



Weather Forecast Project

http://40two.info/barge/es/weather/weather_forecasting.htm

By forecasting on a regular basis, you'll experience the difficulty involved in making a forecast under changing weather conditions. You'll be able to investigate the accuracy of your forecasts through comparison with actual observation. Forecasting is a difficult business, and even a meteorologist whose been forecasting all his/her life, will once in a while totally blow a forecast. So don't get frustrated. Use the *Understanding weather data handouts* and what you learn from them.

Part I – Choose a city in the United States or internationally. If you want to do an international city you may have to find web sites that host international weather data. You will record this on all documents that you submit

Part II – Make a forecast – You will do one practice forecast and then several that will count for your grade. You will be able to revise some of those forecasts. All forecasts and revisions will be submitted through Moodle. You will use the document *Forecast Project Worksheet* for your forecast and the document *Forecast Project Revision* for any revisions.

Part III – Calculating error – You will calculate the error of your week long forecast, both in temperature and precipitation.

Part IV – Analyzing the data - You will write up an analysis of your forecasting experience with your discussion covering several key points.

Part III and Part IV will be submitted in the same document *Forecast Project Analysis*.

Submissions are due by 11:55 pm school time of the due date. School time is usually 5 minutes fast.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
10/24/11 Practice handouts	10/25/11 Practice handouts Due: Submit practice forecast worksheet for 10/26, 27 & 28	10/26	10/27 Seminar	10/28 Analyze practice forecast with archived and current data Forecast Due: Submit 1 st forecast wksht for 10/29, 10/30 & 10/31	10/29	10/30
10/31 Test Analysis #1 for 1 st forecast Due: Submit analysis by 11:55 pm Thurs 11/3	11/01 Field Trip	11/02	11/03 Seminar	11/04 Analyze 1 st forecast Due: Submit 2 nd forecast– <i>Due by 11:55 pm Sat 10/30</i>	11/05	11/06
11/07 Forecast for 11/8 & 11/9 Due: Submit revision by 11:55 pm	11/08 Revision for 11/9 Due: Submit revision by 11:55 pm	11/09 Analysis #2 for 1 st and 2 nd Forecasts Due: Submit forecast project analysis – <i>Due by 11:55 pm</i>	11/10 PD Day	11/11 Veterans' Day		