I have an hourly dataset for one year. The time is recorded as
2004.xxxxx, where 'xxxxx' goes from 0 - 1, represent the portion of
that hour in the year. For example, 0.5 will be July 2, 00:00am (since
it is a leap year). But when this time is used as x axis, it is not
very clear when it is: 2004.2, 2004.4, etc. Is there a way to label
the x axis with Jan. 2004, April 2004, etc. And if I only plot the
data for one month, it can lable, July 1st, 11th, 21th, etc.

Do I have to calculate them using 'xtickv', 'xtickn'? Or there are
some existing pro.

Thanks.