BlueSky System Update

Brian Potter PNW Fire Lab, AirFire Team Regional Smoke Mgmt Meeting

Smoke Modeling Fram

Integr

7



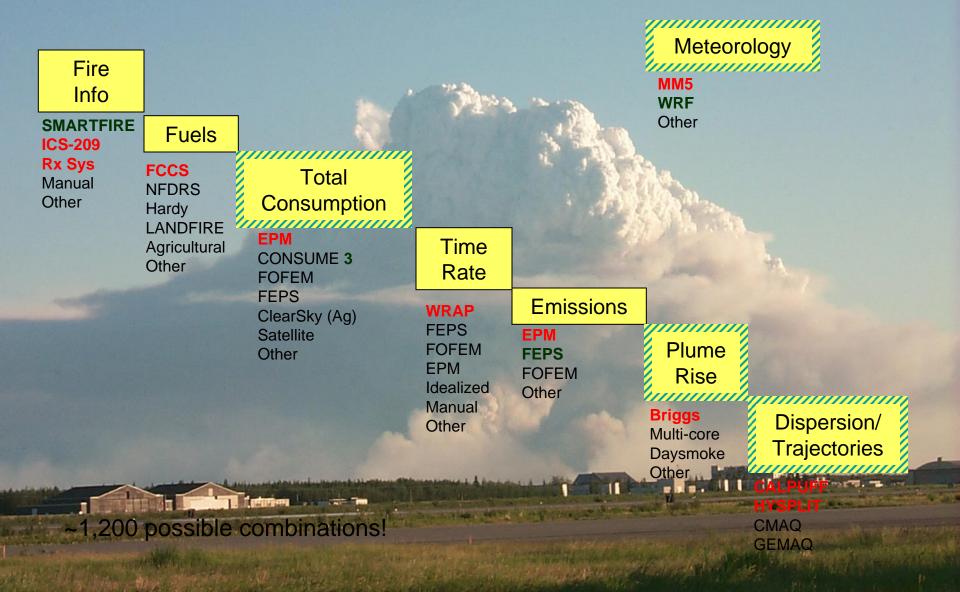
centralized

BlueSky

system.



BlueSky Production Runs



Meteorology Changes

- Slight domain expansion
- Longer 4 km resolution runs (72 hours)
- MM5 model replaced with WRF model 4/15

SMARTFIRE

Ground-Based Systems (e.g. ICS-209) Satellite Fire Info. (NOAA HMS)

Expert Users (e.g. Incident Command Teams)

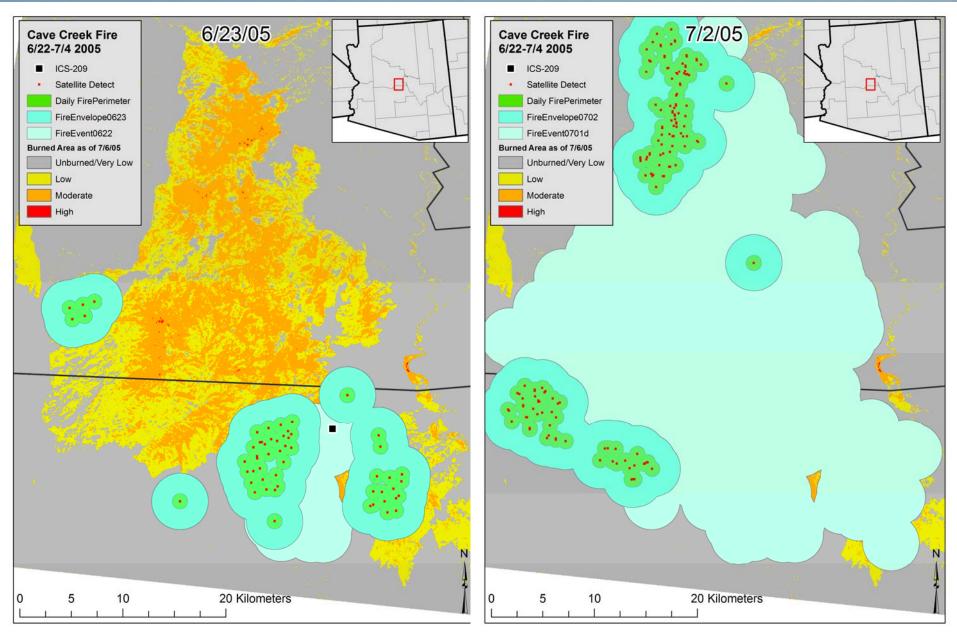
Barran Barranta

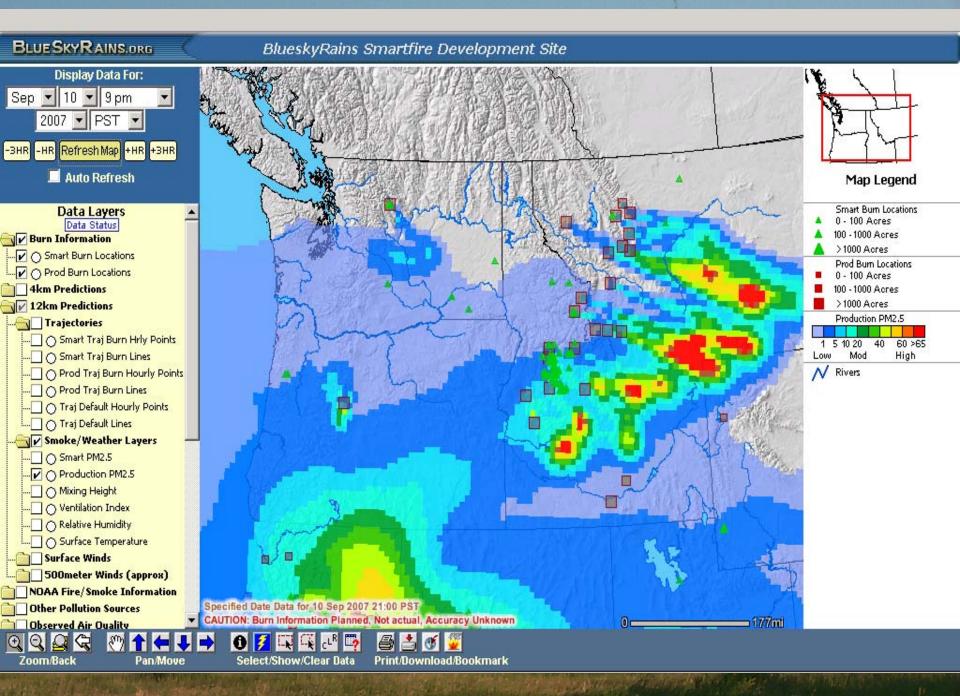
SMARTFIRE

Reconciled fire data stream including sub-grid fuels and plume information

BLUESKY

SMARTFIRE FireEvent Development





Under Development

- Location/Fuels/Consumption Sensitivity
- BlueSky-Historic Climate planning (AQUIPT)
- Scenario-building interface

Questions?

The state of the s

AQUIPT

- BlueSky run with historic climate data
- If I burn here in January, where is the smoke likely to go?

