5021
1994-95	0	0	18	212	388	700	846	931	614	386	130	2	4227
1995-96	0	0	31	146	637	1001	1065	894	801	389	183	8	5155
1996-97	0	0	46	263	656	726	1010	691	712	393	174	40	4711
1997-98	2	0	48	284	611	822	768	676	635	322	99	29	4296
1998-99	0	0	20	222	499	670	955	725	687	340	98	4	4220
1999-00	0	3	23	271	418	769	1038	795	544	411	118	31	4421
2000-01	0	0	81	256	586	1041	965	809	780	340	124	6	4988
2001-02	0	0	47	228	364	639	769	677	639	332	172	20	3887
2002-03	0	2	11	327	562	891	1156	972	671	462	195	47	5296
2003-04	0	0	18	299	450	843	1241	862	658	342	76	12	4801
2004-05	0	0	16	273	495	820	1035	789	782	300	194	9	4713
2005-06	1	0	6	249	453	915	739	813	674	279	113	19	4261
2006-07	0	0	33	279	383	655	845	1024	698	445	89	9	4460
2007-08	0	12	19	124	580	860	874	841	687	301	171	1	4470
2008-09	0	0	27	302	566	828	1139	785	690	350	119	29	4835
2009-10	0	0	37	310	407	894	1000	885	512	230	100	2	4377
2010-11	0	0	4	218	504	992	1087	804	695	326	94	2	4726
2011-12	0	0	22	255	385	665	851	693	433	318	78	15	3715
2012-13	0	0	22	222	627	719	919	864	763	354	138	9	4637
2013-	0	0	36	187	585	815							
2013-14	0	0	36	187	585	815	1120	927	842	377	73	0	4962
2014-15	0	0	22	179	584	751	1080	1143	826	319	37	33	4974
2015-	0	0	1	223	364	434							

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COOLING DEGREE DAYS (base 65°F) 2015 NEW YORK (KNYC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1986	0	0	5	4	127	214	348	269	120	27	0	0	1114
1987	0	0	0	5	110	251	406	295	118	0	2	0	1187
1988	0	0	0	0	66	243	455	435	104	12	0	0	1315
1989	0	0	4	0	61	231	313	287	151	10	0	0	1057
1990	0	0	4	25	8	225	375	328	140	77	4	0	1186
1991	0	0	0	38	182	280	403	382	142	24	1	0	1452
1992	0	0	0	5	46	174	292	256	127	8	0	0	908
1993	0	0	0	0	82	269	474	386	140	3	4	0	1358
1994	0	0	0	7	51	316	454	286	102	2	3	0	1221
1995	0	0	0	0	40	212	445	428	137	48	0	0	1310
1996	0	0	0	13	67	209	267	300	142	4	0	0	1002
1997	0	0	0	0	7	222	343	265	113	32	0	0	982
1998	0	0	36	0	89	162	366	368	184	1	0	2	1208
1999	0	0	0	3	46	258	517	336	152	3	0	0	1315
2000	0	0	0	0	81	227	234	240	117	12	0	0	911
2001	0	0	0	15	89	250	262	430	137	32	1	0	1216
2002	0	0	0	73	44	221	436	404	175	31	0	0	1384
2003	0	0	0	12	9	155	341	369	114	3	7	0	1010
2004	0	0	0	6	90	204	299	297	155	2	0	0	1053
2005	0	0	0	12	13	288	398	464	263	34	0	0	1472
2006	0	0	0	7	63	206	407	343	89	15	0	0	1130
2007	0	0	0	12	104	207	317	302	182	88	0	0	1212
2008	0	0	0	10	25	278	422	278	147	3	0	0	1163
2009	0	0	0	43	47	111	246	341	85	3	0	0	876
2010	0	0	0	22	117	298	516	392	193	11	0	0	1549
2011	0	0	0	13	87	230	480	325	179	17	0	0	1331
2012	0	0	4	20	91	201	433	369	144	15	0	0	1277
2013	0	0	0	2	77	245	464	305	132	46	0	1	1272
2014	0	0	0	4	50	232	351	301	170	20	0	0	1128
2015	0	0	0	5	154	228	437	441	293	15	5	3	1581

SNOWFALL (inches) 2015 NEW YORK (KNYC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1988-89	0.0	0.0	0.0	0.0	0.0	0.3	5.0	0.3	2.5	0.0	0.0	0.0	8.1
1989-90	0.0	0.0	0.0	0.0	4.7	1.4	1.8	1.8	3.1	0.6	0.0	0.0	13.4
1990-91	T	0.0	0.0	0.0	0.0	7.2	8.4	9.1	0.2	0.0	0.0	0.0	24.9
1991-92	0.0	0.0	0.0	0.0	T	0.7	1.5	1.0	9.4	T	0.0	0.0	12.6
1992-93	0.0	0.0	0.0	0.0	0.0	0.4	1.5	10.7	11.9	0.0	0.0	0.0	24.5
1993-94	0.0	0.0	0.0	0.0	T	6.9	12.0	26.4	8.1	0.0	0.0	0.0	53.4
1994-95	0.0	0.0	0.0	0.0	T	T	0.2	11.6	T	T	T	0.0	11.8
1995-96	0.0	0.0	0.0	0.0	2.9	11.5	26.1	21.2	13.2	0.7	0.0	0.0	75.6
1996-97	0.0	0.0	0.0	0.0	.1	T	4.4	3.8	1.7	T	0.0	0.0	10.0
1997-98	0.0	0.0	0.0	0.0	T	T	0.5	0.0	5.0	0.0	0.0	0.0	5.5
1998-99	0.0	0.0	0.0	0.0	0.0	2.0	4.5	1.7	4.5	0.0	0.0	0.0	12.7
1999-00	0.0	0.0	0.0	0.0	0.0	T	9.5	5.2	0.4	1.2	0.0	0.0	16.3
2000-01	0.0	0.0	0.0	T	0.0	13.4	8.3	9.5	3.8	0.0	0.0	0.0	35.0
2001-02	0.0	0.0	0.0	0.0	0.0	T	3.5	T	T	T	0.0	0.0	3.5
2002-03	0.0	0.0	0.0	T	T	11.0	4.7	26.1	3.5	4.0	0.0	0.0	49.3
2003-04	0.0	0.0	0.0	0.0	0.0	19.8	17.3	0.7	4.8	0.0	0.0	0.0	42.6
2004-05	0.0	0.0	0.0	0.0	T	3.0	15.3	15.8	6.9	0.0	0.0	0.0	41.0
2005-06	0.0	0.0	0.0	0.0	T	9.7	2.0	26.9	1.3	0.1	0.0	0.0	40.0
2006-07	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.8	6.0	T	0.0	0.0	12.4
2007-	0.0	0.0	0.0	0.0	T	2.9							
2007-08	0.0	0.0	0.0	0.0	T	2.9	T	9.0	T	0.0	0.0	0.0	11.9
2008-09	0.0	0.0	0.0	0.0	T	6.0	9.0	4.3	8.3	T	0.0	0.0	27.6
2009-10	0.0	0.0	0.0	0.0	0.0	12.4	2.1	36.9	T	0.0	0.0	0.0	51.4
2010-11	0.0	0.0	0.0	0.0	T	20.1	36.0	4.8	1.0	T	0.0	0.0	61.9
2011-12	0.0	0.0	0.0	2.9	0.0	0.0	4.3	0.2	0.0	0.0	0.0	0.0	7.4
2012-13	0.0	0.0	0.0	0.0	4.7	0.4	1.5	12.2	7.3	0.0	0.0	0.0	26.1
2013-	0.0	0.0	0.0	0.0	T	8.6							
2013-14	0.0	0.0	0.0	0.0	T	8.6	19.7	29.0	0.1	T	0.0	0.0	57.4
2014-15	0.0	0.0	0.0	0.0	0.2	1.0	16.9	13.6	18.6	0.0	0.0	0.0	50.3
2015-	0.0	0.0	0.0	0.0	0.0	T							
POR= 104 YRS	0.1	0.1	0.1	0.1	0.8	5.2	7.5	9.0	5.2	0.9	0.1	0.1	29.2

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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.
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
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.
GENERAL CONTINUED:
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.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED SATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:
http://www.ncdc.noaa.gov/homr/
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

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

2015
NEW YORK
NEW YORK (KNYC)

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, 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. 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 is reasonably uniform within the city but is higher in the northern and western suburbs and less on eastern Long Island. Annual snowfall totals also show a consistent increase to the north and west of the city with lesser amounts along the south shores and the eastern end of Long Island, reflecting the influence of the ocean waters.

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.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is November 11 and the average last occurrence in the spring is April 1.

Station History

NEW YORK, NY

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1980-12-31	1981-09-01	40° 46'	-73° 58'	132		COOP,USHCN
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1981-12-31	1995-06-27	40° 46'	-73° 58'	132		COOP,USHCN
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1962-12-01	1980-12-31	40° 46'	-73° 58'	132		COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK	1891-01-01	1911-07-01	40° 46'	-73° 58'	47		COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK	1911-07-01	1920-01-01	40° 46'	-73° 58'	44		COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1995-06-27	1995-11-01	40° 47'	-73° 58'	130		COOP,USHCN
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1995-11-01	2007-07-07	40° 47'	-73° 58'	130		ASOS,COOP,USHCN
NEW YORK CENTRAL PARK ARSNL BLD	1948-05-01	1948-12-31	40° 46'	-73° 58'	144		COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK ARSNL BLD	1951-07-01	1962-12-01	40° 46'	-73° 58'	132		COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	2007-07-07	Present	40° 46'	-73° 58'	130		ASOS,COOP,USHCN
NEW YORK CENTRAL PARK	1868-01-01	1869-01-01	40° 46'	-73° 58'	47		COOP,USHCN
NEW YORK CENTRAL PARK	1920-01-01	1948-05-01	40° 46'	-73° 58'	132	1 MI N	COOP,USHCN,WXSVC
NEW YORK CENTRAL PARK	1869-01-01	1891-01-01	40° 46'	-73° 58'	47		COOP,MILITARY,USHCN
NEW YORK CENTRAL PARK OBS BELVEDERE TOWER	1981-09-01	1981-12-31	40° 46'	-73° 58'	132		COOP,USHCN,WXSVC

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
TEMP	1951-07-01	1961-01-01	DAILY	2400			
PRECIP	1961-01-01	1992-01-01	HOURLY	2400			
TEMP	1995-06-27	1995-11-01	DAILY	2400	HYGR		
PRECIP	2006-09-18	Present	HOURLY	2400	TB	RCRD	
TEMP	2006-09-18	Present	DAILY	2400	HYGR		
TEMP	1869-01-01	1948-12-31	DAILY	2400			
PRECIP	1995-06-27	1995-11-01	DAILY	2400	TB	RCRD	
PRECIP	1995-11-01	2006-09-18	HOURLY	2400	TB	RCRD	
PRECIP	1951-07-01	1961-01-01	DAILY	2400			
TEMP	1961-01-01	1992-01-01	DAILY	2400			
PRECIP	1995-11-01	2006-09-18	DAILY	2400	TB	RCRD	
PRECIP	2006-09-18	Present	DAILY	2400	TB	RCRD	
WIND	2006-09-18	Present	HOURLY	UNKN	ANEMSONIC		
PRECIP	1992-01-01	1995-06-27	DAILY	2400	SRG		
PRECIP	1995-06-27	1995-11-01	HOURLY	2400	TB	RCRD	
PRECIP	1869-01-01	1948-12-31	DAILY	2400			
PRECIP	1961-01-01	1992-01-01	DAILY	2400			
TEMP	1992-01-01	1995-06-27	DAILY	2400	HYGR		
WIND	1995-11-01	2006-09-18	HOURLY	UNKN	ANEMCUP		
PRECIP	1992-01-01	1995-06-27	HOURLY	2400			
TEMP	1995-11-01	2006-09-18	DAILY	2400	HYGR		

* For explanation of codes and abbrevitions see Station Metadata link below.

Other Station Information can be found at:
ASOS Implementation by NWS: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

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Fax Number : (828) 271-4876
TDD : (828) 271-4010
Email : ncdc.orders@noaa.gov

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