WindNinja runs for the Station Fire, California

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A research version of the microscale wind model WindNinja was run for 4 different locations (DEMs) on the Station Fire for the forecast time of 9/4/2009 at 1400 local time. Modeling results reflect the surface 20 feet winds (mph) for the targeted forecast time. This version of WindNinja uses the National Weather Service’s National Digital Forecast Database (NDFD) for initialization. This technique allows WindNinja to incorporate mesoscale information (through NDFD) into it’s usual microscale simulations that incorporate local terrain effects. These simulations also incorporate diurnally driven slope flows effects.