

LAVACA-NAVIDAD RIVER AUTHORITY  
LAKE TEXANA ~ PALMETTO BEND PROJECT  
HISTORICAL MONTHLY PAN EVAPORATION

| YEAR                 | JANUARY | FEBRUARY | MARCH | APRIL | MAY    | JUNE   | JULY   | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | MONTHLY AVERAGE P/YEAR | ANNUAL TOTAL |
|----------------------|---------|----------|-------|-------|--------|--------|--------|--------|-----------|---------|----------|----------|------------------------|--------------|
| 1995                 | 3.201   | 3.181    | 6.470 | 6.659 | 9.325  | 8.702  | 8.911  | 9.300  | 6.518     | 7.019   | 3.733    | 5.835    | 6.571                  | 78.854       |
| 1996                 | 3.679   | 6.511    | 5.673 | 6.881 | 8.367  | 12.430 | 9.713  | 6.638  | 6.307     | 5.097   | 5.968    | 3.124    | 6.699                  | 80.388       |
| 1997                 | 3.471   | 3.076    | 3.516 | 7.799 | 6.022  | 9.385  | 9.523  | 9.785  | 9.665     | 4.186   | 6.879    | 3.029    | 6.361                  | 76.336       |
| 1998                 | 3.250   | 2.539    | 4.383 | 6.673 | 7.058  | 12.436 | 10.537 | 7.615  | 7.358     | 4.142   | 6.386    | 2.246    | 6.219                  | 74.623       |
| 1999                 | 3.088   | 3.394    | 4.680 | 5.899 | 6.395  | 9.541  | 6.634  | 8.718  | 7.363     | 6.510   | 7.428    | 4.141    | 6.149                  | 73.791       |
| 2000                 | 4.256   | 7.084    | 6.088 | 8.913 | 7.504  | 8.960  | 10.852 | 9.770  | 8.861     | 5.072   | 3.403    | 2.721    | 6.957                  | 83.484       |
| 2001                 | 3.169   | 3.251    | 4.528 | 6.716 | 8.267  | 8.652  | 10.370 | 8.676  | 6.486     | 5.207   | 3.645    | 2.618    | 5.965                  | 71.585       |
| 2002                 | 2.734   | 4.400    | 8.136 | 6.733 | 9.087  | 8.317  | 8.043  | 8.481  | 6.097     | 4.404   | 3.925    | 2.984    | 6.112                  | 73.341       |
| 2003                 | 2.740   | 2.556    | 4.324 | 5.990 | 8.837  | 8.950  | 6.816  | 8.693  | 5.437     | 5.241   | 4.072    | 3.652    | 5.609                  | 67.308       |
| 2004                 | 2.985   | 3.038    | 4.685 | 5.366 | 7.443  | 5.252  | 7.639  | 7.646  | 6.370     | 5.005   | 2.721    | 2.858    | 5.084                  | 61.008       |
| 2005                 | 2.974   | 2.764    | 5.380 | 6.827 | 6.582  | 8.559  | 9.153  | 8.919  | 7.971     | 6.012   | 4.741    | 3.301    | 6.099                  | 73.183       |
| 2006                 | 3.960   | 3.861    | 5.318 | 6.230 | 7.494  | 7.290  | 6.005  | 7.564  | 6.224     | 4.538   | 4.446    | 3.116    | 5.504                  | 66.046       |
| 2007                 | 1.642   | 3.031    | 5.037 | 5.066 | 5.775  | 6.167  | 4.829  | 6.642  | 5.484     | 6.006   | 4.355    | 3.105    | 4.762                  | 57.139       |
| 2008                 | 3.321   | 3.941    | 5.708 | 6.929 | 8.464  | 10.310 | 8.926  | 7.088  | 7.417     | 7.865   | 4.767    | 3.572    | 6.526                  | 78.308       |
| 2009                 | 4.402   | 5.025    | 6.340 | 7.968 | 7.932  | 10.720 | 11.944 | 10.357 | 4.850     | 3.795   | 3.191    | 2.002    | 6.544                  | 78.526       |
| 2010                 | 2.763   | 2.626    | 5.681 | 6.384 | 7.073  | 8.281  | 6.627  | 7.882  | 4.960     | 6.631   | 4.382    | 3.651    | 5.578                  | 66.941       |
| 2011                 | 2.757   | 3.456    | 5.837 | 7.616 | 8.825  | 10.190 | 11.228 | 11.668 | 10.531    | 7.963   | 5.047    | 3.865    | 7.415                  | 88.983       |
| 2012                 | 3.839   | 2.286    | 4.838 | 7.518 | 8.273  | 8.331  | 5.658  | 8.741  | 6.480     | 5.884   | 4.566    | 3.924    | 5.862                  | 70.338       |
| 2013                 | 2.653   | 3.455    | 6.486 | 5.142 | 7.859  | 9.088  | 7.990  | 7.753  | 6.561     | 5.476   | 3.248    | 2.637    | 5.696                  | 68.348       |
| 2014                 | 3.315   | 2.627    | 4.287 | 6.655 | 6.903  | 7.415  | 8.838  | 9.519  | 6.535     | 6.456   | 3.056    | 2.973    | 5.715                  | 68.579       |
| 2015                 | 2.565   | 3.041    | 3.916 | 5.606 | 4.167  | 7.164  | 9.627  | 9.507  | 5.266     | 6.768   | 3.879    | 2.685    | 5.349                  | 64.191       |
| 2016                 | 3.069   | 4.837    | 5.398 | 5.574 | 6.228  | 7.824  | 9.518  | 7.151  | 7.356     | 6.508   | 4.281    | 3.220    | 5.914                  | 70.964       |
| 2017                 | 4.063   | 4.062    | 6.166 | 6.935 | 8.105  | 8.290  | 10.485 | 7.574  | 6.196     | 6.770   | 4.341    | 3.446    | 6.369                  | 76.433       |
| 2018                 | 3.082   | 2.534    | 5.221 | 6.322 | 8.354  | 8.806  | 9.166  | 10.464 | 4.961     | 4.482   | 3.338    | 3.584    | 5.860                  | 70.314       |
| 2019                 | 3.290   | 3.028    | 4.454 | 6.972 | 7.408  | 7.712  | 9.238  | 9.531  | 7.321     | 7.382   | 3.469    | 3.663    | 6.122                  | 73.468       |
| 2020                 | 3.328   | 3.608    | 4.980 | 7.147 | 7.341  | 6.883  | 9.154  | 9.206  | 7.538     | 5.723   | 4.193    | 3.271    | 6.031                  | 72.372       |
| 2021                 | 3.397   | 3.250    | 5.573 | 6.763 | 5.119  | 7.036  | 6.840  | 8.164  | 7.651     | 7.536   | 4.261    | 3.159    | 5.729                  | 68.749       |
| 2022                 | 4.270   | 3.470    | 6.556 | 7.646 | 10.102 | 11.136 | 10.663 | 8.103  | 6.638     | 6.355   | 4.414    | 2.757    | 6.843                  | 82.110       |
| 2023                 | 4.074   | 3.173    | 5.121 | 5.822 | 6.044  | 8.937  | 11.048 | 11.890 | 8.423     | 6.301   | 3.304    | 3.169    | 6.442                  | 77.306       |
| 2024                 | 2.989   | 4.102    | 5.002 | 6.373 | 7.460  | 9.563  | 9.281  | 9.316  | 8.148     | 8.069   |          |          | 7.030                  | 70.303       |
| MONTHLY AVERAGE P/MO | 3.453   | 3.717    | 5.382 | 6.833 | 7.372  | 8.720  | 8.965  | 8.766  | 7.031     | 6.370   | 4.264    | 3.493    | 6.224                  |              |

COMMENTS:

Shown in Inches.

Impoundment of water began ~ May 1980

Pan evaporation records began ~ May 1982