

BlueSky Smoke Forecasting System

- Available at: <http://www.bcairquality.ca/bluesky/west/index.html>
- Predicts ground level PM2.5 concentrations due to smoke from wildfires
- Experimental at this time- so use with caution
- Forecast is hour-by-hour for the next 48 hours
- Forecast can be opened in Google Earth for better visualization; just click the .kmz file
- Provides good estimate for the direction of smoke transport and reasonable estimates for PM2.5 concentrations
- It will not predict where fires will start, it will predict how smoke will disperse once a fire starts
- It uses satellite images to locate smoke
- Cloud cover mask smoke and cause errors in concentration estimates
- Very useful if there is a forest fire close by and you would like to know if a city will get impacted
- Output is color coded, a red plume means higher concentration than a green plume

Smoke Forecast Issued at: Tuesday, May 28, 2013, 12:50 PDT

Currently showing forecast image for: Wednesday, May 29, 2013, 9:00 PDT

