

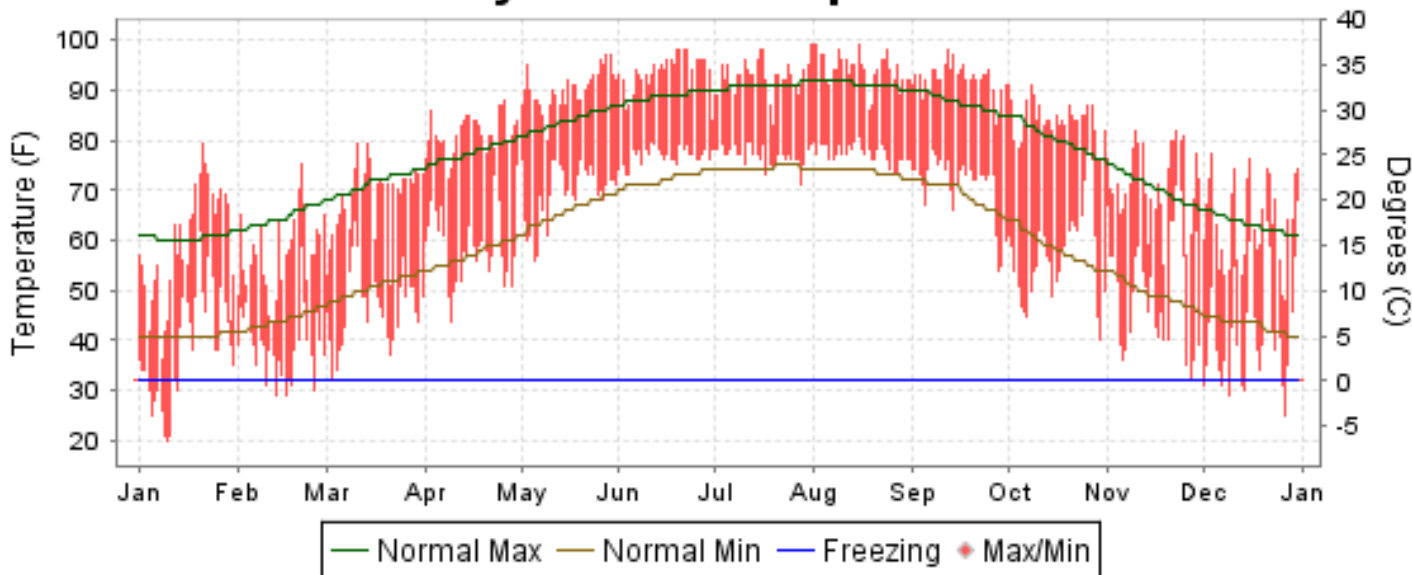


# 2010 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

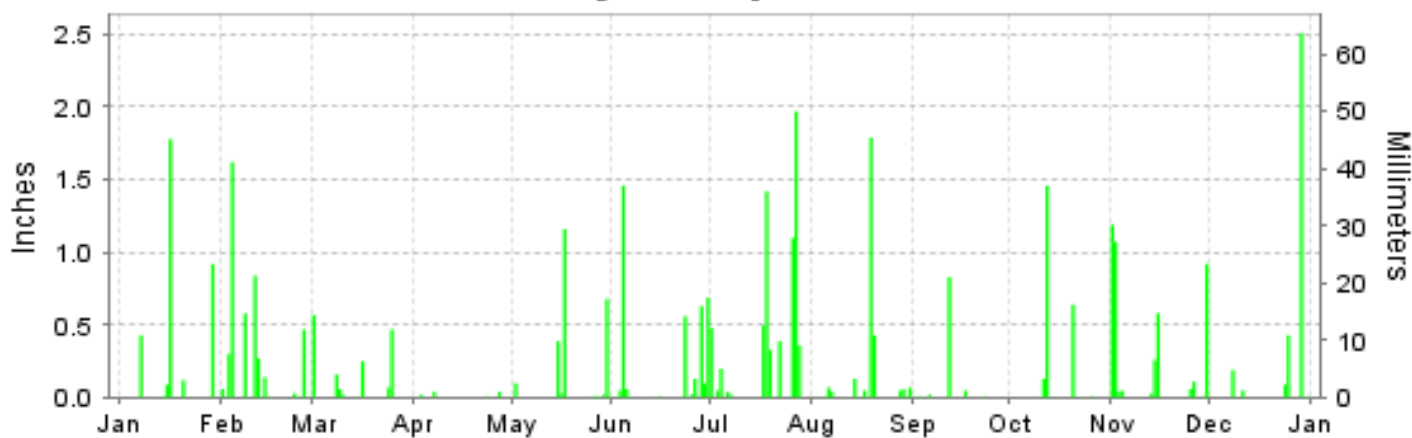
ISSN 0198-229X

## LAKE CHARLES, LOUISIANA (KLCH)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2010

## LAKE CHARLES (KLCH)

LATITUDE: 30 ° 7 'N      LONGITUDE: -93 ° 13'W      ELEVATION (FT): GRND: 9      BARO: 17      TIME ZONE: CENTRAL (UTC -6)      WBAN: 03937

| ELEMENT                  |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR    |     |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-----|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM          | 59.1  | 57.7  | 68.7  | 81.4  | 90.3  | 93.5  | 92.6  | 94.2  | 92.2  | 84.1  | 71.4  | 63.4   | 79.1    |     |
|                          | HIGHEST DAILY MAXIMUM       | 79    | 75    | 79    | 88    | 97    | 98    | 99    | 99    | 98    | 91    | 82    | 77     | 99      |     |
|                          | DATE OF OCCURRENCE          | 21    | 21    | 14+   | 26    | 29+   | 22+   | 31    | 15+   | 12    | 08+   | 23+   | 04     | AUG 15+ |     |
|                          | MEAN DAILY MINIMUM          | 38.7  | 38.8  | 46.9  | 58.7  | 69.5  | 76.8  | 76.7  | 77.2  | 71.0  | 57.0  | 49.9  | 41.8   | 58.6    |     |
|                          | LOWEST DAILY MINIMUM        | 20    | 29    | 32    | 44    | 56    | 73    | 71    | 73    | 54    | 40    | 32    | 25     | 20      |     |
|                          | DATE OF OCCURRENCE          | 10    | 16+   | 03    | 09    | 05    | 04+   | 28    | 27+   | 28    | 30    | 27    | 27     | JAN 10  |     |
|                          | AVERAGE DRY BULB            | 48.9  | 48.3  | 57.8  | 70.1  | 79.9  | 85.2  | 84.7  | 85.7  | 81.6  | 70.6  | 60.7  | 52.6   | 68.8    |     |
|                          | MEAN WET BULB               | 44.2  | 43.8  | 51.7  | 62.9  | 71.3  | 77.3  | 77.6  | 78.2  | 73.1  | 61.6  | 56.3  | 47.7   | 62.1    |     |
|                          | MEAN DEW POINT              | 38.9  | 38.8  | 46.1  | 58.0  | 67.1  | 74.7  | 75.1  | 75.5  | 69.5  | 55.2  | 52.5  | 42.3   | 57.8    |     |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | MAXIMUM >= 90°              | 0     | 0     | 0     | 0     | 19    | 25    | 25    | 28    | 27    | 2     | 0     | 0      | 0       | 126 |
|                          | MAXIMUM <= 32°              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0       | 0   |
|                          | MINIMUM <= 32°              | 10    | 6     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 7      | 25      |     |
| MINIMUM <= 0°            | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0       |     |
| H/C                      | HEATING DEGREE DAYS         | 492   | 466   | 224   | 11    | 0     | 0     | 0     | 0     | 0     | 13    | 185   | 391    | 1782    |     |
|                          | COOLING DEGREE DAYS         | 3     | 2     | 8     | 170   | 468   | 612   | 618   | 650   | 506   | 195   | 63    | 14     | 3309    |     |
| RH                       | MEAN (PERCENT)              | 72    | 73    | 69    | 70    | 70    | 74    | 78    | 77    | 74    | 66    | 78    | 72     | 73      |     |
|                          | HOUR 00 LST                 | 81    | 82    | 82    | 85    | 84    | 87    | 89    | 89    | 90    | 84    | 90    | 80     | 85      |     |
|                          | HOUR 06 LST                 | 83    | 85    | 85    | 86    | 86    | 89    | 90    | 92    | 93    | 83    | 89    | 82     | 87      |     |
|                          | HOUR 12 LST                 | 56    | 60    | 50    | 48    | 51    | 58    | 64    | 59    | 50    | 42    | 60    | 55     | 54      |     |
|                          | HOUR 18 LST                 | 66    | 64    | 59    | 61    | 61    | 66    | 68    | 67    | 63    | 58    | 75    | 70     | 65      |     |
| S                        | PERCENT POSSIBLE SUNSHINE   |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
| W/O                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | HEAVY FOG(VISBY <= 1/4 MI)  | 1     | 2     | 5     | 1     | 2     | 0     | 1     | 2     | 0     | 5     | 5     | 3      | 27      |     |
|                          | THUNDERSTORMS               | 1     | 2     | 1     | 0     | 6     | 9     | 9     | 11    | 3     | 2     | 3     | 1      | 48      |     |
| 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.)   | 30.13 | 30.05 | 29.98 | 29.95 | 29.92 | 29.94 | 29.98 | 29.91 | 29.93 | 30.04 | 30.06 | 30.11  | 30.00   |     |
|                          | MEAN SEA-LEVEL PRESS. (IN.) | 30.16 | 30.09 | 30.01 | 29.99 | 29.96 | 29.97 | 30.01 | 29.94 | 29.97 | 30.08 | 30.09 | 30.15  | 30.04   |     |
| WINDS                    | RESULTANT SPEED (MPH)       | 2.1   | 3.6   | 1.0   | 4.2   | 3.9   | 3.0   | 2.3   | 0.4   | 2.8   | 0.4   | 1.6   | 1.8    | 1.4     |     |
|                          | RES. DIR. (TENS OF DEGS.)   | 05    | 03    | 28    | 16    | 16    | 16    | 14    | 17    | 10    | 06    | 09    | 10     | 13      |     |
|                          | MEAN SPEED (MPH)            | 8.0   | 8.1   | 7.1   | 8.4   | 7.1   | 5.3   | 5.5   | 4.8   | 5.9   | 6.0   | 7.7   | 8.9    | 6.9     |     |
|                          | PREVAIL.DIR.(TENS OF DEGS.) | 36    | 35    | 21    | 16    | 17    | 17    | 10    | 22    | 08    | 21    | 17    | 13     | 16      |     |
|                          | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | SPEED (MPH)                 | 40    | 26    | 28    | 30    | 36    | 26    | 28    | 26    | 30    | 30    | 29    | 29     | 40      |     |
|                          | DIR. (TENS OF DEGS.)        | 07    | 34    | 07    | 15    | 02    | 16    | 07    | 19    | 13    | 01    | 01    | 34     | 07      |     |
|                          | DATE OF OCCURRENCE          | 15    | 09    | 01    | 24    | 30    | 03    | 17    | 19    | 17    | 28    | 04    | 12     | JAN 15  |     |
|                          | MAXIMUM 3-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | SPEED (MPH)                 | 51    | 39    | 36    | 41    | 46    | 36    | 41    | 32    | 36    | 36    | 39    | 41     | 51      |     |
| DIR. (TENS OF DEGS.)     | 07                          | 34    | 08    | 15    | 02    | 16    | 22    | 19    | 13    | 01    | 36    | 34    | 07     |         |     |
| DATE OF OCCURRENCE       | 15                          | 09    | 01    | 24    | 30    | 03    | 13    | 19    | 17    | 28    | 04    | 12    | JAN 15 |         |     |
| PRECIPITATION            | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | TOTAL (IN.)                 | 3.35  | 4.33  | 1.60  | 0.11  | 2.41  | 3.72  | 6.86  | 2.71  | 0.92  | 2.24  | 4.32  | 3.28   | 35.85   |     |
|                          | GREATEST 24-HOUR (IN.)      | 1.78  | 1.90  | 0.57  | 0.04  | 1.16  | 1.47  | 2.21  | 1.79  | 0.83  | 1.59  | 2.25  | 2.51   | 2.51    |     |
|                          | DATE OF OCCURRENCE          | 16    | 03-04 | 01    | 27+   | 17    | 03-04 | 27-28 | 19    | 12    | 11-12 | 01-02 | 29     | DEC 29  |     |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |         |     |
|                          | PRECIPITATION 0.01          | 6     | 11    | 7     | 4     | 9     | 11    | 12    | 11    | 5     | 4     | 11    | 6      | 97      |     |
| PRECIPITATION 0.10       | 4                           | 7     | 4     | 0     | 4     | 6     | 9     | 3     | 1     | 3     | 6     | 3     | 50     |         |     |
| PRECIPITATION 1.00       | 1                           | 1     | 0     | 0     | 1     | 1     | 3     | 1     | 0     | 1     | 2     | 1     | 12     |         |     |
| 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 LAKE CHARLES (KLCH)

**LATITUDE:** 30 ° 7 'N      **LONGITUDE:** -93 ° 13'W      **ELEVATION (FT):** GRND: 9      BARO: 17      **TIME ZONE:** CENTRAL (UTC -6)      **WBAN: 03937**

| ELEMENT                                  |  | POR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | YEAR     |
|--|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| <b>TEMPERATURE °F</b>                    | NORMAL DAILY MAXIMUM                               | 30  | 60.6  | 64.5  | 71.3  | 77.4  | 84.1  | 88.9  | 91.0  | 91.3  | 87.7  | 80.5  | 70.6  | 63.3  | 77.6     |
|  | MEAN DAILY MAXIMUM                                 | 49  | 60.6  | 64.0  | 71.0  | 78.0  | 84.3  | 89.2  | 91.0  | 91.3  | 87.7  | 80.7  | 71.1  | 63.5  | 77.7     |
|  | HIGHEST DAILY MAXIMUM                              | 46  | 82    | 83    | 90    | 95    | 99    | 102   | 102   | 107   | 105   | 94    | 87    | 82    | 107      |
|  | YEAR OF OCCURRENCE                                 |     | 2000  | 1972  | 2008  | 1987  | 2005  | 2009  | 1980  | 2000  | 2000  | 2006  | 1989  | 2007  | AUG 2000 |
|  | MEAN OF EXTREME MAXS.                              | 49  | 76.1  | 77.1  | 81.3  | 86.2  | 91.2  | 94.5  | 96.0  | 96.7  | 94.1  | 89.6  | 83.3  | 77.9  | 87.0     |
|  | NORMAL DAILY MINIMUM                               | 30  | 41.2  | 44.3  | 50.8  | 57.2  | 65.7  | 72.1  | 74.3  | 73.6  | 69.1  | 58.6  | 49.7  | 43.3  | 58.3     |
|  | MEAN DAILY MINIMUM                                 | 49  | 42.0  | 44.6  | 51.0  | 58.7  | 66.2  | 72.1  | 74.2  | 73.6  | 69.1  | 58.7  | 50.1  | 43.9  | 58.7     |
|  | LOWEST DAILY MINIMUM                               | 46  | 15    | 17    | 23    | 34    | 49    | 56    | 61    | 59    | 47    | 30    | 23    | 11    | 11       |
|  | YEAR OF OCCURRENCE                                 |     | 1985  | 1996  | 2002  | 1971  | 1996  | 1984  | 1967  | 2004  | 1967  | 1993  | 1976  | 1989  | DEC 1989 |
|  | MEAN OF EXTREME MINS.                              | 49  | 25.3  | 29.3  | 34.4  | 43.0  | 54.1  | 64.0  | 69.5  | 67.8  | 56.2  | 42.7  | 33.9  | 27.8  | 45.7     |
|  | NORMAL DRY BULB                                    | 30  | 50.9  | 54.4  | 61.0  | 67.3  | 74.9  | 80.5  | 82.6  | 82.4  | 78.4  | 69.5  | 60.1  | 53.3  | 67.9     |
|  | MEAN DRY BULB                                      | 49  | 51.3  | 54.3  | 61.0  | 68.3  | 75.3  | 80.7  | 82.6  | 82.5  | 78.4  | 69.7  | 60.6  | 53.7  | 68.2     |
|  | MEAN WET BULB                                      | 27  | 47.2  | 50.2  | 55.7  | 61.7  | 69.3  | 74.4  | 76.2  | 75.8  | 71.3  | 63.2  | 55.6  | 49.2  | 62.5     |
|  | MEAN DEW POINT                                     | 27  | 44.9  | 48.0  | 53.4  | 59.5  | 67.7  | 73.1  | 75.0  | 74.4  | 69.5  | 61.2  | 53.4  | 46.9  | 60.6     |
|  | NORMAL NO. DAYS WITH:<br>MAXIMUM >= 90             | 30  | 0.0   | 0.0   | 0.0   | 0.2   | 2.8   | 13.8  | 23.3  | 22.9  | 12.6  | 1.1   | 0.0   | 0.0   | 76.7     |
|  | MAXIMUM <= 32                                      | 30  | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.2      |
| MINIMUM <= 32                            | 30   | 5.4 | 2.4   | 0.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.9   | 4.1   | 13.5  |          |
| 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   |          |
| <b>H/C</b>                               | NORMAL HEATING DEG. DAYS                           | 30  | 434   | 304   | 163   | 47    | 1     | 0     | 0     | 0     | 1     | 38    | 191   | 367   | 1546     |
|  | NORMAL COOLING DEG. DAYS                           | 30  | 9     | 13    | 49    | 126   | 312   | 467   | 544   | 534   | 399   | 178   | 54    | 20    | 2705     |
| <b>RH</b>                                | NORMAL (PERCENT)                                   | 30  | 79    | 78    | 77    | 76    | 79    | 80    | 81    | 81    | 79    | 77    | 79    | 79    | 79       |
|  | HOURLY 00 LST                                      | 30  | 86    | 85    | 87    | 88    | 91    | 92    | 92    | 93    | 91    | 89    | 88    | 87    | 89       |
|  | HOURLY 06 LST                                      | 30  | 88    | 88    | 90    | 91    | 93    | 93    | 95    | 95    | 93    | 91    | 90    | 89    | 91       |
|  | HOURLY 12 LST                                      | 30  | 68    | 64    | 63    | 60    | 63    | 64    | 65    | 63    | 62    | 57    | 62    | 66    | 63       |
|  | HOURLY 18 LST                                      | 30  | 76    | 71    | 69    | 66    | 69    | 70    | 72    | 72    | 73    | 71    | 76    | 76    | 72       |
| <b>S</b>                                 | PERCENT POSSIBLE SUNSHINE                          | 19  | 62    | 66    | 74    | 76    | 76    | 83    | 83    | 81    | 78    | 75    | 67    | 58    | 73       |
| <b>W/O</b>                               | MEAN NO. DAYS WITH:<br>HEAVY FOG (VISIB <= 1/4 MI) | 47  | 7.1   | 5.4   | 6.3   | 3.5   | 2.1   | 0.8   | 0.7   | 0.8   | 2.0   | 5.7   | 6.0   | 6.5   | 46.9     |
|  | THUNDERSTORMS                                      | 49  | 3.1   | 2.8   | 4.0   | 4.2   | 6.9   | 10.1  | 13.9  | 12.9  | 7.3   | 3.1   | 3.0   | 2.8   | 74.1     |
| <b>CLOUDNESS</b>                         | MEAN:<br>SUNRISE-SUNSET (OKTAS)                    |     |       |       |       |       |       |       |       |       |       |       |       |       |          |
|  | MIDNIGHT-MIDNIGHT (OKTAS)                          |     |       |       |       |       |       |       |       |       |       |       |       |       |          |
|  | MEAN NO. DAYS WITH:<br>CLEAR                       | 1   | 1.0   | 1.0   | 7.0   |       | 11.0  | 7.0   |       |       |       |       |       |       |          |
|  | PARTLY CLOUDY                                      |     |       | 1.0   | 5.0   |       | 6.0   | 8.0   |       |       |       |       |       |       |          |
|  | CLOUDY   | 1   | 1.0   | 1.0   | 3.0   |       | 1.0   | 3.0   |       |       |       |       |       |       |          |
| <b>PR</b>                                | MEAN STATION PRESSURE (IN)                         | 27  | 30.13 | 30.09 | 30.02 | 29.97 | 29.94 | 29.94 | 29.99 | 29.97 | 29.95 | 30.02 | 30.08 | 30.12 | 30.02    |
|  | MEAN SEA-LEVEL PRES. (IN)                          | 27  | 30.17 | 30.12 | 30.05 | 30.01 | 29.98 | 29.98 | 30.03 | 30.00 | 29.99 | 30.05 | 30.11 | 30.15 | 30.05    |
| <b>WINDS</b>                             | MEAN SPEED (MPH)                                   | 27  | 8.9   | 9.3   | 9.1   | 8.9   | 7.8   | 6.7   | 5.7   | 5.4   | 6.7   | 7.4   | 8.0   | 8.7   | 7.7      |
|  | PREVAIL. DIR. (TENS OF DEGS)                       | 36  | 36    | 36    | 17    | 19    | 19    | 19    | 21    | 06    | 05    | 05    | 36    | 36    | 19       |
|  | MAXIMUM 2-MINUTE:<br>SPEED (MPH)                   | 15  | 40    | 36    | 39    | 43    | 53    | 51    | 40    | 38    | 58    | 36    | 36    | 39    | 58       |
|  | DIR. (TENS OF DEGS)                                |     | 07    | 16    | 14    | 03    | 02    | 34    | 05    | 06    | 04    | 34    | 02    | 13    | 04       |
|  | YEAR OF OCCURRENCE                                 |     | 2010  | 1998  | 2008  | 1997  | 2007  | 2007  | 2009  | 2008  | 2005  | 2002  | 2007  | 2006  | SEP 2005 |
|  | MAXIMUM 3-SECOND<br>SPEED (MPH)                    | 15  | 51    | 48    | 52    | 54    | 66    | 71    | 53    | 51    | 77    | 47    | 43    | 46    | 77       |
|  | DIR. (TENS OF DEGS)                                |     | 07    | 20    | 15    | 02    | 02    | 34    | 04    | 03    | 13    | 35    | 03    | 23    | 13       |
|  | YEAR OF OCCURRENCE                                 |     | 2010  | 1997  | 2008  | 1997  | 2007  | 2007  | 2009  | 2000  | 2008  | 2002  | 2007  | 2009  | SEP 2008 |
| <b>PRECIPITATION</b>                     | NORMAL (IN)  | 30  | 5.52  | 3.28  | 3.54  | 3.64  | 6.06  | 6.07  | 5.13  | 4.85  | 5.95  | 3.94  | 4.61  | 4.60  | 57.19    |
|  | MAXIMUM MONTHLY (IN)                               | 49  | 14.29 | 7.99  | 9.24  | 10.95 | 20.71 | 25.33 | 13.19 | 17.36 | 19.96 | 21.44 | 11.85 | 13.27 | 25.33    |
|  | YEAR OF OCCURRENCE                                 |     | 1991  | 2004  | 2001  | 1973  | 1980  | 1989  | 1979  | 1962  | 1973  | 2002  | 2000  | 1967  | JUN 1989 |
|  | MINIMUM MONTHLY (IN)                               | 49  | 0.41  | 0.43  | 0.19  | 0.11  | 0.04  | 0.84  | 0.48  | 0.77  | 0.43  | T     | 0.11  | 2.02  | T        |
|  | YEAR OF OCCURRENCE                                 |     | 2009  | 2001  | 2006  | 2010  | 1998  | 1969  | 1962  | 1999  | 1989  | 1963  | 1967  | 2000  | OCT 1963 |
|  | MAXIMUM IN 24 HOURS (IN)                           | 49  | 5.80  | 3.40  | 4.91  | 5.50  | 16.88 | 7.09  | 6.59  | 14.10 | 11.20 | 7.50  | 4.02  | 6.88  | 16.88    |
|  | YEAR OF OCCURRENCE                                 |     | 1991  | 1997  | 1973  | 1973  | 1980  | 1981  | 1987  | 1962  | 1979  | 1996  | 1993  | 1971  | MAY 1980 |
|  | NORMAL NO. DAYS WITH:<br>PRECIPITATION >= 0.01     | 30  | 10.2  | 8.4   | 8.6   | 7.3   | 7.7   | 9.9   | 11.3  | 10.3  | 9.6   | 6.6   | 8.6   | 9.3   | 107.8    |
|  | PRECIPITATION >= 1.00                              | 30  | 1.6   | 1.0   | 1.2   | 0.9   | 1.8   | 2.1   | 1.5   | 1.4   | 1.7   | 1.4   | 1.4   | 1.3   | 17.3     |
| <b>SNOWFALL</b>                          | NORMAL (IN)  | 30  | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3      |
|  | MAXIMUM MONTHLY (IN)                               | 34  | 4.0   | 1.6   | T     | T     | T     | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.2   | 4.0      |
|  | YEAR OF OCCURRENCE                                 |     | 1973  | 1988  | 1968  | 1993  | 1992  |       |       | 1994  |       |       | 1976  | 1989  | JAN 1973 |
|  | MAXIMUM IN 24 HOURS (IN)                           | 34  | 4.0   | 1.6   | T     | T     | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | T     | 0.2   | 4.0      |
|  | YEAR OF OCCURRENCE                                 |     | 1973  | 1988  | 1968  | 1993  | 1992  |       |       | 1994  |       |       | 1976  | 1989  | JAN 1973 |
|  | MAXIMUM SNOW DEPTH (IN)                            | 34  | 4     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4        |
|  | YEAR OF OCCURRENCE                                 |     | 1973  |       |       |       |       |       |       |       |       |       |       |       | JAN 1973 |
| NORMAL NO. DAYS WITH:<br>SNOWFALL >= 1.0 | 30   | 0.1 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   |          |

**PRECIPITATION (inches) 2010 LAKE CHARLES (KLCH)**

| YEAR           | JAN   | FEB  | MAR  | APR  | MAY   | JUN   | JUL   | AUG  | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|----------------|-------|------|------|------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| 1981           | 2.06  | 3.13 | 1.70 | 1.26 | 5.88  | 14.42 | 7.65  | 3.51 | 2.56  | 3.72  | 1.50  | 2.53  | 49.92  |
| 1982           | 2.12  | 2.39 | 2.73 | 4.04 | 5.61  | 4.90  | 3.03  | 7.13 | 8.51  | 3.00  | 6.41  | 10.76 | 60.63  |
| 1983           | 5.85  | 4.36 | 2.63 | 1.73 | 10.19 | 4.13  | 1.87  | 8.74 | 8.64  | 0.23  | 3.56  | 3.03  | 54.96  |
| 1984           | 4.54  | 5.42 | 1.89 | 1.86 | 8.24  | 3.84  | 5.36  | 4.86 | 6.81  | 12.22 | 2.80  | 4.09  | 61.93  |
| 1985           | 3.41  | 6.78 | 3.56 | 1.25 | 3.74  | 1.48  | 4.22  | 6.81 | 2.09  | 12.75 | 3.00  | 3.75  | 52.84  |
| 1986           | 2.72  | 0.93 | 1.91 | 2.80 | 6.02  | 5.84  | 4.14  | 4.96 | 6.22  | 5.01  | 8.26  | 9.84  | 58.65  |
| 1987           | 6.76  | 5.75 | 4.49 | 0.47 | 3.44  | 10.95 | 9.15  | 3.10 | 3.80  | 3.13  | 6.58  | 4.92  | 62.54  |
| 1988           | 2.75  | 5.52 | 6.30 | 3.32 | 2.95  | 5.66  | 6.02  | 7.66 | 7.76  | 2.37  | 4.02  | 4.80  | 59.13  |
| 1989           | 4.58  | 0.62 | 4.98 | 2.24 | 7.56  | 25.33 | 5.26  | 2.72 | 0.43  | 0.75  | 3.94  | 2.15  | 60.56  |
| 1990           | 8.91  | 5.13 | 5.31 | 3.55 | 3.79  | 3.83  | 3.51  | 0.94 | 9.55  | 1.48  | 3.64  | 4.04  | 53.68  |
| 1991           | 14.29 | 2.61 | 2.35 | 6.66 | 14.76 | 7.65  | 2.30  | 7.36 | 3.65  | 3.37  | 3.16  | 2.16  | 70.32  |
| 1992           | 11.08 | 3.87 | 4.10 | 7.16 | 2.68  | 8.19  | 6.07  | 2.46 | 3.56  | 2.26  | 7.42  | 3.84  | 62.69  |
| 1993           | 6.83  | 4.26 | 4.69 | 8.19 | 6.62  | 9.85  | 1.69  | 2.71 | 1.27  | 3.83  | 6.90  | 2.49  | 59.33  |
| 1994           | 3.81  | 1.50 | 1.95 | 3.00 | 2.96  | 4.01  | 6.78  | 4.95 | 3.46  | 3.16  | 1.60  | 6.97  | 44.15  |
| 1995           | 5.29  | 2.45 | 6.36 | 4.04 | 6.40  | 3.83  | 9.81  | 5.96 | 4.75  | 3.01  | 7.01  | 6.45  | 65.36  |
| 1996           | 2.48  | 1.65 | 0.80 | 1.93 | 1.92  | 7.22  | 5.49  | 9.44 | 7.38  | 9.57  | 3.36  | 2.55  | 53.79  |
| 1997           | 5.93  | 7.46 | 3.43 | 8.04 | 8.19  | 1.90  | 5.15  | 5.35 | 7.22  | 2.79  | 4.52  | 5.72  | 65.70  |
| 1998           | 10.01 | 5.13 | 3.75 | 2.44 | 0.04  | 5.05  | 1.93  | 3.70 | 12.58 | 5.41  | 2.92  | 3.62  | 56.58  |
| 1999           | 5.43  | 1.32 | 3.73 | 0.40 | 4.06  | 9.81  | 3.90  | T    | 1.97  | 1.28  | 0.99  | 4.49  | 37.38  |
| 2000           | 1.57  | 0.74 | 2.26 | 5.49 | 8.45  | 5.20  | 4.66  | 1.29 | 3.13  | 1.70  | 11.85 | 2.02  | 48.36  |
| 2001           | 6.03  | 0.43 | 9.24 | 2.65 | 1.36  | 7.74  | 5.04  | 7.74 | 9.70  | 4.82  | 2.94  | 5.18  | 62.87  |
| 2002           | 3.28  | 2.31 | 5.34 | 3.05 | 2.11  | 13.50 | 6.68  | 7.99 | 4.42  | 21.44 | 5.57  | 9.49  | 85.18  |
| 2003           | 1.86  | 4.60 | 3.71 | 1.02 | 0.51  | 6.94  | 3.00  | 4.27 | 8.48  | 2.58  | 3.56  | 3.41  | 43.94  |
| 2004           | 8.83  | 7.99 | 3.41 | 5.13 | 10.55 | 11.29 | 2.93  | 3.05 | 2.00  | 2.77  | 6.91  | 3.68  | 68.54  |
| 2005           | 5.86  | 5.50 | 2.96 | 1.01 | 3.73  | 1.59  | 5.57  | 3.16 | 8.74  | 1.35  | 2.40  | 3.92  | 45.79  |
| 2006           | 1.92  | 2.73 | 0.19 | 2.45 | 2.79  | 8.03  | 13.08 | 4.57 | 2.81  | 10.92 | 1.49  | 6.05  | 57.03  |
| 2007           | 8.79  | 0.67 | 4.39 | 2.96 | 11.33 | 5.31  | 11.43 | 5.08 | 5.72  | 3.45  | 6.18  | 3.14  | 68.45  |
| 2008           | 6.19  | 2.26 | 3.46 | 3.62 | 3.12  | 2.75  | 5.36  | 5.44 | 4.38  | 1.45  | 3.41  | 2.99  | 44.43  |
| 2009           | 0.41  | 2.01 | 6.50 | 7.94 | 4.49  | 1.35  | 11.01 | 8.01 | 5.26  | 14.96 | 2.60  | 9.01  | 73.55  |
| 2010           | 3.35  | 4.33 | 1.60 | 0.11 | 2.41  | 3.72  | 6.86  | 2.71 | 0.92  | 2.24  | 4.32  | 3.28  | 35.85  |
| POR=<br>49 YRS | 5.07  | 3.34 | 3.48 | 3.53 | 5.40  | 5.76  | 5.44  | 5.12 | 5.48  | 4.47  | 4.34  | 4.84  | 56.27  |

WBAN : 03937

**AVERAGE TEMPERATURE (°F) 2010 LAKE CHARLES (KLCH)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1981           | 47.8 | 52.5 | 59.3 | 71.6 | 73.2 | 81.2 | 82.5 | 82.0 | 76.5 | 69.7 | 61.9 | 52.7 | 67.6   |
| 1982           | 52.3 | 51.7 | 63.5 | 66.4 | 74.2 | 80.4 | 82.0 | 82.0 | 76.4 | 69.0 | 61.6 | 57.2 | 68.1   |
| 1983           | 49.3 | 52.6 | 57.8 | 63.5 | 73.4 | 78.5 | 83.5 | 83.5 | 76.9 | 70.3 | 62.5 | 48.2 | 66.7   |
| 1984           | 48.1 | 56.0 | 62.5 | 69.7 | 75.6 | 79.5 | 80.9 | 80.9 | 75.9 | 73.7 | 58.1 | 62.5 | 68.6   |
| 1985           | 45.1 | 49.9 | 64.7 | 69.9 | 75.4 | 81.1 | 81.9 | 83.2 | 77.5 | 71.9 | 66.2 | 49.4 | 68.0   |
| 1986           | 51.9 | 57.5 | 60.0 | 68.6 | 75.5 | 81.5 | 84.1 | 82.0 | 81.7 | 69.3 | 63.8 | 51.4 | 68.9   |
| 1987           | 49.3 | 55.3 | 58.7 | 66.1 | 76.6 | 80.3 | 82.6 | 84.4 | 78.0 | 66.2 | 60.4 | 57.1 | 67.9   |
| 1988           | 47.5 | 53.1 | 60.3 | 68.1 | 73.7 | 79.2 | 82.2 | 83.2 | 78.9 | 68.2 | 64.1 | 55.0 | 67.8   |
| 1989           | 57.7 | 53.1 | 61.1 | 67.2 | 77.3 | 80.0 | 82.3 | 82.4 | 77.1 | 69.4 | 62.1 | 45.0 | 67.9   |
| 1990           | 56.0 | 59.3 | 61.5 | 66.8 | 75.2 | 82.3 | 81.3 | 82.7 | 78.7 | 67.1 | 61.7 | 55.0 | 69.0   |
| 1991           | 50.3 | 56.7 | 62.0 | 70.5 | 76.3 | 80.5 | 82.5 | 81.0 | 77.3 | 71.4 | 55.6 | 57.0 | 68.4   |
| 1992           | 51.3 | 58.6 | 63.2 | 68.0 | 73.9 | 81.6 | 83.0 | 79.7 | 78.4 | 69.8 | 56.2 | 56.8 | 68.4   |
| 1993           | 53.5 | 54.7 | 59.5 | 64.8 | 73.4 | 80.5 | 83.3 | 84.2 | 79.6 | 68.9 | 57.2 | 53.7 | 67.8   |
| 1994           | 50.6 | 55.3 | 61.6 | 69.3 | 74.8 | 82.4 | 83.0 | 82.4 | 78.2 | 71.5 | 65.3 | 56.9 | 69.3   |
| 1995           | 53.6 | 57.9 | 63.2 | 69.3 | 77.8 | 81.2 | 84.8 | 85.7 | 81.0 | 70.5 | 61.1 | 55.0 | 70.1   |
| 1996           | 51.4 | 54.5 | 56.6 | 65.8 | 77.1 | 80.0 | 83.1 | 81.1 | 77.4 | 69.4 | 61.0 | 56.5 | 67.8   |
| 1997           | 51.2 | 55.3 | 65.3 | 63.7 | 74.1 | 80.5 | 83.6 | 82.5 | 79.5 | 69.2 | 57.3 | 50.9 | 67.8   |
| 1998           | 56.3 | 54.8 | 59.6 | 66.2 | 77.8 | 83.3 | 84.9 | 84.5 | 82.1 | 72.1 | 64.1 | 56.0 | 70.1   |
| 1999           | 56.5 | 59.5 | 60.7 | 72.1 | 74.9 | 80.4 | 82.3 | 85.9 | 77.7 | 69.2 | 60.8 | 53.0 | 69.4   |
| 2000           | 54.9 | 60.8 | 65.9 | 66.7 | 77.9 | 81.2 | 83.6 | 84.3 | 79.0 | 69.3 | 57.7 | 46.6 | 69.0   |
| 2001           | 48.3 | 58.5 | 57.2 | 71.8 | 75.1 | 79.4 | 83.3 | 81.9 | 76.6 | 66.9 | 63.6 | 55.9 | 68.2   |
| 2002           | 53.8 | 50.9 | 61.3 | 71.4 | 74.8 | 80.0 | 82.5 | 83.1 | 79.5 | 71.9 | 59.0 | 53.7 | 68.5   |
| 2003           | 48.2 | 53.0 | 60.7 | 68.1 | 77.8 | 81.5 | 82.4 | 83.1 | 77.2 | 70.1 | 63.3 | 53.2 | 68.2   |
| 2004           | 53.2 | 52.1 | 65.3 | 67.9 | 74.9 | 80.9 | 83.5 | 81.6 | 80.5 | 76.0 | 63.7 | 52.7 | 69.4   |
| 2005           | 56.4 | 57.8 | 60.2 | 67.2 | 75.5 | 82.4 | 83.3 | 84.3 | 82.7 | 70.4 | 62.8 | 51.9 | 69.6   |
| 2006           | 57.0 | 54.2 | 64.6 | 72.5 | 75.5 | 81.4 | 82.3 | 83.5 | 78.0 | 70.5 | 60.2 | 54.3 | 69.5   |
| 2007           | 50.9 | 51.8 | 63.1 | 63.8 | 75.5 | 80.9 | 81.6 | 84.5 | 80.3 | 72.0 | 62.2 | 58.0 | 68.7   |
| 2008           | 51.1 | 58.6 | 62.2 | 68.5 | 76.4 | 82.5 | 83.0 | 82.2 | 77.1 | 68.2 | 59.6 | 55.5 | 68.7   |
| 2009           | 53.4 | 57.7 | 62.1 | 67.9 | 76.2 | 82.7 | 83.9 | 83.5 | 78.9 | 71.0 | 61.0 | 50.9 | 69.1   |
| 2010           | 48.9 | 48.3 | 57.8 | 70.1 | 79.9 | 85.2 | 84.7 | 85.7 | 81.6 | 70.6 | 60.7 | 52.6 | 68.8   |
| POR=<br>49 YRS | 51.3 | 54.3 | 61.0 | 68.3 | 75.3 | 80.7 | 82.6 | 82.5 | 78.4 | 69.7 | 60.6 | 53.7 | 68.2   |

**HEATING DEGREE DAYS (base 65°F) 2010 LAKE CHARLES (KLCH)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1981-82 | 0   | 0   | 5   | 71  | 118 | 378 | 423 | 368 | 156 | 83  | 0   | 0   | 1602  |
| 1982-83 | 0   | 0   | 4   | 41  | 162 | 286 | 478 | 339 | 229 | 93  | 0   | 0   | 1632  |
| 1983-84 | 0   | 0   | 6   | 27  | 140 | 533 | 516 | 265 | 130 | 24  | 1   | 0   | 1642  |
| 1984-85 | 0   | 0   | 7   | 14  | 234 | 155 | 610 | 432 | 67  | 23  | 0   | 0   | 1542  |
| 1985-86 | 0   | 0   | 0   | 20  | 79  | 478 | 400 | 225 | 168 | 18  | 0   | 0   | 1388  |
| 1986-87 | 0   | 0   | 0   | 21  | 128 | 417 | 480 | 266 | 200 | 83  | 0   | 0   | 1595  |
| 1987-88 | 0   | 0   | 0   | 43  | 176 | 264 | 538 | 347 | 179 | 22  | 0   | 0   | 1569  |
| 1988-89 | 0   | 0   | 0   | 12  | 123 | 309 | 249 | 363 | 198 | 62  | 0   | 0   | 1316  |
| 1989-90 | 0   | 0   | 0   | 47  | 165 | 618 | 284 | 173 | 150 | 57  | 0   | 0   | 1494  |
| 1990-91 | 0   | 0   | 1   | 80  | 141 | 333 | 449 | 229 | 143 | 14  | 1   | 0   | 1391  |
| 1991-92 | 0   | 0   | 0   | 14  | 317 | 275 | 419 | 195 | 104 | 34  | 5   | 0   | 1363  |
| 1992-93 | 0   | 0   | 0   | 2   | 281 | 254 | 350 | 282 | 191 | 74  | 0   | 0   | 1434  |
| 1993-94 | 0   | 0   | 0   | 62  | 260 | 365 | 446 | 292 | 159 | 48  | 0   | 0   | 1632  |
| 1994-95 | 0   | 0   | 0   | 21  | 82  | 266 | 361 | 211 | 135 | 17  | 0   | 0   | 1093  |
| 1995-96 | 0   | 0   | 0   | 17  | 168 | 350 | 415 | 328 | 283 | 86  | 2   | 0   | 1649  |
| 1996-97 | 0   | 0   | 0   | 32  | 156 | 281 | 444 | 279 | 72  | 74  | 0   | 0   | 1338  |
| 1997-98 | 0   | 0   | 0   | 57  | 236 | 435 | 273 | 278 | 217 | 46  | 0   | 0   | 1542  |
| 1998-99 | 0   | 0   | 0   | 12  | 87  | 330 | 286 | 194 | 141 | 25  | 0   | 0   | 1075  |
| 1999-00 | 0   | 0   | 0   | 48  | 141 | 374 | 324 | 174 | 76  | 59  | 0   | 0   | 1196  |
| 2000-01 | 0   | 0   | 4   | 48  | 269 | 562 | 510 | 213 | 242 | 20  | 0   | 0   | 1868  |
| 2001-02 | 0   | 0   | 0   | 66  | 89  | 302 | 367 | 390 | 200 | 20  | 4   | 0   | 1438  |
| 2002-03 | 0   | 0   | 0   | 6   | 203 | 353 | 517 | 333 | 141 | 44  | 0   | 0   | 1597  |
| 2003-04 | 0   | 0   | 0   | 20  | 127 | 360 | 372 | 367 | 58  | 38  | 3   | 0   | 1345  |
| 2004-05 | 0   | 0   | 0   | 4   | 102 | 388 | 295 | 220 | 177 | 17  | 1   | 0   | 1204  |
| 2005-06 | 0   | 0   | 0   | 49  | 155 | 406 | 249 | 304 | 87  | 1   | 0   | 0   | 1251  |
| 2006-07 | 0   | 0   | 0   | 22  | 181 | 339 | 446 | 365 | 114 | 95  | 0   | 0   | 1562  |
| 2007-08 | 0   | 0   | 0   | 35  | 149 | 263 | 430 | 200 | 165 | 44  | 2   | 0   | 1288  |
| 2008-09 | 0   | 0   | 0   | 49  | 183 | 319 | 364 | 216 | 148 | 45  | 0   | 0   | 1324  |
| 2009-10 | 0   | 0   | 0   | 36  | 140 | 434 | 492 | 466 | 224 | 11  | 0   | 0   | 1803  |
| 2010-   | 0   | 0   | 0   | 13  | 185 | 391 |     |     |     |     |     |     |       |

WBAN : 03937

**COOLING DEGREE DAYS (base 65°F) 2010 LAKE CHARLES (KLCH)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1981 | 0   | 4   | 13  | 211 | 264 | 495 | 551 | 535 | 356 | 224 | 35  | 6   | 2694  |
| 1982 | 33  | 5   | 115 | 129 | 292 | 470 | 534 | 535 | 350 | 174 | 68  | 52  | 2757  |
| 1983 | 0   | 0   | 15  | 53  | 268 | 410 | 580 | 582 | 368 | 199 | 69  | 15  | 2559  |
| 1984 | 0   | 12  | 59  | 173 | 337 | 440 | 502 | 501 | 343 | 293 | 36  | 84  | 2780  |
| 1985 | 0   | 12  | 60  | 177 | 328 | 495 | 528 | 571 | 381 | 242 | 122 | 3   | 2919  |
| 1986 | 0   | 22  | 20  | 135 | 332 | 503 | 600 | 535 | 509 | 161 | 99  | 4   | 2920  |
| 1987 | 1   | 2   | 11  | 121 | 368 | 469 | 553 | 606 | 397 | 85  | 46  | 24  | 2683  |
| 1988 | 3   | 8   | 43  | 122 | 278 | 432 | 541 | 573 | 423 | 117 | 104 | 7   | 2651  |
| 1989 | 30  | 36  | 84  | 137 | 388 | 455 | 543 | 547 | 370 | 191 | 82  | 4   | 2867  |
| 1990 | 14  | 23  | 49  | 118 | 321 | 526 | 512 | 557 | 421 | 151 | 52  | 31  | 2775  |
| 1991 | 0   | 4   | 58  | 184 | 357 | 470 | 550 | 506 | 375 | 220 | 43  | 34  | 2801  |
| 1992 | 0   | 16  | 56  | 131 | 290 | 502 | 563 | 463 | 411 | 159 | 24  | 8   | 2623  |
| 1993 | 0   | 2   | 26  | 73  | 267 | 469 | 574 | 605 | 445 | 189 | 36  | 18  | 2704  |
| 1994 | 6   | 28  | 60  | 181 | 311 | 529 | 562 | 547 | 400 | 230 | 97  | 21  | 2972  |
| 1995 | 12  | 18  | 86  | 151 | 400 | 489 | 621 | 648 | 485 | 191 | 57  | 46  | 3204  |
| 1996 | 3   | 34  | 29  | 118 | 384 | 458 | 566 | 504 | 380 | 175 | 46  | 23  | 2720  |
| 1997 | 25  | 14  | 88  | 42  | 292 | 473 | 582 | 547 | 441 | 196 | 12  | 2   | 2714  |
| 1998 | 10  | 0   | 55  | 88  | 405 | 556 | 625 | 611 | 520 | 239 | 61  | 56  | 3226  |
| 1999 | 29  | 45  | 18  | 242 | 314 | 471 | 544 | 654 | 386 | 186 | 23  | 10  | 2922  |
| 2000 | 17  | 55  | 111 | 115 | 410 | 492 | 584 | 604 | 429 | 189 | 55  | 0   | 3061  |
| 2001 | 0   | 38  | 4   | 233 | 317 | 436 | 570 | 530 | 357 | 132 | 52  | 28  | 2697  |
| 2002 | 26  | 3   | 91  | 219 | 312 | 453 | 548 | 570 | 442 | 229 | 29  | 8   | 2930  |
| 2003 | 1   | 6   | 14  | 143 | 405 | 503 | 543 | 570 | 370 | 186 | 86  | 0   | 2827  |
| 2004 | 15  | 1   | 71  | 133 | 317 | 484 | 583 | 523 | 473 | 350 | 71  | 15  | 3036  |
| 2005 | 36  | 26  | 36  | 88  | 335 | 529 | 577 | 606 | 537 | 225 | 96  | 4   | 3095  |
| 2006 | 6   | 8   | 84  | 234 | 334 | 497 | 545 | 583 | 397 | 200 | 44  | 12  | 2944  |
| 2007 | 17  | 1   | 63  | 66  | 335 | 485 | 524 | 610 | 464 | 259 | 70  | 54  | 2948  |
| 2008 | 8   | 22  | 85  | 155 | 361 | 530 | 565 | 541 | 371 | 156 | 28  | 31  | 2853  |
| 2009 | 13  | 17  | 68  | 140 | 353 | 540 | 591 | 581 | 420 | 229 | 27  | 3   | 2982  |
| 2010 | 3   | 2   | 8   | 170 | 468 | 612 | 618 | 650 | 506 | 195 | 63  | 14  | 3309  |

**SNOWFALL (inches) 2010 LAKE CHARLES (KLCH)**

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1976-77        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1977-78        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 1.0   |
| 1978-79        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1979-80        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1981-82        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2   |
| 1982-83        | 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   |
| 1983-84        | 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   |
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1987-88        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6   |
| 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 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2   |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | T     |
| 1991-92        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | T   | 0.0 | T     |
| 1992-93        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T     |
| 1993-94        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1994-95        | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1995-96        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   |     |     |     |     |     |       |
| 1996-97        |     |     |     |     |     | T   |     |     |     |     |     | 0.0 |       |
| 1997-98        |     |     |     |     |     | 0.0 |     |     |     |     |     |     |       |
| 1998-99        | 0.0 |     |     |     |     |     |     |     |     |     |     |     |       |
| 1999-00        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2000-01        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2001-02        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2002-03        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2003-04        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2004-05        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2005-          |     |     |     |     |     |     |     |     |     |     |     |     |       |
| POR=<br>35 YRS | T   | 0.0 | 0.0 | 0.0 | T   | T   | 0.1 | 0.1 | 0.0 | T   | T   | 0.0 | 0.2   |

WBAN : 03937

**REFERENCE NOTES :**

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| <p>PAGE 1:<br/>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:<br/>H/C INDICATES HEATING AND COOLING DEGREE DAYS.<br/>RH INDICATES RELATIVE HUMIDITY<br/>W/O INDICATES WEATHER AND OBSTRUCTIONS<br/>S INDICATES SUNSHINE.<br/>PR INDICATES PRESSURE.<br/>CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL:<br/>T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.<br/>+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.<br/>BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.<br/>NORMALS ARE 30-YEAR AVERAGES (1971 - 2000).<br/>ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.<br/>PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.<br/>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.<br/>WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.<br/>0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.<br/>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.<br/>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.<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.<br/>WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.</p> | <p>GENERAL CONTINUED:<br/>WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.<br/>RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.<br/>AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.<br/>SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.<br/>A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.<br/>DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.<br/>DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.<br/>WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.<br/>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.<br/>STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: <a href="https://mi3.ncdc.noaa.gov/mi3qry/login.cfm">https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</a><br/>SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b><br/>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 LAKE CHARLES LOUISIANA (KLCH)

Lake Charles is located on the east side of the lake of the same name. The Calcasieu River enters and exits Lake Charles and several other lakes in the area on its way to the Gulf of Mexico. The terrain is flat, level coastal plain. Extensive marshes begin some 10 to 15 miles south and extend to the coast. Area elevations range from near sea level to about 25 feet above sea level. The National Weather Service Office is at the Lake Charles Municipal Airport, about 7 miles south of the downtown area. Calcasieu Lake is only 6 miles southwest of the airport.

The general classification of the Lake Charles climate is humid subtropical with a strong maritime character. The climate is influenced to a large degree by the amount of water surface in the immediate area and the proximity of the Gulf of Mexico.

Prevailing wind flow is southerly during much of the year. The flow of air from the Gulf of Mexico helps to temper extremes of summer heat, shorten the duration of winter cold spells and provide a source of abundant rain. Winds are usually rather light.

Rainfall is heavy, with the normal annual total more than 50 inches. Amounts are substantial in all seasons. Almost all rainfall occurs from brief convective showers, except occasionally during winter when nearly continuous frontal rains may persist for a few days. In spite of the large normal rainfall amounts, dry spells of two or three weeks duration are not uncommon.

The winter months are normally mild with cold spells usually of short duration. Temperatures of 20 degrees and below are extremely rare, occurring only about one year in five.

Snow is a negligible. Many years pass without measurable snowfall. However, on rare occasions, as much as 22 inches of snow have fallen at Lake Charles. Freezing rain and sleet are only a little less uncommon than snow.

The summer weather is consistently quite warm and humid but the temperature rarely reaches the 100 degree mark. The humidity is often above 90 percent at night and seldom falls below 50 percent during the afternoons.

The spring and fall seasons are very mild and pleasant with only brief rains interrupting long periods of dry sunny weather.

Severe local storms may occur during any season but are most frequent in the spring. The area weather is occasionally influenced by tropical storms or hurricanes. Some of these storms may be accompanied by tornadoes.

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