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ATMO 529  
Assignment 1  
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*Find a data-oriented website in the atmospheric or related sciences which can be posted on the related links page. Write a short one paragraph description of the site and types of data found on it.*

Parameter-elevation regressions on independent slopes model (PRISM) data in grid and graphics form are available through The PRISM Group at Oregon State University (<http://prism.oregonstate.edu/>). PRISM data are spatial climate data in geographic information system (GIS)-compatible digital form, based on meteorological station data and produced through a human-expert and statistical knowledge-based system (Daly *et al.* 2002). At a grid cell size of 4 km, PRISM data include monthly and annual mean values of maximum temperature, minimum temperature, and dewpoint temperature, as well as monthly and annual amounts of precipitation for the continental United States from 1895 through present. These same monthly variables, along with normals for the period 1971-2000, also are available at a grid cell size of 800 m. Monthly and annual data at this spatial resolution, however, only are attainable from 1997 through present. Downloading data can be done through an interactive MapServer Explorer, by individual monthly or annual files listed by decade, or through browsing the FTP site.

#### References

Daly, C., W.P. Gibson, G.H. Taylor, G.L. Johnson, and P. Pasteris, 2002: A knowledge-based approach to the statistical mapping of climate. *Climate Research*, **22**, 99-113.