

**SMBO OUTREACH
TEACHER'S WORKSHOP, SEPTEMBER 16, 2006**

INSTRUCTIONS HOW TO USE THE LAS SERVER

Data are accessed on the LAS server: Please use the following link:

<http://smbayobservatory.org>

From there, choose 'DATA' and then click on Life Access Server. This starts a new session. By going through a series of three steps, you can specify which data you want to select and how you want to display them .

The first step is the selection of the data set (for example, windspeed is found in the "Santa Monica Bay Mooring Metsys" data set. Note that there are several Metsys data sets, one for each deployment. Here we select the 2001-2003 set). The second step is the selection of the particular variable you are interested in. For problem (a), this is windspeed. Click on the square to the left of the word "windspeed" and then click "next" to the right. Note that you should select only one variable at one time. On the final selection screen, you can choose viewing options (select t-line), output options (select line plot), select full region, and then select the particular time period you are interested in (e.g., 10 March 2002 until 30 March 2002). Then click next. A line plot should appear in the next screen. You can modify your plot by using "select options" on the second screen.

If you want to print the plot, you can select postscript output under "Image format" (a gzipped postscript file will be sent to you - which requires a postscript capable printer, or Acrobat distiller) or simply take a screen shot.

Next. Try to make a plot of surface temperature for the last month, i.e. the period from August 15 until September 15, 2006.