

A \LaTeX Example Document

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This is an example document written in \LaTeX , a set of macros for Donald Knuth's \TeX typesetting system. \LaTeX is free, portable, extremely powerful, reliable, and produces output of **far higher quality** than typical word processing programs. In addition, \TeX was designed from the ground up to do professional-quality typesetting of mathematics:

$$\oint \mathbf{E} \cdot d\mathbf{l} = -\frac{d\Phi_B}{dt}.$$

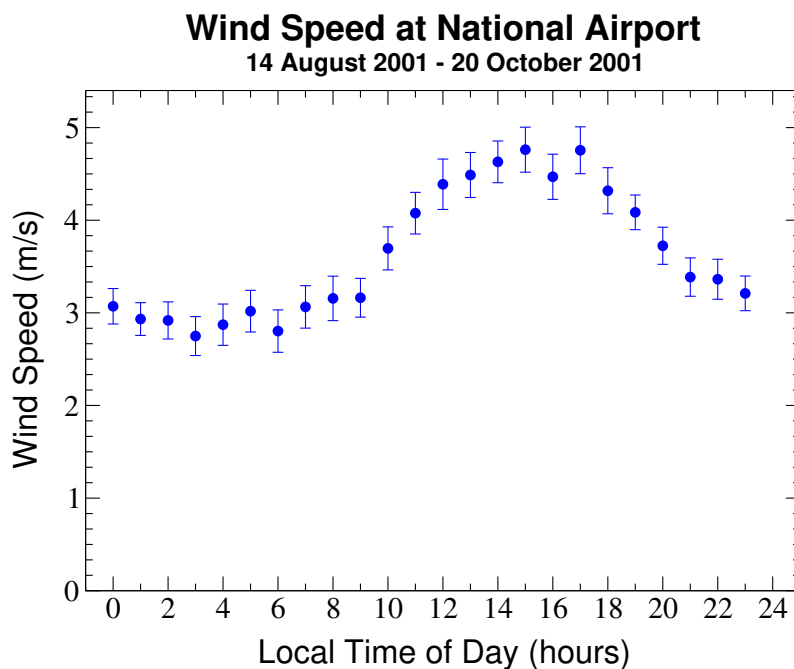


Figure 1: Data shown are averages of measurements gathered from the National Airport web site at one-hour intervals over a 67-day period. $1\text{-}\sigma$ error bars represent sample standard deviations. The data clearly indicate that the best time for sailing on the Potomac is mid-afternoon.

As you can see in Fig. 1, a \LaTeX document can include EPS graphics. The author can rescale these figures from inside the document.

For **very** useful information about how to design your figures and documents, see here: <http://www.amazon.com/dp/0133966151> .