

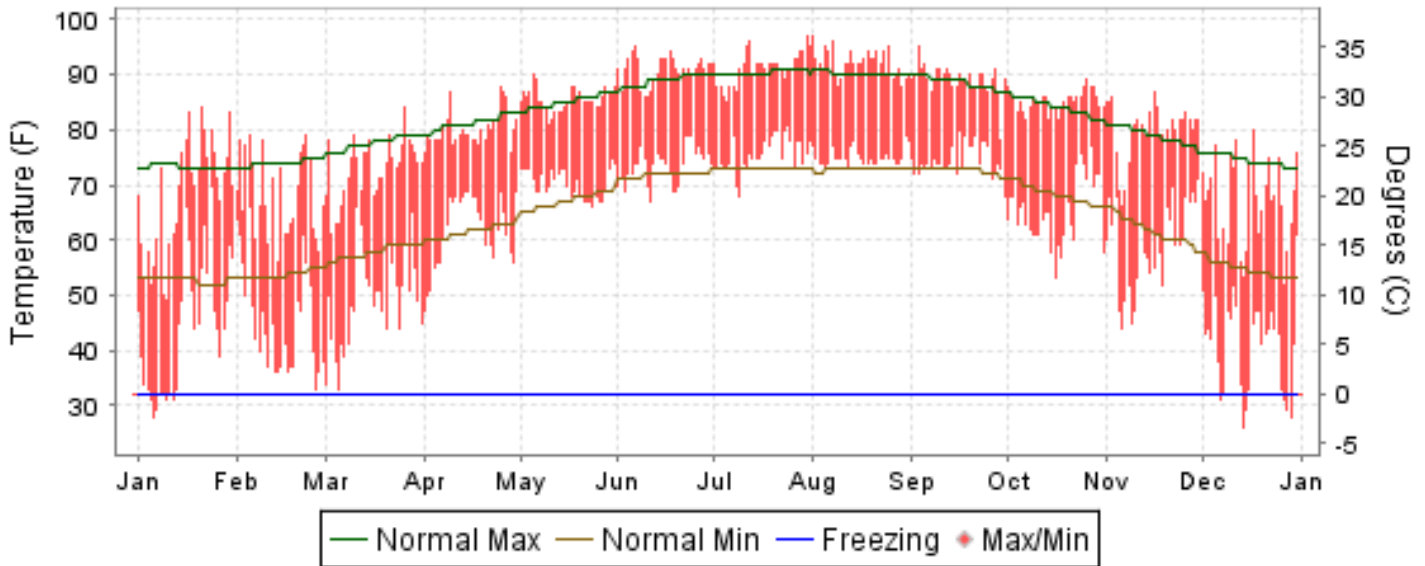


2010 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

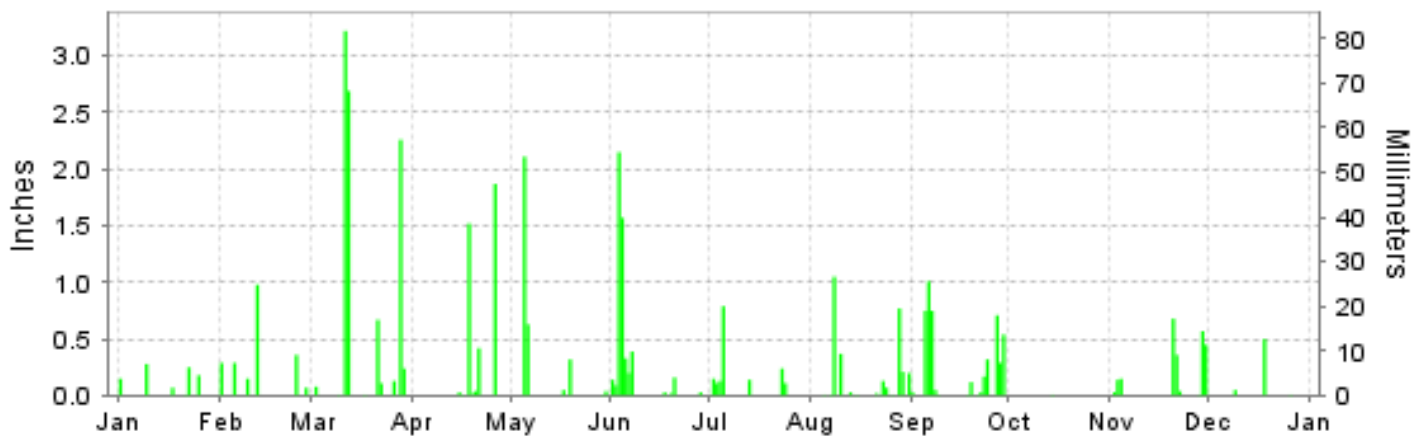
ISSN 0742-8758

VERO BEACH, FLORIDA (KVRB)

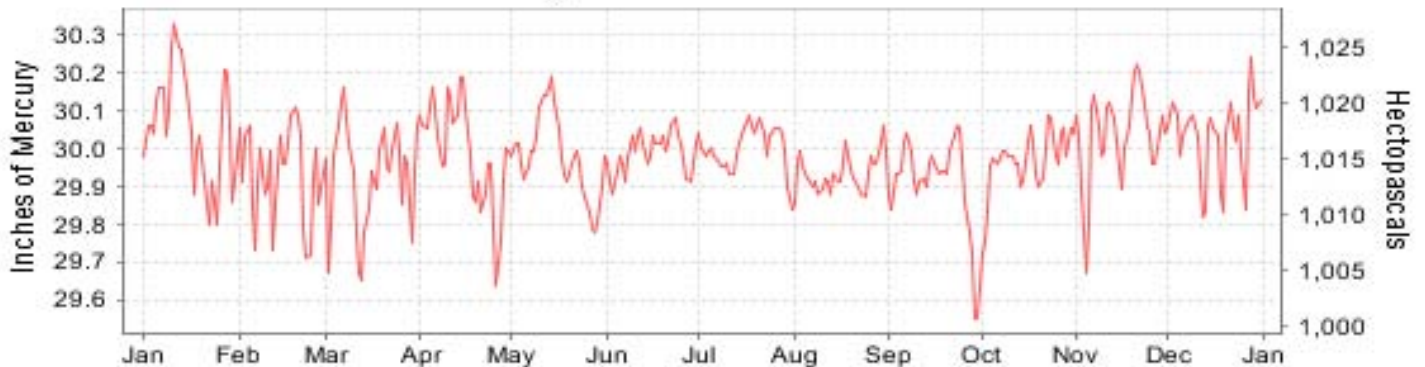
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2010

VERO BEACH (KVRB)

LATITUDE: 27 ° 39'N LONGITUDE: -80 ° 25'W ELEVATION (FT): GRND: 19 BARO: 38 TIME ZONE: EASTERN (UTC -5) WBAN: 12843

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 68.2 | 67.7 | 72.9 | 80.1 | 85.5 | 91.0 | 91.3 | 92.1 | 89.1 | 85.3 | 79.9 | 66.9 | 80.8 | |
| | HIGHEST DAILY MAXIMUM | 84 | 79 | 84 | 88 | 90 | 95 | 97 | 97 | 95 | 89 | 87 | 80 | 97 | |
| | DATE OF OCCURRENCE | 21 | 23+ | 26 | 25 | 05 | 06 | 30 | 01 | 03 | 26 | 16 | 17 | AUG 01 | |
| | MEAN DAILY MINIMUM | 44.3 | 45.4 | 49.5 | 61.9 | 70.3 | 73.7 | 75.7 | 75.2 | 74.5 | 65.2 | 59.1 | 41.0 | 61.3 | |
| | LOWEST DAILY MINIMUM | 28 | 33 | 33 | 47 | 66 | 67 | 68 | 73 | 68 | 53 | 44 | 26 | 26 | |
| | DATE OF OCCURRENCE | 06 | 26 | 05 | 01 | 24 | 11 | 09 | 12+ | 30 | 16 | 06 | 14 | DEC 14 | |
| | AVERAGE DRY BULB | 56.3 | 56.6 | 61.2 | 71.0 | 77.9 | 82.4 | 83.5 | 83.7 | 81.8 | 75.3 | 69.5 | 54.0 | 71.1 | |
| | MEAN WET BULB | 51.5 | 51.6 | 55.8 | 65.2 | 72.5 | 76.3 | 77.0 | 77.2 | 75.5 | 68.0 | 63.4 | 47.9 | 65.2 | |
| | MEAN DEW POINT | 46.5 | 46.9 | 51.2 | 61.6 | 69.9 | 74.2 | 74.7 | 75.0 | 72.8 | 63.8 | 59.3 | 41.5 | 61.5 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM >= 90° | 0 | 0 | 0 | 0 | 1 | 24 | 23 | 26 | 14 | 0 | 0 | 0 | 0 | 88 |
| | MAXIMUM <= 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | MINIMUM <= 32° | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 15 | |
| MINIMUM <= 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 304 | 251 | 139 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 338 | 1063 | |
| | COOLING DEGREE DAYS | 42 | 22 | 28 | 190 | 409 | 526 | 581 | 584 | 512 | 323 | 172 | 4 | 3393 | |
| RH | MEAN (PERCENT) | 73 | 73 | 73 | 73 | 79 | 79 | 78 | 79 | 76 | 70 | 72 | 68 | 74 | |
| | HOUR 01 LST | 84 | 87 | 89 | 85 | 90 | 91 | 89 | 90 | 85 | 82 | 83 | 79 | 86 | |
| | HOUR 07 LST | 86 | 82 | 85 | 76 | 79 | 77 | 78 | 80 | 77 | 74 | 80 | 80 | 80 | |
| | HOUR 13 LST | 54 | 53 | 51 | 58 | 65 | 65 | 63 | 65 | 64 | 53 | 56 | 48 | 58 | |
| | HOUR 19 LST | 77 | 78 | 74 | 75 | 82 | 82 | 81 | 82 | 79 | 72 | 75 | 73 | 78 | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY <= 1/4 MI) | 0 | 2 | 4 | 3 | 0 | 2 | 0 | 0 | 1 | 0 | 2 | 4 | 18 | |
| | THUNDERSTORMS | 0 | 0 | 2 | 2 | 6 | 8 | 3 | 11 | 3 | 0 | 0 | 0 | 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.) | 30.06 | 29.93 | 29.93 | 29.99 | 29.98 | 29.99 | 30.00 | 29.93 | 29.91 | 29.97 | 30.03 | 30.03 | 29.98 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.09 | 29.96 | 29.95 | 30.03 | 30.01 | 30.02 | 30.03 | 29.97 | 29.94 | 30.00 | 30.07 | 30.06 | 30.01 | |
| WINDS | RESULTANT SPEED (MPH) | 2.8 | 3.2 | 2.8 | 5.0 | 5.3 | 3.8 | 4.5 | 3.1 | 5.4 | 3.0 | 2.3 | 5.1 | 1.4 | |
| | RES. DIR. (TENS OF DEGS.) | 29 | 30 | 26 | 10 | 11 | 11 | 10 | 12 | 08 | 04 | 03 | 30 | 08 | |
| | MEAN SPEED (MPH) | 8.9 | 8.5 | 9.2 | 9.1 | 8.5 | 6.7 | 7.3 | 6.7 | 7.7 | 6.9 | 7.4 | 7.9 | 7.9 | |
| | PREVAIL.DIR.(TENS OF DEGS.) | 31 | 29 | 26 | 06 | 10 | 11 | 10 | 06 | 09 | 32 | 36 | 32 | 09 | |
| | MAXIMUM 2-MINUTE WIND | | | | | | | | | | | | | | |
| | SPEED (MPH) | 30 | 31 | 38 | 39 | 23 | 25 | 24 | 30 | 28 | 24 | 24 | 36 | 39 | |
| | DIR. (TENS OF DEGS.) | 23 | 28 | 32 | 31 | 13 | 28 | 07 | 20 | 27 | 12 | 31 | 28 | 31 | |
| | DATE OF OCCURRENCE | 17 | 12 | 11 | 26 | 03 | 17 | 23 | 24 | 05 | 26 | 05 | 26 | APR 26 | |
| | MAXIMUM 3-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 39 | 43 | 54 | 49 | 38 | 36 | 29 | 39 | 32 | 30 | 32 | 45 | 54 | |
| DIR. (TENS OF DEGS.) | 25 | 29 | 31 | 32 | 12 | 27 | 07 | 20 | 26 | 12 | 10 | 28 | 31 | | |
| DATE OF OCCURRENCE | 17 | 12 | 11 | 26 | 05 | 04 | 23 | 24 | 05 | 06 | 29 | 26 | MAR 11 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.94 | 2.14 | 9.42 | 3.91 | 3.16 | 5.11 | 1.67 | 2.89 | 4.80 | 0.01 | 2.43 | 0.56 | 37.04 | |
| | GREATEST 24-HOUR (IN.) | 0.28 | 0.98 | 5.61 | 1.87 | 2.11 | 2.16 | 0.85 | 1.06 | 1.75 | 0.01 | 1.01 | 0.50 | 5.61 | |
| | DATE OF OCCURRENCE | 09 | 12 | 11-12 | 26 | 05 | 03-04 | 04-05 | 07-08 | 05-06 | 14 | 29-30 | 18 | MAR 11-12 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION 0.01 | 6 | 6 | 10 | 7 | 6 | 11 | 7 | 13 | 15 | 1 | 9 | 3 | 94 | |
| PRECIPITATION 0.10 | 4 | 5 | 7 | 3 | 3 | 7 | 7 | 6 | 9 | 0 | 6 | 1 | 58 | | |
| PRECIPITATION 1.00 | 0 | 0 | 3 | 2 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 10 | | |
| SNOWFALL | SNOW,ICE PELLETS,HAIL | | | | | | | | | | | | | | |
| | TOTAL (IN.) | | | | | | | | | | | | | | |
| | GREATEST 24-HOUR (IN.) | | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL >= 1.0 | | | | | | | | | | | | | | | |

NORMALS, MEANS, AND EXTREMES

VERO BEACH (KVRB)

LATITUDE: 27 ° 39'N LONGITUDE: -80 ° 25'W ELEVATION (FT): GRND: 19 BARO: 38 TIME ZONE: EASTERN (UTC -5) WBAN: 12843

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 73.3 | 74.1 | 77.6 | 81.4 | 85.2 | 89.0 | 90.4 | 90.2 | 88.7 | 84.3 | 79.1 | 74.7 | 82.3 |
| | MEAN DAILY MAXIMUM | 50 | 72.7 | 72.4 | 77.5 | 80.0 | 85.1 | 87.5 | 89.7 | 89.8 | 87.1 | 83.5 | 77.3 | 73.7 | 81.4 |
| | HIGHEST DAILY MAXIMUM | 27 | 88 | 89 | 93 | 94 | 99 | 102 | 99 | 98 | 97 | 94 | 92 | 87 | 102 |
| | YEAR OF OCCURRENCE | | 1991 | 2008 | 2003 | 1999 | 2000 | 2009 | 1998 | 1999 | 1996 | 2009 | 2002 | 2009 | JUN 2009 |
| | MEAN OF EXTREME MAXS. | 53 | 83.6 | 85.0 | 87.9 | 89.9 | 92.7 | 94.9 | 94.8 | 94.7 | 92.6 | 90.5 | 86.3 | 83.2 | 89.7 |
| | NORMAL DAILY MINIMUM | 30 | 52.7 | 53.6 | 57.8 | 61.6 | 67.2 | 71.8 | 73.0 | 72.9 | 72.7 | 68.5 | 61.9 | 54.7 | 64.0 |
| | MEAN DAILY MINIMUM | 50 | 53.0 | 53.3 | 58.3 | 61.8 | 68.0 | 71.3 | 73.4 | 73.8 | 73.0 | 68.9 | 60.8 | 55.2 | 64.2 |
| | LOWEST DAILY MINIMUM | 27 | 21 | 28 | 32 | 40 | 47 | 57 | 67 | 64 | 61 | 46 | 37 | 23 | 21 |
| | YEAR OF OCCURRENCE | | 1985 | 1989 | 1986 | 2009 | 1999 | 1984 | 2008 | 1984 | 2006 | 2008 | 2008 | 1989 | JAN 1985 |
| | MEAN OF EXTREME MINS. | 53 | 35.1 | 37.8 | 42.2 | 47.3 | 58.1 | 66.0 | 69.5 | 69.9 | 68.2 | 55.1 | 44.9 | 37.5 | 52.6 |
| | NORMAL DRY BULB | 30 | 63.0 | 63.9 | 67.7 | 71.5 | 76.2 | 80.4 | 81.7 | 81.6 | 80.7 | 76.4 | 70.5 | 64.7 | 73.2 |
| | MEAN DRY BULB | 50 | 62.8 | 62.9 | 67.9 | 70.9 | 76.5 | 79.5 | 81.6 | 81.8 | 80.1 | 76.2 | 69.1 | 64.5 | 72.8 |
| | MEAN WET BULB | 27 | 59.9 | 60.7 | 63.1 | 65.4 | 70.1 | 73.7 | 75.0 | 75.1 | 74.4 | 70.7 | 66.2 | 61.7 | 68.0 |
| | MEAN DEW POINT | 27 | 58.0 | 58.6 | 61.0 | 63.1 | 68.1 | 72.2 | 73.4 | 73.7 | 73.0 | 69.0 | 64.5 | 59.8 | 66.2 |
| | NORMAL NO. DAYS WITH: MAXIMUM >= 90 | 30 | 0.0 | 0.0 | 0.3 | 0.9 | 2.8 | 10.9 | 18.0 | 18.1 | 10.6 | 1.7 | 0.1 | 0.0 | 63.4 |
| | MAXIMUM <= 32 | 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 |
| MINIMUM <= 32 | 30 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.4 | |
| 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 | 161 | 114 | 48 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 101 | 450 |
| | NORMAL COOLING DEG. DAYS | 30 | 84 | 83 | 132 | 202 | 347 | 462 | 517 | 513 | 471 | 354 | 183 | 92 | 3440 |
| RH | NORMAL (PERCENT) | 30 | 76 | 73 | 72 | 69 | 72 | 77 | 79 | 79 | 79 | 76 | 77 | 75 | 75 |
| | HOURLY 01 LST | 30 | 85 | 83 | 82 | 80 | 81 | 86 | 89 | 89 | 87 | 83 | 85 | 83 | 84 |
| | HOURLY 07 LST | 30 | 87 | 87 | 86 | 84 | 84 | 86 | 89 | 92 | 90 | 87 | 87 | 86 | 87 |
| | HOURLY 13 LST | 30 | 59 | 56 | 56 | 52 | 57 | 63 | 65 | 65 | 64 | 62 | 62 | 59 | 60 |
| | HOURLY 19 LST | 30 | 75 | 72 | 69 | 65 | 70 | 76 | 78 | 78 | 79 | 77 | 78 | 78 | 75 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI) | 29 | 3.2 | 2.6 | 1.7 | 1.2 | 0.9 | 0.7 | 0.6 | 0.3 | 0.5 | 0.7 | 1.3 | 2.2 | 15.9 |
| | THUNDERSTORMS | 35 | 0.9 | 1.3 | 2.9 | 3.4 | 5.3 | 11.7 | 14.0 | 14.0 | 8.8 | 3.0 | 1.0 | 0.5 | 66.8 |
| CLOUDNESS | MEAN: SUNRISE-SUNSET (OKTAS) | | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | | | | | | | | | | | | | | |
| | MEAN NO. DAYS WITH: CLEAR | | | | | | | | | | | | | | |
| | PARTLY CLOUDY CLOUDY | | | | | | | | | | | | | | |
| PR | MEAN STATION PRESSURE(IN) | 27 | 30.07 | 30.05 | 30.02 | 29.99 | 29.98 | 29.98 | 30.02 | 29.98 | 29.96 | 29.97 | 30.02 | 30.07 | 30.01 |
| | MEAN SEA-LEVEL PRES. (IN) | 27 | 30.12 | 30.09 | 30.06 | 30.02 | 30.01 | 30.01 | 30.05 | 30.01 | 29.97 | 30.00 | 30.06 | 30.11 | 30.04 |
| WINDS | MEAN SPEED (MPH) | 27 | 8.5 | 8.8 | 9.6 | 9.4 | 9.0 | 7.6 | 6.9 | 6.6 | 7.5 | 8.4 | 8.5 | 8.0 | 8.2 |
| | PREVAIL.DIR.(TENS OF DEGS) | 27 | 32 | 36 | 14 | 14 | 12 | 12 | 12 | 12 | 09 | 06 | 36 | 33 | 12 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 9 | 36 | 41 | 38 | 39 | 44 | 35 | 41 | 38 | 33 | 32 | 36 | 38 | 44 |
| | DIR. (TENS OF DEGS) | | 29 | 30 | 32 | 31 | 29 | 29 | 05 | 35 | 27 | 06 | 25 | 26 | 29 |
| | YEAR OF OCCURRENCE | | 2006 | 2007 | 2010 | 2010 | 2009 | 2009 | 2007 | 2008 | 2003 | 2007 | 2008 | 2004 | MAY 2009 |
| | MAXIMUM 3-SECOND SPEED (MPH) | 9 | 44 | 52 | 54 | 49 | 58 | 43 | 58 | 55 | 45 | 43 | 44 | 46 | 58 |
| | DIR. (TENS OF DEGS) | | 29 | 31 | 31 | 32 | 19 | 28 | 25 | 35 | 28 | 06 | 24 | 24 | 25 |
| | YEAR OF OCCURRENCE | | 2006 | 2007 | 2010 | 2010 | 2006 | 2009 | 2007 | 2008 | 2003 | 2007 | 2008 | 2004 | JUL 2007 |
| PRECIPITATION | NORMAL (IN) | 30 | 2.89 | 2.45 | 4.20 | 2.88 | 3.80 | 6.03 | 6.53 | 6.04 | 6.84 | 5.04 | 3.04 | 2.19 | 51.93 |
| | MAXIMUM MONTHLY (IN) | 27 | 8.91 | 6.91 | 12.78 | 10.45 | 10.52 | 20.73 | 13.72 | 18.91 | 23.01 | 12.37 | 11.76 | 5.94 | 23.01 |
| | YEAR OF OCCURRENCE | | 1993 | 1998 | 1993 | 1997 | 2009 | 1992 | 2007 | 2008 | 2004 | 1986 | 1984 | 1994 | SEP 2004 |
| | MINIMUM MONTHLY (IN) | 27 | 0.33 | 0.04 | 0.25 | 0.03 | 0.09 | 0.30 | 1.30 | 1.73 | 1.67 | 0.01 | 0.34 | 0.21 | 0.01 |
| | YEAR OF OCCURRENCE | | 2006 | 2001 | 2002 | 1986 | 2004 | 1998 | 2003 | 1996 | 1988 | 2010 | 1989 | 1987 | OCT 2010 |
| | MAXIMUM IN 24 HOURS (IN) | 27 | 3.38 | 3.44 | 6.80 | 3.72 | 3.26 | 4.15 | 4.21 | 7.08 | 7.30 | 6.09 | 5.67 | 3.39 | 7.30 |
| | YEAR OF OCCURRENCE | | 1991 | 1991 | 1993 | 1998 | 1993 | 2007 | 2000 | 2008 | 2004 | 2000 | 1994 | 1994 | SEP 2004 |
| | NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01 | 30 | 10.2 | 9.7 | 8.6 | 7.7 | 11.0 | 16.6 | 9.2 | 17.4 | 18.8 | 14.7 | 10.9 | 9.7 | 144.5 |
| | PRECIPITATION >= 1.00 | 30 | 0.7 | 0.6 | 0.8 | 0.6 | 1.3 | 1.8 | 1.2 | 1.4 | 1.2 | 1.0 | 0.8 | 0.3 | 11.7 |
| SNOWFALL | NORMAL (IN) | 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 |
| | MAXIMUM MONTHLY (IN) | 18 | 0.0 | 0.0 | T | T | T | T | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| | YEAR OF OCCURRENCE | | | | 1995 | 1994 | 1995 | 1996 | 1992 | | | | | | JUN 1996 |
| | MAXIMUM IN 24 HOURS (IN) | 18 | 0.0 | 0.0 | T | T | T | T | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| | YEAR OF OCCURRENCE | | | | 1995 | 1994 | 1995 | 1996 | 1992 | | | | | | JUN 1996 |
| | MAXIMUM SNOW DEPTH (IN) | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| YEAR OF OCCURRENCE | | | | | | | | | | | | | | | |
| NORMAL NO. DAYS WITH: SNOWFALL >= 1.0 | 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 | |

PRECIPITATION (inches) 2010 VERO BEACH (KVRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 1984 | 1.59 | 4.79 | 2.43 | 0.83 | 5.75 | 4.58 | 3.27 | 3.70 | 9.52 | 1.66 | 11.76 | 1.74 | 51.62 |
| 1985 | 1.19 | 0.32 | 1.31 | 4.69 | 3.23 | 5.42 | 6.06 | 6.64 | 9.70 | 3.56 | 2.23 | 2.19 | 46.54 |
| 1986 | 2.94 | 1.77 | 3.76 | 0.03 | 1.77 | 4.47 | 11.11 | 4.43 | 5.30 | 12.37 | 4.42 | 4.33 | 56.70 |
| 1987 | 1.65 | 1.31 | 4.86 | 0.05 | 3.07 | 3.95 | 7.34 | 3.57 | 5.37 | 6.71 | 6.28 | 0.21 | 44.37 |
| 1988 | 3.35 | 2.09 | 5.74 | 1.77 | 4.02 | 4.93 | 10.71 | 3.39 | 1.67 | 1.63 | 2.07 | 3.28 | 44.65 |
| 1989 | 1.83 | 1.69 | 3.88 | 2.86 | 1.96 | 3.40 | 2.94 | 5.02 | 5.45 | 5.99 | 0.34 | 2.45 | 37.81 |
| 1990 | 1.77 | 2.51 | 0.90 | 1.92 | 4.14 | 4.79 | 5.90 | 9.71 | 8.76 | 3.66 | 1.60 | 0.55 | 46.21 |
| 1991 | 7.05 | 5.76 | 7.18 | 6.82 | 4.00 | 5.38 | 8.90 | 11.49 | 3.09 | 5.21 | 1.02 | 0.76 | 66.66 |
| 1992 | 1.72 | 3.22 | 1.07 | 2.45 | 0.98 | 20.73 | 1.78 | 5.36 | 8.05 | 1.73 | 5.98 | 1.78 | 54.85 |
| 1993 | 8.91 | 1.99 | 12.78 | 1.42 | 4.85 | 2.08 | 4.53 | 3.35 | 5.59 | 5.77 | 4.56 | 1.07 | 56.90 |
| 1994 | 3.04 | 3.89 | 2.90 | 5.73 | 3.10 | 6.07 | 3.81 | 7.41 | 11.34 | 5.83 | 6.74 | 5.94 | 65.80 |
| 1995 | 1.59 | 2.18 | 2.80 | 2.05 | 1.27 | 6.48 | 5.38 | 10.93 | 5.53 | 6.91 | 0.80 | 0.50 | 46.42 |
| 1996 | 4.19 | 0.86 | 10.80 | 1.41 | 6.88 | 10.54 | 7.55 | 1.73 | 3.29 | 8.55 | .74 | 2.41 | 58.95 |
| 1997 | 3.41 | 2.73 | 3.98 | 10.45 | 3.11 | 8.24 | 5.54 | 10.25 | 4.97 | 2.19 | 2.65 | 4.67 | 62.19 |
| 1998 | 5.65 | 6.91 | 6.71 | 5.01 | 1.24 | 0.30 | 8.70 | 11.63 | 9.59 | 3.54 | 4.82 | 0.73 | 64.83 |
| 1999 | 2.33 | 0.98 | 0.54 | 1.25 | 4.02 | 11.95 | 2.78 | 7.17 | | 11.66 | 2.88 | 1.35 | |
| 2000 | 2.88 | 1.15 | 2.41 | 1.95 | 0.36 | 6.55 | 11.55 | 4.53 | 7.83 | 7.15 | 0.50 | 0.42 | 47.28 |
| 2001 | 0.84 | 0.04 | 4.42 | 0.45 | 3.83 | 5.14 | 7.61 | 7.05 | 12.20 | 4.14 | 2.40 | 0.80 | 48.92 |
| 2002 | 1.83 | 4.90 | 0.25 | 3.37 | 3.60 | 15.08 | 8.26 | 7.91 | 1.84 | 1.47 | 2.01 | 5.41 | 55.93 |
| 2003 | 1.81 | 0.94 | 3.18 | 4.09 | 3.07 | 8.56 | 1.30 | 7.32 | 8.02 | 0.77 | 3.17 | 3.20 | 45.43 |
| 2004 | 2.78 | 2.95 | 0.84 | 1.50 | 0.09 | 3.87 | 3.86 | 9.71 | 23.01 | 3.59 | 0.95 | 2.55 | 55.70 |
| 2005 | 1.14 | 2.12 | 7.78 | 3.18 | 4.80 | 12.11 | 1.51 | 3.81 | 5.06 | 7.89 | 5.86 | 2.15 | 57.41 |
| 2006 | 0.33 | 3.53 | 0.53 | 1.09 | 1.37 | 7.96 | 4.23 | 4.89 | 5.64 | 0.98 | 1.12 | 1.89 | 33.56 |
| 2007 | 0.76 | 1.10 | 1.04 | 2.16 | 1.97 | 7.31 | 13.72 | 2.40 | 6.01 | 7.92 | 2.49 | 2.10 | 48.98 |
| 2008 | 1.22 | 1.46 | 3.87 | 3.96 | 2.08 | 3.00 | 6.97 | 18.91 | 2.62 | 7.91 | 3.40 | 0.45 | 55.85 |
| 2009 | 1.57 | 0.16 | 2.62 | 0.44 | 10.52 | 4.50 | 4.76 | 3.66 | 4.79 | 0.48 | 2.89 | 5.58 | 41.97 |
| 2010 | 0.94 | 2.14 | 9.42 | 3.91 | 3.16 | 5.11 | 1.67 | 2.89 | 4.80 | 0.01 | 2.43 | 0.56 | 37.04 |
| POR= 53 YRS | 2.42 | 2.34 | 3.74 | 2.89 | 3.27 | 5.87 | 5.74 | 6.32 | 7.68 | 6.06 | 2.92 | 2.00 | 51.25 |

WBAN : 12843

AVERAGE TEMPERATURE (°F) 2010 VERO BEACH (KVRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984 | 60.9 | 63.0 | 65.9 | 68.5 | 75.4 | 77.7 | 80.2 | 80.2 | 78.6 | 75.7 | 68.1 | 66.9 | 71.8 |
| 1985 | 57.0 | 63.9 | 68.3 | 70.3 | 74.8 | 81.5 | 80.6 | 81.8 | 79.3 | 80.1 | 73.3 | 61.6 | 72.7 |
| 1986 | 61.3 | 66.4 | 65.6 | 68.0 | 74.9 | 79.9 | 81.3 | 81.5 | 80.6 | 77.2 | 76.8 | 68.9 | 73.5 |
| 1987 | 60.3 | 64.5 | 66.7 | | 75.7 | 81.4 | 82.3 | 82.6 | 81.7 | 74.0 | 71.1 | 66.1 | |
| 1988 | 62.1 | 60.7 | 65.5 | 71.4 | 74.8 | 80.2 | 81.5 | 81.7 | 82.1 | 75.0 | 72.5 | 64.6 | 72.7 |
| 1989 | 67.3 | 65.6 | 69.9 | 72.3 | 76.6 | 80.1 | 81.7 | 82.3 | 81.8 | 76.2 | 70.4 | 58.1 | 73.5 |
| 1990 | 68.1 | 70.3 | 70.2 | 72.8 | 78.9 | 80.5 | 81.8 | 82.2 | 81.4 | 78.4 | 71.1 | 68.2 | 75.3 |
| 1991 | 68.2 | 65.3 | 68.5 | 75.4 | 79.3 | 81.1 | 82.4 | 82.6 | 81.2 | 77.0 | 68.8 | 67.6 | 74.8 |
| 1992 | 61.4 | 66.1 | 66.9 | 70.8 | 74.3 | 80.6 | 82.7 | 81.8 | 81.2 | 75.6 | 73.0 | 66.1 | 73.4 |
| 1993 | 68.5 | 62.6 | 65.9 | 68.5 | 75.5 | 80.0 | 82.7 | 82.1 | 81.1 | 77.1 | 71.3 | 61.0 | 73.0 |
| 1994 | 64.8 | 68.9 | 69.1 | 74.6 | 76.6 | 81.0 | 81.1 | 80.6 | 80.1 | 77.0 | 74.1 | 67.2 | 74.6 |
| 1995 | 60.7 | 62.2 | 69.8 | 72.8 | 79.6 | 80.6 | 82.2 | 82.8 | 81.5 | 79.2 | 67.5 | 62.0 | 73.4 |
| 1996 | 62.7 | 61.4 | 64.9 | 69.6 | 76.9 | 79.2 | 81.9 | 81.4 | 82.5 | 76.7 | 72.0 | 65.5 | 72.9 |
| 1997 | 64.6 | 70.8 | 74.0 | 71.9 | 77.6 | 81.1 | 83.4 | 82.5 | 80.1 | 76.0 | 69.2 | 64.5 | 74.6 |
| 1998 | 65.2 | 63.2 | 64.8 | 71.5 | 76.4 | 83.5 | 82.6 | 82.1 | 81.2 | 78.1 | 71.8 | 68.4 | 74.1 |
| 1999 | 65.3 | 63.9 | 64.3 | 72.3 | 73.9 | 78.9 | 81.1 | 82.1 | 79.8 | 76.3 | 70.1 | 63.4 | 72.6 |
| 2000 | 61.4 | 62.9 | 69.7 | 69.9 | 77.4 | 79.9 | 81.4 | 80.7 | 80.8 | 74.4 | 67.0 | 63.2 | 72.4 |
| 2001 | 57.0 | 68.9 | 68.5 | 71.4 | 75.8 | 80.2 | 80.9 | 80.8 | 78.5 | 76.5 | 71.0 | 68.1 | 73.1 |
| 2002 | 62.2 | 63.7 | 69.7 | 74.1 | 77.9 | 79.1 | 80.5 | 81.1 | 81.7 | 78.1 | 67.4 | 62.6 | 73.2 |
| 2003 | 55.8 | 65.9 | 73.6 | 70.5 | 78.5 | 80.5 | 81.5 | 81.2 | 79.9 | 76.4 | 72.4 | 61.8 | 73.2 |
| 2004 | 61.1 | 64.8 | 68.0 | 69.4 | 76.8 | 81.5 | 81.6 | 82.0 | 82.2 | 75.8 | 71.0 | 62.8 | 73.1 |
| 2005 | 63.5 | 63.8 | 65.9 | 68.3 | 75.7 | 80.4 | 83.7 | 83.5 | 81.3 | 76.9 | 70.6 | 63.0 | 73.1 |
| 2006 | 63.3 | 60.8 | 66.9 | 74.0 | 75.7 | 80.3 | 81.2 | 81.2 | 80.3 | 75.2 | 68.3 | 71.4 | 73.2 |
| 2007 | 67.0 | 63.1 | 69.4 | 71.1 | 76.6 | 79.5 | 81.5 | 83.2 | 81.7 | 80.2 | 69.6 | 68.4 | 74.3 |
| 2008 | 63.9 | 67.6 | 68.4 | 70.1 | 76.3 | 79.7 | 80.7 | 81.6 | 80.7 | 75.4 | 65.5 | 66.0 | 73.0 |
| 2009 | 59.9 | 61.4 | 66.9 | 70.6 | 76.6 | 81.1 | 81.7 | 82.3 | 80.8 | 78.2 | 70.9 | 66.8 | 73.1 |
| 2010 | 56.3 | 56.6 | 61.2 | 71.0 | 77.9 | 82.4 | 83.5 | 83.7 | 81.8 | 75.3 | 69.5 | 54.0 | 71.1 |
| POR= 50 YRS | 62.8 | 62.9 | 67.9 | 70.9 | 76.5 | 79.5 | 81.6 | 81.9 | 80.1 | 76.2 | 69.1 | 64.5 | 72.8 |

HEATING DEGREE DAYS (base 65°F) 2010 VERO BEACH (KVRB)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1983-84 | | | | | | | 167 | 105 | 83 | 20 | 0 | 0 | |
| 1984-85 | 0 | 0 | 0 | 0 | 34 | 56 | 278 | 132 | 20 | 17 | 0 | 0 | 537 |
| 1985-86 | 0 | 0 | 0 | 0 | 14 | 175 | 156 | 62 | 109 | 16 | 0 | 0 | 532 |
| 1986-87 | 0 | 0 | 0 | 0 | 0 | 17 | 191 | 77 | 49 | | 0 | 0 | |
| 1987-88 | 0 | 0 | 0 | 0 | 28 | 77 | 147 | 159 | 87 | 9 | 0 | 0 | 507 |
| 1988-89 | 0 | 0 | 0 | 0 | 5 | 90 | 22 | 105 | 41 | 3 | 0 | 0 | 266 |
| 1989-90 | 0 | 0 | 0 | 15 | 13 | 233 | 37 | 19 | 8 | 2 | 0 | 0 | 327 |
| 1990-91 | 0 | 0 | 0 | 4 | 5 | 44 | 52 | 76 | 43 | 0 | 0 | 0 | 224 |
| 1991-92 | 0 | 0 | 0 | 0 | 54 | 39 | 153 | 62 | 55 | 22 | 1 | 0 | 386 |
| 1992-93 | 0 | 0 | 0 | 0 | 26 | 55 | 37 | 95 | 65 | 14 | 0 | 0 | 292 |
| 1993-94 | 0 | 0 | 0 | 4 | 28 | 146 | 83 | 29 | 41 | 1 | 0 | 0 | 332 |
| 1994-95 | 0 | 0 | 0 | 0 | 0 | 54 | 163 | 136 | 6 | 6 | 0 | 0 | 365 |
| 1995-96 | 0 | 0 | 0 | 0 | 47 | 161 | 152 | 165 | 119 | 29 | 0 | 0 | 673 |
| 1996-97 | 0 | 0 | 0 | 0 | 11 | 61 | 108 | 27 | 0 | 7 | 0 | 0 | 214 |
| 1997-98 | 0 | 0 | 0 | 2 | 21 | 123 | 87 | 96 | 119 | 7 | 0 | 0 | 455 |
| 1998-99 | 0 | 0 | 0 | 0 | 3 | 44 | 83 | 93 | 75 | 11 | 7 | 0 | 316 |
| 1999-00 | 0 | 0 | 0 | 0 | 7 | 107 | 137 | 98 | 6 | 23 | 0 | 0 | 378 |
| 2000-01 | 0 | 0 | 0 | 0 | 46 | 141 | 266 | 25 | 53 | 13 | 0 | 0 | 544 |
| 2001-02 | 0 | 0 | 0 | 4 | 0 | 55 | 160 | 85 | 18 | 0 | 0 | 0 | 322 |
| 2002-03 | 0 | 0 | 0 | 0 | 50 | 140 | 286 | 72 | 11 | 14 | 0 | 0 | 573 |
| 2003-04 | 0 | 0 | 0 | 0 | 12 | 143 | 141 | 85 | 36 | 28 | 0 | 0 | 445 |
| 2004-05 | 0 | 0 | 0 | 1 | 3 | 130 | 115 | 82 | 91 | 21 | 0 | 0 | 443 |
| 2005-06 | 0 | 0 | 0 | 13 | 17 | 118 | 125 | 157 | 40 | 0 | 0 | 0 | 470 |
| 2006-07 | 0 | 0 | 0 | 5 | 58 | 17 | 79 | 110 | 34 | 13 | 0 | 0 | 316 |
| 2007-08 | 0 | 0 | 0 | 0 | 14 | 29 | 106 | 60 | 29 | 17 | 0 | 0 | 255 |
| 2008-09 | 0 | 0 | 0 | 18 | 80 | 64 | 179 | 133 | 45 | 26 | 0 | 0 | 545 |
| 2009-10 | 0 | 0 | 0 | 6 | 21 | 79 | 304 | 251 | 139 | 3 | 0 | 0 | 803 |
| 2010- | 0 | 0 | 0 | 0 | 28 | 338 | | | | | | | |

WBAN : 12843

COOLING DEGREE DAYS (base 65°F) 2010 VERO BEACH (KVRB)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1984 | 49 | 54 | 119 | 134 | 328 | 389 | 475 | 476 | 415 | 339 | 134 | 121 | 3033 |
| 1985 | 36 | 108 | 128 | 184 | 311 | 500 | 489 | 527 | 434 | 477 | 268 | 77 | 3539 |
| 1986 | 47 | 105 | 137 | 111 | 315 | 454 | 514 | 521 | 474 | 384 | 362 | 143 | 3567 |
| 1987 | 54 | 70 | 109 | | 340 | 495 | 542 | 553 | 507 | 286 | 217 | 120 | |
| 1988 | 62 | 43 | 113 | 207 | 311 | 464 | 517 | 524 | 522 | 318 | 238 | 84 | 3403 |
| 1989 | 101 | 127 | 198 | 228 | 366 | 461 | 523 | 542 | 509 | 369 | 183 | 26 | 3633 |
| 1990 | 138 | 172 | 174 | 243 | 439 | 474 | 527 | 540 | 500 | 429 | 193 | 150 | 3979 |
| 1991 | 156 | 89 | 159 | 316 | 449 | 490 | 547 | 553 | 495 | 377 | 174 | 125 | 3930 |
| 1992 | 48 | 101 | 120 | 198 | 299 | 474 | 556 | 523 | 492 | 335 | 274 | 96 | 3516 |
| 1993 | 153 | 33 | 100 | 127 | 332 | 457 | 554 | 538 | 491 | 385 | 224 | 29 | 3423 |
| 1994 | 84 | 144 | 176 | 298 | 366 | 486 | 506 | 490 | 459 | 379 | 279 | 128 | 3795 |
| 1995 | 39 | 63 | 160 | 248 | 461 | 475 | 541 | 558 | 501 | 448 | 132 | 78 | 3704 |
| 1996 | 89 | 66 | 118 | 170 | 374 | 435 | 528 | 516 | 531 | 371 | 229 | 84 | 3511 |
| 1997 | 102 | 193 | 288 | 221 | 396 | 490 | 578 | 550 | 462 | 350 | 154 | 114 | 3898 |
| 1998 | 99 | 54 | 115 | 211 | 361 | 559 | 553 | 538 | 493 | 413 | 215 | 156 | 3767 |
| 1999 | 99 | 68 | 59 | 235 | 291 | 423 | 508 | 536 | 452 | 358 | 165 | 63 | 3257 |
| 2000 | 34 | 44 | 155 | 175 | 389 | 456 | 516 | 492 | 483 | 298 | 112 | 93 | 3247 |
| 2001 | 24 | 139 | 165 | 211 | 342 | 464 | 499 | 497 | 411 | 369 | 187 | 159 | 3467 |
| 2002 | 78 | 55 | 172 | 279 | 407 | 438 | 490 | 508 | 509 | 411 | 128 | 75 | 3550 |
| 2003 | 5 | 103 | 286 | 185 | 423 | 475 | 520 | 509 | 457 | 361 | 243 | 49 | 3616 |
| 2004 | 27 | 83 | 135 | 165 | 373 | 503 | 519 | 532 | 523 | 344 | 189 | 68 | 3461 |
| 2005 | 75 | 52 | 126 | 125 | 339 | 470 | 588 | 579 | 496 | 388 | 193 | 63 | 3494 |
| 2006 | 79 | 48 | 104 | 279 | 338 | 467 | 507 | 510 | 466 | 330 | 164 | 224 | 3516 |
| 2007 | 153 | 62 | 177 | 205 | 366 | 442 | 515 | 574 | 507 | 480 | 156 | 142 | 3779 |
| 2008 | 76 | 141 | 140 | 177 | 359 | 446 | 491 | 526 | 475 | 346 | 101 | 101 | 3379 |
| 2009 | 29 | 39 | 107 | 202 | 365 | 490 | 523 | 541 | 483 | 423 | 203 | 142 | 3547 |
| 2010 | 42 | 22 | 28 | 190 | 409 | 526 | 581 | 584 | 512 | 323 | 172 | 4 | 3393 |

SNOWFALL (inches) 2010 VERO BEACH (KVRB)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1983-84 | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 1984-85 | 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 |
| 1985-86 | 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 |
| 1986-87 | 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 |
| 1987-88 | 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 |
| 1988-89 | 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 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T |
| 1990-91 | 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 |
| 1991-92 | 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 |
| 1992-93 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | T |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | T |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T |
| 1996-97 | 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 |
| 1997-98 | 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 |
| 1998-99 | 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 |
| 1999-00 | 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 |
| 2000-01 | 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 |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004-05 | | | | | | | | | | | | | |
| 2005-06 | | | | | | | | | | | | | |
| 2006-07 | | | | | | | | | | | | | |
| 2007-08 | | | | | | | | | | | | | |
| 2008-09 | | | | | | | | | | | | | |
| 2009-10 | | | | | | | | | | | | | |
| 2010 | | | | | | | | | | | | | |
| POR= 37 YRS | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | T | T |

WBAN : 12843

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. 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.</p> | <p>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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</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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2010 VERO BEACH FLORIDA (KVRB)

Vero Beach is located on the southeast coast of Florida, separated from the Atlantic Ocean by the Inland Waterway and a narrow island offshore. Its climate is strongly influenced by this maritime location. Temperatures in summer rarely reach 100 degrees. The average maximum temperature in July and August is about 90 degrees. In winter the average minimum temperature is slightly above 50 degrees with record lows near 20 degrees. On average, only one day a year experiences freezing temperatures, usually in January.

Rainfall occurs in all seasons but most abundantly in summer when showers are common. Thunderstorms are present approximately 70 to 80 days a year. Monthly precipitation amounts in winter are about half those in summer, and are due in part to cold frontal systems traversing the region. Throughout

the year, relative humidity at 7 A.M. tends to range from 80 to 90 percent. The 1 P.M. humidity ranges from 60 to 70 percent with lower values occurring in midafternoon when temperatures are the highest.

Vero Beach lies at the northern boundary of a tropical rainy region. Within that region during summer and fall there may be hurricane activity. Of those hurricanes that pass close to Vero Beach, many move northward offshore, some cross the peninsula of Florida moving generally eastward but being weakened by their passage over land, and some enter the coastal area from the Atlantic Ocean. The frequency of the latter group has been small, about 5 in 114 years.

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