

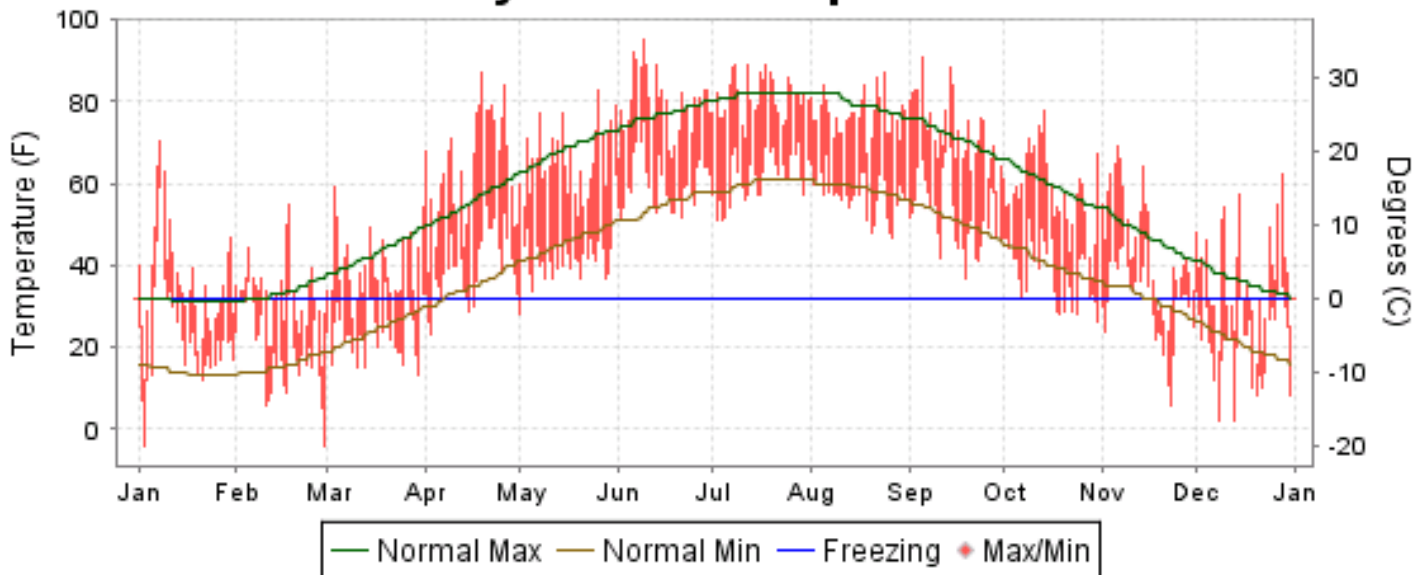


2008 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

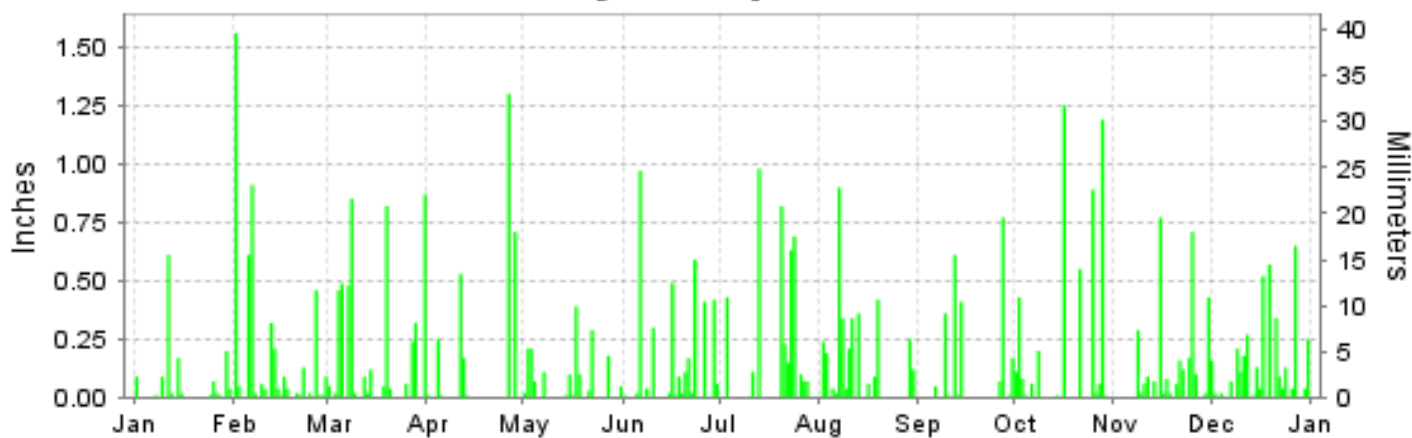
ISSN 0198-3679

SYRACUSE, NEW YORK (KSYR)

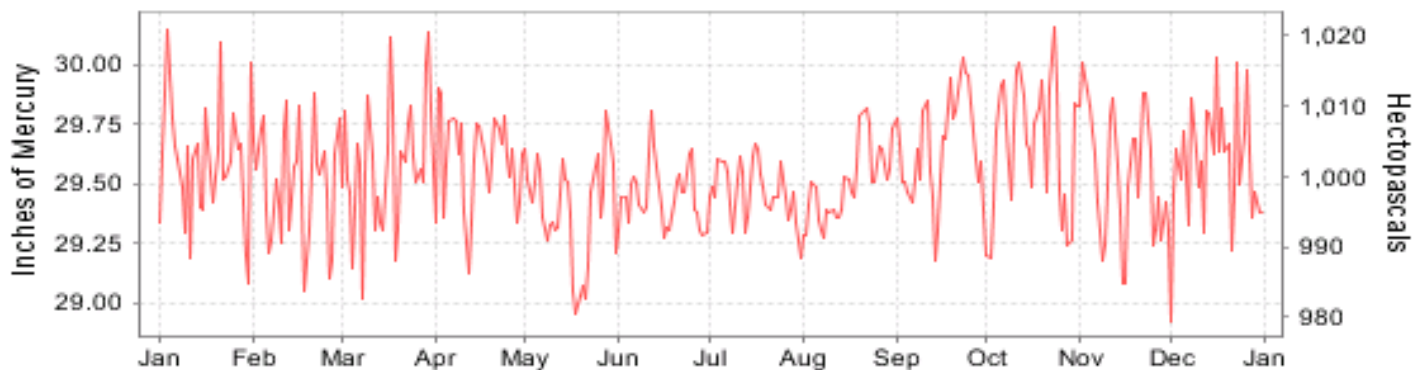
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2008

SYRACUSE (KSYR)

LATITUDE: 43° 6' N LONGITUDE: -76° 6' W ELEVATION (FT): GRND: 410 BARO: 417 TIME ZONE: EASTERN (UTC -5) WBAN: 14771

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 36.5 | 32.7 | 39.7 | 63.8 | 65.6 | 79.6 | 81.2 | 76.8 | 72.9 | 58.3 | 45.3 | 36.8 | 57.4 | |
| | HIGHEST DAILY MAXIMUM | 70 | 55 | 59 | 87 | 83 | 95 | 89 | 87 | 91 | 78 | 69 | 62 | 95 | |
| | DATE OF OCCURRENCE | 08 | 18 | 03 | 19 | 26 | 09 | 18+ | 24 | 05 | 14 | 06 | 28 | JUN 09 | |
| | MEAN DAILY MINIMUM | 22.5 | 18.8 | 23.5 | 39.4 | 41.7 | 59.9 | 61.4 | 57.1 | 52.5 | 38.3 | 31.1 | 20.9 | 38.9 | |
| | LOWEST DAILY MINIMUM | -4 | -4 | 13 | 23 | 28 | 52 | 51 | 47 | 37 | 26 | 6 | 2 | -4 | |
| | DATE OF OCCURRENCE | 03 | 29 | 30 | 03 | 01 | 21+ | 04+ | 27 | 19 | 31 | 23 | 13+ | FEB 29 | |
| | AVERAGE DRY BULB | 29.5 | 25.8 | 31.6 | 51.6 | 53.7 | 69.8 | 71.3 | 67.0 | 62.7 | 48.3 | 38.2 | 28.9 | 48.2 | |
| | MEAN WET BULB | 26.8 | 23.9 | 28.5 | 43.9 | 47.7 | 62.8 | 65.2 | 61.7 | 58.1 | 44.3 | 35.7 | 26.5 | 43.8 | |
| | MEAN DEW POINT | 20.8 | 19.0 | 22.0 | 34.4 | 40.8 | 58.5 | 61.3 | 58.6 | 54.9 | 40.0 | 32.3 | 22.0 | 38.7 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | |
| MAXIMUM <= 32° | 13 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 6 | 15 | 54 | | |
| MINIMUM <= 32° | 26 | 27 | 29 | 6 | 1 | 0 | 0 | 0 | 0 | 9 | 15 | 28 | 141 | | |
| MINIMUM <= 0° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | | |
| H/C | HEATING DEGREE DAYS | 1092 | 1130 | 1026 | 399 | 350 | 18 | 2 | 25 | 126 | 509 | 797 | 1113 | 6587 | |
| | COOLING DEGREE DAYS | 0 | 0 | 0 | 8 | 6 | 166 | 204 | 91 | 66 | 0 | 0 | 0 | 541 | |
| RH | MEAN (PERCENT) | 70 | 76 | 69 | 57 | 64 | 70 | 71 | 77 | 79 | 76 | 80 | 76 | 72 | |
| | HOUR 01 LST | 74 | 78 | 76 | 70 | 79 | 83 | 83 | 90 | 89 | 88 | 84 | 76 | 81 | |
| | HOUR 07 LST | 76 | 82 | 76 | 64 | 67 | 72 | 73 | 82 | 84 | 87 | 87 | 79 | 77 | |
| | HOUR 13 LST | 62 | 70 | 58 | 42 | 46 | 54 | 59 | 59 | 62 | 56 | 70 | 71 | 59 | |
| | HOUR 19 LST | 71 | 76 | 68 | 53 | 62 | 72 | 71 | 77 | 80 | 77 | 82 | 76 | 72 | |
| S | PERCENT POSSIBLE SUNSHINE | 33 | 26 | 44 | 67 | | 53 | | | 54 | 55 | 26 | 19 | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 1 | 3 | 10 | |
| | THUNDERSTORMS | 0 | 1 | 0 | 2 | 2 | 11 | 7 | 9 | 1 | 1 | 0 | 1 | 35 | |
| 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.) | 29.60 | 29.51 | 29.59 | 29.60 | 29.39 | 29.45 | 29.47 | 29.50 | 29.65 | 29.67 | 29.54 | 29.58 | 29.55 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.07 | 29.97 | 30.05 | 30.05 | 29.84 | 29.88 | 29.90 | 29.94 | 30.10 | 30.11 | 30.00 | 30.05 | 30.00 | |
| WINDS | RESULTANT SPEED (MPH) | 5.0 | 4.0 | 4.1 | 0.9 | 3.1 | 3.4 | 3.1 | 2.6 | 1.4 | 3.4 | 2.8 | 5.0 | 3.1 | |
| | RES. DIR. (TENS OF DEGS.) | 27 | 28 | 30 | 25 | 29 | 28 | 26 | 30 | 28 | 30 | 26 | 27 | 28 | |
| | MEAN SPEED (MPH) | 9.8 | 9.3 | 9.1 | 8.4 | 7.8 | 6.9 | 5.9 | 5.8 | 5.7 | 6.9 | 7.4 | 10.7 | 7.8 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 28 | 28 | 31 | 11 | 29 | 28 | 27 | 28 | 35 | 31 | 27 | 29 | 28 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 47 | 38 | 36 | 43 | 28 | 35 | 26 | 32 | 46 | 31 | 33 | 44 | 47 | |
| | DIR. (TENS OF DEGS.) | 28 | 28 | 29 | 29 | 29 | 27 | 29 | 35 | 28 | 31 | 27 | 28 | 28 | |
| | DATE OF OCCURRENCE | 09 | 10 | 08 | 01 | 19 | 21 | 24 | 07 | 15 | 28 | 16 | 25 | JAN 09 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 59 | 54 | 51 | 53 | 45 | 47 | 40 | 48 | 59 | 52 | 43 | 53 | 59 | |
| DIR. (TENS OF DEGS.) | 29 | 19 | 32 | 29 | 26 | 32 | 15 | 36 | 28 | 06 | 26 | 29 | 28 | | |
| DATE OF OCCURRENCE | 09 | 17 | 20 | 01 | 07 | 23 | 13 | 07 | 15 | 28 | 16 | 24 | SEP 15 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 1.36 | 4.71 | 5.00 | 2.99 | 1.78 | 3.75 | 4.28 | 3.62 | 2.47 | 4.87 | 3.19 | 3.89 | 41.91 | |
| | GREATEST 24-HOUR (IN.) | 2.49 | 1.60 | 1.11 | 1.30 | 0.43 | 0.99 | 0.98 | 0.95 | 0.84 | 1.25 | 0.83 | 0.67 | 2.49 | |
| | DATE OF OCCURRENCE | 17 | 01-02 | 07-08 | 26 | 17-18 | 05-06 | 13 | 07-08 | 26-27 | 16 | 24-25 | 26-27 | JAN 17 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION 0.01 | 13 | 21 | 17 | 8 | 14 | 17 | 11 | 15 | 10 | 14 | 17 | 21 | 178 | |
| PRECIPITATION 0.10 | 3 | 7 | 9 | 5 | 8 | 8 | 9 | 10 | 4 | 7 | 8 | 12 | 90 | | |
| PRECIPITATION 1.00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 10.1 | 29.5 | 12.9 | T | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.6 | 16.1 | 57.3 | 126.5 | |
| | GREATEST 24-HOUR (IN.) | 4.4 | 5.4 | 4.4 | T | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.6 | 9.1 | 13.5 | 13.5 | |
| | DATE OF OCCURRENCE | 25 | 26 | 09 | 30+ | | 16 | | 07 | | 28 | 21-22 | 22 | DEC 22 | |
| | MAXIMUM SNOW DEPTH (IN.) | 5 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | T | 9 | 20 | 20 | |
| | DATE OF OCCURRENCE | 25 | 16 | 02 | | | | | | | 29 | 22 | 23 | DEC 23 | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | 2 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 12 | 32 | | |

NORMALS, MEANS, AND EXTREMES SYRACUSE (KSYR)

LATITUDE:
43 ° 6 'N

LONGITUDE:
-76 ° 6 'W

ELEVATION (FT):
GRND: 410 BARO: 417

TIME ZONE:
EASTERN (UTC -5)

WBAN: 14771

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|----------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 31.4 | 33.5 | 43.1 | 55.7 | 68.5 | 77.0 | 81.7 | 79.6 | 71.4 | 59.8 | 47.4 | 36.3 | 57.1 |
| | MEAN DAILY MAXIMUM | 87 | 31.7 | 32.3 | 42.0 | 55.2 | 67.9 | 76.5 | 81.6 | 79.8 | 71.6 | 60.6 | 47.6 | 35.9 | 56.9 |
| | HIGHEST DAILY MAXIMUM | 58 | 70 | 69 | 87 | 92 | 96 | 98 | 98 | 101 | 97 | 87 | 81 | 72 | 101 |
| | YEAR OF OCCURRENCE | | 2008 | 1981 | 1986 | 1990 | 1977 | 1953 | 2002 | 2002 | 1953 | 1963 | 1950 | 2001 | AUG 2002 |
| | MEAN OF EXTREME MAXS. | 87 | 54.3 | 53.4 | 67.8 | 79.3 | 85.8 | 91.1 | 92.4 | 91.3 | 87.5 | 79.4 | 68.7 | 57.8 | 75.7 |
| | NORMAL DAILY MINIMUM | 30 | 14.0 | 15.5 | 24.2 | 34.9 | 45.8 | 54.6 | 60.1 | 58.8 | 51.1 | 40.4 | 32.0 | 20.9 | 37.7 |
| | MEAN DAILY MINIMUM | 87 | 16.0 | 16.3 | 25.2 | 35.8 | 46.4 | 55.4 | 60.9 | 59.4 | 51.6 | 41.7 | 32.9 | 21.8 | 38.6 |
| | LOWEST DAILY MINIMUM | 58 | -26 | -26 | -16 | 9 | 25 | 35 | 45 | 40 | 28 | 19 | 5 | -22 | -26 |
| | YEAR OF OCCURRENCE | | 1966 | 1979 | 1950 | 1972 | 1966 | 1966 | 1976 | 1965 | 1991 | 1976 | 1976 | 1980 | FEB 1979 |
| | MEAN OF EXTREME MINS. | 87 | -7.4 | -4.9 | 5.1 | 22.3 | 32.9 | 42.1 | 49.8 | 46.8 | 36.7 | 27.3 | 17.1 | -0.2 | 22.3 |
| | NORMAL DRY BULB | 30 | 22.7 | 24.5 | 33.6 | 45.3 | 57.1 | 65.8 | 70.9 | 69.2 | 61.3 | 50.1 | 39.7 | 28.6 | 47.4 |
| | MEAN DRY BULB | 87 | 23.9 | 24.3 | 33.6 | 45.5 | 57.2 | 66.1 | 71.3 | 69.7 | 61.7 | 51.2 | 40.3 | 28.9 | 47.8 |
| | MEAN WET BULB | 25 | 22.2 | 22.8 | 29.0 | 40.4 | 50.7 | 60.1 | 64.4 | 63.3 | 56.9 | 46.0 | 36.7 | 27.0 | 43.3 |
| | MEAN DEW POINT | 25 | 18.4 | 18.4 | 24.1 | 35.1 | 46.4 | 56.5 | 61.3 | 60.4 | 54.1 | 42.6 | 33.0 | 23.5 | 39.5 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.0 | * | 0.4 | 1.5 | 3.9 | 1.7 | 0.3 | 0.0 | 0.0 | 0.0 | 7.8 |
| | MAXIMUM <= 32 | 30 | 16.5 | 13.5 | 5.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 10.3 | 47.9 |
| MINIMUM <= 32 | 30 | 28.2 | 25.1 | 23.4 | 11.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.2 | 5.0 | 15.3 | 26.0 | 134.9 | |
| MINIMUM <= 0 | 30 | 4.2 | 2.8 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 9.1 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 1296 | 1131 | 959 | 579 | 258 | 66 | 10 | 25 | 158 | 460 | 748 | 1113 | 6803 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 1 | 4 | 29 | 105 | 203 | 158 | 48 | 3 | 0 | 0 | 551 |
| RH | NORMAL (PERCENT) | 30 | 75 | 72 | 69 | 66 | 68 | 71 | 72 | 75 | 77 | 75 | 76 | 77 | 73 |
| | HOURLY 01 LST | 30 | 77 | 76 | 76 | 75 | 79 | 83 | 84 | 87 | 87 | 83 | 80 | 79 | 81 |
| | HOURLY 07 LST | 30 | 78 | 79 | 79 | 76 | 77 | 79 | 81 | 87 | 88 | 85 | 82 | 81 | 81 |
| | HOURLY 13 LST | 30 | 68 | 64 | 60 | 54 | 55 | 57 | 56 | 59 | 62 | 61 | 68 | 71 | 61 |
| | HOURLY 19 LST | 30 | 75 | 72 | 67 | 60 | 60 | 63 | 63 | 70 | 76 | 75 | 76 | 78 | 70 |
| S | PERCENT POSSIBLE SUNSHINE | 56 | 35 | 39 | 46 | 49 | 54 | 59 | 63 | 58 | 53 | 44 | 27 | 26 | 46 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 45 | 0.8 | 0.9 | 0.9 | 0.5 | 0.6 | 0.4 | 0.5 | 0.8 | 0.9 | 1.0 | 0.8 | 0.9 | 9.0 |
| | THUNDERSTORMS | 63 | 0.2 | 0.2 | 0.7 | 1.8 | 3.4 | 5.1 | 6.3 | 5.2 | 2.5 | 0.9 | 0.5 | 0.1 | 26.9 |
| CLOUDNESS | MEAN: SUNRISE-SUNSET (OKTAS) | | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | | | | | | | | | | | | | | |
| | MEAN NO. DAYS WITH: CLEAR | | | | | | | | | | | | | | |
| | PARTLY CLOUDY CLOUDY | 1 | 3.0 | 5.0 | 11.0 | | 9.0 | 6.0 | | | | | | | |
| PR | MEAN STATION PRESSURE(IN) | 25 | 29.56 | 29.60 | 29.59 | 29.53 | 29.53 | 29.52 | 29.53 | 29.58 | 29.61 | 29.62 | 29.60 | 29.60 | 29.57 |
| | MEAN SEA-LEVEL PRES. (IN) | 25 | 30.05 | 30.08 | 30.04 | 29.97 | 29.97 | 29.95 | 29.96 | 30.01 | 30.05 | 30.06 | 30.05 | 30.06 | 30.02 |
| WINDS | MEAN SPEED (MPH) | 25 | 9.9 | 9.7 | 9.7 | 9.1 | 8.1 | 7.4 | 6.9 | 6.4 | 7.1 | 7.7 | 9.3 | 9.6 | 8.4 |
| | PREVAIL.DIR(TENS OF DEGS) | 32 | 26 | 27 | 28 | 30 | 29 | 28 | 27 | 26 | 10 | 26 | 26 | 26 | 26 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 15 | 47 | 52 | 43 | 43 | 43 | 36 | 54 | 38 | 59 | 43 | 53 | 48 | 59 |
| | DIR. (TENS OF DEGS) | | 28 | 26 | 25 | 29 | 29 | 33 | 28 | 30 | 32 | 27 | 23 | 25 | 32 |
| | YEAR OF OCCURRENCE | | 2008 | 2006 | 1996 | 2008 | 1998 | 2007 | 1999 | 2007 | 1998 | 2003 | 2005 | 2000 | SEP 1998 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 15 | 59 | 64 | 51 | 59 | 56 | 52 | 66 | 56 | 77 | 54 | 69 | 62 | 77 |
| | DIR. (TENS OF DEGS) | | 29 | 26 | 32 | 33 | 28 | 33 | 28 | 23 | 32 | 27 | 24 | 25 | 32 |
| | YEAR OF OCCURRENCE | | 2008 | 2006 | 2008 | 2007 | 1998 | 2007 | 1999 | 2001 | 1998 | 2003 | 2005 | 2000 | SEP 1998 |
| PRECIPITATION | NORMAL (IN) | 30 | 2.60 | 2.12 | 3.02 | 3.39 | 3.39 | 3.71 | 4.02 | 3.56 | 4.15 | 3.20 | 3.77 | 3.12 | 40.05 |
| | MAXIMUM MONTHLY (IN) | 58 | 5.77 | 5.38 | 6.84 | 8.12 | 7.82 | 12.30 | 10.12 | 8.41 | 8.81 | 8.29 | 6.79 | 5.50 | 12.30 |
| | YEAR OF OCCURRENCE | | 1978 | 1951 | 1955 | 1976 | 2004 | 1972 | 2006 | 1956 | 1975 | 1955 | 1972 | 1983 | JUN 1972 |
| | MINIMUM MONTHLY (IN) | 58 | 1.02 | 0.63 | 1.01 | 1.22 | .59 | 1.10 | 0.90 | 1.02 | 0.75 | 0.21 | 1.25 | 1.40 | 0.21 |
| | YEAR OF OCCURRENCE | | 1970 | 1987 | 1981 | 1985 | 2005 | 1962 | 1969 | 1999 | 1964 | 1963 | 1978 | 1999 | OCT 1963 |
| | MAXIMUM IN 24 HOURS (IN) | 58 | 2.49 | 1.99 | 1.77 | 2.85 | 3.13 | 3.88 | 4.29 | 4.27 | 4.14 | 3.60 | 2.09 | 2.18 | 4.29 |
| | YEAR OF OCCURRENCE | | 2008 | 1961 | 1993 | 1976 | 1969 | 1972 | 2006 | 1954 | 1975 | 1955 | 1996 | 1952 | JUL 2006 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 19.7 | 15.5 | 16.5 | 14.0 | 12.7 | 12.2 | 11.3 | 11.1 | 12.6 | 13.2 | 16.8 | 18.3 | 173.9 |
| | PRECIPITATION >= 1.00 | 30 | 0.2 | 0.2 | 0.2 | 0.5 | 0.4 | 0.7 | 1.0 | 0.7 | 0.9 | 0.7 | 0.4 | 0.4 | 6.3 |
| SNOWFALL | NORMAL (IN) | 30 | 31.5 | 20.1 | 18.1 | 4.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.* | 0.5 | 10.7 | 26.1 | 111.9 |
| | MAXIMUM MONTHLY (IN) | 58 | 78.1 | 72.6 | 54.4 | 16.4 | 2.1 | T | T | T | T | 5.7 | 25.9 | 70.3 | 78.1 |
| | YEAR OF OCCURRENCE | | 2004 | 1958 | 1993 | 1983 | 1996 | 1992 | 2006 | 2008 | 1992 | 1988 | 1976 | 2000 | JAN 2004 |
| | MAXIMUM IN 24 HOURS (IN) | 58 | 24.5 | 21.4 | 35.6 | 7.1 | 2.1 | T | T | T | T | 2.9 | 12.1 | 19.6 | 35.6 |
| | YEAR OF OCCURRENCE | | 1966 | 1961 | 1993 | 1975 | 1996 | 1992 | 1992 | 2008 | 1992 | 1988 | 1973 | 2003 | MAR 1993 |
| | MAXIMUM SNOW DEPTH (IN) | 58 | 39 | 48 | 25 | 8 | 1 | 0 | 0 | 0 | 0 | 2 | 14 | 23 | 48 |
| | YEAR OF OCCURRENCE | | 1966 | 1966 | 1971 | 1975 | 1996 | | | | | 1965 | 1973 | 1969 | FEB 1966 |
| | NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 30 | 9.2 | 5.1 | 4.8 | 1.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 2.9 | 7.1 | 31.0 |

PRECIPITATION (inches) 2008 SYRACUSE (KSYR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|-------|------|------|------|------|------|--------|
| 1979 | 4.70 | 2.54 | 2.73 | 3.89 | 3.07 | 2.33 | 2.33 | 3.69 | 5.25 | 2.91 | 3.25 | 1.84 | 38.53 |
| 1980 | 1.47 | 1.38 | 4.34 | 3.33 | 1.34 | 4.45 | 2.57 | 1.33 | 3.40 | 2.56 | 2.64 | 3.27 | 32.08 |
| 1981 | 1.34 | 2.72 | 1.01 | 2.04 | 2.61 | 1.89 | 2.68 | 2.63 | 5.58 | 6.66 | 3.09 | 2.96 | 35.21 |
| 1982 | 3.59 | 1.26 | 2.63 | 1.71 | 2.87 | 4.64 | 3.83 | 2.60 | 4.22 | 0.72 | 4.52 | 2.55 | 35.14 |
| 1983 | 1.92 | 1.07 | 2.30 | 6.34 | 3.33 | 1.50 | 2.31 | 2.80 | 2.98 | 1.98 | 4.30 | 5.50 | 36.33 |
| 1984 | 1.30 | 2.88 | 2.39 | 3.16 | 4.97 | 2.02 | 3.66 | 5.17 | 2.61 | 1.95 | 3.48 | 4.38 | 37.97 |
| 1985 | 2.49 | 1.55 | 2.61 | 1.22 | 3.39 | 2.80 | 2.75 | 1.44 | 3.88 | 3.39 | 5.18 | 1.80 | 32.50 |
| 1986 | 2.41 | 2.27 | 2.82 | 3.42 | 2.67 | 4.89 | 5.23 | 3.36 | 5.47 | 3.32 | 3.74 | 3.33 | 42.93 |
| 1987 | 3.03 | 0.63 | 1.86 | 3.31 | 1.41 | 5.04 | 2.16 | 2.12 | 5.99 | 3.13 | 3.02 | 1.99 | 33.69 |
| 1988 | 1.50 | 2.13 | 1.79 | 2.70 | 3.05 | 2.46 | 5.72 | 3.77 | 1.88 | 3.57 | 3.95 | 1.92 | 34.44 |
| 1989 | 1.06 | 1.71 | 3.13 | 1.52 | 4.27 | 5.41 | 2.20 | 2.68 | 5.96 | 4.08 | 2.78 | 2.13 | 36.93 |
| 1990 | 2.13 | 3.95 | 3.70 | 4.09 | 5.62 | 2.92 | 3.72 | 5.33 | 3.45 | 6.09 | 3.23 | 5.24 | 49.47 |
| 1991 | 2.44 | 1.54 | 4.07 | 3.90 | 3.90 | 1.67 | 2.86 | 4.03 | 4.20 | 2.62 | 2.72 | 3.10 | 37.05 |
| 1992 | 2.62 | 2.46 | 3.80 | 3.54 | 5.21 | 1.78 | 8.00 | 2.64 | 4.55 | 2.69 | 3.75 | 2.57 | 43.61 |
| 1993 | 3.08 | 2.45 | 3.75 | 6.55 | 2.25 | 2.93 | 4.76 | 4.71 | 3.83 | 2.91 | 3.19 | 3.20 | 43.61 |
| 1994 | 3.37 | 1.92 | 5.14 | 3.62 | 3.02 | 2.38 | 2.64 | 5.19 | 2.43 | 1.61 | 3.50 | 2.52 | 37.34 |
| 1995 | 1.80 | 2.19 | 1.31 | 1.88 | 1.70 | 1.00 | 1.98 | 3.50 | 2.53 | 6.57 | 4.83 | 2.05 | 31.34 |
| 1996 | 3.35 | 1.25 | 1.74 | 4.28 | 3.02 | 3.05 | 4.24 | 1.71 | 4.38 | 2.14 | 5.78 | 4.45 | 39.39 |
| 1997 | 1.46 | 2.25 | 3.57 | 1.77 | 2.43 | 1.64 | 2.78 | 4.06 | 2.75 | 1.50 | 4.28 | 4.13 | 32.62 |
| 1998 | 4.76 | 3.14 | 2.94 | 2.09 | 2.37 | 4.62 | 3.63 | 4.77 | 2.41 | 2.53 | 2.06 | 1.74 | 37.06 |
| 1999 | 5.33 | 1.43 | 3.53 | 1.75 | 0.81 | 1.78 | 2.55 | 1.02 | 5.35 | 2.77 | 3.16 | 1.40 | 30.88 |
| 2000 | 2.80 | 2.46 | 2.37 | 4.24 | 4.75 | 4.46 | 2.73 | 2.48 | 3.13 | 2.25 | 2.98 | 2.36 | 37.01 |
| 2001 | 1.57 | 1.77 | 5.38 | 1.53 | 2.24 | 3.58 | 2.08 | 4.84 | 4.05 | 2.15 | 2.92 | 2.19 | 34.30 |
| 2002 | 2.13 | 1.44 | 2.75 | 4.38 | 5.77 | 5.35 | 1.75 | 2.71 | 3.55 | 3.98 | 3.61 | 2.84 | 40.26 |
| 2003 | 1.44 | 2.58 | 2.89 | 2.61 | 5.27 | 2.83 | 3.30 | 3.03 | 3.14 | 4.27 | 3.14 | 3.10 | 37.60 |
| 2004 | 1.86 | 1.12 | 2.04 | 3.72 | 7.82 | 2.42 | 6.95 | 5.09 | 3.23 | 2.28 | 2.81 | 3.80 | 43.14 |
| 2005 | 2.96 | 1.57 | 1.39 | 5.71 | 0.59 | 1.95 | 4.61 | 5.95 | 1.75 | 6.40 | 4.66 | 2.56 | 40.10 |
| 2006 | 2.96 | 1.66 | 1.86 | 3.93 | 2.25 | 5.09 | 10.12 | 3.21 | 4.04 | 5.70 | 2.62 | 3.76 | 47.20 |
| 2007 | 4.20 | 2.49 | 4.16 | 4.42 | 0.86 | 3.67 | 3.61 | 1.76 | 3.20 | 4.02 | 4.17 | 5.04 | 41.60 |
| 2008 | 1.36 | 4.71 | 5.00 | 2.99 | 1.78 | 3.75 | 4.28 | 3.62 | 2.47 | 4.87 | 3.19 | 3.89 | 41.91 |
| POR= 87 YRS | 2.71 | 2.46 | 3.10 | 3.26 | 3.10 | 3.47 | 3.60 | 3.44 | 3.28 | 3.20 | 3.36 | 3.06 | 38.04 |

WBAN : 14771

AVERAGE TEMPERATURE (°F) 2008 SYRACUSE (KSYR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1979 | 22.4 | 12.9 | 39.1 | 45.1 | 58.6 | 66.0 | 71.7 | 67.9 | 61.4 | 50.9 | 44.5 | 33.4 | 47.8 |
| 1980 | 25.6 | 19.8 | 32.4 | 47.8 | 59.8 | 63.0 | 72.5 | 73.8 | 63.4 | 48.8 | 37.6 | 22.6 | 47.3 |
| 1981 | 15.0 | 33.7 | 36.4 | 50.0 | 59.2 | 68.0 | 73.3 | 70.4 | 61.6 | 47.9 | 39.0 | 29.0 | 48.6 |
| 1982 | 14.8 | 25.1 | 33.2 | 43.9 | 59.4 | 63.1 | 70.4 | 65.3 | 60.6 | 50.4 | 43.9 | 34.1 | 47.0 |
| 1983 | 23.4 | 26.4 | 35.7 | 44.3 | 53.7 | 66.7 | 72.0 | 69.0 | 62.5 | 50.3 | 39.0 | 22.5 | 47.1 |
| 1984 | 18.7 | 32.0 | 24.5 | 46.0 | 52.4 | 65.4 | 68.0 | 68.8 | 57.7 | 52.2 | 38.3 | 33.5 | 46.5 |
| 1985 | 22.0 | 27.3 | 36.3 | 47.8 | 59.5 | 62.0 | 69.8 | 68.9 | 63.5 | 51.4 | 41.2 | 26.0 | 48.0 |
| 1986 | 23.9 | 23.4 | 37.4 | 49.2 | 61.0 | 64.3 | 71.0 | 66.8 | 60.5 | 49.7 | 36.8 | 31.6 | 48.0 |
| 1987 | 23.8 | 21.4 | 38.0 | 51.9 | 60.3 | 68.3 | 73.6 | 68.5 | 61.1 | 47.7 | 40.9 | 32.3 | 49.0 |
| 1988 | 23.1 | 24.6 | 34.4 | 45.7 | 59.7 | 64.1 | 74.0 | 71.8 | 60.8 | 46.6 | 43.0 | 27.8 | 48.0 |
| 1989 | 28.6 | 22.7 | 32.9 | 43.5 | 58.2 | 67.3 | 71.1 | 68.2 | 61.8 | 51.7 | 38.8 | 14.7 | 46.6 |
| 1990 | 33.2 | 29.0 | 37.5 | 49.3 | 54.5 | 67.3 | 71.8 | 70.3 | 61.2 | 52.8 | 42.2 | 33.5 | 50.2 |
| 1991 | 24.3 | 29.8 | 37.7 | 51.0 | 62.8 | 68.4 | 72.4 | 71.8 | 60.5 | 53.1 | 40.0 | 30.7 | 50.2 |
| 1992 | 24.7 | 26.5 | 29.3 | 44.4 | 57.5 | 64.0 | 67.3 | 67.5 | 61.3 | 46.6 | 39.7 | 31.0 | 46.7 |
| 1993 | 27.5 | 17.0 | 30.1 | 46.9 | 58.0 | 65.2 | 72.5 | 70.7 | 60.0 | 48.2 | 38.6 | 26.9 | 46.8 |
| 1994 | 12.7 | 19.2 | 30.8 | 47.9 | 54.1 | 68.0 | 72.9 | 67.5 | 60.9 | 50.6 | 44.0 | 31.9 | 46.7 |
| 1995 | 30.4 | 20.7 | 37.4 | 42.4 | 56.9 | 69.4 | 73.4 | 71.8 | 59.1 | 54.7 | 35.3 | 24.2 | 48.0 |
| 1996 | 21.5 | 24.6 | 29.8 | 43.2 | 55.0 | 68.2 | 69.4 | 70.3 | 63.1 | 50.7 | 34.7 | 34.9 | 47.1 |
| 1997 | 23.9 | 30.4 | 33.6 | 44.2 | 52.2 | 67.9 | 69.8 | 68.4 | 60.1 | 49.1 | 37.2 | 30.4 | 47.3 |
| 1998 | 29.6 | 31.2 | 37.9 | 48.1 | 62.9 | 66.3 | 70.1 | 71.1 | 64.0 | 51.9 | 41.7 | 35.4 | 50.9 |
| 1999 | 22.5 | 29.6 | 31.5 | 46.5 | 60.7 | 69.8 | 75.0 | 68.9 | 64.8 | 49.5 | 44.3 | 30.9 | 49.5 |
| 2000 | 21.3 | 28.8 | 40.1 | 44.3 | 59.1 | 65.6 | 67.0 | 68.2 | 60.7 | 50.9 | 38.5 | 21.7 | 47.2 |
| 2001 | 25.6 | 27.6 | 29.9 | 47.8 | 59.3 | 67.2 | 69.4 | 73.7 | 62.3 | 53.3 | 47.3 | 36.8 | 50.0 |
| 2002 | 32.9 | 32.3 | 36.3 | 48.5 | 54.1 | 68.0 | 73.7 | 73.0 | 66.9 | 50.4 | 40.7 | 28.7 | 50.5 |
| 2003 | 18.9 | 21.6 | 34.2 | 43.8 | 56.1 | 64.6 | 71.2 | 71.5 | 63.3 | 48.6 | 42.2 | 30.0 | 47.2 |
| 2004 | 14.7 | 23.5 | 37.5 | 46.1 | 60.3 | 63.8 | 69.5 | 68.7 | 65.0 | 51.5 | 41.0 | 29.1 | 47.6 |
| 2005 | 21.0 | 25.7 | 30.7 | 48.3 | 54.2 | 72.7 | 74.7 | 73.8 | 65.4 | 52.1 | 44.0 | 26.2 | 49.1 |
| 2006 | 33.5 | 27.2 | 34.1 | 47.8 | 58.2 | 67.2 | 74.2 | 69.3 | 60.8 | 49.3 | 44.7 | 37.4 | 50.3 |
| 2007 | 27.3 | 18.5 | 31.6 | 43.8 | 58.6 | 68.4 | 69.8 | 70.9 | 65.4 | 58.0 | 37.9 | 27.9 | 48.2 |
| 2008 | 29.5 | 25.8 | 31.6 | 51.6 | 53.7 | 69.8 | 71.3 | 67.0 | 62.7 | 48.3 | 38.2 | 28.9 | 48.2 |
| POR= 87 YRS | 23.9 | 24.3 | 33.6 | 45.5 | 57.2 | 66.1 | 71.3 | 69.7 | 61.7 | 51.2 | 40.3 | 28.9 | 47.8 |

HEATING DEGREE DAYS (base 65°F) 2008 SYRACUSE (KSYR)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|
| 1979-80 | 19 | 39 | 146 | 454 | 607 | 971 | 1215 | 1302 | 1007 | 511 | 194 | 115 | 6580 |
| 1980-81 | 3 | 0 | 120 | 496 | 814 | 1307 | 1544 | 869 | 882 | 446 | 221 | 27 | 6729 |
| 1981-82 | 2 | 4 | 145 | 523 | 775 | 1110 | 1552 | 1114 | 978 | 626 | 183 | 79 | 7091 |
| 1982-83 | 13 | 57 | 152 | 449 | 628 | 951 | 1280 | 1073 | 902 | 615 | 351 | 67 | 6538 |
| 1983-84 | 11 | 25 | 140 | 457 | 769 | 1312 | 1432 | 949 | 1246 | 563 | 386 | 68 | 7358 |
| 1984-85 | 16 | 33 | 227 | 390 | 797 | 971 | 1329 | 1048 | 882 | 514 | 193 | 109 | 6509 |
| 1985-86 | 10 | 18 | 121 | 415 | 702 | 1200 | 1266 | 1156 | 856 | 471 | 172 | 76 | 6463 |
| 1986-87 | 12 | 50 | 155 | 468 | 838 | 1027 | 1270 | 1208 | 831 | 395 | 211 | 35 | 6500 |
| 1987-88 | 7 | 27 | 138 | 529 | 717 | 1007 | 1290 | 1167 | 942 | 571 | 187 | 131 | 6713 |
| 1988-89 | 9 | 33 | 150 | 574 | 653 | 1148 | 1120 | 1175 | 989 | 639 | 242 | 38 | 6770 |
| 1989-90 | 3 | 36 | 151 | 406 | 779 | 1554 | 976 | 1001 | 849 | 496 | 319 | 43 | 6613 |
| 1990-91 | 4 | 4 | 160 | 386 | 675 | 967 | 1253 | 980 | 839 | 428 | 153 | 24 | 5873 |
| 1991-92 | 1 | 0 | 189 | 378 | 743 | 1056 | 1240 | 1112 | 1099 | 617 | 245 | 79 | 6759 |
| 1992-93 | 15 | 33 | 164 | 562 | 753 | 1047 | 1156 | 1337 | 1074 | 537 | 230 | 68 | 6976 |
| 1993-94 | 2 | 10 | 190 | 515 | 785 | 1172 | 1618 | 1274 | 1054 | 507 | 345 | 53 | 7525 |
| 1994-95 | 0 | 32 | 146 | 439 | 621 | 1019 | 1065 | 1235 | 850 | 671 | 248 | 36 | 6362 |
| 1995-96 | 5 | 8 | 194 | 313 | 884 | 1256 | 1344 | 1160 | 1085 | 648 | 328 | 21 | 7246 |
| 1996-97 | 5 | 2 | 123 | 438 | 903 | 929 | 1267 | 966 | 964 | 613 | 389 | 31 | 6630 |
| 1997-98 | 12 | 7 | 156 | 491 | 828 | 1065 | 1089 | 941 | 844 | 500 | 102 | 96 | 6131 |
| 1998-99 | 3 | 13 | 89 | 403 | 692 | 911 | 1310 | 986 | 1032 | 545 | 161 | 41 | 6186 |
| 1999-00 | 0 | 14 | 96 | 473 | 613 | 1049 | 1349 | 1042 | 765 | 614 | 224 | 69 | 6308 |
| 2000-01 | 22 | 29 | 184 | 427 | 791 | 1337 | 1215 | 1038 | 1080 | 508 | 190 | 62 | 6883 |
| 2001-02 | 16 | 0 | 126 | 366 | 527 | 867 | 988 | 908 | 882 | 519 | 352 | 49 | 5600 |
| 2002-03 | 4 | 7 | 55 | 461 | 724 | 1117 | 1424 | 1208 | 946 | 634 | 277 | 71 | 6928 |
| 2003-04 | 0 | 17 | 81 | 501 | 675 | 1078 | 1553 | 1196 | 847 | 567 | 179 | 95 | 6789 |
| 2004-05 | 5 | 22 | 59 | 414 | 711 | 1104 | 1358 | 1093 | 1053 | 493 | 330 | 16 | 6658 |
| 2005-06 | 0 | 0 | 57 | 402 | 623 | 1196 | 968 | 1050 | 952 | 508 | 240 | 49 | 6045 |
| 2006-07 | 0 | 15 | 137 | 481 | 601 | 847 | 1161 | 1296 | 1029 | 631 | 237 | 35 | 6470 |
| 2007-08 | 12 | 22 | 72 | 239 | 804 | 1142 | 1092 | 1130 | 1026 | 399 | 350 | 18 | 6306 |
| 2008- | 2 | 25 | 126 | 509 | 797 | 1113 | | | | | | | |

WBAN : 14771

COOLING DEGREE DAYS (base 65°F) 2008 SYRACUSE (KSYR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1979 | 0 | 0 | 0 | 2 | 50 | 109 | 232 | 134 | 46 | 22 | 0 | 0 | 595 |
| 1980 | 0 | 0 | 0 | 0 | 41 | 62 | 243 | 279 | 80 | 1 | 0 | 0 | 706 |
| 1981 | 0 | 0 | 3 | 4 | 47 | 125 | 264 | 180 | 49 | 0 | 0 | 0 | 672 |
| 1982 | 0 | 0 | 0 | 0 | 18 | 25 | 186 | 72 | 25 | 0 | 3 | 0 | 329 |
| 1983 | 0 | 0 | 0 | 0 | 2 | 125 | 236 | 155 | 70 | 7 | 0 | 0 | 595 |
| 1984 | 0 | 0 | 0 | 0 | 4 | 88 | 119 | 154 | 14 | 1 | 0 | 0 | 380 |
| 1985 | 0 | 0 | 0 | 7 | 30 | 26 | 165 | 144 | 87 | 0 | 0 | 0 | 459 |
| 1986 | 0 | 0 | 5 | 1 | 52 | 62 | 201 | 112 | 28 | 0 | 0 | 0 | 461 |
| 1987 | 0 | 0 | 0 | 7 | 73 | 142 | 280 | 143 | 29 | 0 | 0 | 0 | 674 |
| 1988 | 0 | 0 | 0 | 0 | 33 | 112 | 296 | 251 | 32 | 9 | 0 | 0 | 733 |
| 1989 | 0 | 0 | 0 | 0 | 37 | 112 | 198 | 144 | 59 | 0 | 0 | 0 | 550 |
| 1990 | 0 | 0 | 5 | 33 | 2 | 118 | 222 | 177 | 51 | 16 | 0 | 0 | 624 |
| 1991 | 0 | 0 | 0 | 16 | 89 | 136 | 237 | 218 | 61 | 16 | 0 | 0 | 773 |
| 1992 | 0 | 0 | 0 | 5 | 21 | 54 | 94 | 118 | 60 | 0 | 0 | 0 | 352 |
| 1993 | 0 | 0 | 0 | 0 | 17 | 81 | 241 | 195 | 48 | 0 | 0 | 0 | 582 |
| 1994 | 0 | 0 | 0 | 1 | 15 | 150 | 251 | 120 | 28 | 0 | 0 | 0 | 565 |
| 1995 | 0 | 0 | 0 | 0 | 8 | 178 | 275 | 226 | 26 | 2 | 0 | 0 | 715 |
| 1996 | 0 | 0 | 0 | 0 | 22 | 126 | 150 | 175 | 73 | 0 | 0 | 0 | 546 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 123 | 167 | 122 | 15 | 3 | 0 | 0 | 430 |
| 1998 | 0 | 0 | 9 | 0 | 41 | 140 | 167 | 209 | 65 | 1 | 0 | 0 | 632 |
| 1999 | 0 | 0 | 0 | 0 | 34 | 190 | 315 | 141 | 99 | 0 | 0 | 0 | 779 |
| 2000 | 0 | 0 | 0 | 1 | 46 | 94 | 91 | 132 | 58 | 0 | 0 | 0 | 422 |
| 2001 | 0 | 0 | 0 | 2 | 22 | 137 | 158 | 276 | 51 | 10 | 1 | 0 | 657 |
| 2002 | 0 | 0 | 0 | 30 | 19 | 145 | 283 | 263 | 120 | 16 | 0 | 0 | 876 |
| 2003 | 0 | 0 | 0 | 6 | 5 | 67 | 198 | 227 | 34 | 0 | 0 | 0 | 537 |
| 2004 | 0 | 0 | 0 | 6 | 39 | 63 | 151 | 142 | 67 | 0 | 0 | 0 | 468 |
| 2005 | 0 | 0 | 0 | 0 | 4 | 254 | 307 | 279 | 75 | 11 | 0 | 0 | 930 |
| 2006 | 0 | 0 | 0 | 0 | 34 | 125 | 289 | 151 | 14 | 0 | 0 | 0 | 613 |
| 2007 | 0 | 0 | 0 | 0 | 45 | 142 | 167 | 214 | 88 | 32 | 0 | 0 | 688 |
| 2008 | 0 | 0 | 0 | 8 | 6 | 166 | 204 | 91 | 66 | 0 | 0 | 0 | 541 |

SNOWFALL (inches) 2008 SYRACUSE (KSYR)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-------|
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.1 | 1.5 | 13.8 | 24.5 | 32.8 | 20.5 | 0.2 | 0.0 | 0.0 | 93.4 |
| 1980-81 | 0.0 | 0.0 | 0.0 | T | 7.3 | 28.8 | 23.4 | 8.5 | 10.6 | 0.4 | 0.0 | 0.0 | 79.0 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.5 | 12.1 | 37.3 | 48.2 | 11.6 | 14.4 | 13.0 | 0.0 | 0.0 | 137.1 |
| 1982-83 | 0.0 | 0.0 | 0.0 | T | 1.9 | 10.9 | 20.3 | 8.2 | 8.3 | 16.4 | T | 0.0 | 66.0 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 | 24.2 | 21.8 | 19.7 | 40.3 | T | 0.0 | 0.0 | 113.6 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 23.4 | 57.3 | 21.6 | 7.1 | 2.0 | 0.0 | 0.0 | 116.4 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 28.2 | 29.9 | 26.1 | 11.0 | 1.7 | T | 0.0 | 104.9 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 16.1 | 8.8 | 49.2 | 15.1 | 3.0 | 1.3 | 0.0 | 0.0 | 93.5 |
| 1987-88 | 0.0 | 0.0 | 0.0 | T | 10.8 | 20.7 | 18.0 | 46.1 | 10.2 | 5.6 | 0.0 | 0.0 | 111.4 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 5.7 | 0.2 | 34.4 | 19.4 | 21.7 | 9.9 | 6.5 | 0.0 | 0.0 | 97.8 |
| 1989-90 | 0.0 | 0.0 | T | T | 12.9 | 64.6 | 27.4 | 33.3 | 15.2 | 8.6 | 0.0 | 0.0 | 162.0 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.2 | 7.8 | 24.5 | 30.9 | 27.7 | 2.8 | 3.0 | 0.0 | 0.0 | 96.9 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 37.9 | 50.5 | 27.6 | 41.3 | 4.1 | 0.0 | T | 166.9 |
| 1992-93 | T | 0.0 | T | 1.4 | 10.1 | 19.8 | 42.9 | 51.3 | 54.4 | 12.2 | 0.0 | 0.0 | 192.1 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 1.0 | 17.1 | 34.0 | 57.0 | 30.8 | 25.3 | 3.7 | 0.0 | 0.0 | 168.9 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 5.9 | 13.4 | 32.3 | 7.1 | 0.0 | 0.0 | 0.0 | 62.2 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 34.2 | 45.1 | 36.0 | 16.5 | 32.2 | 4.8 | 2.1 | 0.0 | 170.9 |
| 1996-97 | 0.0 | 0.0 | 0.0 | T | 25.9 | 21.2 | 38.7 | 19.1 | 23.4 | 2.8 | 0.0 | 0.0 | 131.1 |
| 1997-98 | 0.0 | 0.0 | 0.0 | 1.2 | 19.3 | 47.8 | 31.8 | 14.7 | 19.9 | 0.0 | 0.0 | 0.0 | 134.7 |
| 1998-99 | 0.0 | 0.0 | 0.0 | 0.0 | T | 13.5 | 50.7 | 5.7 | 28.4 | 0.0 | 0.0 | 0.0 | 98.3 |
| 1999-00 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 15.7 | 29.9 | 27.4 | 7.1 | 1.9 | T | 0.0 | 85.8 |
| 2000-01 | 0.0 | 0.0 | 0.0 | T | 20.2 | 70.3 | 28.4 | 27.8 | 45.0 | 0.2 | T | 0.0 | 191.9 |
| 2001-02 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 7.3 | 21.2 | 13.5 | 14.1 | 2.6 | T | 0.0 | 59.4 |
| 2002-03 | 0.0 | 0.0 | 0.0 | T | 17.2 | 40.0 | 44.2 | 37.1 | 11.7 | 3.0 | 0.0 | 0.0 | 153.2 |
| 2003-04 | 0.0 | 0.0 | 0.0 | T | 10.5 | 48.5 | 78.1 | 19.4 | 20.5 | 4.3 | 0.0 | T | 181.3 |
| 2004-05 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 19.0 | 44.5 | 42.0 | 28.1 | T | 0.0 | 0.0 | 136.2 |
| 2005-06 | T | 0.0 | 0.0 | T | 8.4 | 53.0 | 12.1 | 34.8 | 16.3 | T | T | 0.0 | 124.6 |
| 2006-07 | T | 0.0 | 0.0 | T | 0.1 | 12.1 | 37.9 | 59.5 | 19.9 | 10.7 | 0.0 | 0.0 | 140.2 |
| 2007-08 | 0.0 | 0.0 | 0.0 | T | 6.8 | 49.8 | 10.1 | 29.5 | 12.9 | T | 0.0 | 0.0 | 109.1 |
| 2008- | 0.0 | T | 0.0 | 0.6 | 16.1 | 57.3 | | | | | | | |
| POR= 87 YRS | T | T | T | 0.5 | 8.6 | 24.3 | 26.4 | 22.9 | 16.6 | 3.8 | 0.1 | T | 103.2 |

WBAN : 14771

REFERENCE NOTES :

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| <p>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).</p> <p>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).</p> <p>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.</p> | <p>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.</p> <p>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.</p> <p>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.</p> |
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2008 SYRACUSE NEW YORK (KSYR)

Syracuse is located approximately at the geographical center of the state. Gently rolling terrain stretches northward for about 30 miles to the eastern end of Lake Ontario. Oneida Lake is about 8 miles northeast of Syracuse. Approximately 5 miles south of the city, hills rise to 1,500 feet. Immediately to the west, the terrain is gently rolling with elevations 500 to 800 feet above sea level.

The climate of Syracuse is primarily continental in character and comparatively humid. Nearly all cyclonic systems moving from the interior of the country through the St. Lawrence Valley will affect the Syracuse area. Seasonal and diurnal changes are marked and produce an invigorating climate.

In the summer and in portions of the transitional seasons, temperatures usually rise rapidly during the daytime to moderate levels and as a rule fall rapidly after sunset. The nights are relatively cool and comfortable. There are only a few days in a year when atmospheric humidity causes great personal discomfort.

Winters are usually cold and are sometimes severe in part. Daytime temperatures average in the low 30s with nighttime lows in the teens. Low winter temperatures below -25 degrees have been recorded. The autumn, winter, and spring seasons display marked variability.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 16 and the average last occurrence in the spring is April 28.

Precipitation in the Syracuse area is derived principally from cyclonic storms which pass from the interior of the country through the St. Lawrence Valley. Lake Ontario provides the source of significant winter precipitation. The lake is quite deep and never freezes so cold air flowing over the lake is quickly saturated and produces the cloudiness and snow squalls which are a well-known feature of winter weather in the Syracuse area.

The area enjoys sufficient precipitation in most years to meet the needs of agriculture and water supplies. The precipitation is uncommonly well distributed, averaging about 3 inches per month throughout the year. Snowfall is moderately heavy with an average just over 100 inches. There are about 30 days per year with thunderstorms, mostly during the warmer months.

Wind velocities are moderate, but during the winter months there are numerous days with sufficient winds to cause blowing and drifting snow.

During December, January, and February there is much cloudiness. Syracuse receives only about one-third of possible sunshine during winter months. Approximately two-thirds of possible sunshine is received during the warm months.

Station Location

SYRACUSE

| LOCATION | Occupied From | Occupied To | Airline Distances and Directions from previous Location | Latitude | | Longitude | | ELEVATION ABOVE | | | | | | | | REMARKS |
|--|---------------|-------------|---|----------|---------|-------------------------|-----------------|----------------------|--------------|-----------------|---------------------------|---------------------|-------------------|------------------|---------------------------------|---|
| | | | | NORTH | WEST | GROUND TEMPERATURE SITE | WIND INSTRUMENT | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET RAIN GAUGE | WEIGHING RAIN GAUGE | 8 INCH RAIN GAUGE | HYGROTHERMOMETER | AUTOMATIC OBSERVING EQUIPMENT * | |
| | | | | | | | | | | | | | | | | |
| *NOTE: | | | | | | | | | | | | | | | | |
| AIRPORT | | | | | | | | | | | | | | | | |
| FAA Control Tower Clarence E. Hancock Airport+ | 7/2/62 | 11/01/93 | 1/2 mi. NNE | 43° 07' | 76° 07' | c410 | d21 | 6 | 5 | g Unk h79 | 3 f3 | 4 f4 | i3 | e4 j5 | | c. 417 ft. to 6/29/63. d. 84 ft. to 5/28/63. e. Commissioned 3000 ft SE of thermometer site 6/29/63. f. Relocated 250 ft. NNW of control tower 6/17/68. g. Not moved 7/2/62. h. Moved to new location 8/28/62. i. Installed near other rain gauges 11/1/84. j. Minor adjustment & type change 6/3/85. |
| +Hancock Intl. Airport effective in 1971. | | | | | | | | | | | | | | | | |
| Hancock International Airport | 11/01/93 | Present | NA | 43° 07' | 76° 06' | k414 | | | | | | | | | S | ASOS commissioned 11/01/93 k. Ground Elevation |

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* NOTES: For earlier station history see previous editions.