

**This information on Historical Rain data was gathered by Paul Mahlberg.
His explanatory eMail and charts are as follows:**

From: Paul Mahlberg [mailto:paul_mahlberg@yahoo.com]

Sent: Saturday, January 31, 2015 12:40 PM

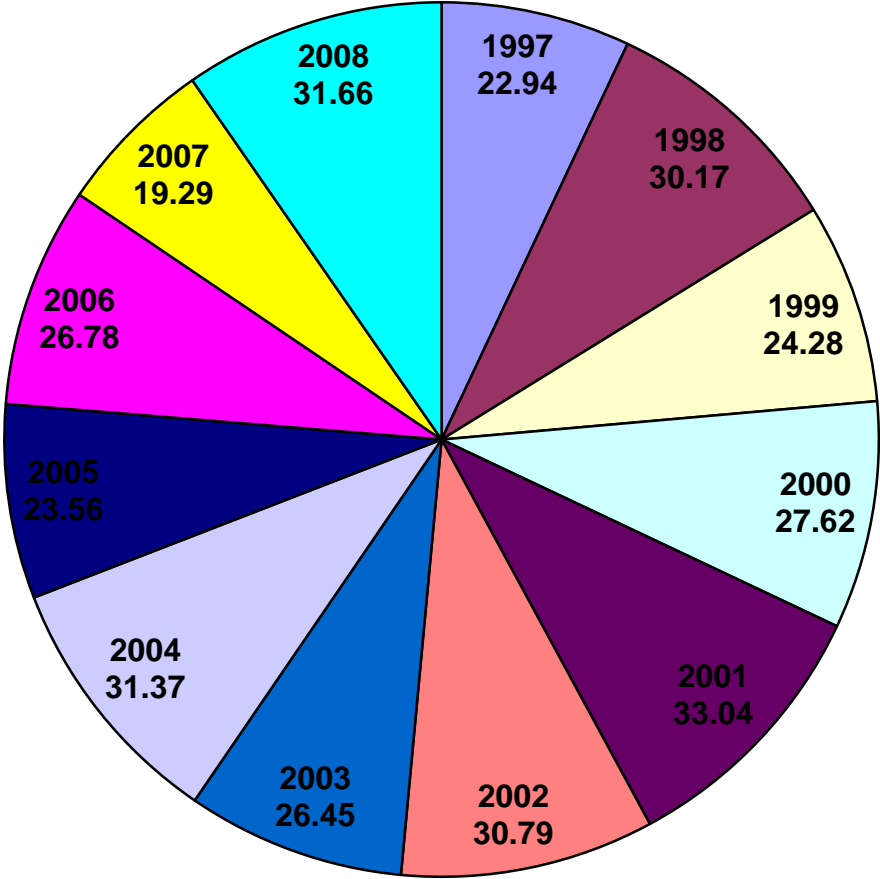
I also have a detailed study on Precipitation for the lake and the Kangaroo Lake watershed. It dates back to 1997. We've graphed it to 2008 (pie and bar graphs). We also have the data from 2008 to the present, but will have to graph it also (if I can get local help to do it). They too are quite interesting. The precipitation data were collected in Baileys Harbor by Michel Roy who is an official collector for the National Weather Bureau in Green Bay. He provides me with the monthly totals throughout the year. Precipitation in Baileys Harbor pretty well represents what will fall on the watershed of Kangaroo Lake which is adjacent to that of Baileys Harbor. Our graphing effort of the 1997 to 2008 was a huge task. We did the monthly values and the yearly values. I did it in an effort to evaluate the water level in the lake itself. But we don't really have a way of measuring (accurately) the level of water in the lake. We can only measure it relative to the dam, and pool level. I have correlated the level of water relative to the surface of the dam--top of crest, and the height of water relative to the top edge of a culvert at the causeway so that we can measure lake level at either location.

These data on water level for the lake will help us identify average water levels for the lake historically as well as identify major water events associated with precipitation for the lake. It might be possible to go back before 1997 to obtain previous data if what I have now would justify the study. I'm attaching a pie illustration of our annual data from 1997 to 2008. The title should read 'precipitation' rather than 'rain'.

These comments are for your information, but your thoughts will be appreciated.

Paul Mahlberg
Baileys Harbor, WI 54202

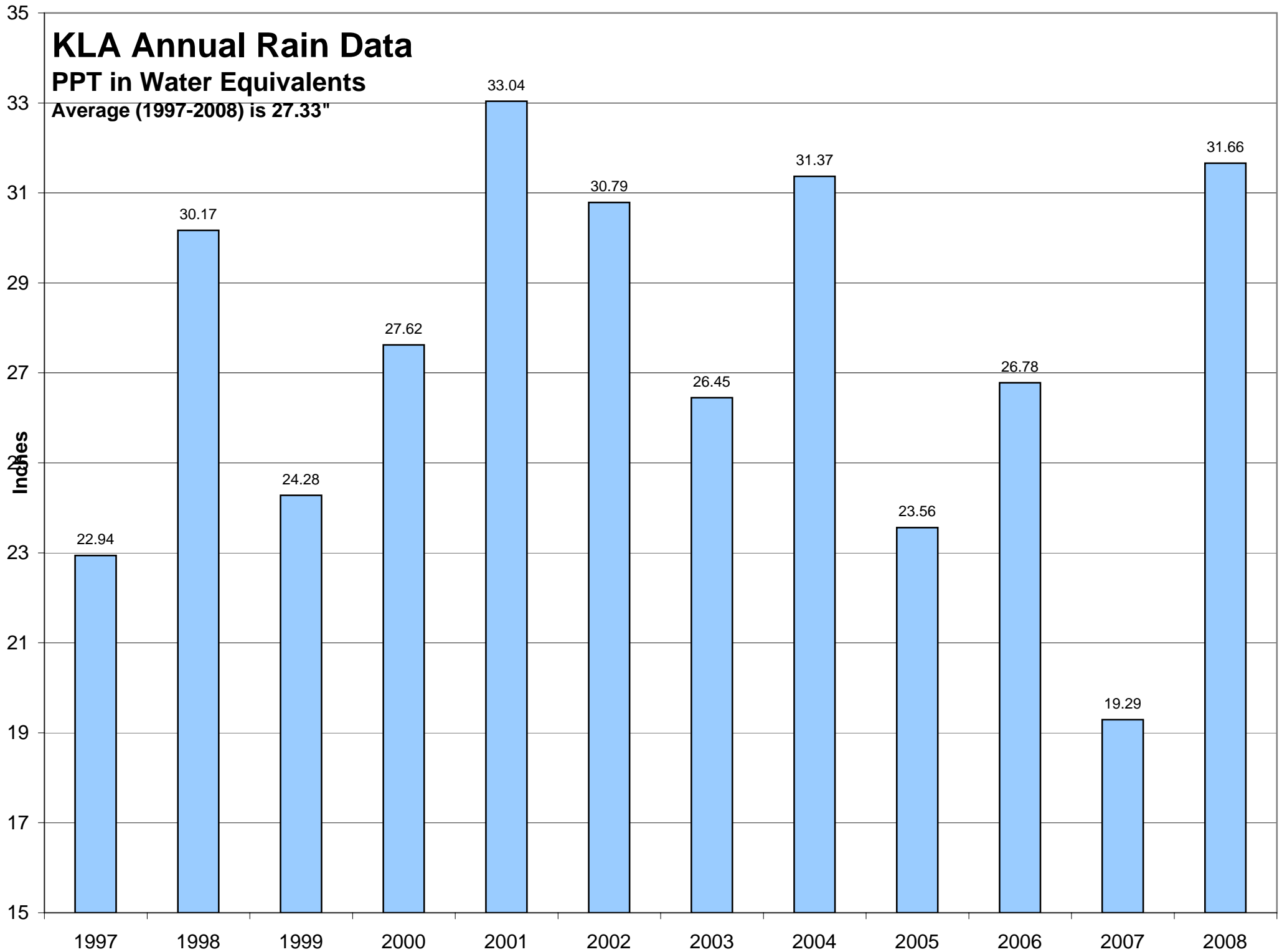
KLA Annual Rain Data PPT in Water Equivalents In Inches



KLA Annual Rain Data

PPT in Water Equivalent

Average (1997-2008) is 27.33"

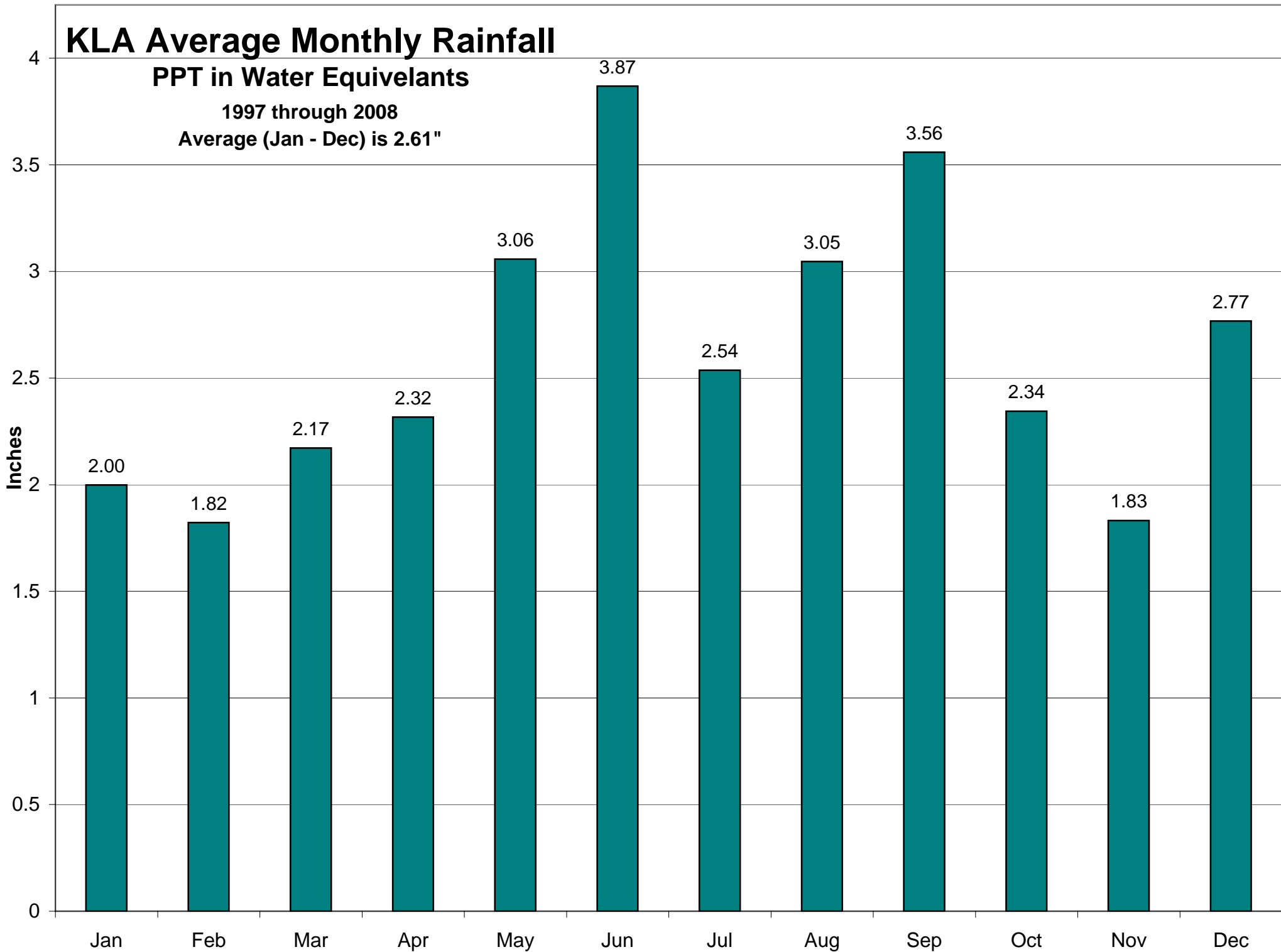


KLA Average Monthly Rainfall

PPT in Water Equivalents

1997 through 2008

Average (Jan - Dec) is 2.61"

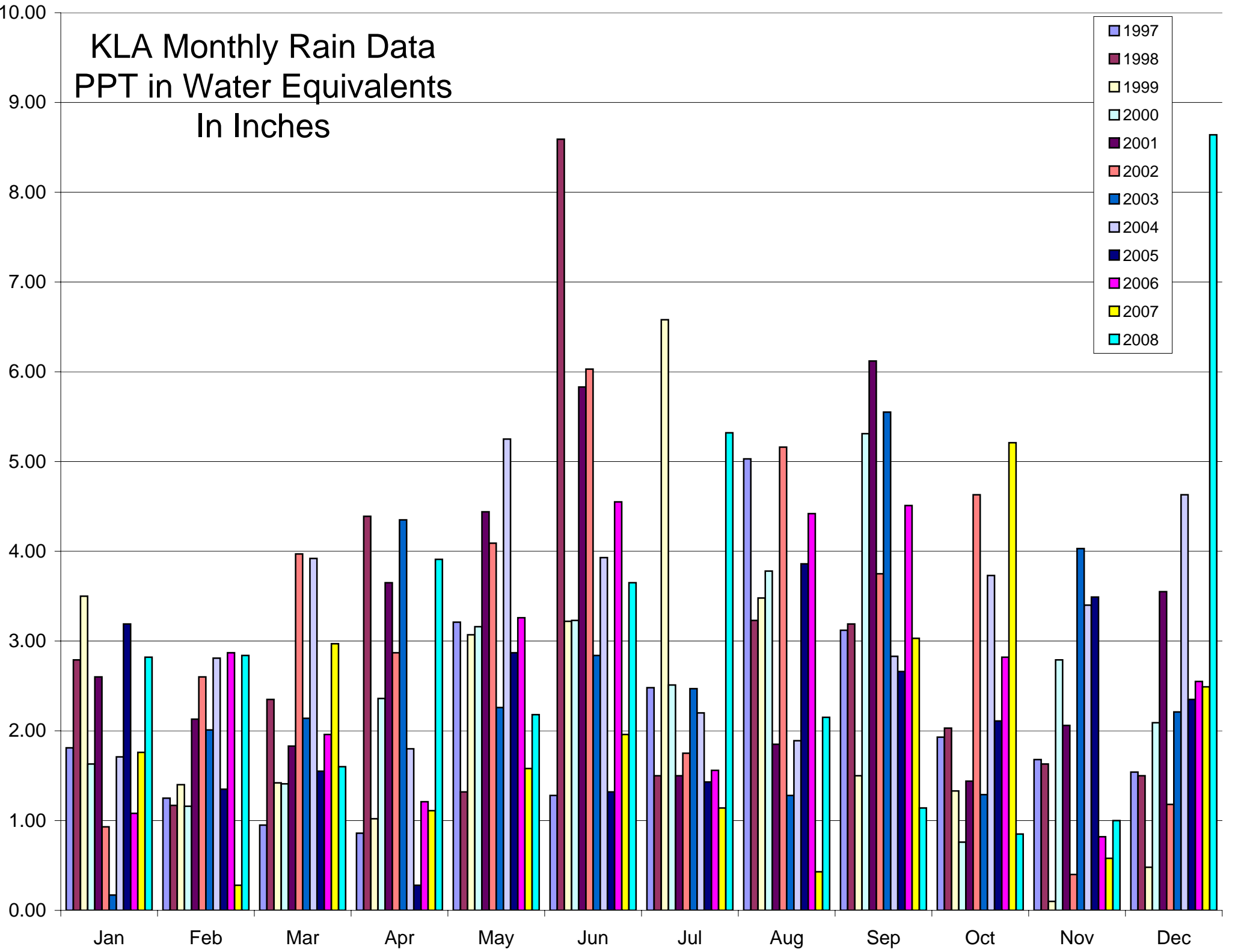


KLA Monthly Rain Data

PPT in Water Equivalents

In Inches

- 1997
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008



KLA Water Data

PPT in Water Equivalents
In Inches by Week

- 1997
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008

