

EPS 326 Problem set #5 Due November 1

Reading: Taylor Chapters 6,7

1-9: Problems from Taylor: QC6.1, 6.1, 6.5, QC7.1, QC7.2, 7.1, 7.3, 7.5, 7.7.

10. A question sent to a newspaper column is "*I have heard that lightning strikes more men than women. How can lightning know the difference between sexes?*"

- a) Determine if the difference exists and if so, how large it is.
- b) Suggest several possible explanations and present data to test these ideas.
- c) What is your preferred explanation?

Give citations for all data you use.