

| El Nino & La Nina Periods | | | | | | | | | | |
|---|---------------|---------------|---------------|---------------|--|---------------|---------------|---------------|---------|----------------------|
| Compared to Franklin Township Snowfall | | | | | | | | | | |
| Year | Months of DJF | Months of JFM | Months of FMA | Months of MAM | | Months of SON | Months of OND | Months of NDJ | FT Snow | Snow Season Period |
| 1996 | | | | | | -0.2 | -0.3 | -0.4 | 187.7 | Sep 1996 to May 1997 |
| 1997 | -0.4 | -0.3 | 0 | 0.4 | | 2.4 | 2.5 | 2.5 | 154.4 | Sep 1997 to May 1998 |
| 1998 | 2.4 | 2 | 1.4 | 1.1 | | -1.1 | -1.3 | -1.5 | 141.7 | Sep 1998 to May 1999 |
| 1999 | -1.6 | -1.2 | -0.9 | -0.7 | | -1.2 | -1.4 | -1.6 | 145.5 | Sep 1999 to May 2000 |
| 2000 | -1.6 | -1.5 | -1.1 | -0.9 | | -0.5 | -0.7 | -0.7 | 253.8 | Sep 2000 to May 2001 |
| 2001 | -0.7 | -0.5 | -0.4 | -0.2 | | -0.1 | -0.2 | -0.2 | 138.8 | Sep 2001 to May 2002 |
| 2002 | -0.1 | 0.1 | 0.3 | 0.4 | | 1.3 | 1.5 | 1.3 | 185.3 | Sep 2002 to May 2003 |
| 2003 | 1.1 | 0.8 | 0.6 | 0.1 | | 0.5 | 0.6 | 0.5 | 220.9 | Sep 2003 to May 2004 |
| 2004 | 0.4 | 0.2 | 0.2 | 0.2 | | 0.9 | 0.9 | 0.8 | 201.5 | Sep 2004 to May 2005 |
| 2005 | 0.6 | 0.5 | 0.3 | 0.4 | | -0.2 | -0.4 | -0.7 | 159.9 | Sep 2005 to May 2006 |
| 2006 | -0.8 | -0.7 | -0.4 | -0.2 | | 0.9 | 1.1 | 1.1 | 222.6 | Sep 2006 to May 2007 |
| 2007 | 0.8 | 0.3 | 0.1 | -0.1 | | -1.1 | -1.2 | -1.4 | 169.1 | Sep 2007 to May 2008 |
| 2008 | -1.5 | -1.4 | -1.1 | -0.7 | | 0 | -0.3 | -0.6 | 249.6 | Sep 2008 to May 2009 |
| 2009 | -0.8 | -0.7 | -0.5 | -0.1 | | 1.2 | 1.5 | 1.8 | 189.6 | Sep 2009 to May 2010 |
| 2010 | 1.7 | 1.5 | 1.2 | 0.8 | | -1.4 | -1.4 | -1.4 | 193.3 | Sep 2010 to May 2011 |
| 2011 | -1.3 | -1.2 | -0.9 | -0.6 | | | | | | Sep 2011 to May 2012 |

Warm (red) and cold (blue) episodes based on a threshold of +/- 0.5oC for the Oceanic Niño Index (ONI) [3 month running mean of ERSST.v3 SST anomalies in the Niño 3.4 region (5N-5S, 120-170W)], based on the 1971-2000 base period. For historical purposes cold and warm episodes (blue and red colored numbers) are defined when the threshold is met for a minimum of 5 consecutive over-lapping seasons.

Data from:

NOAA/ National Weather Service

National Centers for Environmental Prediction

Climate Prediction Center

http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/lanina/enso_evolution-status-fcsts-web.pdf

and

Franklin Township

[Link to data: http://www.cpc.noaa.gov/products/analysis_monitoring/ensostuff/ensoyears.shtml](http://www.cpc.noaa.gov/products/analysis_monitoring/ensostuff/ensoyears.shtml)