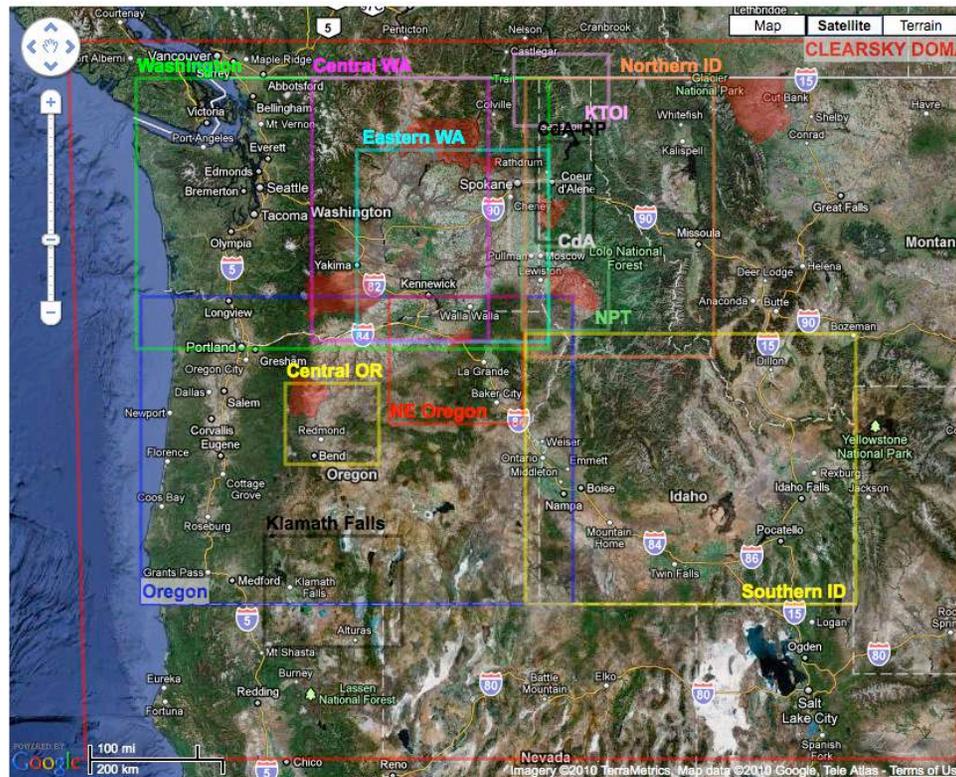


ClearSky Online Gaming Tool

Jen Hinds, Ray Peterson and Joe Vaughan

ClearSky Burn Scenario Input Form



Enter information into the fields below for submittal to ClearSKY:

— STEP 1 —
Click map to get coordinates.
To remove a point, click it again.

Latitude:

Longitude:

— STEP 2 —
Field burn information.

Enter Acreage:

Field burn rate (acres/hr): (integer)

Crop Type: Wheat Bluegrass

Fuel loading (tons/acre): (integer)

Start burn: Pacific Daylight Time

Click "Enter" to see your selection in the table below. **Additional burn sites** may be added by completing Steps 1 and 2 again before continuing to Step 3.

— STEP 3 —
Specify run date and output domain.

Select run date: (yyyymmdd)

Select output domain:

— STEP 4 —
User information.

Your email:

Affiliation:

Burn Area	Latitude	Longitude	Acreage	Burn Rate	Crop Type	Fuel Load	StartBurn
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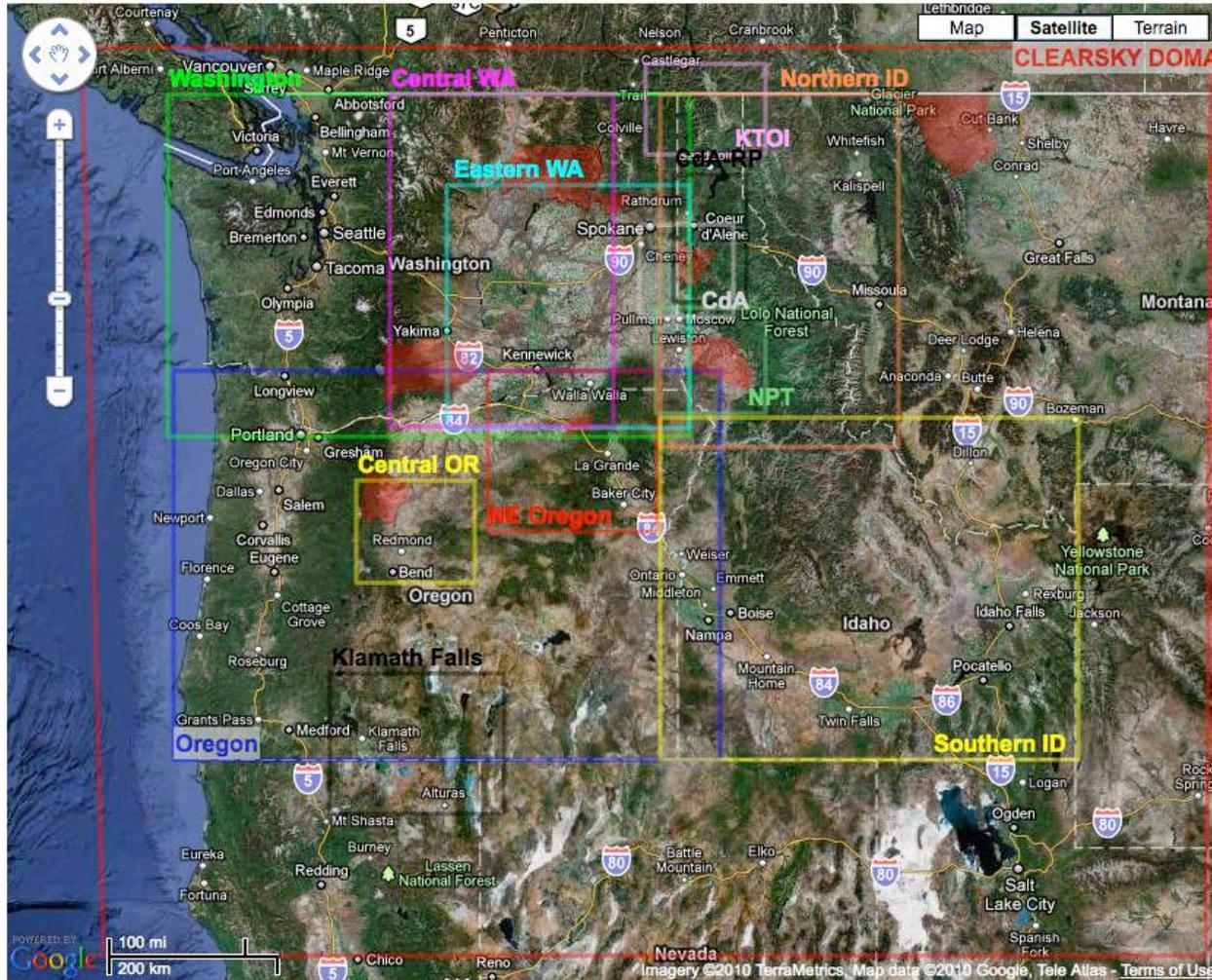
http://www.atmos.washington.edu/~empact/ClearSKY_test/csky_game2.php

ClearSky Online Gaming Tool

http://www.atmos.washington.edu/~empact/ClearSKY_test/csky_game2.php

- Rapid Response Ag-burn Plume Simulator
- Interactive Google Map
- Daily ClearSky run provides calmet.dat meteorology.
- Allows multiple burn sites
- Resulting PM2.5 and Winds shown as map animations

ClearSky Burn Scenario Input Form



Red-filled polygons = Tribal Lands Toggle Subdomain Overlays

Enter information into the fields below for submittal to ClearSKY:

— STEP 1 —

Click map to get coordinates.
To remove a point, click it again.

Latitude:

Longitude:

— STEP 2 —

Field burn information.

Enter Acreage:

Field burn rate (acres/hr): (integer)

Crop Type: Wheat Bluegrass

Fuel loading (tons/acre): (integer)

Start burn: Pacific Daylight Time

Click "Enter" to see your selection in the table below. **Additional burn sites** may be added by completing Steps 1 and 2 again before continuing to Step 3.

— STEP 3 —

Specify rundate and output domain.

Select run date: (yyyymmdd)

Select output domain:

— STEP 4 —

User information.

Your email:

Affiliation:

Burn Area	Latitude	Longitude	Acreage	Burn Rate	Crop Type	Fuel Load	StartBurn
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http://www.atmos.washington.edu/~empact/ClearSKY_test/csky_game2.php

ClearSky Online Gaming Tool

- User specifies:
 - Burn location
 - Acreage
 - Burn rate
 - Crop type
 - Fuel load
 - Time and date
 - Model sub-domain for display

Enter information into the fields below for submittal to ClearSKY:

— STEP 1 —
Click map to get coordinates.
To remove a point, click it again.

Latitude:

Longitude:

— STEP 2 —
Field burn information.

Enter Acreage:

Field burn rate (acres/hr): (integer)

Crop Type: Wheat Bluegrass

Fuel loading (tons/acre): (integer)

Start burn: Pacific Daylight Time

Click "Enter" to see your selection in the table below. **Additional burn sites** may be added by completing Steps 1 and 2 again before continuing to Step 3.

— STEP 3 —
Specify rundate and output domain.

Select run date: (yyyymmdd)

Select output domain:

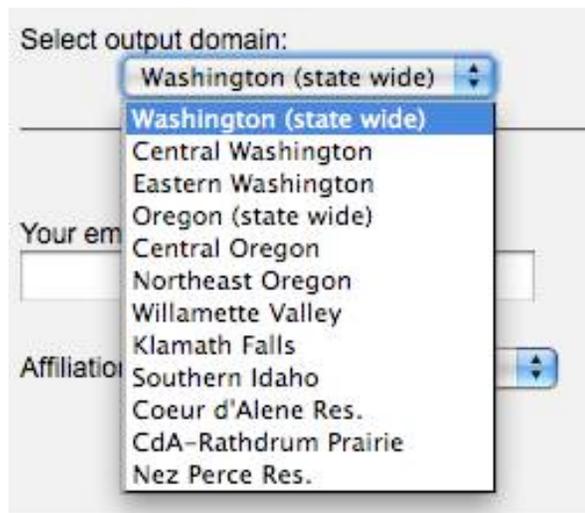
— STEP 4 —
User information.

Your email:

Affiliation:

ClearSky Online Gaming Tool

- Current Status
 - Supported sub-domains:



- Currently unsupported sub-domains:
 - Full NW domain, KTOI, N Idaho

[link sent by ClearSky Gaming application](#)

ClearSky Online Gaming Tool

Will be presented to 'Smoke Managers',
Regional Smoke Meeting, Coeur d'Alene Casino
and Resort, April 14, 2010.

ClearSky Burn Scenario Input Form

Enter information into the fields below for submittal to ClearSKY:

— STEP 1 —
Click map to get coordinates.
To remove a point, click it again.

Latitude:

Longitude:

— STEP 2 —
Field burn information.

Enter Acreage:

Field burn rate (acres/hr): (integer)

Crop Type: Wheat Bluegrass

Fuel loading (tons/acre): (integer)

Start burn: Pacific Daylight Time

Click "Enter" to see your selection in the table below. **Additional burn sites** may be added by completing Steps 1 and 2 again before continuing to Step 3.

— STEP 3 —
Specify rundate and output domain.

Select run date: (yyyymmdd)

Select output domain:

— STEP 4 —
User information.

Your email:

Affiliation:

Burn Area	Latitude	Longitude	Acreage	Burn Rate	Crop Type	Fuel Load	StartBurn
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http://www.atmos.washington.edu/~empact/ClearSKY_test/csky_game2.php