

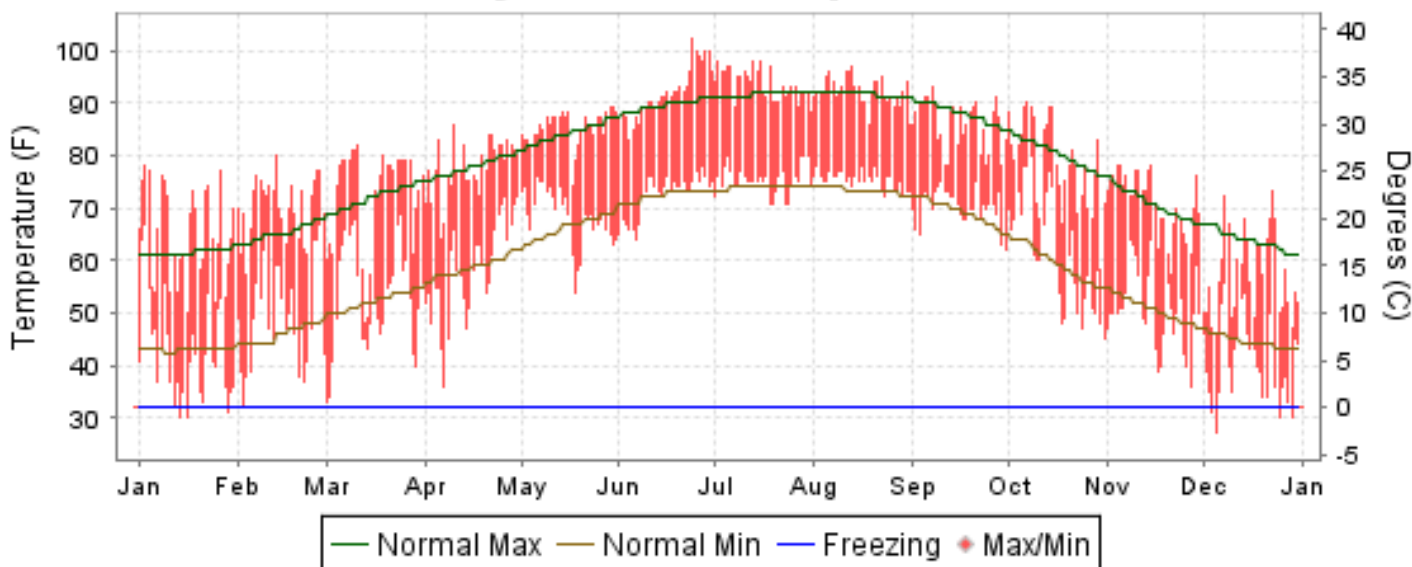


# 2009 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

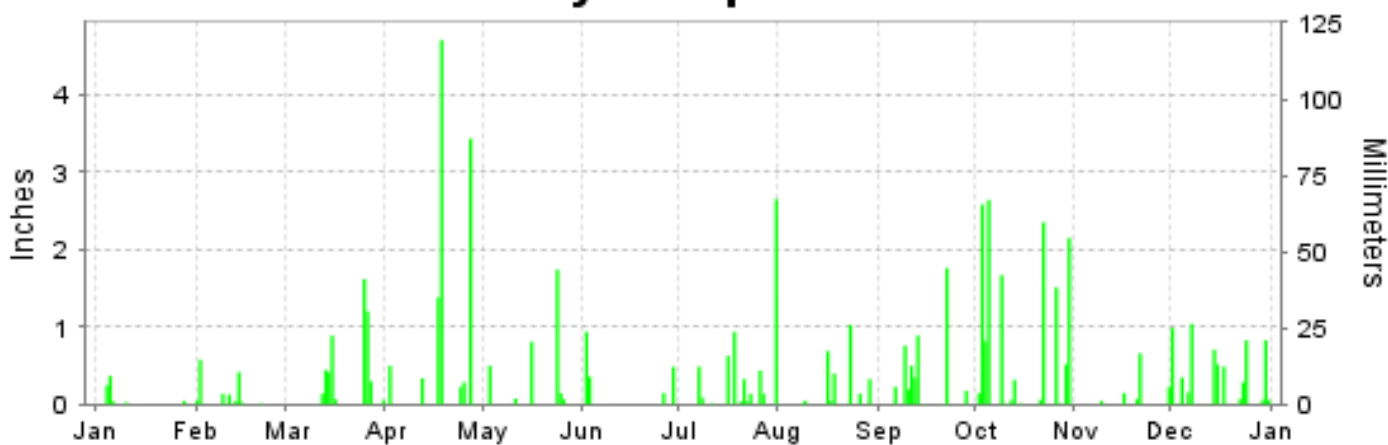
## BEAUMONT/PORT ARTHUR, TEXAS (KBPT)

ISSN 0198-5140

### 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 2009

## BEAUMONT/PORT ARTHUR (KBPT)

LATITUDE: 29° 57'N      LONGITUDE: -94° 1'W      ELEVATION (FT): GRND: 13      BARO: 19      TIME ZONE: CENTRAL (UTC -6)      WBAN: 12917

| ELEMENT                  |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |  |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|--|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM          | 64.9  | 70.1  | 72.2  | 77.7  | 85.3  | 91.9  | 93.5  | 92.2  | 85.9  | 78.5  | 70.8  | 57.4   | 78.4      |  |
|                          | HIGHEST DAILY MAXIMUM       | 78    | 80    | 82    | 86    | 89    | 102   | 98    | 97    | 93    | 90    | 78    | 73     | 102       |  |
|                          | DATE OF OCCURRENCE          | 03    | 13    | 11    | 10    | 30+   | 24    | 15+   | 13    | 07    | 07    | 15+   | 23     | JUN 24    |  |
|                          | MEAN DAILY MINIMUM          | 42.5  | 49.7  | 53.0  | 58.3  | 68.4  | 72.5  | 75.3  | 75.3  | 70.3  | 61.5  | 50.6  | 41.1   | 59.9      |  |
|                          | LOWEST DAILY MINIMUM        | 30    | 32    | 33    | 36    | 54    | 64    | 71    | 72    | 62    | 45    | 36    | 27     | 27        |  |
|                          | DATE OF OCCURRENCE          | 16+   | 03    | 01    | 07    | 18    | 06    | 24+   | 29+   | 30    | 31    | 27    | 05     | DEC 05    |  |
|                          | AVERAGE DRY BULB            | 53.7  | 59.9  | 62.6  | 68.0  | 76.9  | 82.2  | 84.4  | 83.8  | 78.1  | 70.0  | 60.7  | 49.3   | 69.1      |  |
|                          | MEAN WET BULB               | 48.5  | 54.9  | 57.9  | 62.9  | 70.3  | 74.9  | 77.2  | 76.7  | 72.5  | 66.7  | 55.9  | 46.3   | 63.7      |  |
|                          | MEAN DEW POINT              | 43.7  | 49.7  | 53.4  | 57.7  | 66.9  | 72.0  | 74.6  | 74.1  | 70.2  | 64.6  | 52.4  | 42.4   | 60.1      |  |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | MAXIMUM >= 90°              | 0     | 0     | 0     | 0     | 0     | 20    | 28    | 27    | 8     | 1     | 0     | 0      | 84        |  |
|                          | MAXIMUM <= 32°              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         |  |
| MINIMUM <= 32°           | 4                           | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 9      |           |  |
| MINIMUM <= 0°            | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |  |
| H/C                      | HEATING DEGREE DAYS         | 355   | 165   | 150   | 42    | 0     | 0     | 0     | 0     | 0     | 49    | 145   | 485    | 1391      |  |
|                          | COOLING DEGREE DAYS         | 15    | 31    | 83    | 140   | 374   | 525   | 608   | 587   | 401   | 213   | 23    | 3      | 3003      |  |
| RH                       | MEAN (PERCENT)              | 74    | 72    | 77    | 73    | 76    | 75    | 78    | 77    | 81    | 84    | 78    | 79     | 77        |  |
|                          | HOUR 00 LST                 | 83    | 81    | 88    | 84    | 88    | 90    | 91    | 90    | 90    | 92    | 88    | 84     | 87        |  |
|                          | HOUR 06 LST                 | 88    | 84    | 88    | 86    | 90    | 93    | 95    | 93    | 92    | 93    | 92    | 87     | 90        |  |
|                          | HOUR 12 LST                 | 58    | 57    | 60    | 58    | 60    | 55    | 57    | 59    | 67    | 71    | 59    | 68     | 61        |  |
|                          | HOUR 18 LST                 | 67    | 66    | 71    | 66    | 67    | 67    | 67    | 68    | 74    | 83    | 76    | 77     | 71        |  |
| S                        | PERCENT POSSIBLE SUNSHINE   |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
| W/O                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | HEAVY FOG(VISBY <= 1/4 MI)  | 6     | 1     | 3     | 5     | 3     | 0     | 5     | 0     | 2     | 2     | 1     | 10     | 38        |  |
|                          | THUNDERSTORMS               | 1     | 4     | 4     | 5     | 4     | 3     | 8     | 9     | 5     | 6     | 1     | 3      | 53        |  |
| 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.)   | 30.11 | 30.13 | 30.04 | 29.97 | 29.92 | 29.88 | 29.96 | 29.97 | 29.92 | 29.93 | 30.07 | 30.05  | 30.00     |  |
|                          | MEAN SEA-LEVEL PRESS. (IN.) | 30.13 | 30.14 | 30.05 | 29.98 | 29.94 | 29.90 | 29.97 | 29.99 | 29.94 | 29.95 | 30.09 | 30.06  | 30.01     |  |
| WINDS                    | RESULTANT SPEED (MPH)       | 0.3   | 4.7   | 4.2   | 4.6   | 3.1   | 4.5   | 4.2   | 2.1   | 1.8   | 2.7   | 3.0   | 3.3    | 1.9       |  |
|                          | RES. DIR. (TENS OF DEGS.)   | 29    | 13    | 14    | 14    | 15    | 19    | 20    | 17    | 02    | 10    | 05    | 03     | 14        |  |
|                          | MEAN SPEED (MPH)            | 8.7   | 11.5  | 10.2  | 11.8  | 8.2   | 7.0   | 6.1   | 4.9   | 6.1   | 9.5   | 7.1   | 9.3    | 8.4       |  |
|                          | PREVAIL.DIR.(TENS OF DEGS.) | 18    | 16    | 17    | 14    | 16    | 17    | 19    | 17    | 36    | 11    | 12    | 03     | 16        |  |
|                          | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | SPEED (MPH)                 | 28    | 30    | 33    | 33    | 25    | 52    | 33    | 30    | 22    | 37    | 26    | 35     | 52        |  |
|                          | DIR. (TENS OF DEGS.)        | 33    | 16    | 34    | 13    | 33    | 34    | 02    | 02    | 23    | 16    | 36    | 19     | 34        |  |
|                          | DATE OF OCCURRENCE          | 28    | 10    | 25    | 27    | 24    | 02    | 18    | 23    | 06    | 29    | 30    | 24     | JUN 02    |  |
|                          | MAXIMUM 3-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | SPEED (MPH)                 | 36    | 40    | 44    | 40    | 31    | 72    | 39    | 40    | 38    | 54    | 33    | 51     | 72        |  |
| DIR. (TENS OF DEGS.)     | 33                          | 15    | 34    | 34    | 33    | 35    | 04    | 02    | 23    | 01    | 36    | 19    | 35     |           |  |
| DATE OF OCCURRENCE       | 28                          | 10    | 25    | 18    | 24    | 02    | 18    | 23    | 22    | 09    | 30    | 24    | JUN 02 |           |  |
| PRECIPITATION            | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | TOTAL (IN.)                 | 0.74  | 1.43  | 5.15  | 10.88 | 3.35  | 1.94  | 5.95  | 2.71  | 4.89  | 14.90 | 1.16  | 6.43   | 59.53     |  |
|                          | GREATEST 24-HOUR (IN.)      | 0.60  | 0.63  | 2.82  | 5.39  | 1.74  | 0.94  | 2.65  | 1.03  | 1.76  | 3.43  | 0.66  | 1.23   | 5.39      |  |
|                          | DATE OF OCCURRENCE          | 04-05 | 01-02 | 25-26 | 17-18 | 24    | 02    | 31    | 23    | 22    | 04-05 | 21    | 14-15  | APR 17-18 |  |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                          | PRECIPITATION 0.01          | 5     | 9     | 9     | 8     | 6     | 4     | 12    | 8     | 10    | 16    | 5     | 16     | 108       |  |
| PRECIPITATION 0.10       | 2                           | 4     | 7     | 7     | 4     | 4     | 8     | 5     | 8     | 10    | 3     | 10    | 72     |           |  |
| PRECIPITATION 1.00       | 0                           | 0     | 2     | 3     | 1     | 0     | 1     | 1     | 1     | 6     | 0     | 1     | 16     |           |  |
| 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 BEAUMONT/PORT ARTHUR (KBPT)

LATITUDE: 29 ° 57'N      LONGITUDE: -94 ° 1 'W      ELEVATION (FT): GRND: 13    BARO: 19      TIME ZONE: CENTRAL (UTC -6)      WBAN: 12917

| ELEMENT                                  |   | POR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | YEAR     |
|--|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| TEMPERATURE °F                           | NORMAL DAILY MAXIMUM                              | 30  | 61.5  | 65.3  | 72.0  | 77.8  | 84.3  | 89.4  | 91.6  | 91.7  | 88.0  | 80.5  | 70.9  | 63.9  | 78.1     |
|  | MEAN DAILY MAXIMUM                                | 62  | 61.8  | 65.2  | 71.5  | 78.1  | 84.6  | 89.8  | 91.8  | 91.9  | 88.1  | 80.8  | 71.1  | 64.1  | 78.2     |
|  | HIGHEST DAILY MAXIMUM                             | 56  | 82    | 85    | 89    | 94    | 98    | 102   | 103   | 108   | 105   | 95    | 88    | 84    | 108      |
|  | YEAR OF OCCURRENCE                                |     | 2000  | 1986  | 2008  | 1987  | 2005  | 2009  | 1980  | 2000  | 2000  | 1977  | 1989  | 1978  | AUG 2000 |
|  | MEAN OF EXTREME MAXS.                             | 62  | 76.8  | 78.6  | 82.6  | 86.5  | 91.2  | 95.0  | 96.7  | 97.3  | 94.7  | 89.9  | 83.5  | 78.3  | 87.6     |
|  | NORMAL DAILY MINIMUM                              | 30  | 42.9  | 45.9  | 52.4  | 58.6  | 66.4  | 72.3  | 73.8  | 73.2  | 69.4  | 59.6  | 50.8  | 44.5  | 59.2     |
|  | MEAN DAILY MINIMUM                                | 62  | 43.0  | 45.8  | 51.8  | 59.3  | 66.7  | 72.2  | 74.0  | 73.6  | 69.7  | 59.9  | 50.7  | 44.7  | 59.3     |
|  | LOWEST DAILY MINIMUM                              | 56  | 14    | 20    | 23    | 32    | 46    | 56    | 61    | 60    | 45    | 30    | 22    | 12    | 12       |
|  | YEAR OF OCCURRENCE                                |     | 1962  | 1981  | 2002  | 1987  | 1954  | 1984  | 1990  | 1989  | 1967  | 1993  | 1976  | 1989  | DEC 1989 |
|  | MEAN OF EXTREME MINS.                             | 62  | 25.6  | 29.4  | 34.1  | 43.3  | 54.3  | 64.2  | 69.5  | 68.2  | 57.1  | 43.4  | 33.5  | 27.5  | 45.8     |
|  | NORMAL DRY BULB                                   | 30  | 52.2  | 55.6  | 62.2  | 68.2  | 75.4  | 80.9  | 82.7  | 82.5  | 78.7  | 70.1  | 60.9  | 54.2  | 68.6     |
|  | MEAN DRY BULB                                     | 62  | 52.4  | 55.5  | 61.6  | 68.7  | 75.7  | 81.1  | 82.9  | 82.8  | 78.9  | 70.3  | 60.9  | 54.4  | 68.8     |
|  | MEAN WET BULB                                     | 26  | 48.3  | 51.5  | 56.7  | 62.7  | 70.0  | 74.8  | 76.4  | 76.1  | 72.0  | 64.5  | 56.5  | 50.0  | 63.3     |
|  | MEAN DEW POINT                                    | 26  | 45.6  | 48.9  | 54.2  | 60.3  | 68.4  | 73.3  | 75.0  | 74.6  | 70.1  | 62.3  | 54.1  | 47.4  | 61.2     |
|  | NORMAL NO. DAYS WITH:<br>MAXIMUM >= 90            | 30  | 0.0   | 0.0   | 0.0   | 0.3   | 2.5   | 16.6  | 24.5  | 23.8  | 13.0  | 1.5   | 0.0   | 0.0   | 82.2     |
|  | MAXIMUM <= 32                                     | 30  | 0.1   | *     | 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  | 4.9 | 2.7   | 0.6   | *     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.8   | 3.8   | 12.9  |          |
| 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  | 411   | 286   | 143   | 41    | 1     | 0     | 0     | 0     | 1     | 34    | 181   | 349   | 1447     |
|  | NORMAL COOLING DEG. DAYS                          | 30  | 11    | 16    | 55    | 140   | 324   | 480   | 553   | 546   | 417   | 195   | 63    | 23    | 2823     |
| RH                                       | NORMAL (PERCENT)                                  | 30  | 79    | 77    | 77    | 77    | 80    | 81    | 81    | 81    | 79    | 78    | 79    | 79    | 79       |
|  | HOURLY 00 LST                                     | 30  | 85    | 85    | 86    | 87    | 91    | 92    | 93    | 93    | 90    | 89    | 88    | 86    | 89       |
|  | HOURLY 06 LST                                     | 30  | 88    | 87    | 88    | 90    | 93    | 93    | 95    | 95    | 93    | 92    | 90    | 89    | 91       |
|  | HOURLY 12 LST                                     | 30  | 68    | 64    | 63    | 61    | 65    | 65    | 66    | 65    | 64    | 59    | 63    | 67    | 64       |
|  | HOURLY 18 LST                                     | 30  | 75    | 70    | 69    | 68    | 72    | 71    | 72    | 72    | 73    | 74    | 77    | 76    | 72       |
| S  | PERCENT POSSIBLE SUNSHINE                         | 26  | 42    | 52    | 52    | 52    | 64    | 69    | 65    | 63    | 62    | 67    | 57    | 47    | 58       |
| W/O                                      | MEAN NO. DAYS WITH:<br>HEAVY FOG(VISBY <= 1/4 MI) | 46  | 6.4   | 5.2   | 5.6   | 3.3   | 2.2   | 0.6   | 0.7   | 0.6   | 1.0   | 3.5   | 4.8   | 5.8   | 39.7     |
|  | THUNDERSTORMS                                     | 62  | 2.7   | 2.8   | 3.5   | 4.0   | 5.9   | 8.4   | 13.3  | 11.8  | 6.8   | 3.0   | 2.6   | 2.6   | 67.4     |
| CLOUDNESS                                | MEAN:<br>SUNRISE-SUNSET (OKTAS)                   |     |       |       |       |       |       | 4.0   |       |       |       |       |       |       |          |
|  | MIDNIGHT-MIDNIGHT (OKTAS)                         |     |       |       |       |       |       |       |       |       |       |       |       |       |          |
|  | MEAN NO. DAYS WITH:<br>CLEAR                      | 1   | 3.0   | 1.0   | 9.0   |       | 9.0   | 8.0   |       |       |       |       |       |       |          |
|  | PARTLY CLOUDY                                     |     |       |       | 5.0   |       | 7.0   | 7.0   |       |       |       |       |       |       |          |
|  | CLOUDY  | 1   | 3.0   | 2.0   | 5.0   |       | 2.0   | 3.0   |       |       |       |       |       |       |          |
| PR                                       | MEAN STATION PRESSURE(IN)                         | 26  | 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)                         | 26  | 30.16 | 30.11 | 30.04 | 29.99 | 29.96 | 29.96 | 30.01 | 29.99 | 29.97 | 30.04 | 30.10 | 30.14 | 30.04    |
| WINDS                                    | MEAN SPEED (MPH)                                  | 26  | 9.7   | 10.2  | 10.3  | 10.2  | 9.2   | 7.8   | 6.3   | 6.1   | 7.5   | 8.3   | 8.8   | 9.4   | 8.7      |
|  | PREVAIL.DIR(TENS OF DEGS)                         | 30  | 36    | 36    | 17    | 17    | 19    | 19    | 19    | 19    | 04    | 01    | 36    | 36    | 19       |
|  | MAXIMUM 2-MINUTE:<br>SPEED (MPH)                  | 14  | 35    | 39    | 43    | 40    | 40    | 52    | 39    | 47    | 81    | 37    | 37    | 41    | 81       |
|  | DIR. (TENS OF DEGS)                               |     | 32    | 16    | 10    | 33    | 02    | 34    | 07    | 04    | 34    | 16    | 28    | 25    | 34       |
|  | YEAR OF OCCURRENCE                                |     | 2006  | 1998  | 2002  | 2000  | 2001  | 2009  | 1997  | 2008  | 2005  | 2009  | 2004  | 2002  | SEP 2005 |
|  | MAXIMUM 3-SECOND<br>SPEED (MPH)                   | 14  | 45    | 49    | 47    | 47    | 46    | 72    | 83    | 66    | 105   | 54    | 48    | 51    | 105      |
|  | DIR. (TENS OF DEGS)                               |     | 27    | 16    | 15    | 32    | 03    | 35    | 33    | 04    | 33    | 01    | 25    | 19    | 33       |
|  | YEAR OF OCCURRENCE                                |     | 2002  | 1998  | 2008  | 2000  | 2001  | 2009  | 2007  | 2008  | 2005  | 2009  | 2007  | 2009  | SEP 2005 |
| PRECIPITATION                            | NORMAL (IN)                                       | 30  | 5.69  | 3.35  | 3.75  | 3.84  | 5.83  | 6.58  | 5.23  | 4.85  | 6.10  | 4.67  | 4.75  | 5.25  | 59.89    |
|  | MAXIMUM MONTHLY (IN)                              | 56  | 14.87 | 11.76 | 9.35  | 15.30 | 13.18 | 18.90 | 18.71 | 17.26 | 21.96 | 15.09 | 10.84 | 17.98 | 21.96    |
|  | YEAR OF OCCURRENCE                                |     | 1991  | 1959  | 1979  | 1973  | 1991  | 1989  | 1959  | 1966  | 1980  | 1970  | 1977  | 1982  | SEP 1980 |
|  | MINIMUM MONTHLY (IN)                              | 56  | 0.60  | 0.21  | 0.06  | 0.26  | 0.01  | 0.76  | 0.63  | 0.87  | 0.50  | 0.00  | 0.15  | 1.32  | 0.00     |
|  | YEAR OF OCCURRENCE                                |     | 1971  | 1989  | 1955  | 1987  | 2003  | 1980  | 1956  | 2000  | 1953  | 1963  | 1967  | 1954  | OCT 1963 |
|  | MAXIMUM IN 24 HOURS (IN)                          | 56  | 4.92  | 5.05  | 6.04  | 10.09 | 9.89  | 10.20 | 10.56 | 8.45  | 17.16 | 8.06  | 7.26  | 9.98  | 17.16    |
|  | YEAR OF OCCURRENCE                                |     | 1961  | 1965  | 1979  | 1973  | 1989  | 1961  | 1979  | 1966  | 1980  | 1970  | 1961  | 1982  | SEP 1980 |
|  | NORMAL NO. DAYS WITH:<br>PRECIPITATION >= 0.01    | 30  | 10.2  | 8.6   | 8.0   | 6.7   | 7.2   | 9.2   | 11.2  | 11.4  | 9.8   | 6.5   | 8.4   | 9.2   | 106.4    |
|  | PRECIPITATION >= 1.00                             | 30  | 1.7   | 0.9   | 1.3   | 1.2   | 2.0   | 2.3   | 1.5   | 1.4   | 1.5   | 1.6   | 1.6   | 1.6   | 18.6     |
| SNOWFALL                                 | NORMAL (IN)                                       | 30  | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2      |
|  | MAXIMUM MONTHLY (IN)                              | 43  | 3.0   | 4.4   | 1.4   | T     | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.7   | 4.4      |
|  | YEAR OF OCCURRENCE                                |     | 1973  | 1960  | 1968  | 1995  | 1994  |       | 1990  |       |       |       | 1976  | 1989  | FEB 1960 |
|  | MAXIMUM IN 24 HOURS (IN)                          | 43  | 3.0   | 4.4   | 1.4   | T     | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | T     | 0.7   | 4.4      |
|  | YEAR OF OCCURRENCE                                |     | 1973  | 1960  | 1968  | 1995  | 1994  |       | 1990  |       |       |       | 1976  | 1989  | FEB 1960 |
|  | MAXIMUM SNOW DEPTH (IN)                           | 48  | 2     | 20    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 20       |
|  | YEAR OF OCCURRENCE                                |     | 1949  | 1958  |       |       |       |       |       |       |       |       |       |       | FEB 1958 |
| 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) 2009 BEAUMONT/PORT ARTHUR (KBPT)**

| YEAR           | JAN   | FEB  | MAR  | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|----------------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1980           | 4.66  | 1.92 | 6.83 | 0.93  | 7.76  | 0.76  | 2.24  | 1.18  | 21.96 | 7.27  | 4.82  | 2.22  | 62.55  |
| 1981           | 3.33  | 3.26 | 2.09 | 3.16  | 2.78  | 9.14  | 10.75 | 1.63  | 2.72  | 5.68  | 2.16  | 3.85  | 50.55  |
| 1982           | 2.04  | 3.38 | 3.12 | 5.63  | 9.36  | 9.30  | 5.88  | 2.47  | 1.00  | 4.15  | 7.46  | 17.98 | 71.77  |
| 1983           | 5.78  | 3.97 | 4.57 | 0.51  | 11.39 | 8.10  | 6.53  | 14.35 | 11.89 | 0.33  | 4.24  | 6.49  | 78.15  |
| 1984           | 6.69  | 4.27 | 1.28 | 1.03  | 10.43 | 1.05  | 3.83  | 3.91  | 4.14  | 14.94 | 6.44  | 2.03  | 60.04  |
| 1985           | 3.44  | 6.85 | 4.74 | 1.13  | 5.15  | 3.17  | 6.91  | 11.25 | 7.39  | 11.60 | 3.85  | 2.74  | 68.22  |
| 1986           | 1.81  | 1.11 | 2.52 | 1.44  | 10.56 | 11.23 | 2.25  | 3.97  | 3.41  | 7.37  | 9.08  | 9.59  | 64.34  |
| 1987           | 8.05  | 7.68 | 0.94 | 0.26  | 4.44  | 12.31 | 3.39  | 3.86  | 11.49 | 0.27  | 6.74  | 6.14  | 65.57  |
| 1988           | 3.23  | 5.05 | 5.54 | 2.64  | 0.61  | 4.63  | 3.84  | 5.54  | 10.32 | 1.70  | 1.12  | 5.80  | 50.02  |
| 1989           | 6.76  | 0.21 | 3.40 | 2.75  | 12.69 | 18.90 | 7.74  | 5.03  | 1.20  | 1.17  | 3.14  | 3.21  | 66.20  |
| 1990           | 8.50  | 7.69 | 6.53 | 4.22  | 8.62  | 4.21  | 6.18  | 1.67  | 5.30  | 4.37  | 5.54  | 3.82  | 66.65  |
| 1991           | 14.87 | 4.56 | 2.44 | 6.78  | 13.18 | 7.27  | 3.11  | 3.04  | 7.14  | 3.61  | 3.96  | 11.59 | 81.55  |
| 1992           | 11.04 | 6.51 | 3.80 | 5.78  | 1.39  | 10.66 | 5.37  | 2.26  | 2.07  | 2.96  | 6.89  | 6.45  | 65.18  |
| 1993           | 9.92  | 4.09 | 5.56 | 6.38  | 4.62  | 9.32  | 5.41  | 6.19  | 2.39  | 5.99  | 5.31  | 1.94  | 67.12  |
| 1994           | 6.86  | 1.36 | 3.85 | 4.22  | 9.94  | 8.62  | 6.08  | 4.64  | 5.37  | 11.97 | 0.51  | 6.86  | 70.28  |
| 1995           | 4.08  | 3.56 | 5.29 | 4.12  | 4.54  | 9.26  | 6.65  | 4.96  | 0.66  | 5.65  | 4.77  | 11.15 | 64.69  |
| 1996           | 2.45  | 1.28 | 0.45 | 2.08  | 1.04  | 10.25 | 2.22  | 6.34  | 10.80 | 4.43  | 4.82  | 3.26  | 49.42  |
| 1997           | 4.90  | 5.73 | 4.39 | 4.92  | 2.36  | 3.60  | 7.67  | 2.01  | 5.43  | 1.95  | 2.85  | 6.62  | 52.43  |
| 1998           | 8.84  | 5.03 | 5.19 | 1.95  | 0.08  | 4.50  | 1.56  | 6.70  | 13.18 | 5.34  | 2.91  | 2.79  | 58.07  |
| 1999           | 3.09  | 1.13 | 3.44 | 0.74  | 2.98  | 10.04 | 2.45  | T     | 3.25  | 3.88  | 1.23  | 4.03  | 36.26  |
| 2000           | 1.68  | 0.72 | 2.90 | 8.67  | 8.87  | 2.59  | 2.35  | 0.87  | 3.07  | 1.06  | 10.27 | 1.99  | 45.04  |
| 2001           | 5.86  | 1.63 | 7.29 | 1.79  | 1.39  | 11.32 | 3.42  | 13.81 | 9.16  | 5.63  | 5.32  | 2.24  | 68.86  |
| 2002           | 3.41  | 0.92 | 2.52 | 3.62  | 1.30  | 5.20  | 4.90  | 12.60 | 5.74  | 14.05 | 2.95  | 8.21  | 65.42  |
| 2003           | 1.59  | 5.83 | 1.99 | 1.31  | 0.01  | 6.62  | 5.28  | 10.87 | 9.77  | 9.58  | 2.96  | 3.19  | 59.00  |
| 2004           | 6.51  | 6.46 | 1.64 | 2.83  | 9.56  | 10.55 | 4.48  | 1.21  | 1.75  | 3.62  | 9.23  | 2.78  | 60.62  |
| 2005           | 3.01  | 4.31 | 2.95 | 0.88  | 2.69  | 1.83  | 10.31 | 3.22  | 8.89  | 1.21  | 2.33  | 2.16  | 43.79  |
| 2006           | 1.87  | 1.82 | 1.43 | 1.10  | 5.01  | 7.04  | 14.82 | 4.50  | 5.61  | 14.72 | 1.08  | 5.16  | 64.16  |
| 2007           | 7.59  | 0.32 | 5.93 | 3.92  | 3.60  | 4.86  | 12.76 | 5.86  | 8.25  | 1.84  | 6.29  | 2.45  | 63.67  |
| 2008           | 6.93  | 1.68 | 1.98 | 1.20  | 4.09  | 1.96  | 2.80  | 11.66 | 7.70  | 2.23  | 3.40  | 2.55  | 48.18  |
| 2009           | 0.74  | 1.43 | 5.15 | 10.88 | 3.35  | 1.94  | 5.95  | 2.71  | 4.89  | 14.90 | 1.16  | 6.43  | 59.53  |
| POR=<br>62 YRS | 4.73  | 3.76 | 3.31 | 3.81  | 4.82  | 5.57  | 5.53  | 5.34  | 5.88  | 4.63  | 4.26  | 4.91  | 56.55  |

WBAN : 12917

**AVERAGE TEMPERATURE (°F) 2009 BEAUMONT/PORT ARTHUR (KBPT)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1980           | 55.2 | 52.7 | 61.4 | 65.6 | 76.4 | 82.9 | 85.1 | 84.2 | 82.6 | 67.5 | 57.8 | 54.4 | 68.8   |
| 1981           | 50.3 | 53.8 | 61.2 | 72.9 | 73.7 | 82.0 | 83.2 | 82.7 | 76.9 | 71.0 | 63.4 | 55.1 | 68.9   |
| 1982           | 52.8 | 52.4 | 65.0 | 68.0 | 75.6 | 81.6 | 82.7 | 82.7 | 78.6 | 70.0 | 61.8 | 57.6 | 69.1   |
| 1983           | 50.4 | 54.0 | 58.9 | 63.8 | 73.3 | 79.1 | 82.4 | 82.4 | 76.7 | 70.3 | 63.7 | 48.7 | 67.0   |
| 1984           | 48.7 | 56.0 | 62.2 | 68.6 | 74.7 | 79.7 | 81.2 | 81.7 | 77.0 | 74.8 | 60.8 | 63.7 | 69.1   |
| 1985           | 48.1 | 53.1 | 67.0 | 72.1 | 76.2 | 81.0 | 81.7 | 83.3 | 78.7 | 72.4 | 66.6 | 50.8 | 69.3   |
| 1986           | 53.5 | 59.3 | 62.2 | 70.7 | 75.4 | 81.3 | 84.5 | 82.4 | 82.2 | 69.4 | 63.6 | 51.5 | 69.7   |
| 1987           | 50.3 | 56.2 | 59.5 | 66.7 | 76.6 | 80.6 | 83.3 | 84.2 | 78.1 | 67.2 | 60.3 | 56.9 | 68.3   |
| 1988           | 48.4 | 53.8 | 60.9 | 67.9 | 73.8 | 79.9 | 83.5 | 84.4 | 79.2 | 69.1 | 63.9 | 54.4 | 68.3   |
| 1989           | 57.4 | 52.6 | 60.0 | 67.3 | 76.7 | 79.6 | 82.5 | 81.8 | 77.7 | 70.6 | 63.1 | 45.8 | 67.9   |
| 1990           | 57.5 | 60.4 | 63.4 | 68.9 | 77.2 | 83.5 | 82.8 | 83.8 | 80.6 | 68.3 | 63.2 | 55.3 | 70.4   |
| 1991           | 51.1 | 57.8 | 63.7 | 72.2 | 77.8 | 81.6 | 83.7 | 82.5 | 78.1 | 73.0 | 56.9 | 57.4 | 69.7   |
| 1992           | 51.6 | 58.3 | 63.3 | 67.9 | 73.7 | 81.0 | 82.8 | 80.7 | 79.4 | 70.9 | 56.4 | 57.3 | 68.6   |
| 1993           | 54.3 | 56.3 | 60.9 | 66.0 | 74.1 | 81.7 | 84.3 | 85.0 | 80.8 | 70.0 | 58.1 | 55.5 | 68.9   |
| 1994           | 52.3 | 56.4 | 63.0 | 70.2 | 75.8 | 83.0 | 83.5 | 82.1 | 77.4 | 71.5 | 65.4 | 56.8 | 69.8   |
| 1995           | 53.4 | 58.4 | 62.6 | 68.2 | 76.9 | 80.3 | 83.0 | 83.7 | 79.9 | 69.4 | 60.8 | 55.2 | 69.3   |
| 1996           | 52.1 | 55.8 | 56.8 | 66.4 | 77.5 | 80.2 | 83.2 | 81.1 | 77.8 | 70.4 | 62.4 | 57.4 | 68.4   |
| 1997           | 51.4 | 55.8 | 65.6 | 64.6 | 74.1 | 79.8 | 83.8 | 82.9 | 80.0 | 69.8 | 57.6 | 51.6 | 68.1   |
| 1998           | 57.5 | 55.8 | 60.1 | 66.4 | 77.5 | 83.7 | 84.0 | 83.9 | 82.2 | 73.0 | 64.5 | 56.1 | 70.4   |
| 1999           | 58.1 | 61.4 | 62.6 | 72.4 | 76.0 | 81.0 | 82.6 | 86.0 | 78.2 | 69.2 | 62.0 | 54.3 | 70.3   |
| 2000           | 56.5 | 62.2 | 66.4 | 68.4 | 77.8 | 81.4 | 83.8 | 84.2 | 79.9 | 71.4 | 59.0 | 48.1 | 69.9   |
| 2001           | 49.1 | 59.7 | 57.6 | 72.0 | 75.6 | 79.9 | 82.9 | 82.2 | 77.3 | 67.6 | 64.3 | 56.8 | 68.8   |
| 2002           | 54.8 | 51.7 | 61.8 | 72.0 | 76.2 | 81.2 | 83.1 | 83.5 | 79.9 | 72.0 | 59.1 | 54.2 | 69.1   |
| 2003           | 49.8 | 53.8 | 61.7 | 69.5 | 79.2 | 81.8 | 81.8 | 82.7 | 76.9 | 70.4 | 64.5 | 52.6 | 68.7   |
| 2004           | 53.9 | 52.9 | 65.7 | 68.2 | 75.3 | 81.0 | 83.3 | 82.1 | 80.7 | 76.0 | 62.8 | 53.4 | 69.6   |
| 2005           | 56.7 | 58.2 | 60.9 | 67.0 | 75.3 | 82.7 | 83.4 | 84.2 | 83.1 | 70.7 | 63.7 | 53.5 | 70.0   |
| 2006           | 58.2 | 55.3 | 65.9 | 72.5 | 75.4 | 80.9 | 82.5 | 83.4 | 78.5 | 71.7 | 60.9 | 54.7 | 70.0   |
| 2007           | 51.8 | 54.1 | 65.7 | 66.6 | 76.3 | 81.5 | 81.6 | 84.4 | 80.2 | 71.7 | 62.6 | 58.4 | 69.6   |
| 2008           | 52.0 | 59.2 | 62.6 | 69.4 | 77.0 | 82.6 | 83.2 | 82.6 | 77.8 | 68.7 | 62.0 | 55.7 | 69.4   |
| 2009           | 53.7 | 59.9 | 62.6 | 68.0 | 76.9 | 82.2 | 84.4 | 83.8 | 78.1 | 70.0 | 60.7 | 49.3 | 69.1   |
| POR=<br>62 YRS | 52.4 | 55.5 | 61.6 | 68.7 | 75.7 | 81.1 | 82.9 | 82.8 | 78.9 | 70.3 | 60.9 | 54.4 | 68.8   |

**HEATING DEGREE DAYS (base 65°F) 2009 BEAUMONT/PORT ARTHUR (KBPT)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1980-81 | 0   | 0   | 0   | 70  | 248 | 339 | 448 | 315 | 140 | 3   | 3   | 0   | 1566  |
| 1981-82 | 0   | 0   | 3   | 59  | 94  | 315 | 402 | 357 | 124 | 59  | 0   | 0   | 1413  |
| 1982-83 | 0   | 0   | 0   | 43  | 154 | 266 | 446 | 301 | 203 | 91  | 1   | 0   | 1505  |
| 1983-84 | 0   | 0   | 1   | 27  | 122 | 524 | 500 | 265 | 129 | 31  | 1   | 0   | 1600  |
| 1984-85 | 0   | 0   | 5   | 8   | 176 | 125 | 514 | 342 | 34  | 6   | 0   | 0   | 1210  |
| 1985-86 | 0   | 0   | 3   | 14  | 78  | 438 | 354 | 196 | 120 | 10  | 0   | 0   | 1213  |
| 1986-87 | 0   | 0   | 0   | 26  | 140 | 415 | 451 | 241 | 182 | 77  | 0   | 0   | 1532  |
| 1987-88 | 0   | 0   | 0   | 29  | 182 | 267 | 510 | 329 | 171 | 29  | 0   | 0   | 1517  |
| 1988-89 | 0   | 0   | 0   | 10  | 135 | 328 | 255 | 371 | 216 | 60  | 0   | 0   | 1375  |
| 1989-90 | 0   | 0   | 0   | 45  | 149 | 592 | 245 | 151 | 108 | 26  | 0   | 0   | 1316  |
| 1990-91 | 0   | 0   | 0   | 67  | 121 | 338 | 422 | 208 | 113 | 9   | 0   | 0   | 1278  |
| 1991-92 | 0   | 0   | 0   | 6   | 287 | 265 | 409 | 198 | 93  | 34  | 7   | 0   | 1299  |
| 1992-93 | 0   | 0   | 0   | 2   | 273 | 251 | 328 | 238 | 152 | 55  | 0   | 0   | 1299  |
| 1993-94 | 0   | 0   | 0   | 58  | 240 | 312 | 397 | 260 | 128 | 36  | 0   | 0   | 1431  |
| 1994-95 | 0   | 0   | 0   | 20  | 83  | 263 | 362 | 196 | 145 | 25  | 0   | 0   | 1094  |
| 1995-96 | 0   | 0   | 0   | 21  | 167 | 348 | 401 | 302 | 274 | 72  | 2   | 0   | 1587  |
| 1996-97 | 0   | 0   | 0   | 24  | 141 | 265 | 435 | 269 | 65  | 61  | 0   | 0   | 1260  |
| 1997-98 | 0   | 0   | 0   | 54  | 227 | 411 | 241 | 253 | 199 | 36  | 0   | 0   | 1421  |
| 1998-99 | 0   | 0   | 0   | 9   | 78  | 327 | 247 | 147 | 104 | 22  | 0   | 0   | 934   |
| 1999-00 | 0   | 0   | 0   | 39  | 123 | 340 | 289 | 136 | 70  | 42  | 0   | 0   | 1039  |
| 2000-01 | 0   | 0   | 4   | 47  | 232 | 516 | 486 | 187 | 227 | 16  | 0   | 0   | 1715  |
| 2001-02 | 0   | 0   | 0   | 54  | 87  | 285 | 333 | 367 | 176 | 11  | 3   | 0   | 1316  |
| 2002-03 | 0   | 0   | 0   | 7   | 204 | 339 | 469 | 310 | 115 | 31  | 0   | 0   | 1475  |
| 2003-04 | 0   | 0   | 0   | 19  | 110 | 376 | 349 | 346 | 48  | 40  | 1   | 0   | 1289  |
| 2004-05 | 0   | 0   | 0   | 5   | 115 | 366 | 286 | 221 | 163 | 24  | 3   | 0   | 1183  |
| 2005-06 | 0   | 0   | 0   | 43  | 150 | 362 | 218 | 280 | 74  | 2   | 0   | 0   | 1129  |
| 2006-07 | 0   | 0   | 0   | 21  | 174 | 331 | 423 | 305 | 82  | 68  | 0   | 0   | 1404  |
| 2007-08 | 0   | 0   | 0   | 38  | 147 | 252 | 408 | 183 | 148 | 34  | 0   | 0   | 1210  |
| 2008-09 | 0   | 0   | 0   | 44  | 136 | 318 | 355 | 165 | 150 | 42  | 0   | 0   | 1210  |
| 2009-   | 0   | 0   | 0   | 49  | 145 | 485 |     |     |     |     |     |     |       |

WBAN : 12917

**COOLING DEGREE DAYS (base 65°F) 2009 BEAUMONT/PORT ARTHUR (KBPT)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1980 | 8   | 27  | 47  | 69  | 359 | 546 | 633 | 603 | 534 | 152 | 37  | 15  | 3030  |
| 1981 | 0   | 8   | 28  | 245 | 278 | 515 | 570 | 557 | 367 | 250 | 53  | 14  | 2885  |
| 1982 | 27  | 9   | 129 | 155 | 335 | 504 | 555 | 554 | 416 | 205 | 67  | 46  | 3002  |
| 1983 | 0   | 0   | 20  | 64  | 264 | 429 | 547 | 546 | 361 | 200 | 88  | 21  | 2540  |
| 1984 | 0   | 9   | 50  | 147 | 309 | 449 | 508 | 524 | 369 | 317 | 56  | 94  | 2832  |
| 1985 | 0   | 13  | 104 | 228 | 354 | 489 | 527 | 573 | 422 | 253 | 134 | 5   | 3102  |
| 1986 | 1   | 44  | 39  | 185 | 331 | 495 | 611 | 546 | 522 | 169 | 104 | 4   | 3051  |
| 1987 | 2   | 2   | 16  | 136 | 367 | 476 | 574 | 604 | 402 | 105 | 48  | 22  | 2754  |
| 1988 | 4   | 11  | 49  | 121 | 283 | 452 | 581 | 606 | 432 | 148 | 108 | 6   | 2801  |
| 1989 | 28  | 32  | 69  | 137 | 370 | 444 | 548 | 531 | 387 | 226 | 99  | 5   | 2876  |
| 1990 | 19  | 29  | 68  | 151 | 384 | 563 | 559 | 591 | 471 | 173 | 74  | 42  | 3124  |
| 1991 | 0   | 9   | 77  | 233 | 406 | 504 | 584 | 548 | 401 | 260 | 49  | 38  | 3109  |
| 1992 | 0   | 9   | 49  | 126 | 284 | 486 | 558 | 495 | 439 | 188 | 23  | 17  | 2674  |
| 1993 | 3   | 2   | 32  | 90  | 290 | 506 | 605 | 627 | 482 | 221 | 38  | 26  | 2922  |
| 1994 | 12  | 25  | 71  | 199 | 342 | 549 | 579 | 535 | 379 | 230 | 103 | 18  | 3042  |
| 1995 | 9   | 19  | 78  | 127 | 377 | 462 | 565 | 586 | 453 | 162 | 48  | 49  | 2935  |
| 1996 | 3   | 41  | 29  | 122 | 398 | 459 | 570 | 507 | 387 | 199 | 69  | 36  | 2820  |
| 1997 | 22  | 19  | 90  | 57  | 293 | 449 | 593 | 567 | 455 | 211 | 14  | 3   | 2773  |
| 1998 | 16  | 1   | 56  | 85  | 393 | 568 | 597 | 595 | 523 | 262 | 72  | 59  | 3227  |
| 1999 | 40  | 53  | 36  | 251 | 349 | 489 | 554 | 658 | 403 | 177 | 39  | 16  | 3065  |
| 2000 | 31  | 60  | 119 | 150 | 406 | 500 | 587 | 603 | 455 | 251 | 60  | 0   | 3222  |
| 2001 | 0   | 44  | 3   | 237 | 338 | 456 | 561 | 539 | 377 | 141 | 74  | 36  | 2806  |
| 2002 | 26  | 4   | 84  | 229 | 358 | 494 | 566 | 580 | 452 | 231 | 32  | 10  | 3066  |
| 2003 | 3   | 4   | 24  | 169 | 444 | 506 | 529 | 558 | 365 | 194 | 102 | 0   | 2898  |
| 2004 | 11  | 2   | 78  | 143 | 329 | 486 | 576 | 538 | 479 | 353 | 59  | 12  | 3066  |
| 2005 | 36  | 35  | 41  | 89  | 332 | 537 | 577 | 603 | 551 | 228 | 117 | 12  | 3158  |
| 2006 | 15  | 14  | 107 | 233 | 333 | 484 | 549 | 577 | 412 | 235 | 57  | 17  | 3033  |
| 2007 | 20  | 4   | 111 | 123 | 357 | 501 | 522 | 608 | 460 | 253 | 79  | 53  | 3091  |
| 2008 | 13  | 23  | 83  | 172 | 381 | 534 | 572 | 553 | 391 | 167 | 53  | 36  | 2978  |
| 2009 | 15  | 31  | 83  | 140 | 374 | 525 | 608 | 587 | 401 | 213 | 23  | 3   | 3003  |

**SNOWFALL (inches) 2009 BEAUMONT/PORT ARTHUR (KBPT)**

| YEAR              | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 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 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7   |
| 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 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1984-85           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.4   |
| 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 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | T     |
| 1987-88           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2   |
| 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 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7   |
| 1990-91           | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T     |
| 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           | 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   |
| 1993-94           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T   | 0.0 | T     |
| 1994-95           | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T   | 0.0 | 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 | 0.0 | 0.0 | 0.0   |
| 1996-97           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1997-98           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1998-99           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1999-00           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2000-01           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2001-02           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2002-03           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2003-04           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2004-05           |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2005-2006-2008-09 |     |     |     |     |     |     |     |     |     |     |     |     |       |
| POR=<br>48 YRS    | T   | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.2 | 0.2 | T   | T   | T   | 0.0 | 0.4   |

WBAN : 12917

**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 METADATA SYSTEM", URL IS: <a href="https://mi3.ncdc.noaa.gov/mi3qry/login.cfm">https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</a></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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# 2009

## BEAUMONT/PORT ARTHUR

### TEXAS (KBPT)

Port Arthur is located on the flat Coastal Plain in the extreme southeast corner of Texas. The climate is a mixture of tropical and temperate zone conditions.

Sea breezes prevent extremely high temperatures in the summer, except on rare occasions. The area lies far enough south so that cold air masses modify in severity but still provide freezing temperatures up to six times a year.

High humidity is the result of fairly evenly distributed high normal rainfall and prevailing southerly winds from the Gulf of Mexico.

Cloudy, rainy weather is most common in the winter. Only slightly more than half the winters record even a trace of sleet or snow. Heavy rainfall in summer occurs in short duration thunderstorms and in infrequent tropical storms.

Slow moving systems in the spring and fall often result in three to five days of stormy weather and heavy rain. The lightest precipitation usually occurs in March and October. Funnel clouds and waterspouts are common near the coast. The area enjoys approximately 60 percent of possible sunshine.

Fog, most frequent in midwinter and early spring, is rare in summer. It usually dissipates before noon, but occasionally under stagnant conditions lasts a day or two. Along the immediate coast, fog usually does not form until daybreak, but inland it may form before midnight.

The average wind movement is near 11 mph. Except for severe storms and tropical disturbances, wind seldom exceeds 45 mph. It exceeds 30 mph on only about 40 days in any one year.

The climate is favorable for outdoor activities throughout the year. The abundant rainfall, moderate temperatures, and the short period of temperatures below freezing are particularly favorable for farming and livestock production. Heaviest rain usually falls in the summer when needed for rice. The comparatively dry harvest season simplifies the gathering of rice and feed crops. Cattle on the open range of the coastal marshes need little supplemental feeding or protection. Improved pastures are easily provided because of the moderate temperatures and abundant rainfall.

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