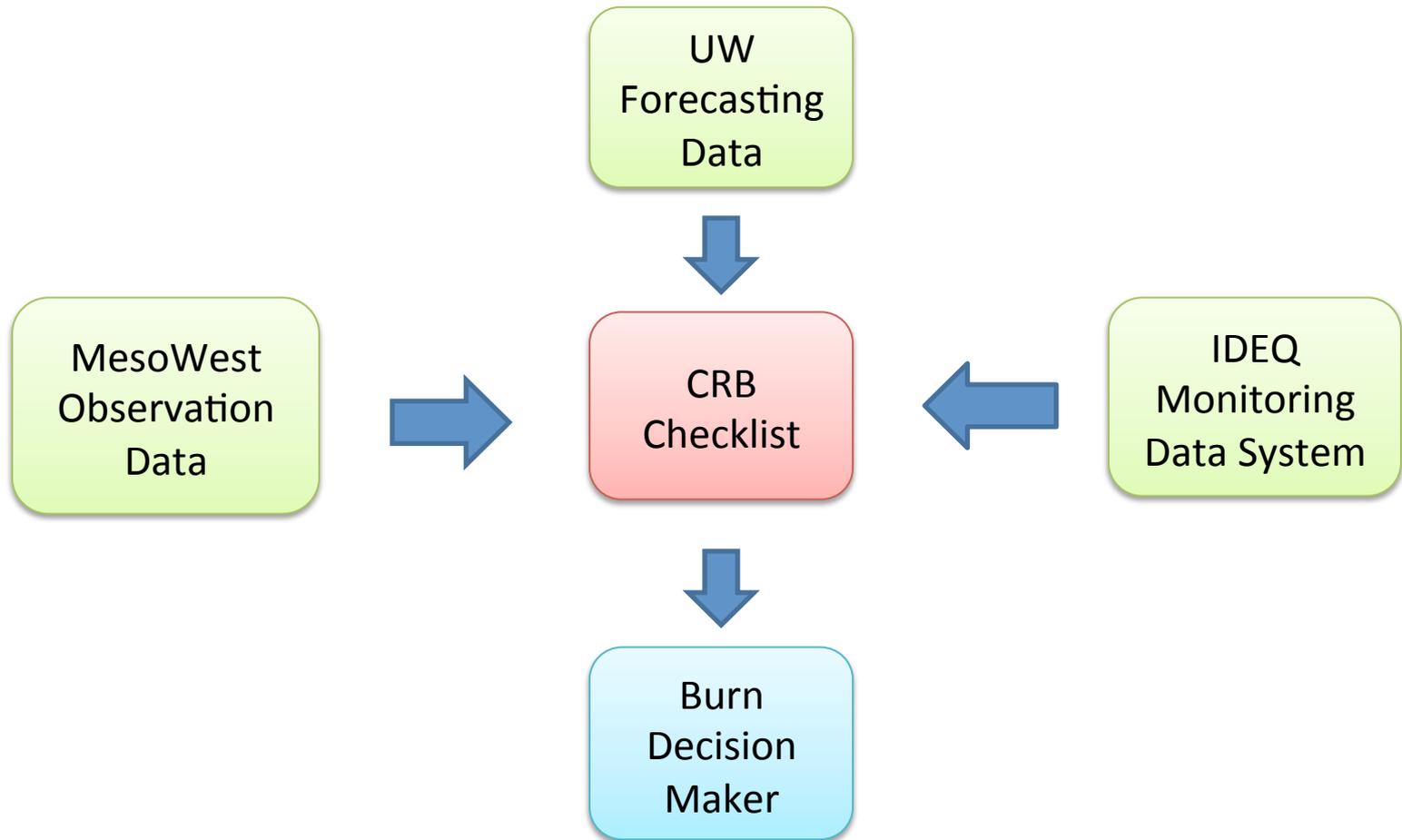


IDEQ CRB Checklist

History

- It was born when the Agriculture Burn Program was established at year 2008
- It was improved with Data System changes and User feedback along the way
- Major changes happened at Year 2013 (add evaluation of forecasting data)
- It continues to operate and evolve...

System Review



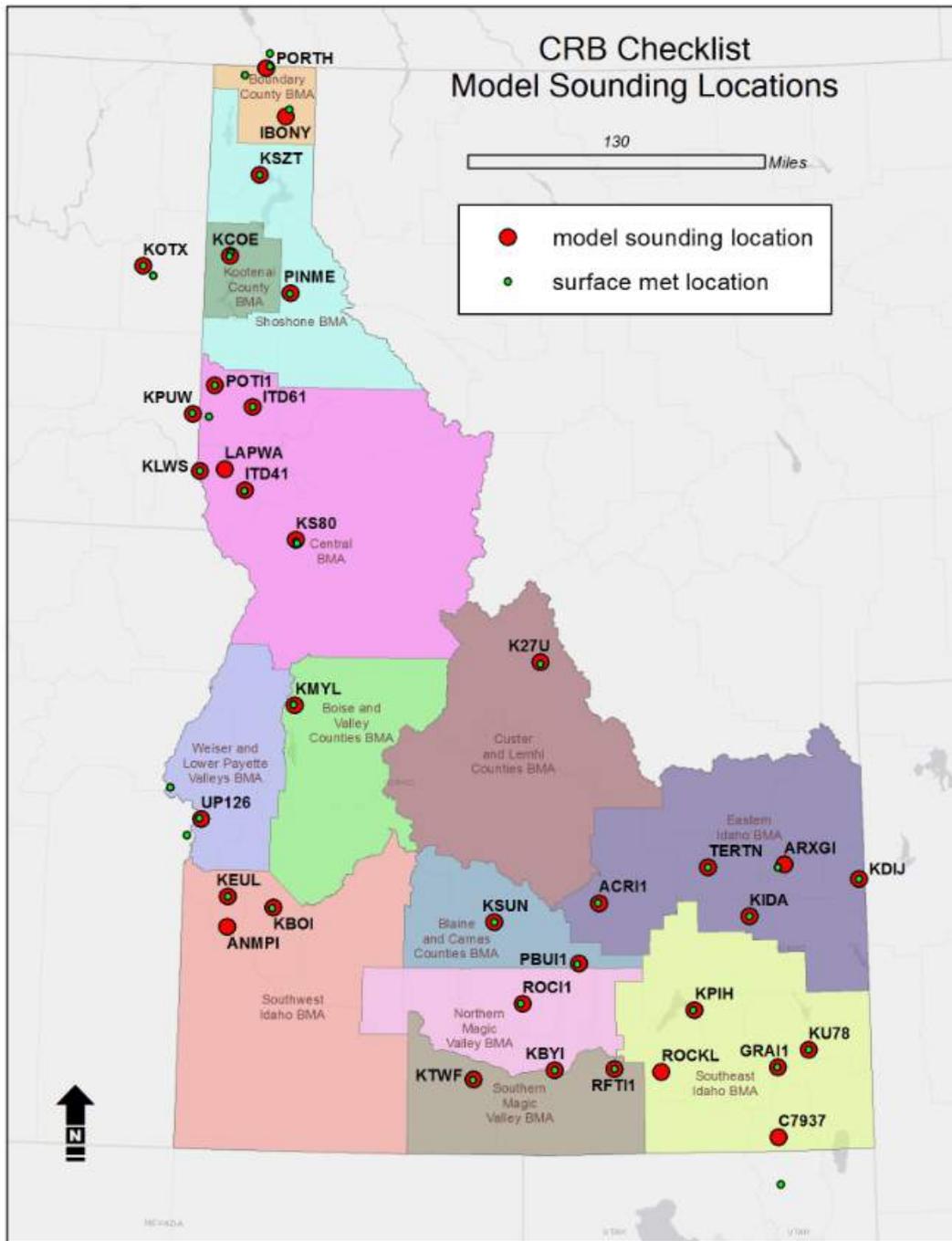
DEQ Regional Office	Burn Management Area
Coeur d'Alene	Boundary
	Kootenai
	Shoshone
Lewiston	Central
Lewiston Boise	Central Weiser & Lower Payette Valleys
Boise Twin Falls	Weiser & Lower Payette Valleys Boise & Valley Co
	Boise & Valley Co Southwest Idaho
	Southwest Idaho Blaine & Camas
Twin Falls Pocatello	Blaine & Camas Northern Magic Valley
	Northern Magic Valley Southern Magic Valley
	Southern Magic Valley Southeast Idaho
Pocatello Idaho Falls	Southeast Idaho Eastern Idaho
Idaho Falls	Eastern Idaho Custer & Lemhi
	Custer & Lemhi

CRB Checklist Model Sounding Locations

130

Miles

- model sounding location
- surface met location



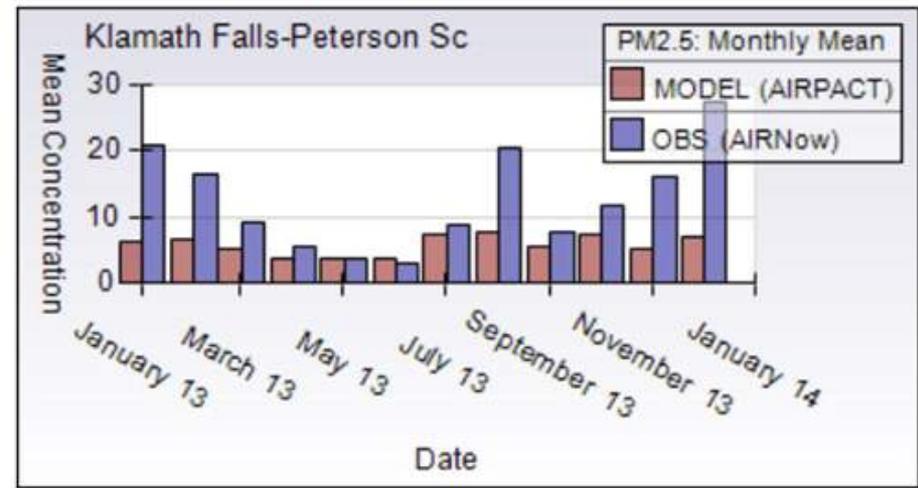
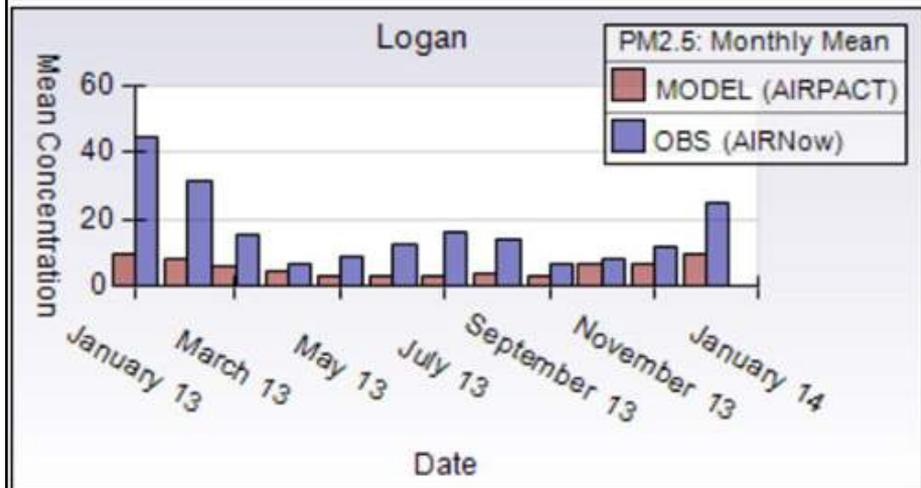
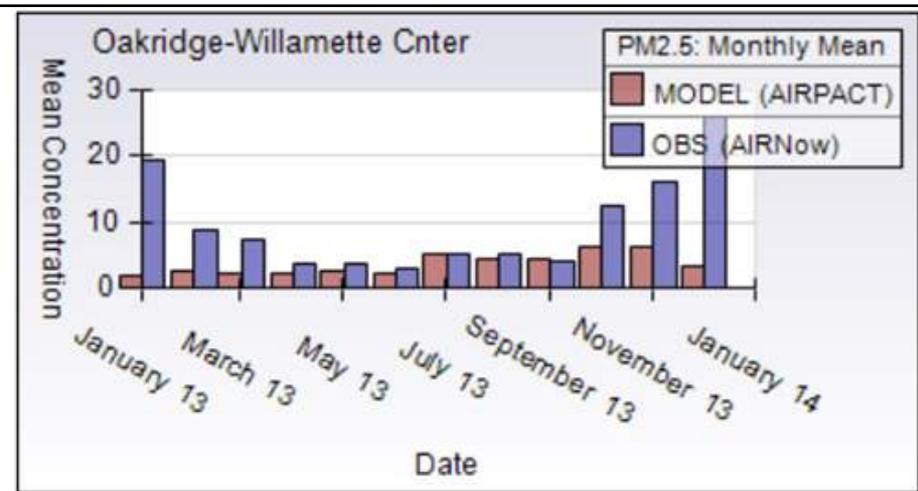
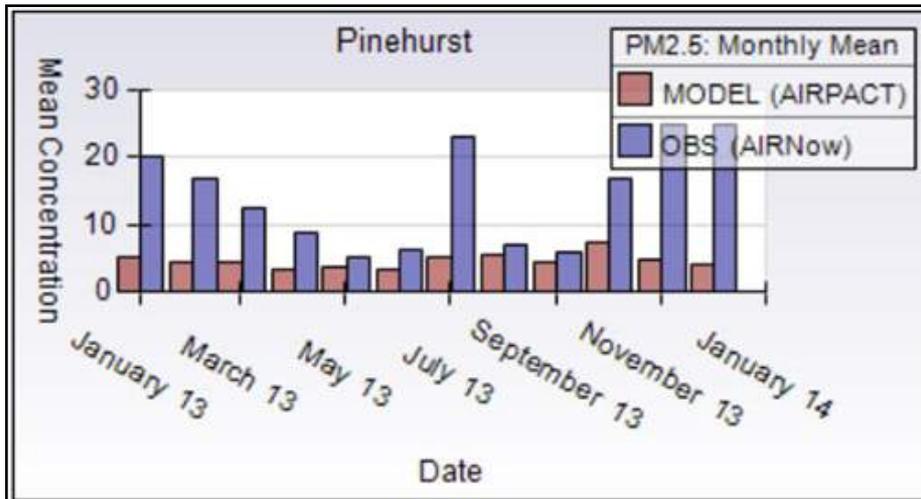
CRB Checklist Surface Meteorology Locations



An Example

More Parameters are not always better;

AIRPACT performance in mountain valleys is extremely poor in winter, largely due to sub-grid terrain and failure to simulate cold air pools in WRF



Idea for Discussion

- Use a simple box model or DSL-based model for these mountain valley airsheds. (See PSCAA box model)
- Fit a model for any small airshed where there is a need or interest.
- Automate one or both simple models (DSL, Box)
- Populate a table or graph on Airpact site for those cities not captured by AIRPACT.
- These cities are all NAA or near and are in great need of the best possible forecast that is easy to use.