

Calibration of 2011 East Volkmar Fire (207)

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

Delta Junction, AK

Places

- My Places
 - Untitled Placemark
 - 60 58.851' N, 149 28.232' W
 - 60 59.023' N, 149 28.125' W
 - 60 59.292' N, 149 27.980' W
 - 60 59.302' N, 149 28.019' W
- Temporary Places
 - East Volkmar - May 26 Igniti...
 - 20110526_Ignition_pt
 - East Volkmar - May 26 Igni
 - 20110526_Ignition_pt_real...
 - 20110623 AKR NPS Fire Ma...
 - Alaska Parks Outline
 - NPS Land Status
 - Fire Management Data
 - Fire Weather Stations
 - NPS Fire Protection Poin...
 - Fire Protection Organizatio
 - Historic Fire Perimeters: ...

Layers Earth Gallery

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain

Thursday, May 26 2011 (afternoon)



Delta Junction, AK

East Volkmar - May 26 Ignition Location

Search

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

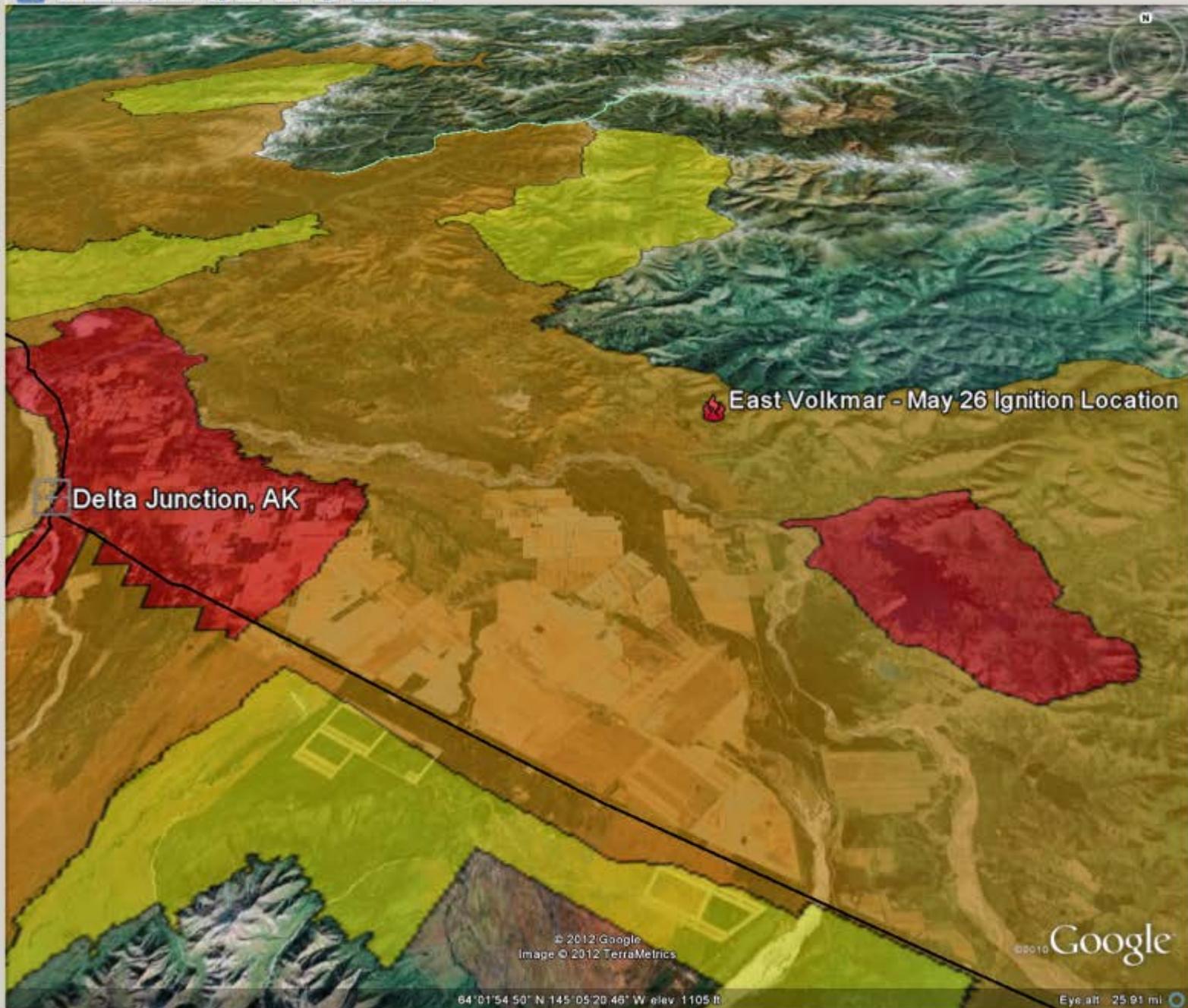
Delta Junction, AK

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 - 2000-2010
 - 1990-1999
 - 1980-1989
 - 1970-1979
 - 1960-1969
 - 1950-1959
 - 1940-1949
- Native Allotments - Ful ...
 - Fire Management Options
- DRGs and Additional Imag...
- Highways
- Features

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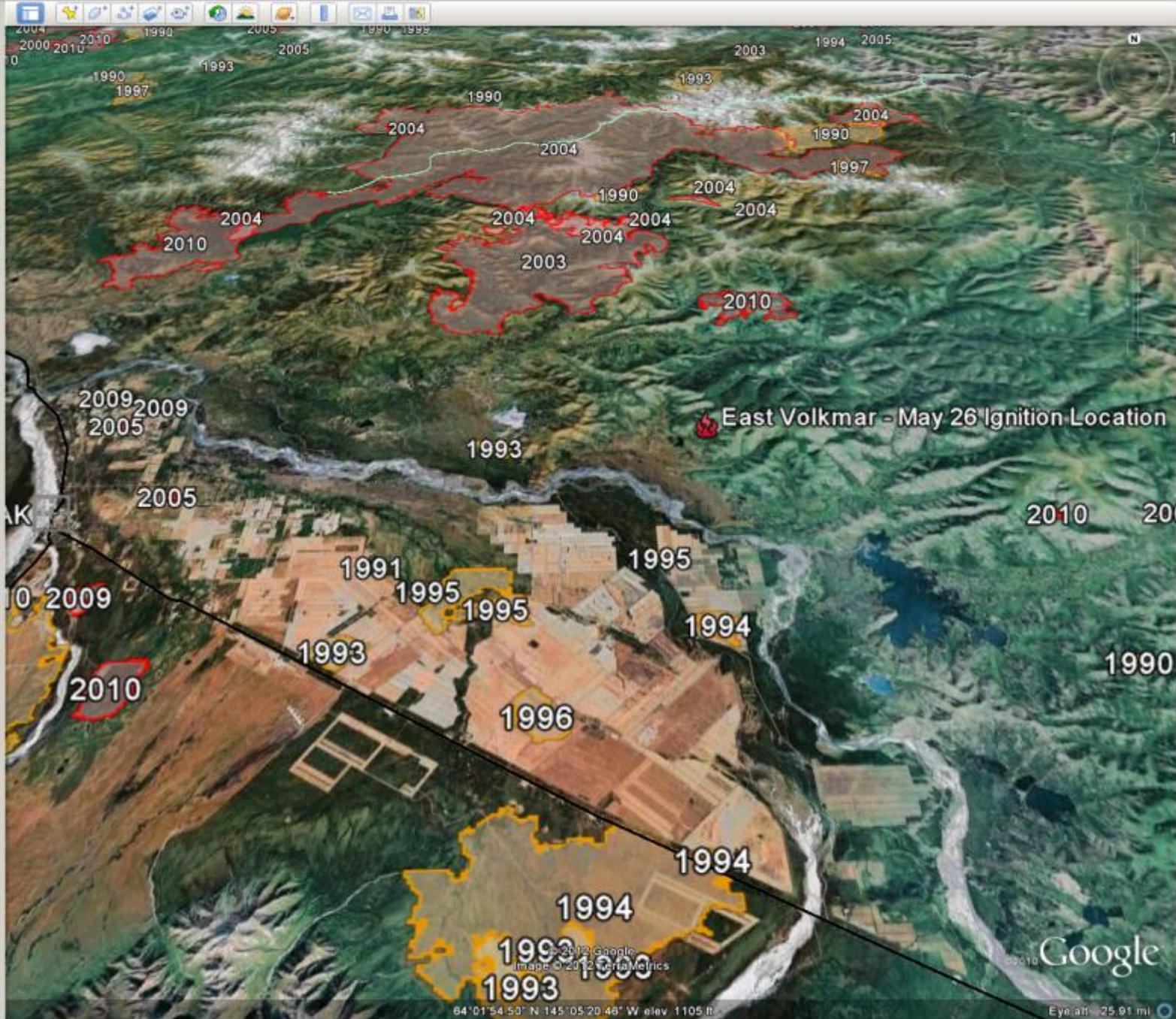
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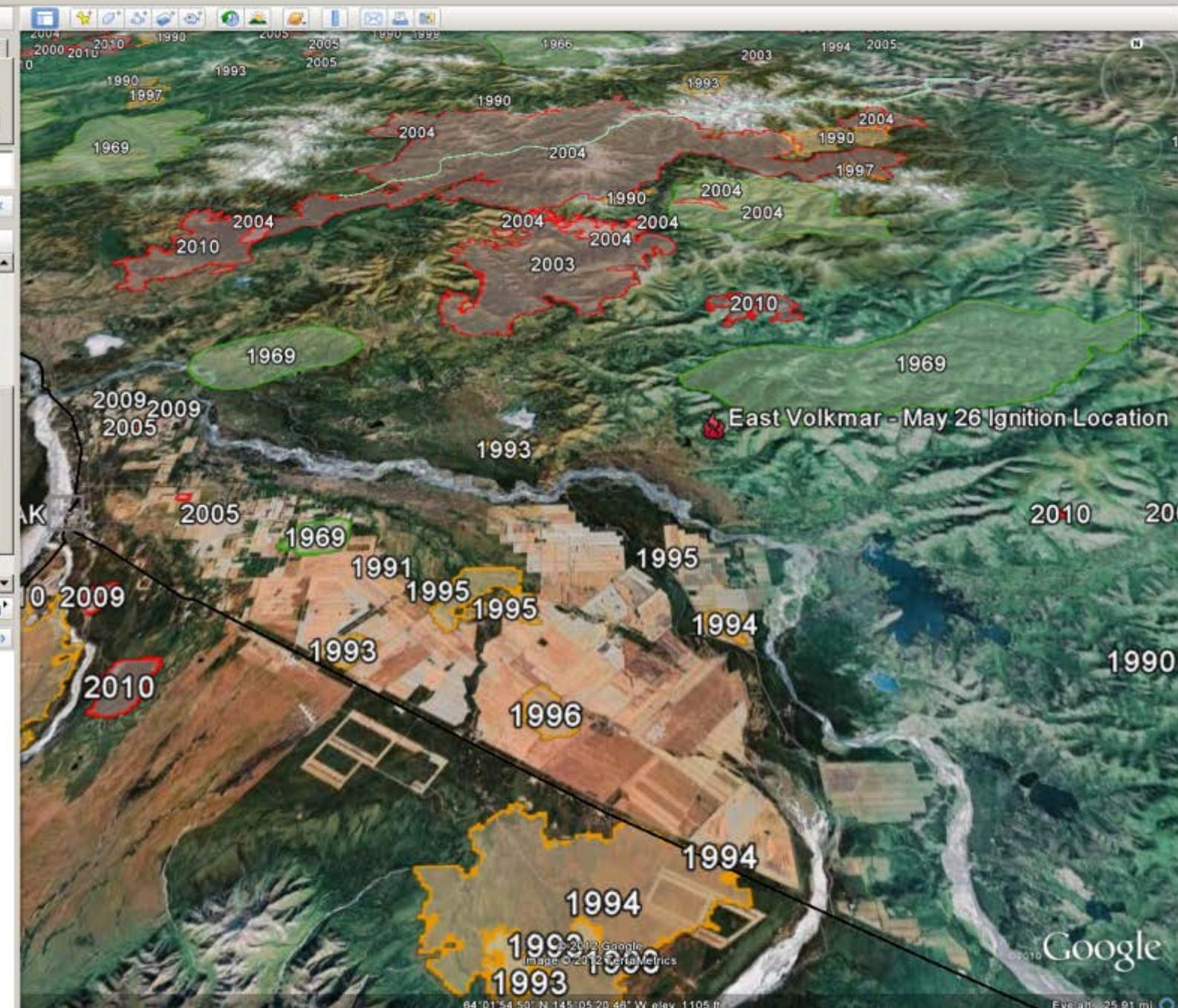
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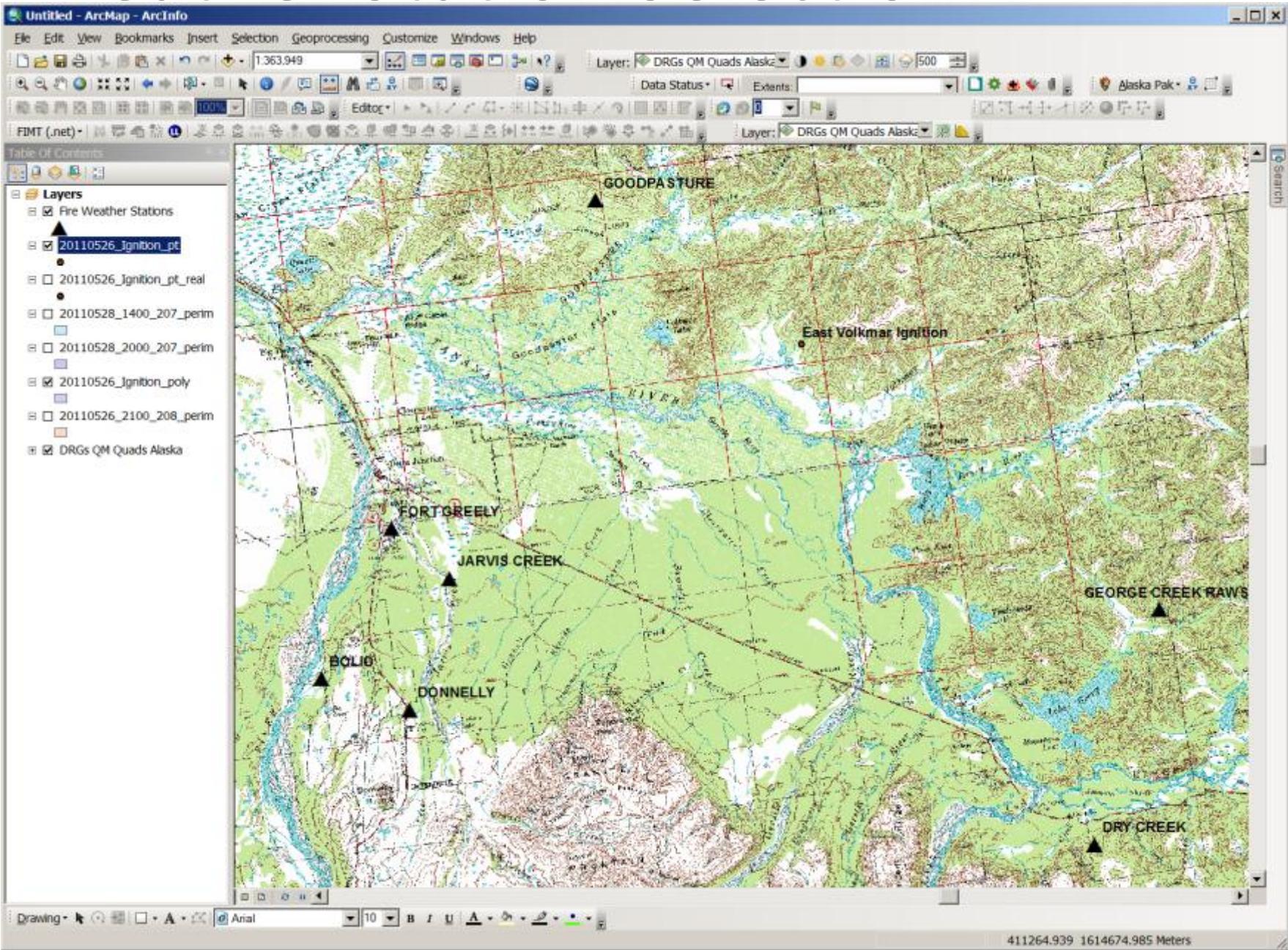


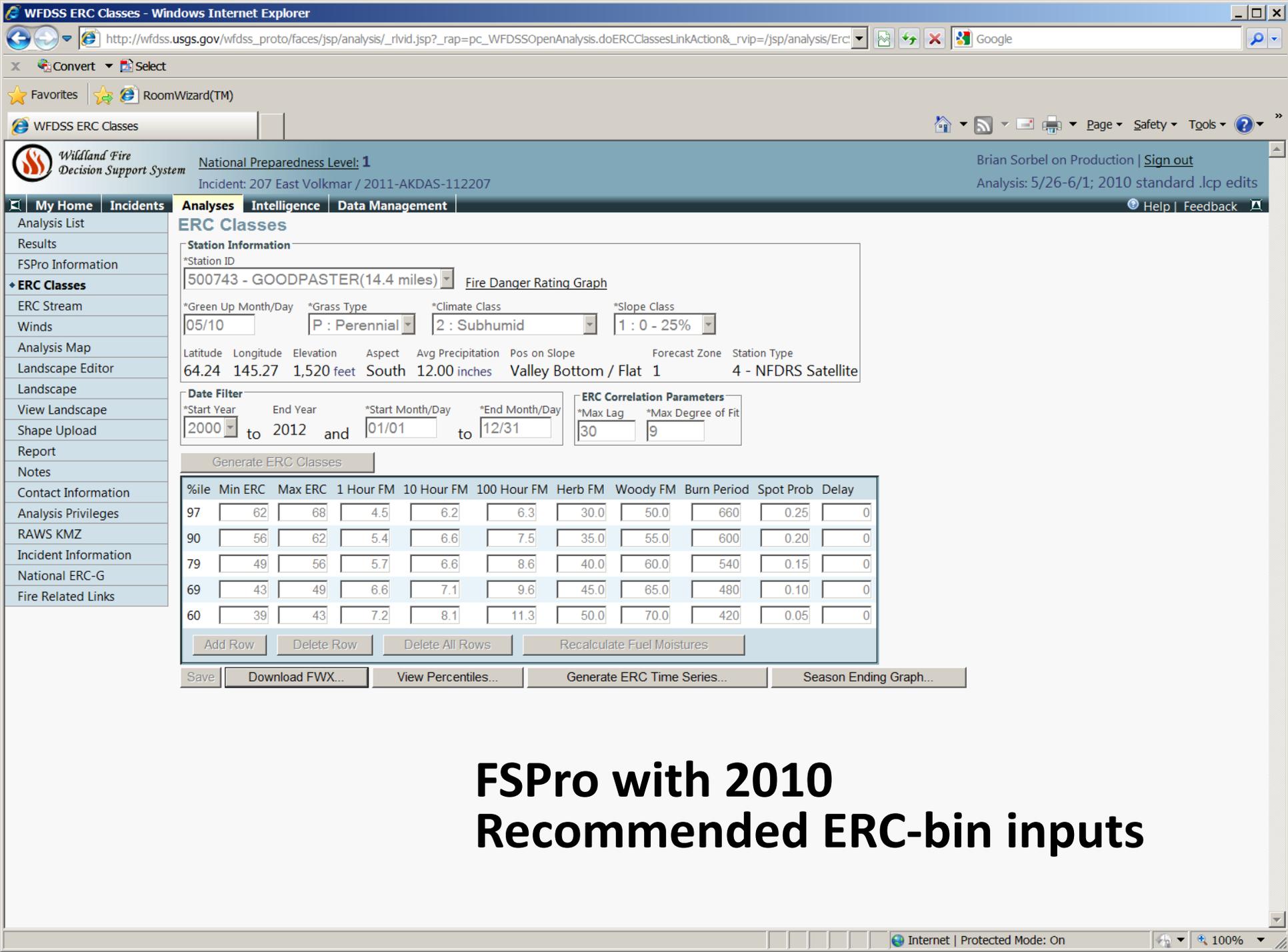
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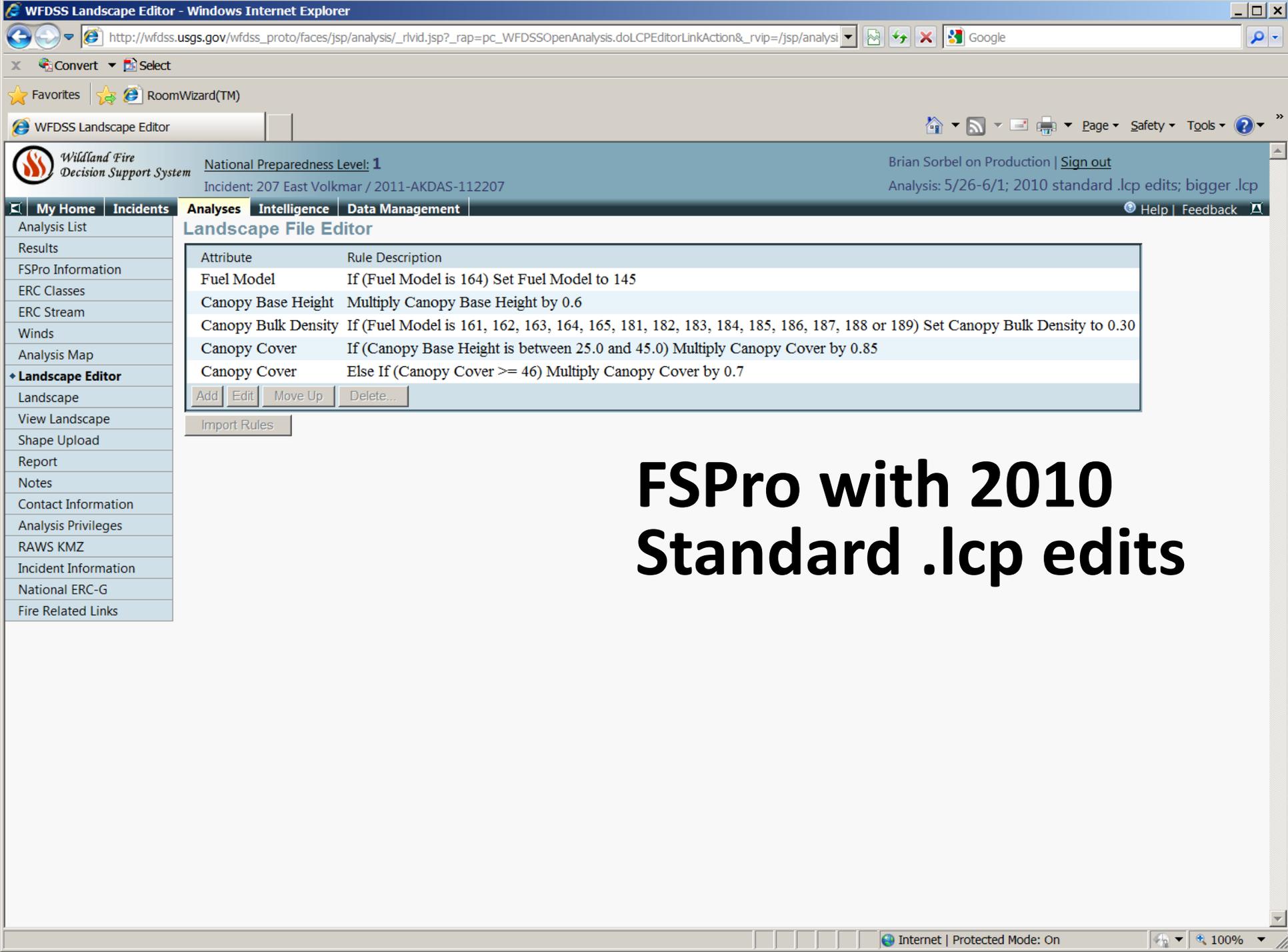


Weather Station Selection





FSPro with 2010 Recommended ERC-bin inputs



National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

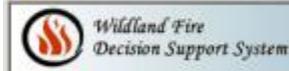
Brian Sorbel on Production | [Sign out](#)
Analysis: 5/26-6/1; 2010 standard .lcp edits; bigger .lcp

- My Home
- Incidents
- Analyses
- Intelligence
- Data Management
- Analysis List
- Results
- FSPPro Information
- ERC Classes
- ERC Stream
- Winds
- Analysis Map
- ◆ Landscape Editor
 - Landscape
 - View Landscape
 - Shape Upload
 - Report
 - Notes
 - Contact Information
 - Analysis Privileges
 - RAWS KMZ
 - Incident Information
 - National ERC-G
 - Fire Related Links

Landscape File Editor

Attribute	Rule Description
Fuel Model	If (Fuel Model is 164) Set Fuel Model to 145
Canopy Base Height	Multiply Canopy Base Height by 0.6
Canopy Bulk Density	If (Fuel Model is 161, 162, 163, 164, 165, 181, 182, 183, 184, 185, 186, 187, 188 or 189) Set Canopy Bulk Density to 0.30
Canopy Cover	If (Canopy Base Height is between 25.0 and 45.0) Multiply Canopy Cover by 0.85
Canopy Cover	Else If (Canopy Cover >= 46) Multiply Canopy Cover by 0.7

FSPPro with 2010 Standard .lcp edits



National Preparedness Level: 1
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Legend

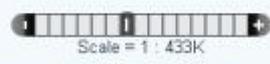
Fire Spread Probability

Red	80-100%
Orange	60-79%
Yellow	40-59%
Light Green	20-39%
Blue	5-19%
Dark Blue	0.2-4.9%
Pink	< 0.2%

Layers

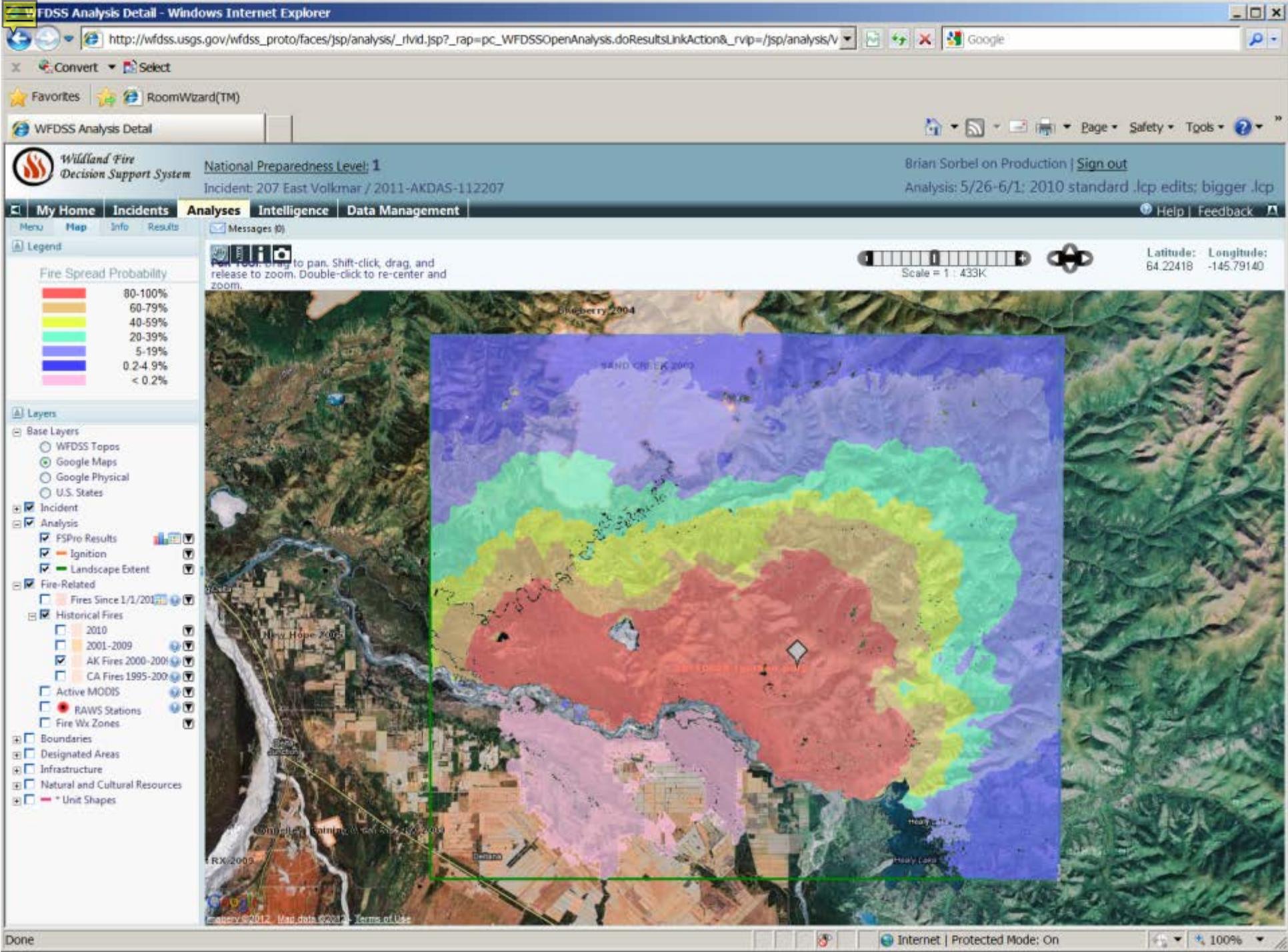
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
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 - Landscape Extent
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 - CA Fires 1995-2001
 - Active MODIS
 - RAWS Stations
 - Fire Wx Zones
- Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes

Click, drag to pan. Shift-click drag, and release to zoom. Double-click to re-center and zoom.



Latitude: 64.17525
Longitude: -145.26628





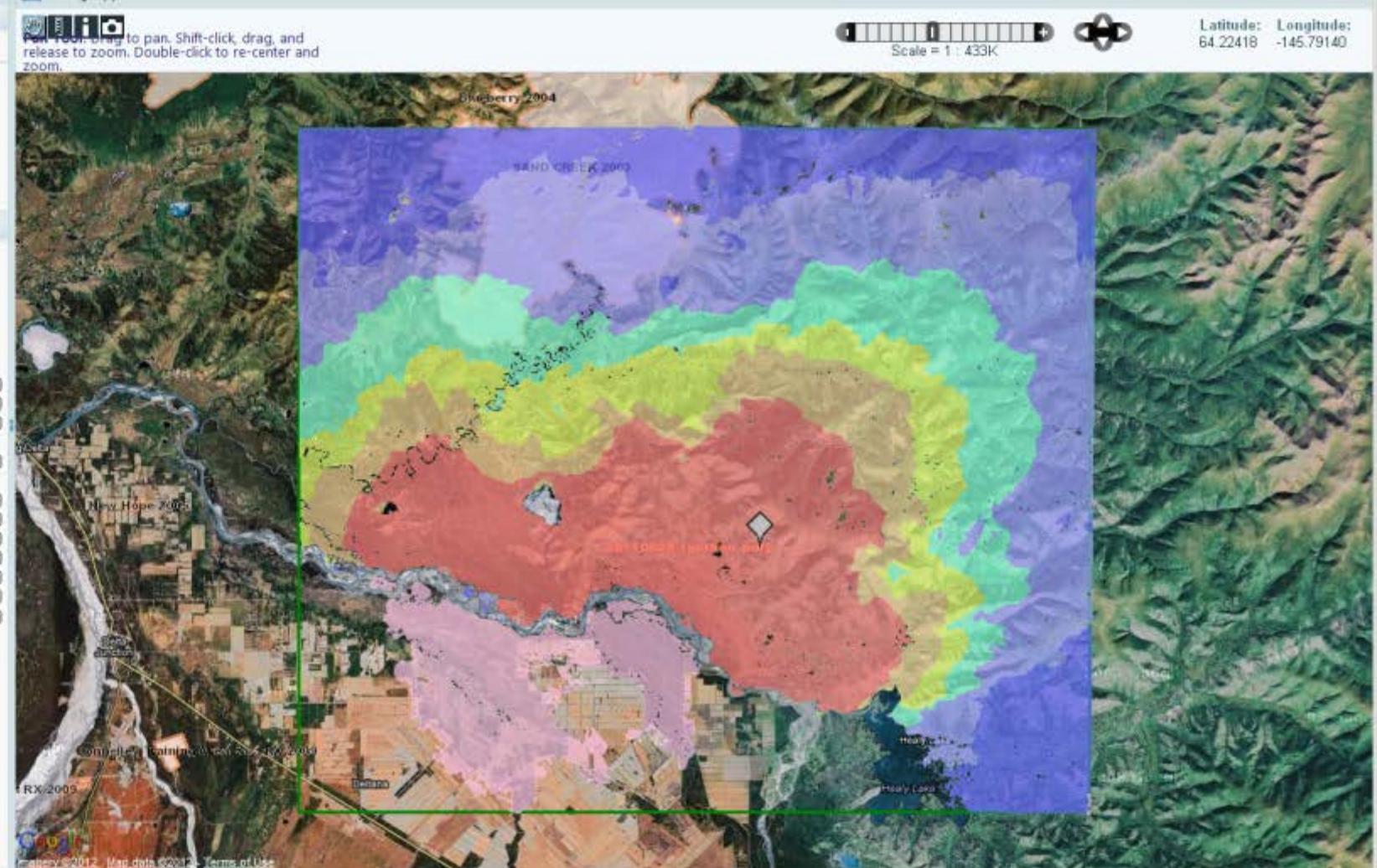
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Messages (0)

Scale = 1 : 865K

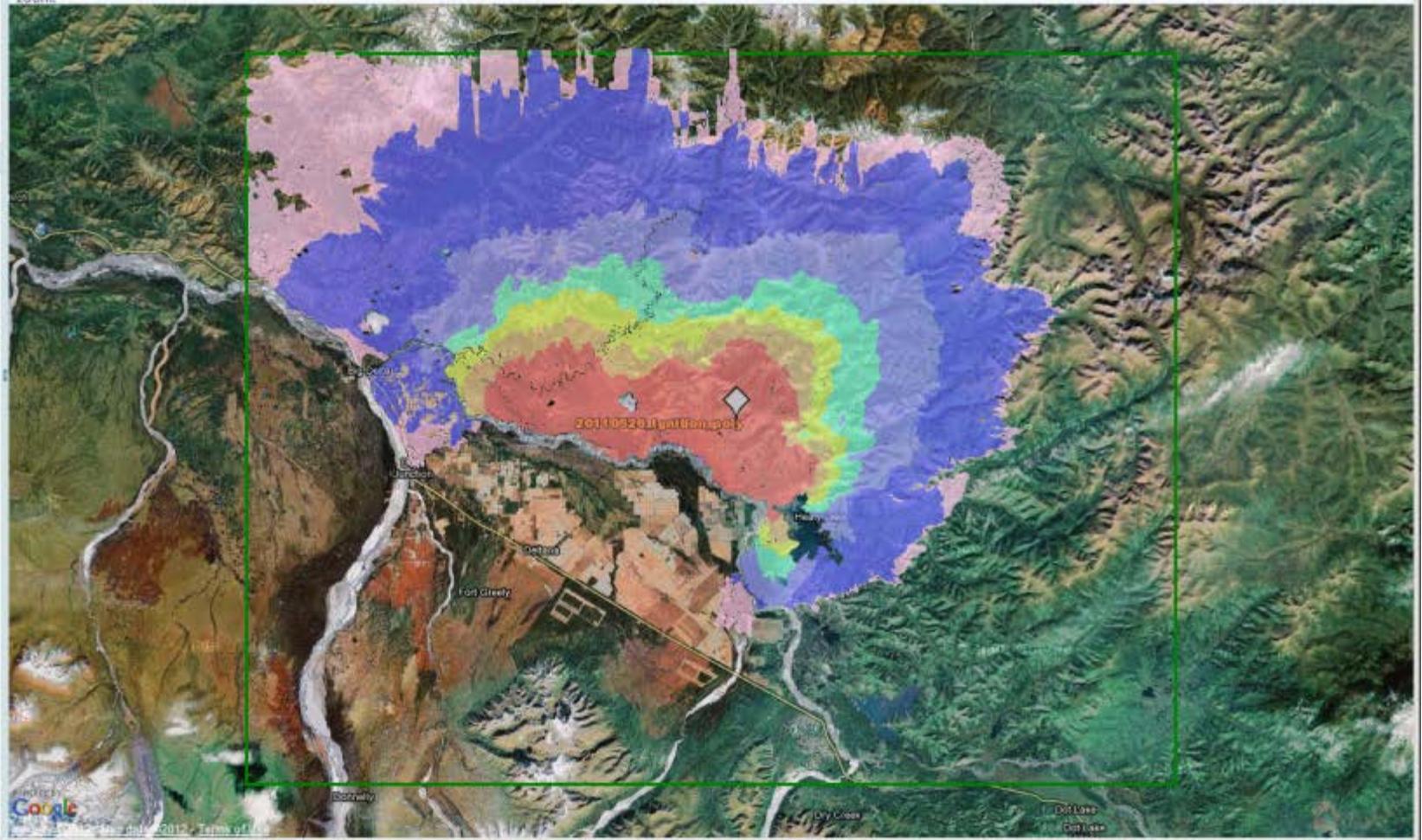
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Fire Spread Probability

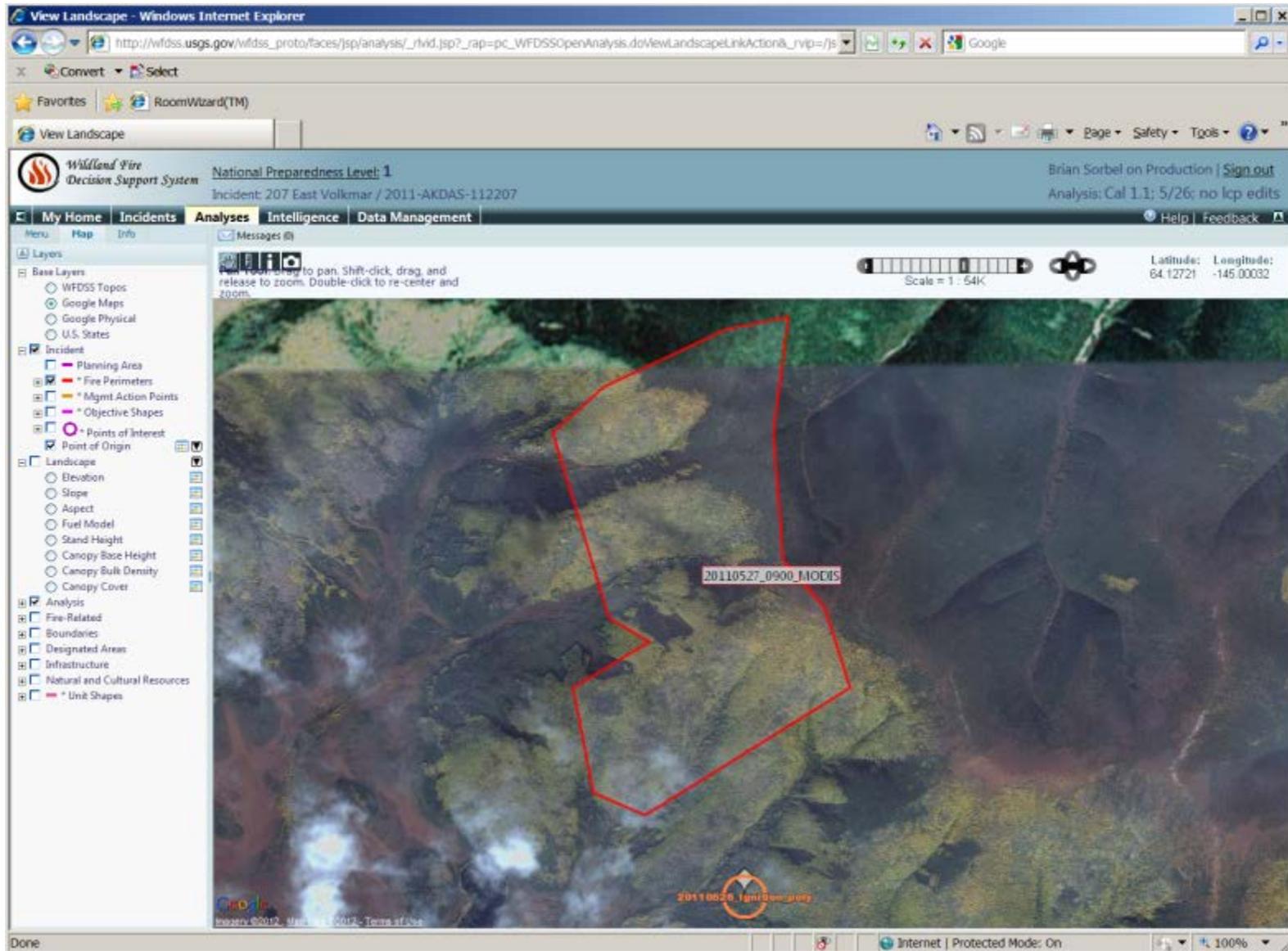
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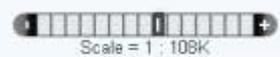


Friday May 27; Calibration in STFB of growth that occurred on May 26



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 - 6.8.1500
 - 6.5.2116
 - fire perimeter
 - 6.3
 - June 3 2011
 - 20110528_2000_207_perim
 - 20110528_1400_207_perim
 - 20110527_0900_MODIS
 - 20110526_2100_perim
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 - * Objective Shapes
 - * Points of Interest
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Latitude: 64.08861 Longitude: -145.00320



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Save Run Short Term Fire Behavior

Notes

Time (CST)	User	Note
05/27/2011 12:22	Sorbel, Brian	- Had to set analysis start date to 5/25 because it could not get acceptable conditioning data if analysis start was set to 5/26

General Information

General Parameters

*Analysis Name: Cal1; 5/26; 2010 std lcp edits

*Analysis Date: 05/25/2011 *Hour: 13 *Conditioning Days: 7 *Burn Period (1-24 hrs): 11 *Number of Periods: 1 2 3

*Foliar Moisture Content (%): 100 *Crown Fire Method: Finney (1998) *Spotting Probability (<= 1): 0.25

Analysis Shape Files

Ignition File: 20110526_ignition_poly

Barriers File: Fill Barrier Do NOT Fill

Spread Options

*Degrees: 0

Direction from North

Relative Direction from Max

Station Information

*Station: 500743 - GOODPASTER(14.4 miles) [Fire Danger Rating Graph](#)

Green Up Month/Day: 05/15 Grass Type: P : Perennial Climate Class: 2 : Subhumid Slope Class: 1 : 0 - 25%

Latitude: 64.24 Longitude: 145.27 Elevation: 1,520 feet Aspect: South Avg Precipitation: 12.00 inches Pos on Slope: Valley Bottom / Flat Forecast Zone: 1 Station Type: 4 - NFDRS Satellite

Wind Information

*Speed: 10 *Direction: 130

Wind Type

Generate Gridded Winds - Wind Direction is only necessary if you generate gridded winds or use static winds.

Static Direction - Gridded Winds use the resolution specified for the landscape file.

Wind Blowing Uphill

Wind Blowing Downhill

Initial Fuel Moistures

Model	1 Hour FM	10 Hour FM	100 Hour FM	Herb FM	Woody FM	*Fuel Model
default	5	6	7	30	55	<input type="text"/>
						<input type="button" value="Add"/>
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<input type="button" value="Delete"/>						

AICC Alaska Interagency Coordination Center



National AICC Home Alaska Fire Service About Us Links Contact Us Preparedness Level: n/a February 29, 2012

- Incident Information
- Alaska Fires
- Interagency Newsroom
- InciWeb

- Predictive Services
- Intelligence / Reports
- Maps / Imagery / Geospatial
- Fire Weather
- Fuels / Fire Danger
- Air Quality
- Outlooks

- Logistics and Dispatch
- Interagency Mobilization Guide
- Aviation
- Crews
- ROSS
- Equipment / Supplies
- Overhead / Teams

- Administration
- Statewide Master Agreement
- Agency Administrator's Guide
- AWFCG
- AWFCG Committees
- MAC Group

- Alaska Fire Service - AFS
- Employment Information
- Fire Duty in Alaska
- Brown Book
- Alaska Smokejumpers
- Prescribed Fire

Predictive Services - Weather Database

Month: Day: Year: Range: Delta (7 stations): Refresh

Groups Stations Station Info/Map

Date	Hr	ATF	RHP	WSM	PREC	RNIN	WSMP	WDD	WDDP	FTF	BPHG	BVV	SRW	FMP
05-26	00	60	43	4	0.00	0.16	10	70	93	55		12.6	0.0	7
05-26	01	57	48	6	0.00	0.16	10	54	47	55		12.6	0.0	7
05-26	02	54	56	1	0.00	0.16	10	328	62	49		12.5	0.0	7
05-26	03	55	55	5	0.00	0.16	7	55	57	50		12.5	1.0	8
05-26	04	54	57	4	0.00	0.16	9	33	41	52		12.6	10.0	8
05-26	05	54	55	4	0.00	0.16	11	53	35	54		13.2	49.0	8
05-26	06	58	47	4	0.00	0.16	8	51	38	61		13.8	176.0	8
05-26	07	63	38	5	0.00	0.16	10	70	86	65		13.8	276.0	8
05-26	08	66	36	2	0.00	0.16	11	66	64	72		13.7	397.0	8
05-26	09	66	31	6	0.00	0.16	13	116	127	74		13.7	521.0	8
05-26	10	69	26	7	0.00	0.16	12	120	138	75		13.7	621.0	7
05-26	11	67	29	7	0.00	0.16	17	130	98	74		13.7	491.0	7
05-26	12	70	22	9	0.00	0.16	20	122	116	81		13.7	729.0	7
05-26	13	70	21	10	0.00	0.16	19	116	124	80		13.6	810.0	7
05-26	14	72	21	8	0.00	0.16	18	117	90	77		13.6	601.0	7
05-26	15	70	22	4	0.00	0.16	14	136	138	75		13.7	451.0	7
05-26	16	72	21	6	0.00	0.16	10	142	136	79		13.6	539.0	7
05-26	17	72	20	6	0.00	0.16	14	164	135	79		13.6	547.0	7
05-26	18	73	21	5	0.00	0.16	10	204	232	81		13.6	429.0	6
05-26	19	74	21	3	0.00	0.16	12	194	171	79		13.7	185.0	6
05-26	20	73	21	3	0.00	0.16	8	177	201	72		13.7	261.0	6
05-26	21	69	24	1	0.00	0.16	5	53	143	68		13.6	126.0	6
05-26	22	62	29	5	0.00	0.16	7	47	49	58		13.1	35.0	6
05-26	23	59	38	4	0.00	0.16	7	50	41	53		12.7	6.0	6
	MIN:	54	20	1	0.00	0.16	5	33	35	49	00.00	12.5	0.0	6
	MAX:	74	57	10	0.00	0.16	20	328	232	81	00.00	13.8	810.0	8
	CHANGE:	20	37	9	0.00	0.00	15	295	197	32	00.00	01.3	810.0	1

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Relative Direction from Max

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Wind Information

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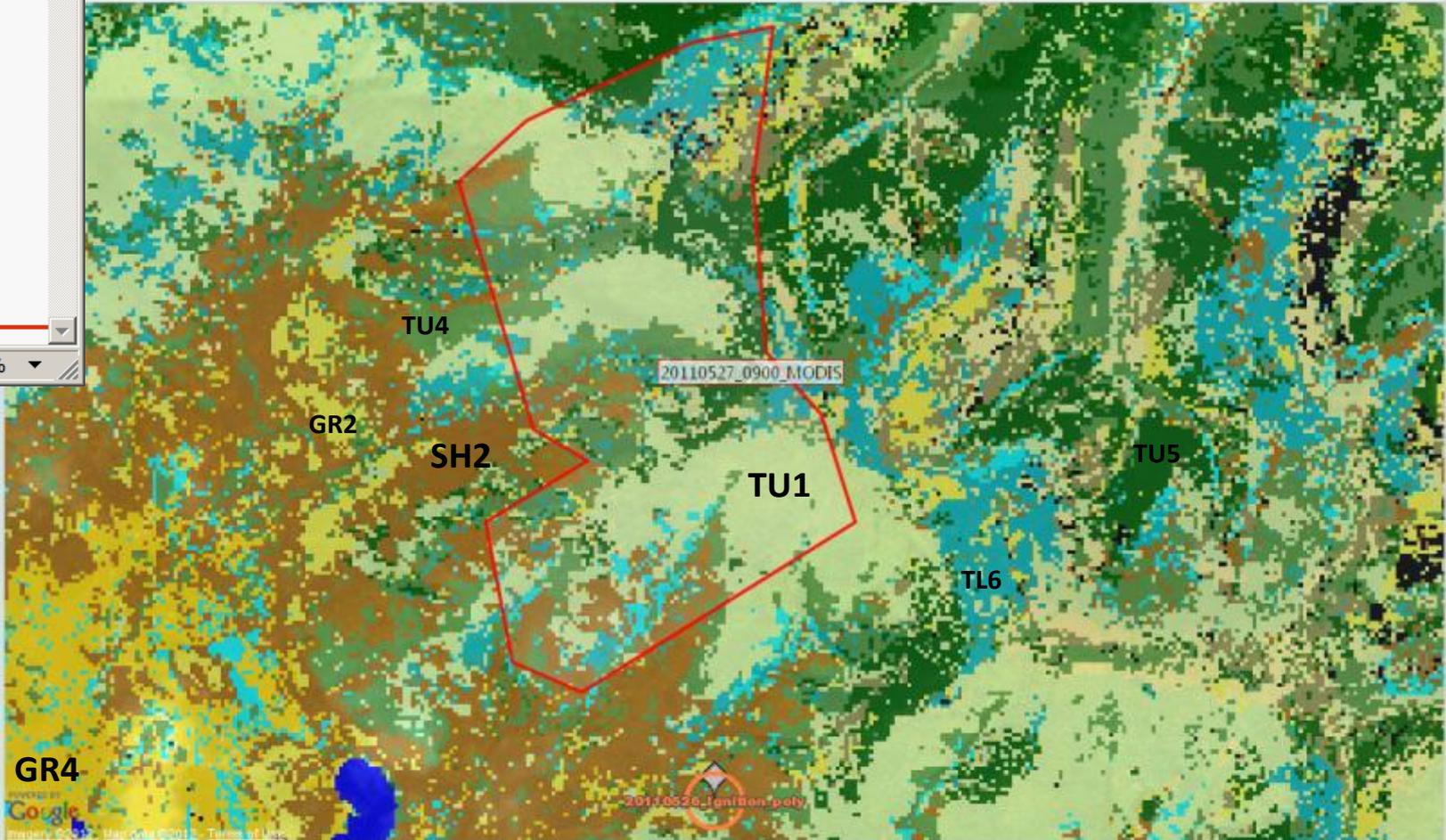


Fuel Model Legend

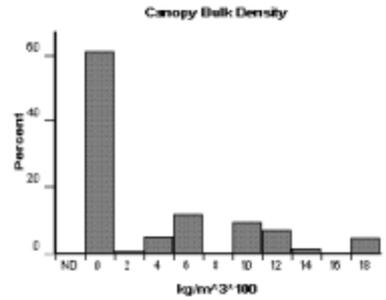
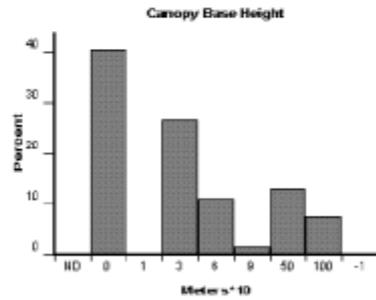
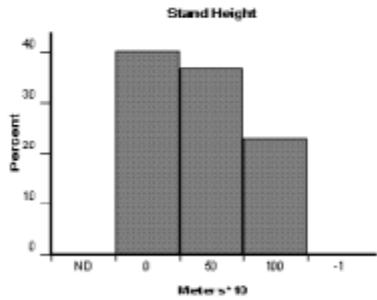
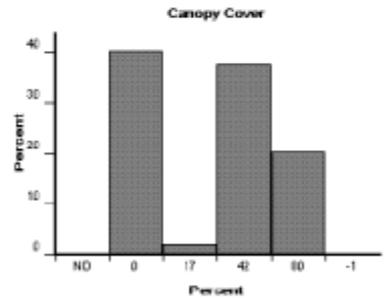
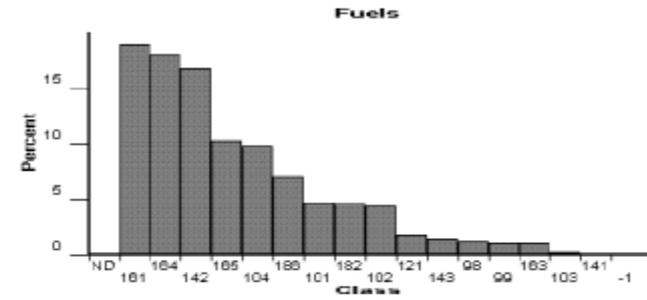
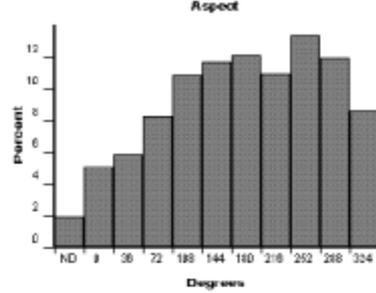
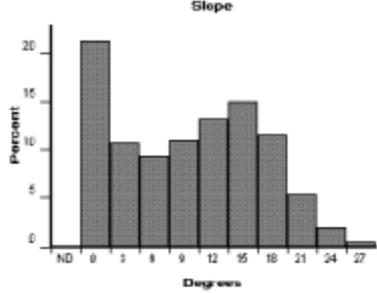
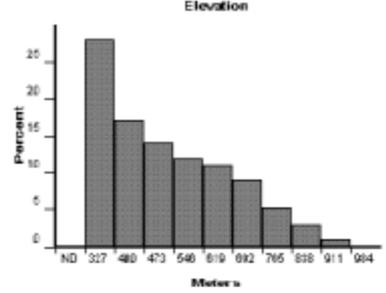
Resolution: 30 meters

Value	Freq
98	1,946
99	1,855
101	8,734
102	7,991
103	328
104	17,996
121	3,071
141	36
142	31,383
143	2,442
161	35,449
163	1,730
164	33,924
165	19,168
182	8,534
186	12,984
N / D	925

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Theme Value Distributions



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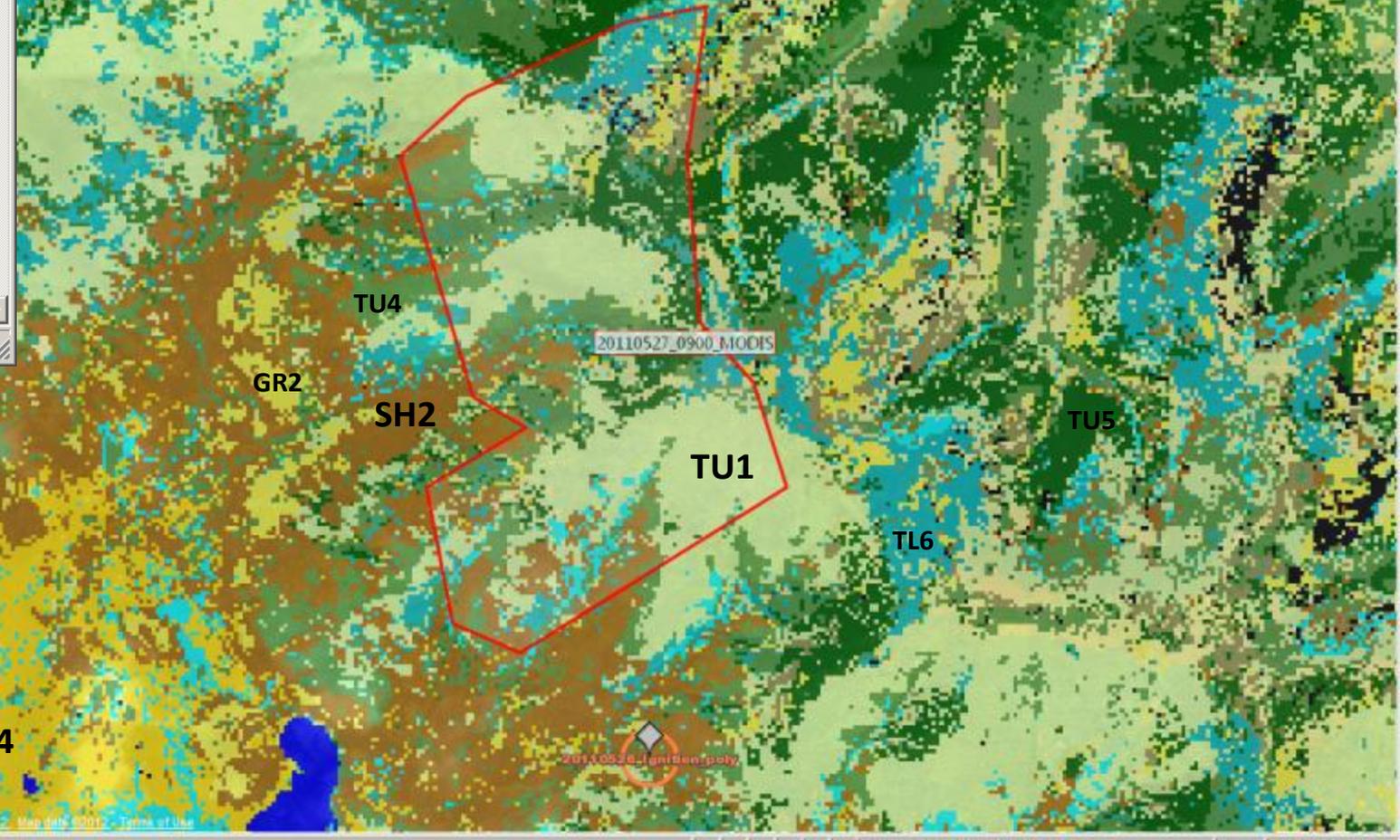
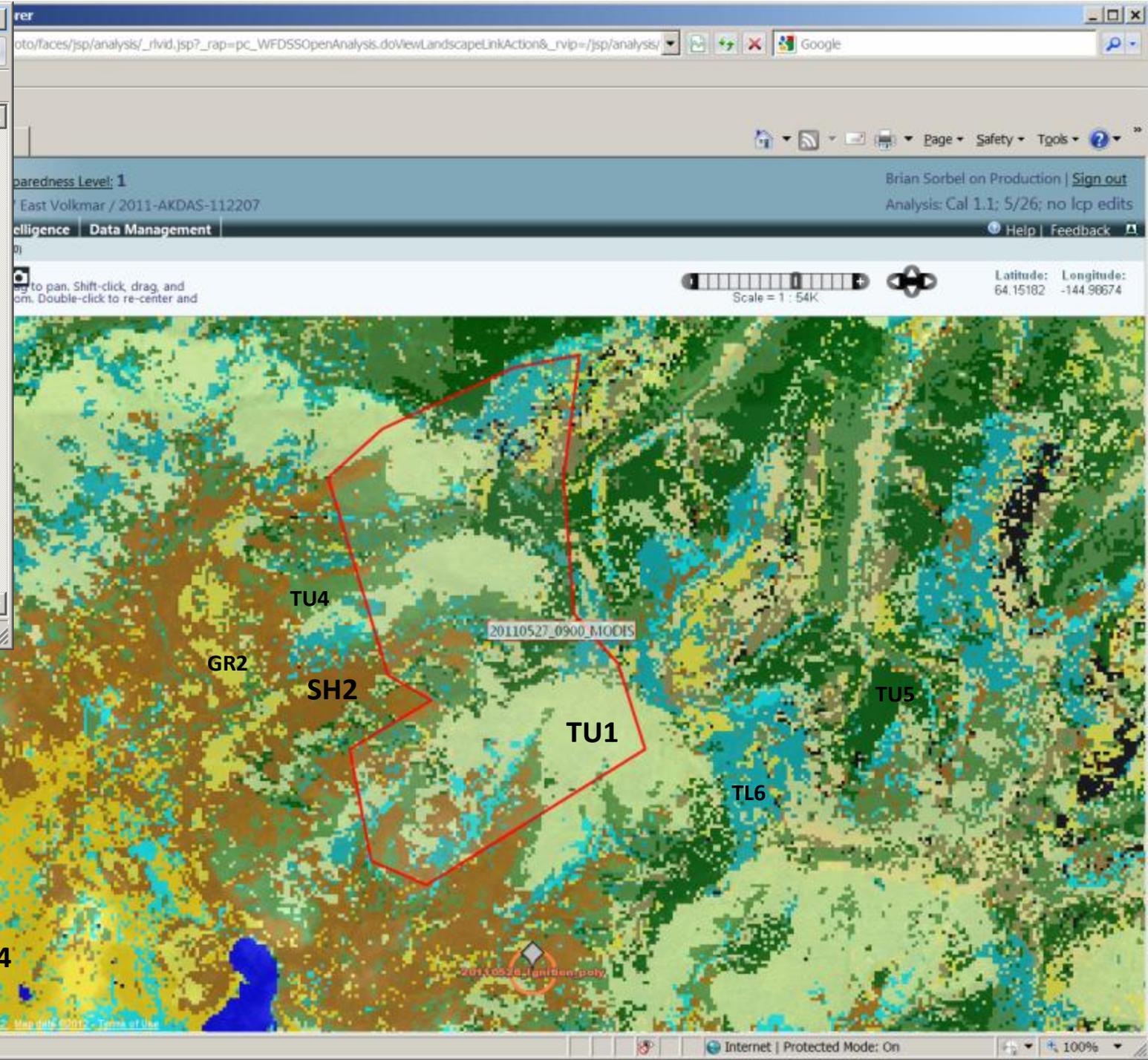
Add Edit Move Up Delete...

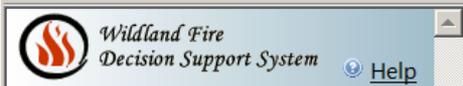
Import Rules

Resolution: 30 meters

Value	Freq
98	1,946
99	1,855
101	8,734
102	7,991
103	328
104	17,996
121	3,071
141	36
142	31,383
143	2,442
161	35,449
163	1,730
164	33,924
165	19,168
182	8,534
186	12,984
N / D	925

- Ignition
- Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- Unit Shapes





Incident Analysis

207 East Volkmar Cal1; 5/26; 2010 std lcp edits

Fuel Model Legend

Resolution: 30 meters

Value	Freq
98	1,979
99	1,877
101	8,764
102	8,045
103	329
104	18,150
121	3,097
141	36
142	31,586
143	2,472
145	33,913
161	35,701
163	1,767
165	19,171
182	8,614
186	13,040
N/D	509

- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- Unit Shapes

Analysis Level: 1

207 East Volkmar / 2011-AKDAS-112207

Data Management

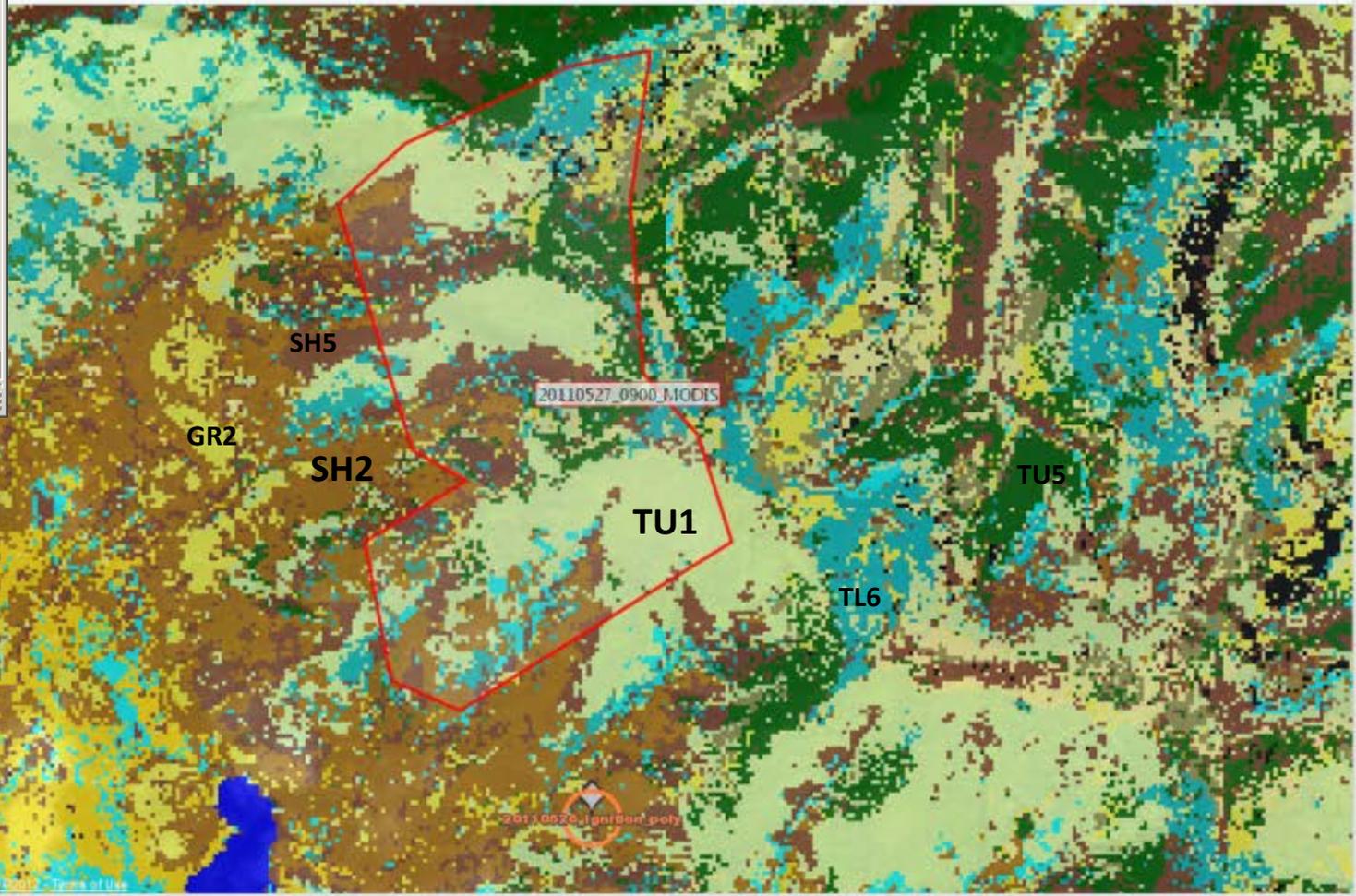
Brian Sorbel on Production | Sign out

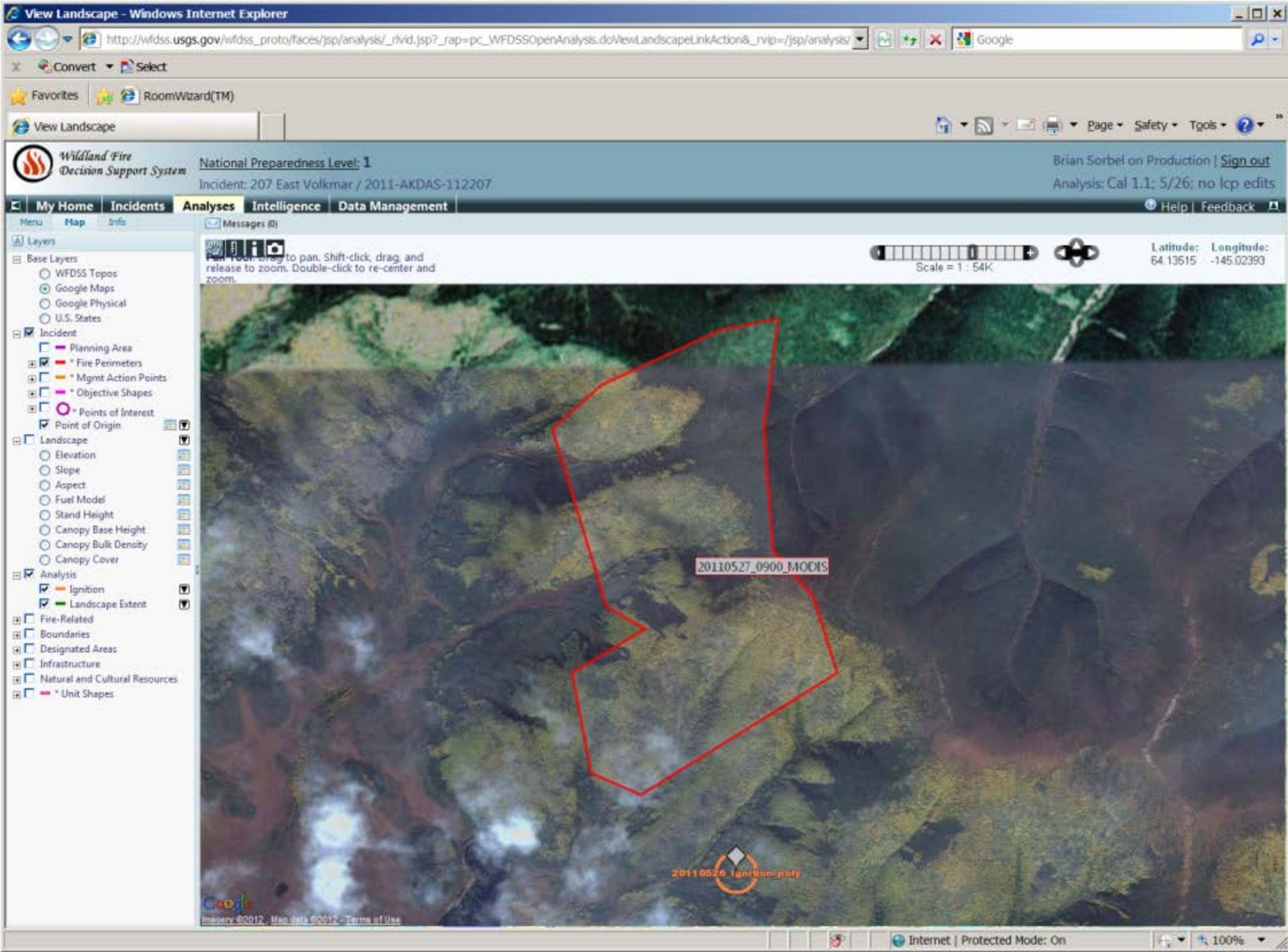
Analysis: Cal1; 5/26; 2010 std lcp edits

Help | Feedback

Scale = 1 : 54K

Latitude: 64.14691 Longitude: -144.96833

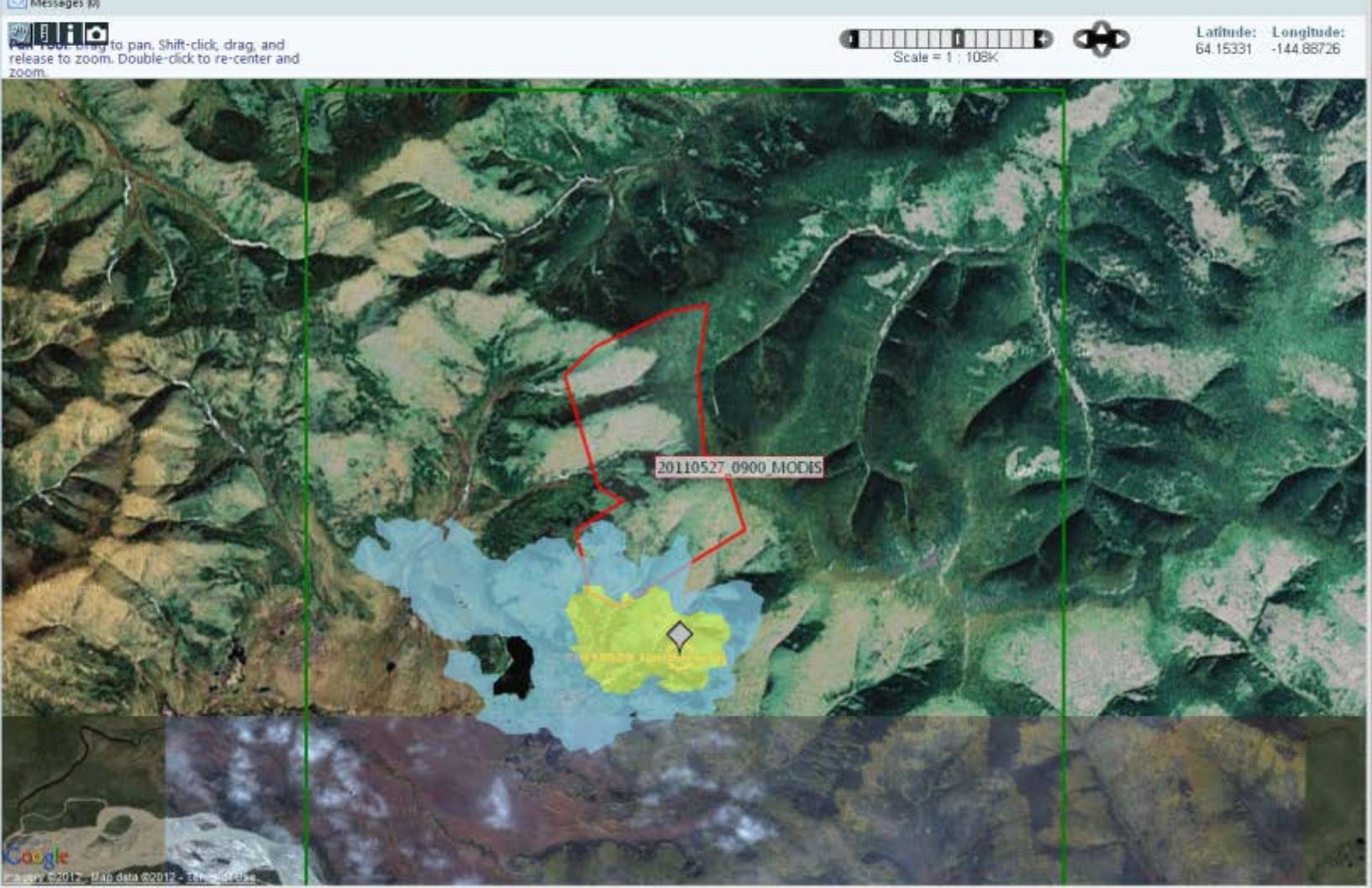


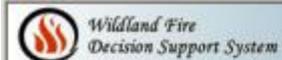


Layers Pan tool: click to pan. Shift-click, drag, and release to zoom. Double-click to re-center and zoom. Scale = 1 : 54K Latitude: 64.13515 Longitude: -145.02393



- Layers
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
 - Incident
 - Planning Area
 - * Fire Perimeters
 - * Mgmt Action Points
 - * Objective Shapes
 - * Points of Interest
 - Point of Origin
 - Analysis
 - Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - * Unit Shapes





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | Sign out
Analysis: Cal2; 5/26; wind dir = 180

Layers

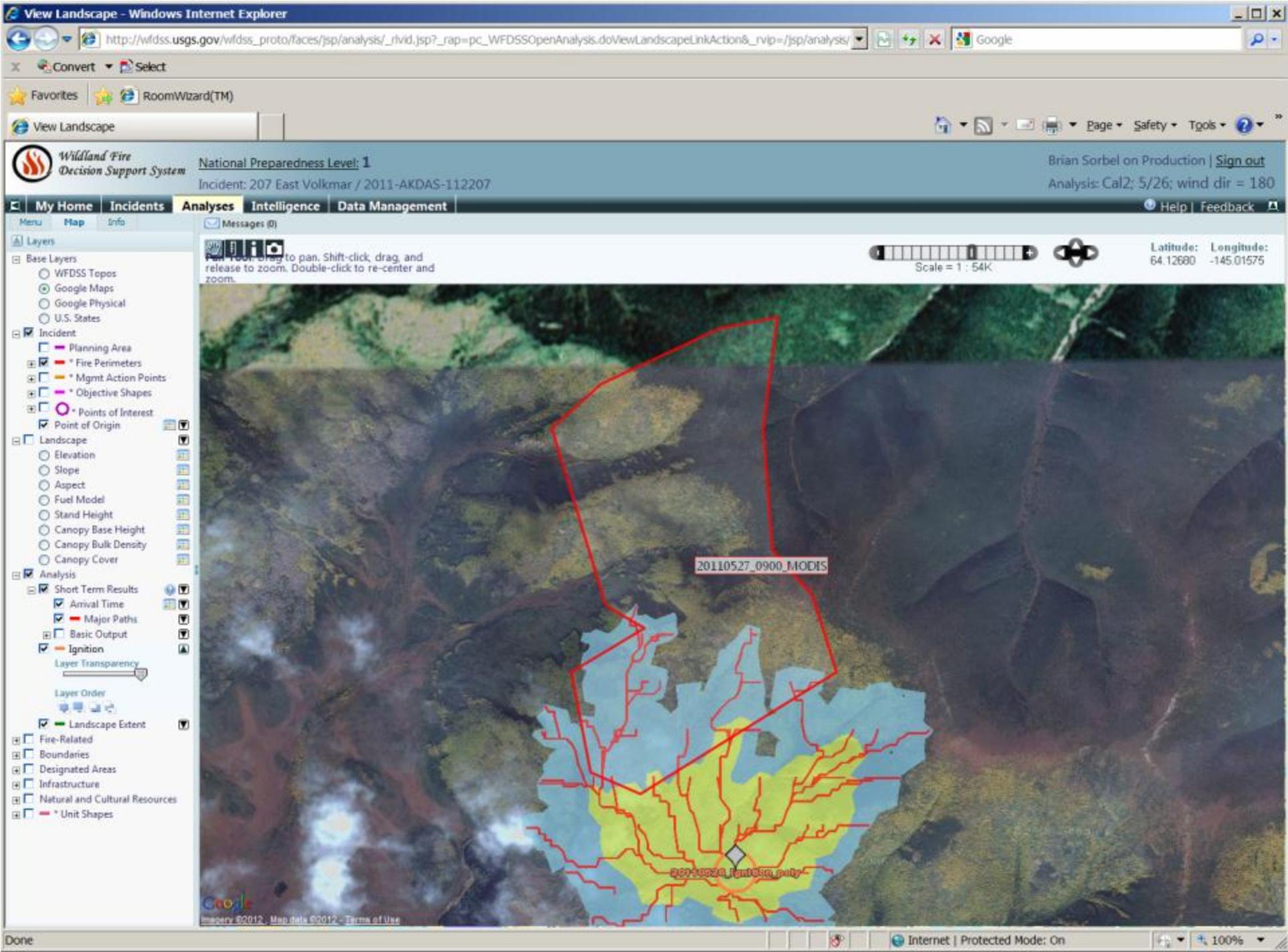
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
- Analysis
 - Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes

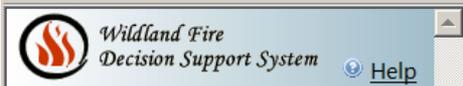
Pan Tool: drag to pan, Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



Latitude: 64.15713 Longitude: -145.08127







Incident Analysis
207 East Volkmar Cal1; 5/26; 2010 std lcp edits

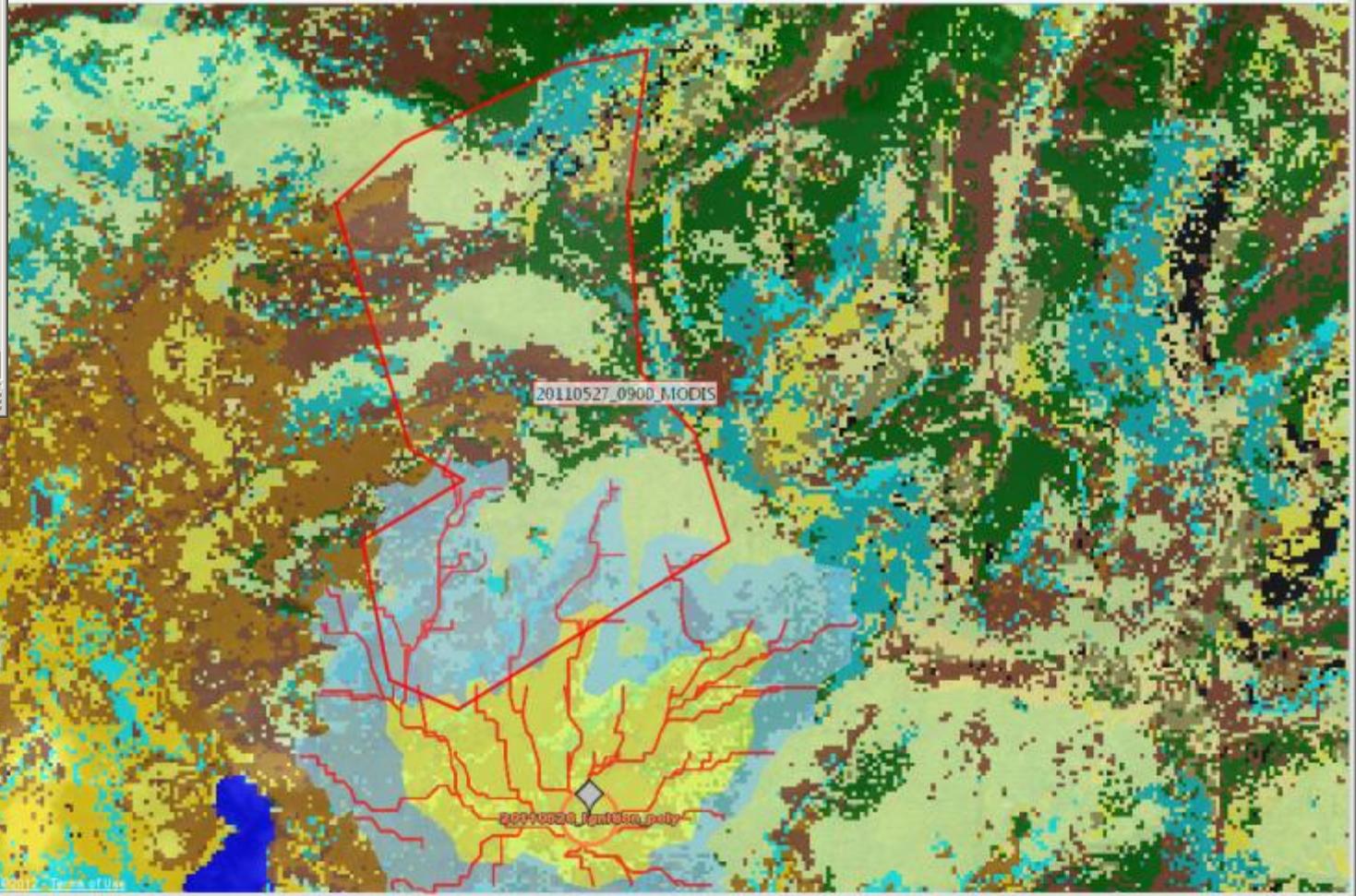
Fuel Model Legend

Resolution: 30 meters

Value	Freq
98	1,979
99	1,877
101	8,764
102	8,045
103	329
104	18,150
121	3,097
141	36
142	31,586
143	2,472
145	33,913
161	35,701
163	1,767
165	19,171
182	8,614
186	13,040
N/D	509

Internet | Protected | 100%

- Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Layer Transparency
 - Layer Order
- Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- Unit Shapes



- Analysis List
- Results
- Short Term Information
- Analysis Map
- ♦ Landscape Editor
 - Landscape
 - View Landscape
 - Shape Upload
 - Report
 - Notes
 - Contact Information
 - Analysis Privileges
 - RAWS KMZ
 - Incident Information
 - National ERC-G
 - Fire Related Links

Landscape File Editor

Attribute	Rule Description
Fuel Model	If (Fuel Model is 161, 162, 163, 164 or 165) Set Fuel Model to 145
Canopy Base Height	Multiply Canopy Base Height by 0.6
Canopy Bulk Density	If (Fuel Model is 161, 162, 163, 164, 165, 181, 182, 183, 184, 185, 186, 187, 188 or 189) Set Canopy Bulk Density to 0.30
Canopy Cover	If (Canopy Cover is between 25 and 45) Multiply Canopy Cover by 0.85
Canopy Cover	Else If (Canopy Cover >= 46) Multiply Canopy Cover by 0.7

Add Edit Move Up Delete...

Import Rules



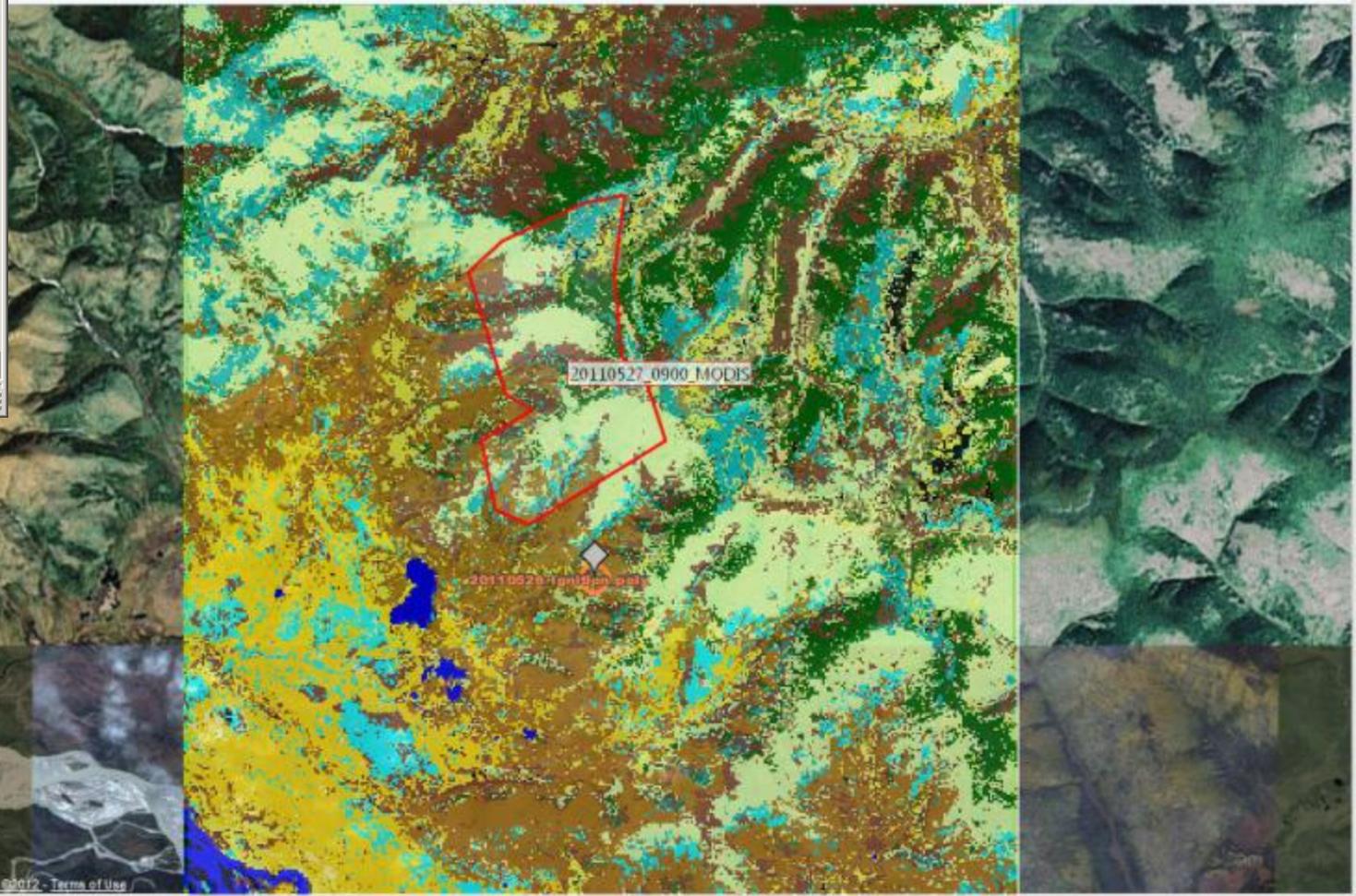
Incident Analysis
207 East Volkmar Cal1; 5/26; 2010 std lcp edits

Fuel Model Legend

Resolution: 30 meters

Value	Freq
98	1,979
99	1,877
101	8,764
102	8,045
103	329
104	18,150
121	3,097
141	36
142	31,586
143	2,472
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186	13,040
N/D	509

- Short Term Results
- Ignition
- Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- * Unit Shapes





Incident Analysis
207 East Volkmar Cal1; 5/26; 2010 std lcp edits

Fuel Model Legend

Resolution: 30 meters

Value	Freq
98	1,979
99	1,877
101	8,764
102	8,045
103	329
104	18,150
121	3,097
141	36
142	31,586
143	2,472
145	33,913
161	35,701
163	1,767
165	19,171
182	8,614
186	13,040
N/D	509

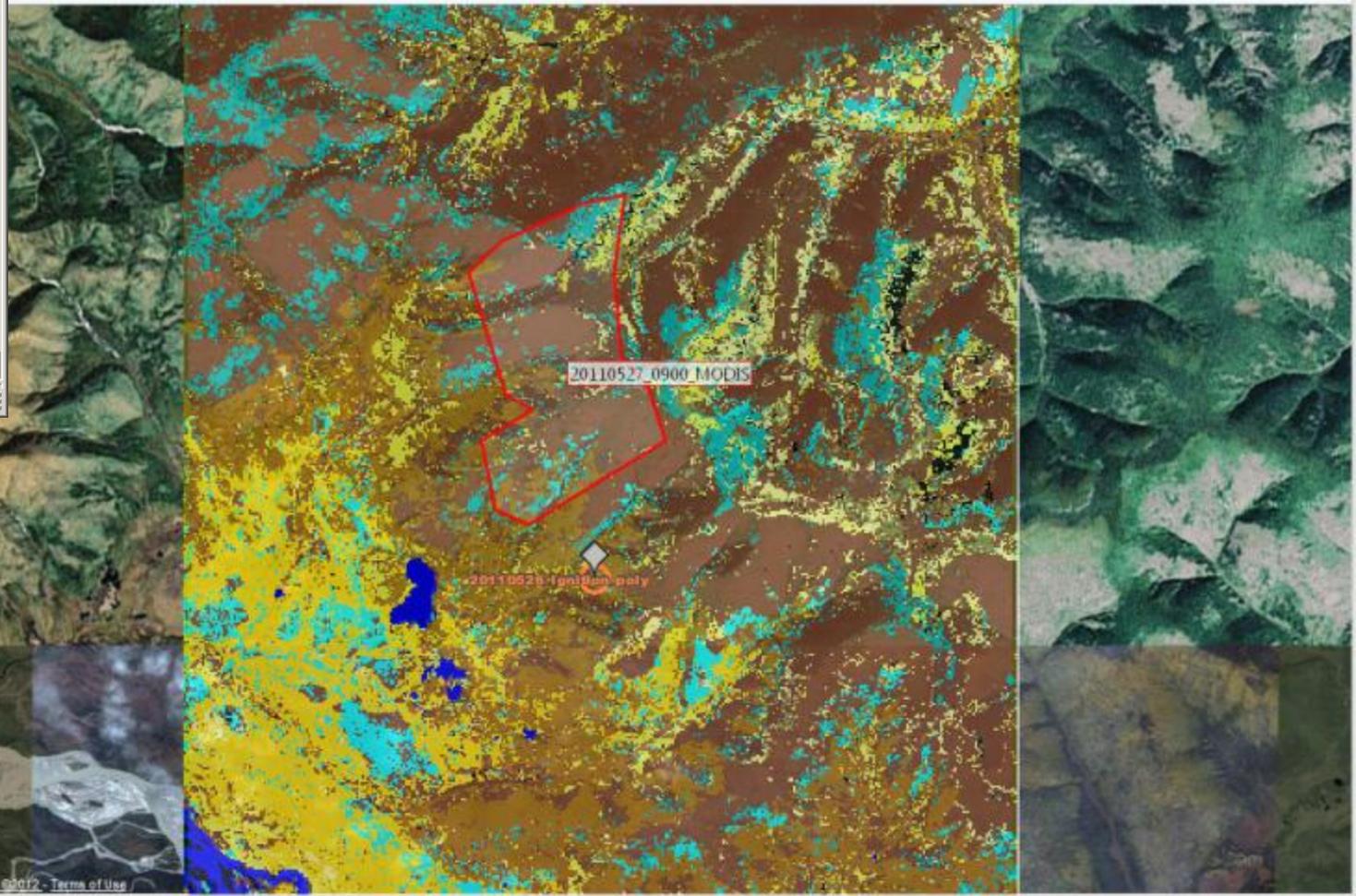
Internet | Protected | 100%

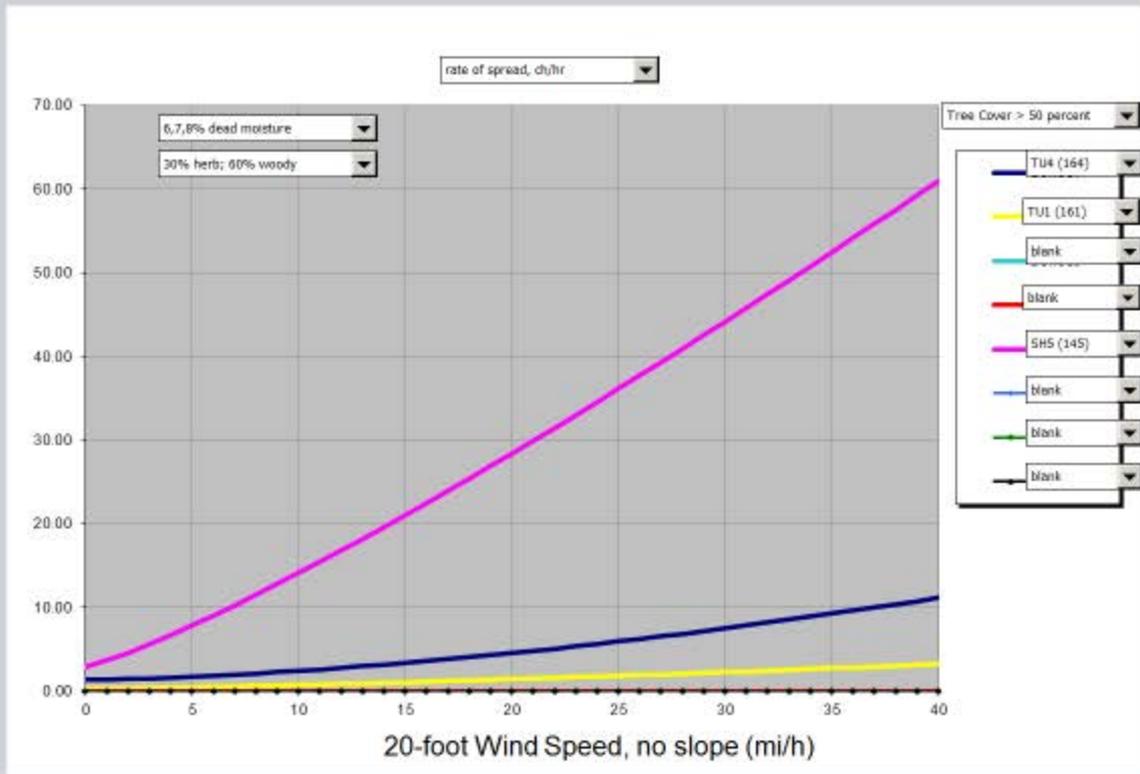
- Short Term Results
- Ignition
- Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- * Unit Shapes

Analysis Level: 1
207 East Volkmar / 2011-AKDAS-112207

Data Management

Scale = 1 : 108K
Latitude: 64.17042 Longitude: -145.13533

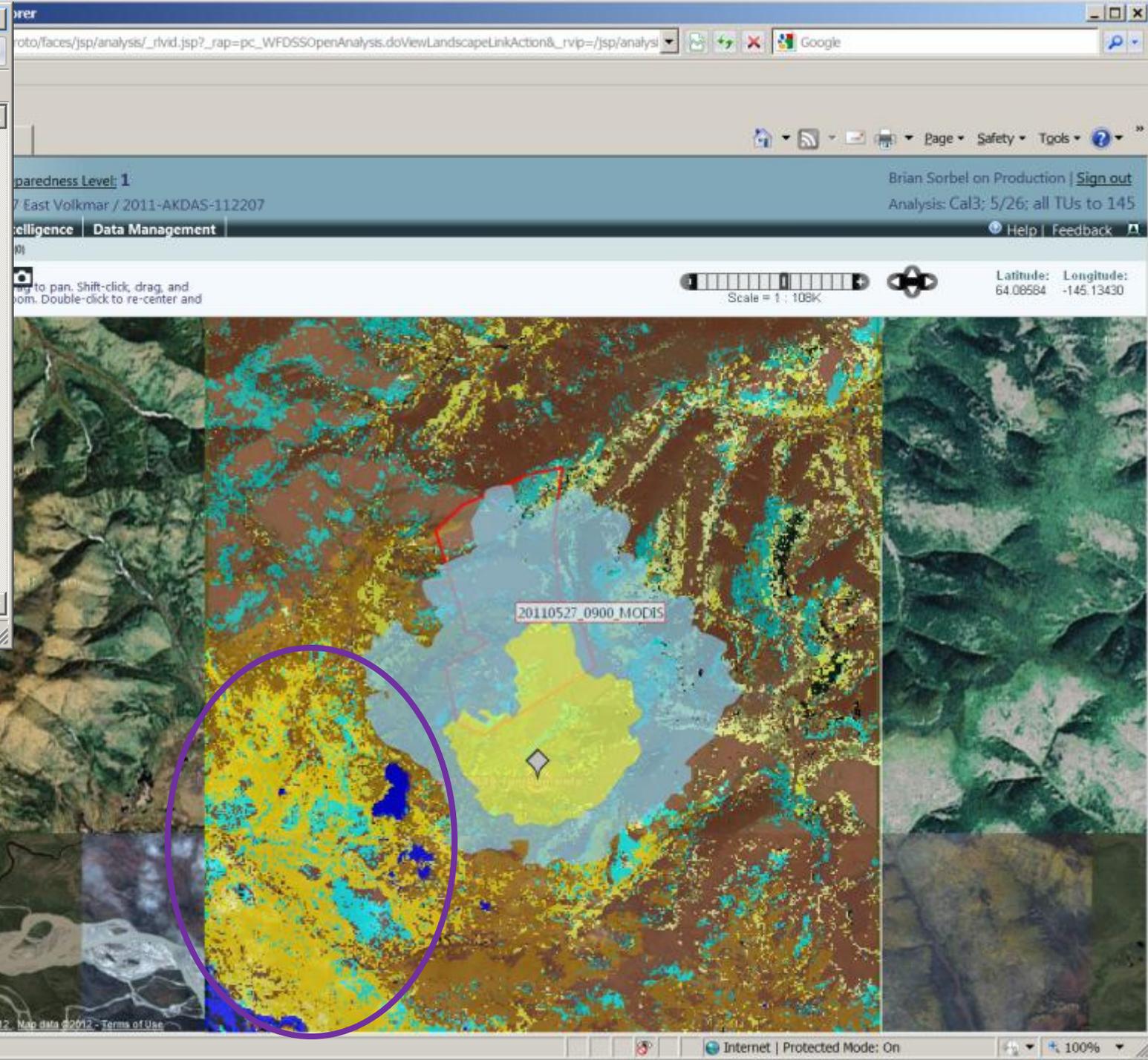




Resolution: 30 meters

Value	Freq
98	1,946
99	1,855
101	8,734
102	7,991
103	328
104	17,996
121	3,071
141	36
142	31,383
143	2,442
161	35,449
163	1,730
164	33,924
165	19,168
182	8,534
186	12,984
N/D	925

- Objective Shapes
- Points of Interest
 - Point of Origin
- Landscape
 - Elevation
 - Slope
 - Aspect
 - Fuel Model
 - Stand Height
 - Canopy Base Height
 - Canopy Bulk Density
 - Canopy Cover
- Analysis
 - Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
- Fire-Related
 - Boundaries
 - Designated Areas



File Home Insert Page Layout Formulas Data Review View

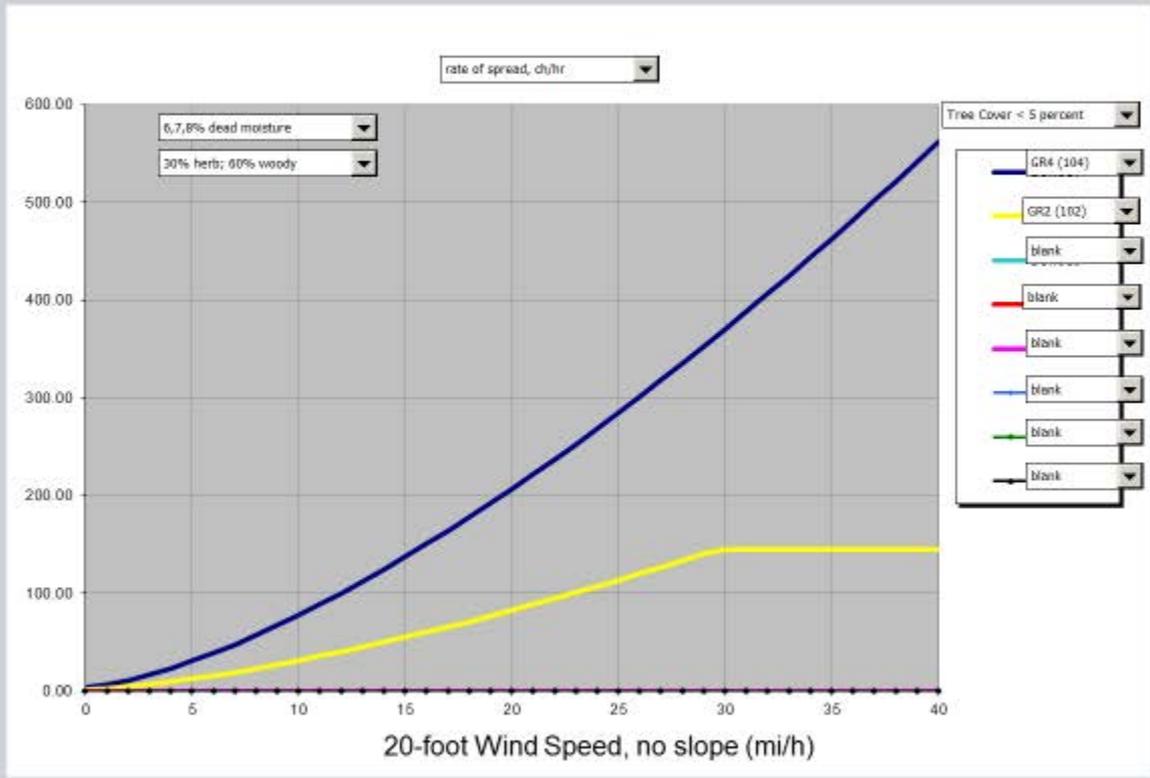
Cut Copy Paste Format Painter

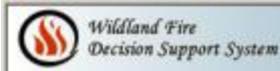
Clipboard Font Alignment Number Styles

Conditional Formatting Tables

Insert Delete Format Cells

Autosum Fill Clear Sort & Filter Find & Select





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

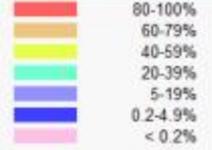
Brian Sorbel on Production | Sign out
Analysis: 5/26-6/1; TU=145; GR4=GR2

Messages (0)
Pan: To pan, drag to pan. Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



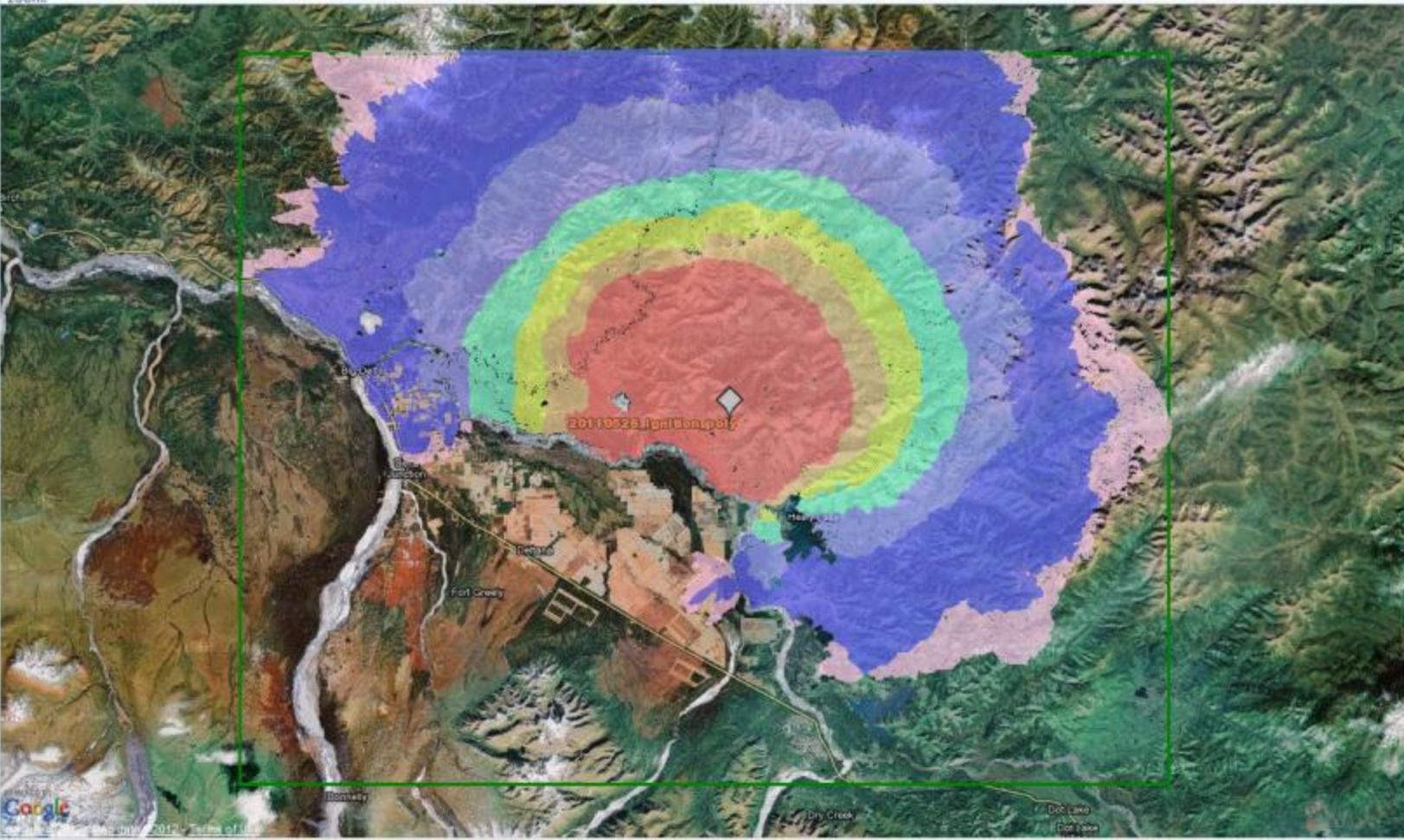
Latitude: 64.17793 Longitude: -146.96628

Fire Spread Probability



Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
- Analysis
 - FSPPro Results
 - Ignition
 - Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- * Unit Shapes



Search

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

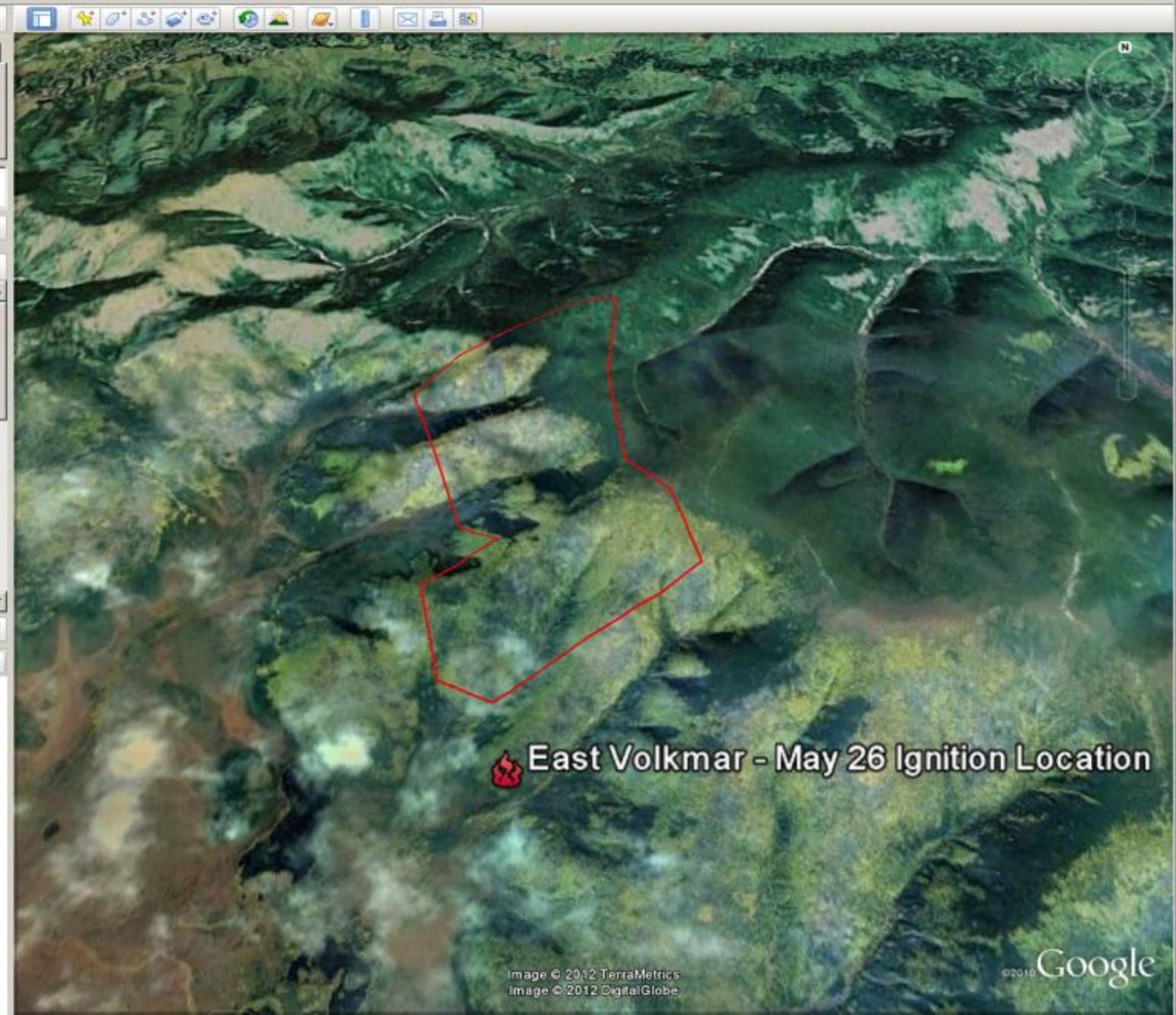
Delta Junction, AK

Places

- My Places
 - Untitled Placemark
 - 60 58.851' N, 149 28.232' W
 - 60 59.023' N, 149 28.125' W
 - 60 59.292' N, 149 27.980' W
 - 60 59.302' N, 149 28.019' W
- Temporary Places
 - East Volkmar - May 26 Igniti...
 - 20110526_ignition_pt
 - East Volkmar - May 26 Igni
 - 20110526_ignition_pt_real...
 - 20110623 AKR NPS Fire Ma...
 - Alaska Parks Outline
 - NPS Land Status
 - Fire Management Data
 - Fire Weather Stations
 - NPS Fire Protection Data

Layers Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



East Volkmar - May 26 Ignition Location

Search

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

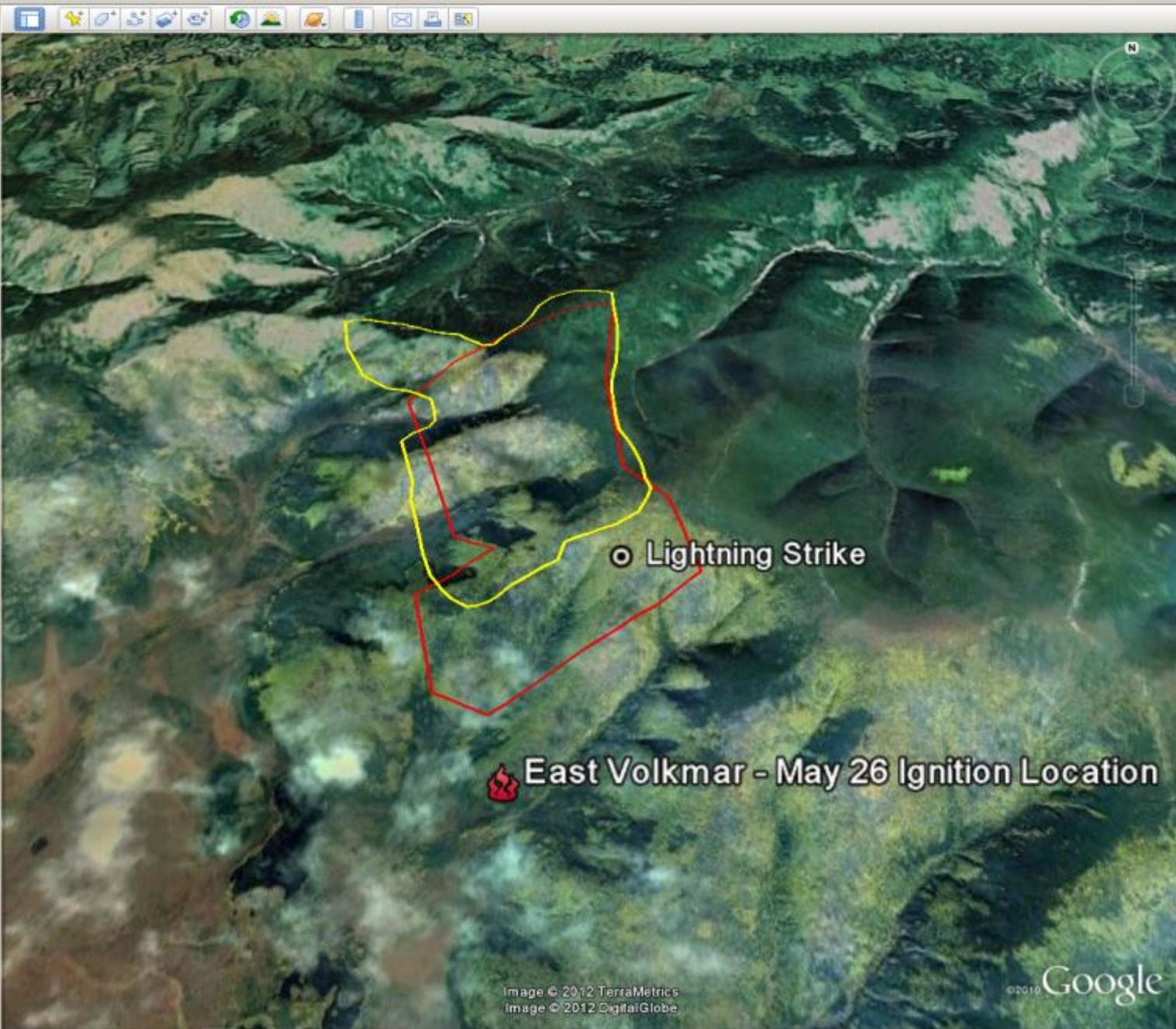
Delta Junction, AK

Places

- 1950-1959
- 1940-1949
- Native Allotments - Full ...
- Fire Management Options...
- DRGs and Additional Imag...
- Highways
- Features
- Highways
- Lightning.kmz
- Lightning Strike
- 20110527_0900_208_Mod...
- 20110527_0900_208_M...
- [no name]
- 20110526_2100_208_peri...
- 20110526_2100_208_pe...
- [no name]

Layers Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



Lightning Strike

East Volkmar - May 26 Ignition Location

Search

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

Delta Junction, AK

Places

- My Places
 - Untitled Placemark
 - 60 58.851' N, 149 28.232' W
 - 60 59.023' N, 149 28.125' W
 - 60 59.292' N, 149 27.980' W
 - 60 59.302' N, 149 28.019' W
- Temporary Places
 - East Volkmar - May 26 Igniti...
 - 20110526_Ignition_pt
 - East Volkmar - May 26 Igni
 - 20110526_Ignition_pt_real...
 - 20110526_Ignition_pt_real
 - Updated Ignition Location
 - 20110623 AKR NPS Fire Ma...
 - Alaska Parks Outline
 - NPS Land Status
 - Fire Management Data

Layers

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



Updated Ignition Location

Lightning Strike

East Volkmar - May 26 Ignition Location

Search

Fly To Find Businesses Directions

Fly to e.g., 37.407229, -122.107162

Delta Junction

Delta Junction, AK

Places

- 1950-1959
- 1940-1949
- Native Allotments - Full ...
- Fire Management Options...
- DRGs and Additional Imag...
- Highways
- Features
- Highways
- Lightning.kmz
- Lightning Strike
- 20110527_0900_208_Mod...
- 20110527_0900_208_M...
- [no name]
- 20110526_2100_208_peri...
- 20110526_2100_208_pe...
- [no name]

Layers

Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain

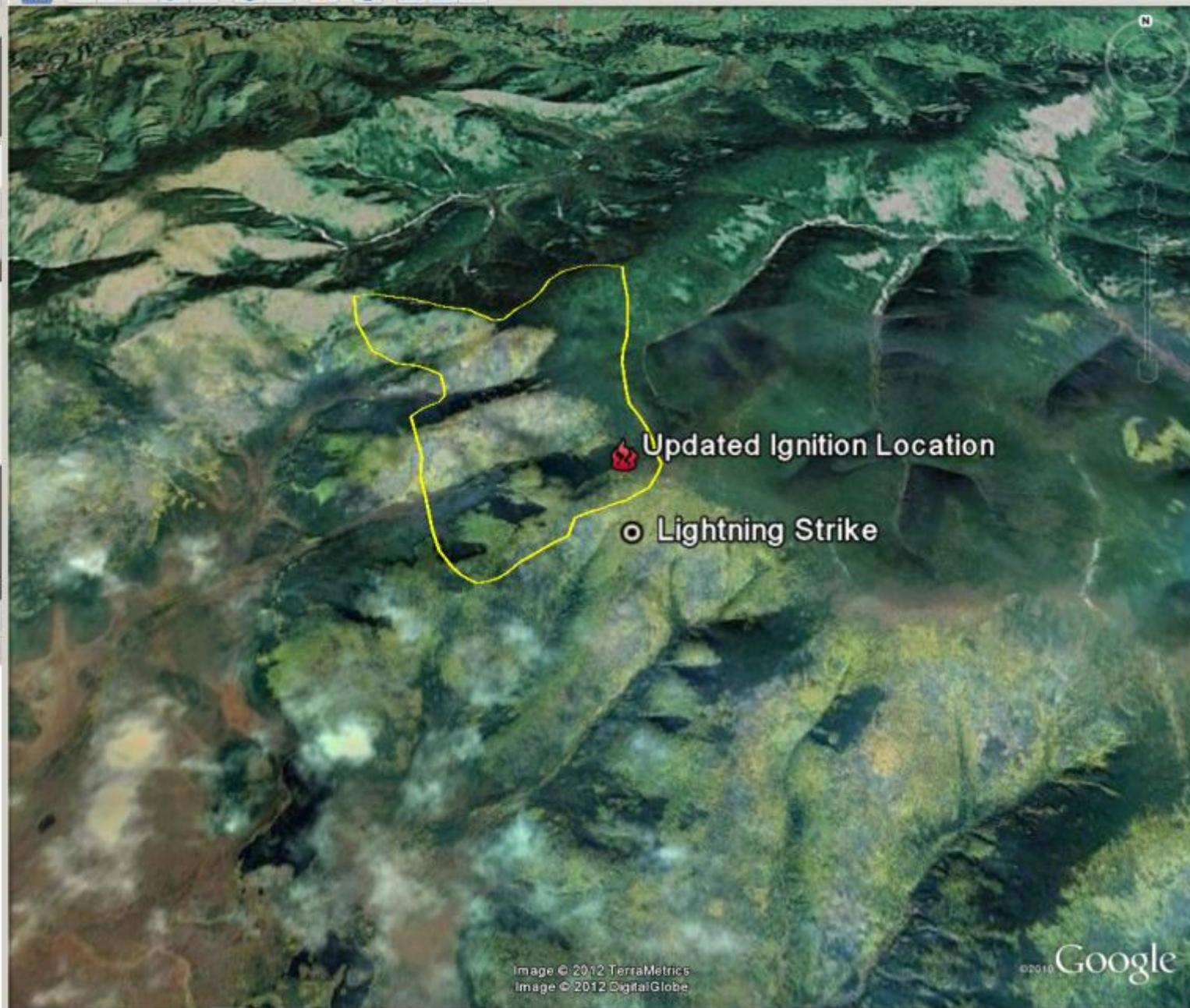
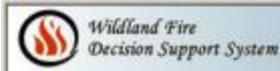


Image © 2012 TerraMetrics
Image © 2012 DigitalGlobe

©2010 Google

- Layers
- WFDSS Topics
 - Google Maps
 - Google Physical
 - U.S. States
 - Incident
 - Planning Area
 - Fire Perimeters
 - 6.10.1500
 - 6.8.1500
 - 6.5.2116
 - fire perimeter
 - 6.3
 - June 3 2011
 - 20110528_2000_207_perim
 - 20110528_1400_207_perim
 - 20110527_0900_MODIS
 - 20110526_2100_perim
 - Mgmt Action Points
 - Objective Shapes
 - Points of Interest
 - Point of Origin
 - Analysis
 - Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
- Area: 1,885 acres
Effective Date: 05/26/2011 21:00
Layer Transparency: [slider]
Layer Order: [icons]





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

Brian Sorbel on Production | Sign out
Analysis: 5/26-6/1; TU=145; GR4=GR2

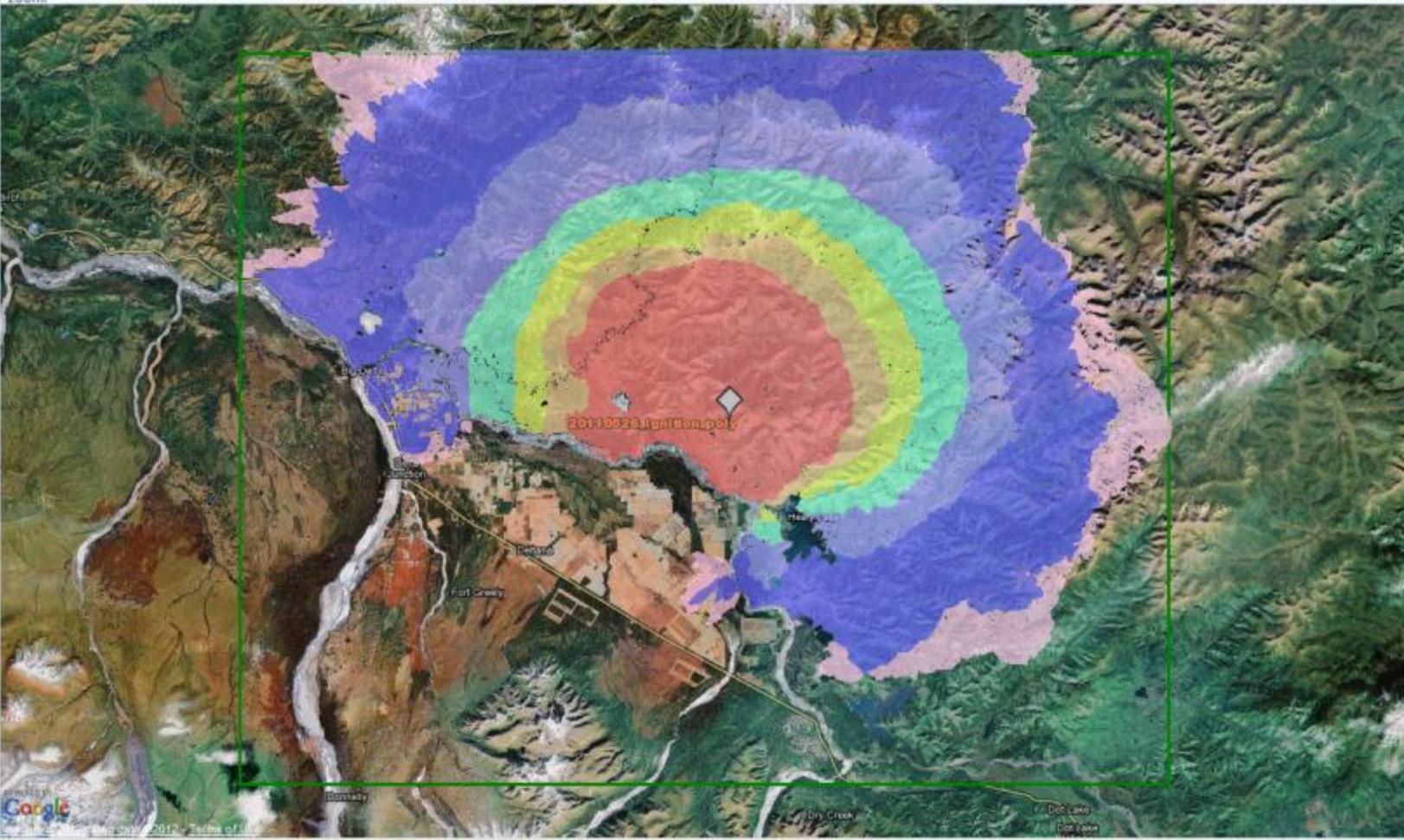
Legend
Pan: To pan, drag to pan. Shift-click, drag, and release to zoom. Double-click to re-center and zoom.

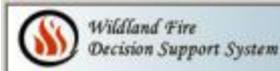


Latitude: 64.17793 Longitude: -146.96628



- Layers
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
 - Incident
 - Analysis
 - FSPro Results
 - Ignition
 - Landscape Extent
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - * Unit Shapes





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

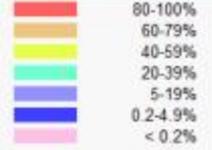
Brian Sorbel on Production | Sign out
Analysis: 5/27-6/2; TU=SH5; GR4=GR2; hist. fires

Map Tools: drag to pan, Shift-click, drag, and release to zoom, Double-click to re-center and zoom.



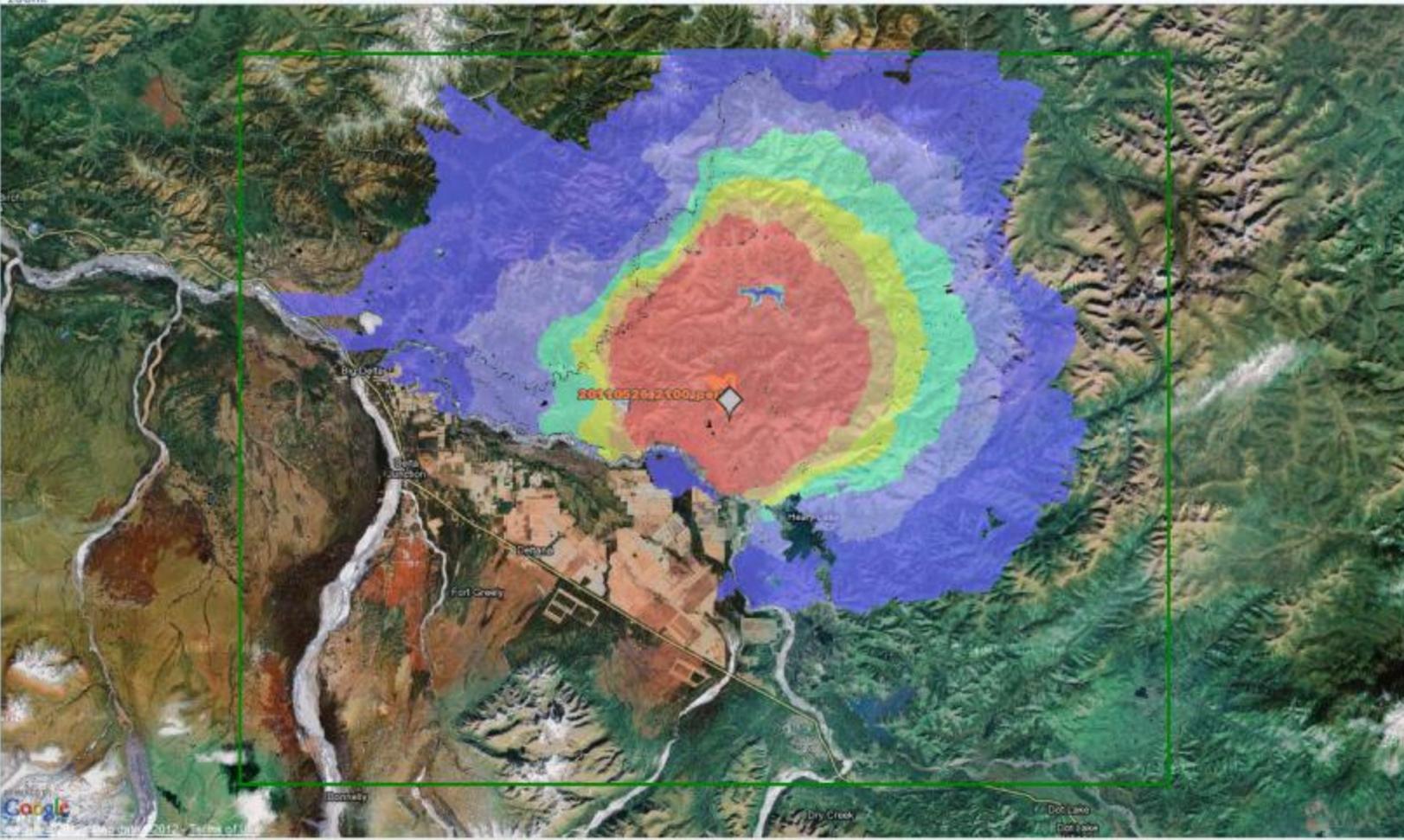
Latitude: 64.39663 Longitude: -146.08231

Fire Spread Probability

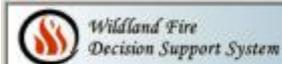


Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
- Analysis
 - FSPPro Results
 - Ignition
 - LCP Masks
 - Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- Unit Shapes



Fire not burning in the hardwoods; TU1



National Preparedness Level: 1

Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | [Sign out](#)

Analysis: Cal1; 5/26; 2010 std lcp edits

My Home Incidents **Analyses** Intelligence Data Management

Menu Map Info

Layers

Base Layers

- WFDSS Topos
- Google Maps
- Google Physical
- U.S. States

Incident

- Planning Area
- Fire Perimeters
 - 6.10.1500
 - 6.8.1500
 - 6.5.2116
 - fire perimeter
 - 6.3
 - June 3 2011
 - 20110528_2000_207_perim
 - 20110528_1400_207_perim
 - 20110527_0900_MODIS
 - 20110526_2100_perim

Area
1,885 acres
Effective Date
05/26/2011 21:00
Layer Transparency

Layer Order

- * Mgmt Action Points
- * Objective Shapes
- * Points of Interest
- Point of Origin

Landscape

- Elevation
- Slope
- Aspect
- Fuel Model
- Stand Height
- Canopy Base Height
- Canopy Bulk Density
- Canopy Cover

Analysis

- Fire-Related
- Boundaries

Messages (0)
Pan tool: drag to pan. Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



Latitude: 64.17050 Longitude: -144.91733





Fire not burning in the hardwoods; TU1

Wildland Fire Decision Support System

National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | Sign out
Analysis: Cal1; 5/26; 2010 std lcp edits

My Home Incidents Analyses Intelligence Data Management

Menu Map Info

Information

Use the Identify Tool (i icon) to click on the map

*Latitude: 64.14095
*Longitude: 144.93807

Radius (miles): 5.0

Feature Information
[Fire Danger Rating Graph](#)
[Smoke Dispersion](#)
[Strategic Objectives](#)
[Weather Forecast](#)

Source
lcp: Alaska LANDFIRE 1.0.0
Elevation
647 meters 2122 feet
Aspect Slope
235 degrees 16 degrees
Fuel Model
161 - TU1
Canopy Cover Bulk Density
56 percent 0.3 kg/m³
Stand Height Base Height
5.0 meters 3.0 meters

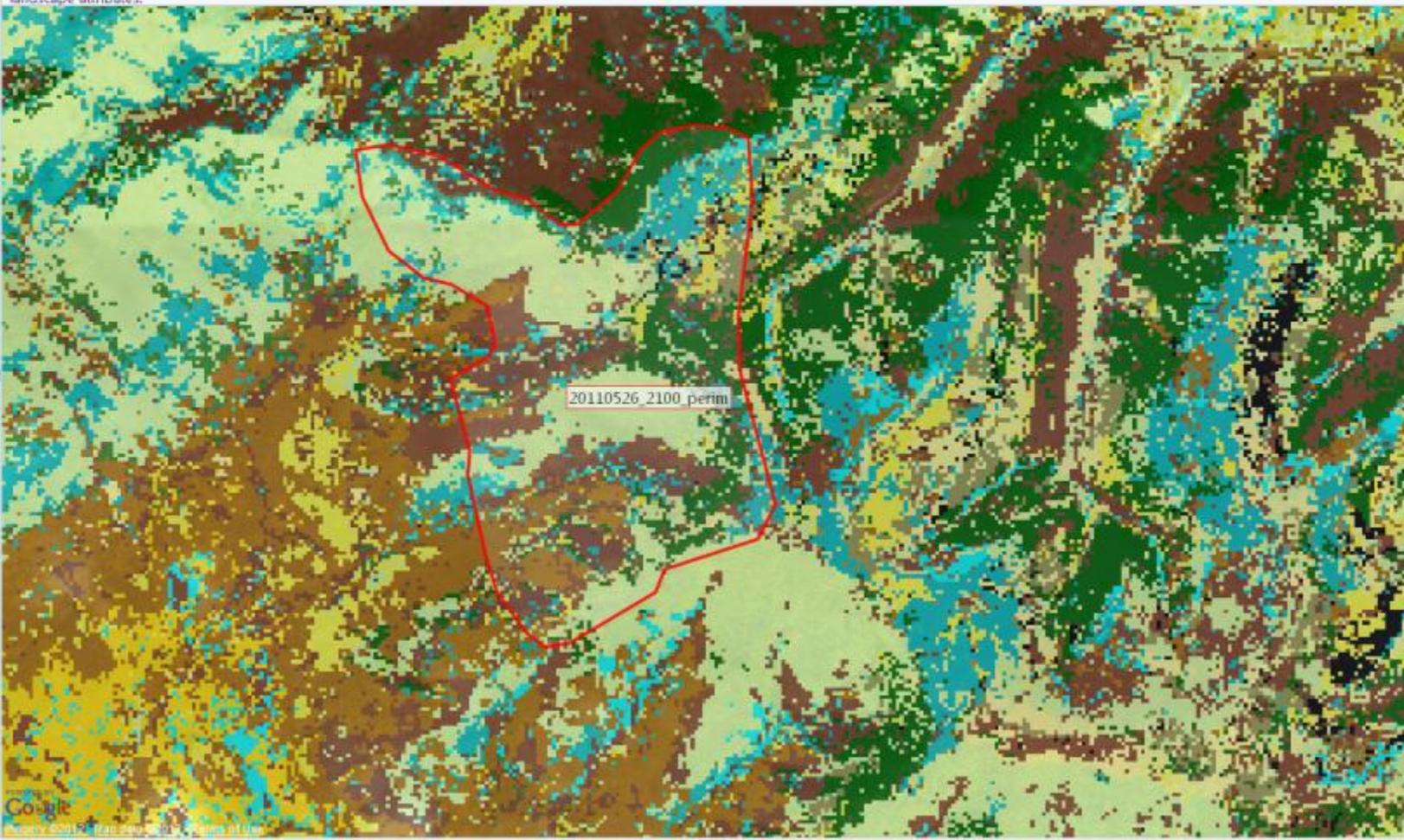
Map Capture

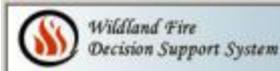
Messages (0)
Identify Tool: Click on the map to identify landscape attributes.

Scale = 1 : 54K



Latitude: 64.14349
Longitude: -144.93790





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

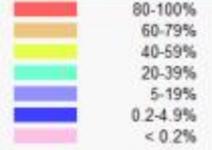
Brian Sorbel on Production | Sign out
Analysis: 5/27-6/2; TU=SH5; GR4=GR2; hist. fires

Map Tools: drag to pan, Shift-click, drag, and release to zoom, Double-click to re-center and zoom.



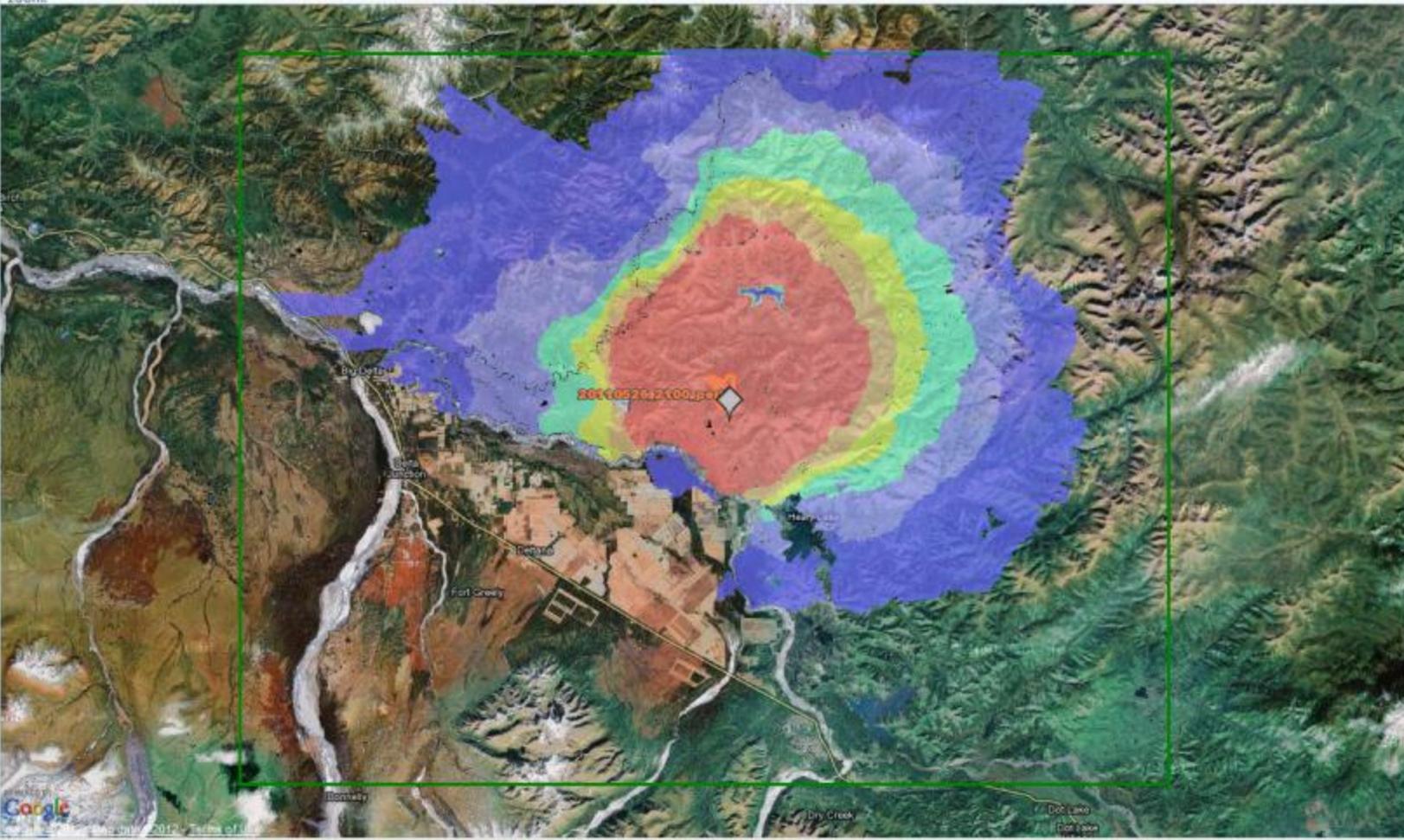
Latitude: 64.39663 Longitude: -146.08231

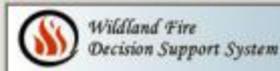
Fire Spread Probability



Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
- Analysis
 - FSPRO Results
 - Ignition
 - LCP Masks
 - Landscape Extent
- Fire-Related
- Boundaries
- Designated Areas
- Infrastructure
- Natural and Cultural Resources
- Unit Shapes





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

Brian Sorbel on Production | Sign out
Analysis: 5/27-6/2; TU4,5=SH5; GR4=TU1

Map Tools: drag to pan, Shift-click, drag, and release to zoom, Double-click to re-center and zoom.

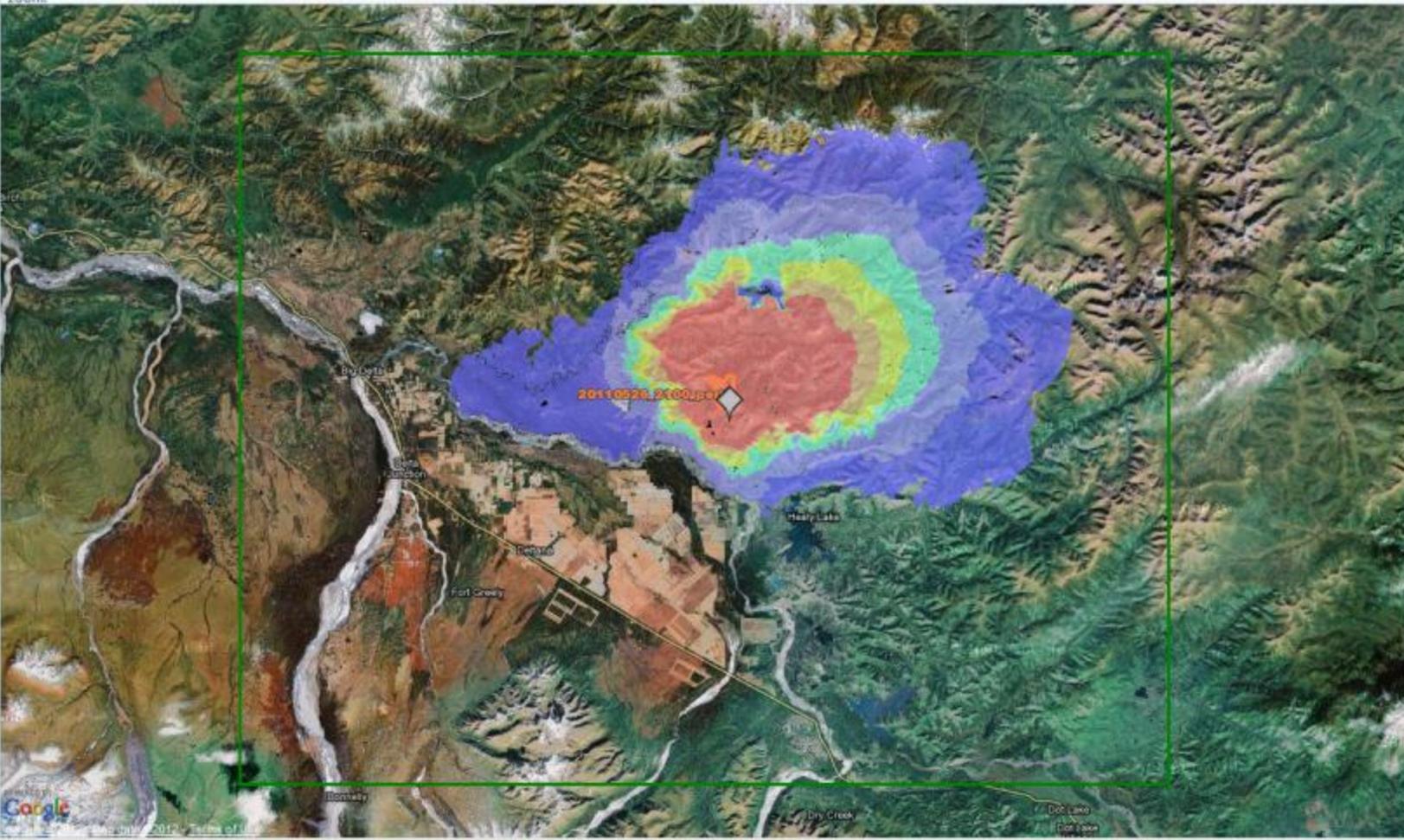


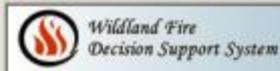
Latitude: 64.24930 Longitude: -146.74590

Fire Spread Probability



- Layers
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
 - Incident
 - Analysis
 - FSPRO Results
 - Ignition
 - LCP Masks
 - Landscape Extent
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes





National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | Sign out
Analysis: 5/27-6/2; TU4,5=SH5; GR4=TU1

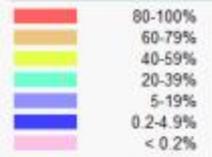
Legend

Pan Tool: drag to pan, Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



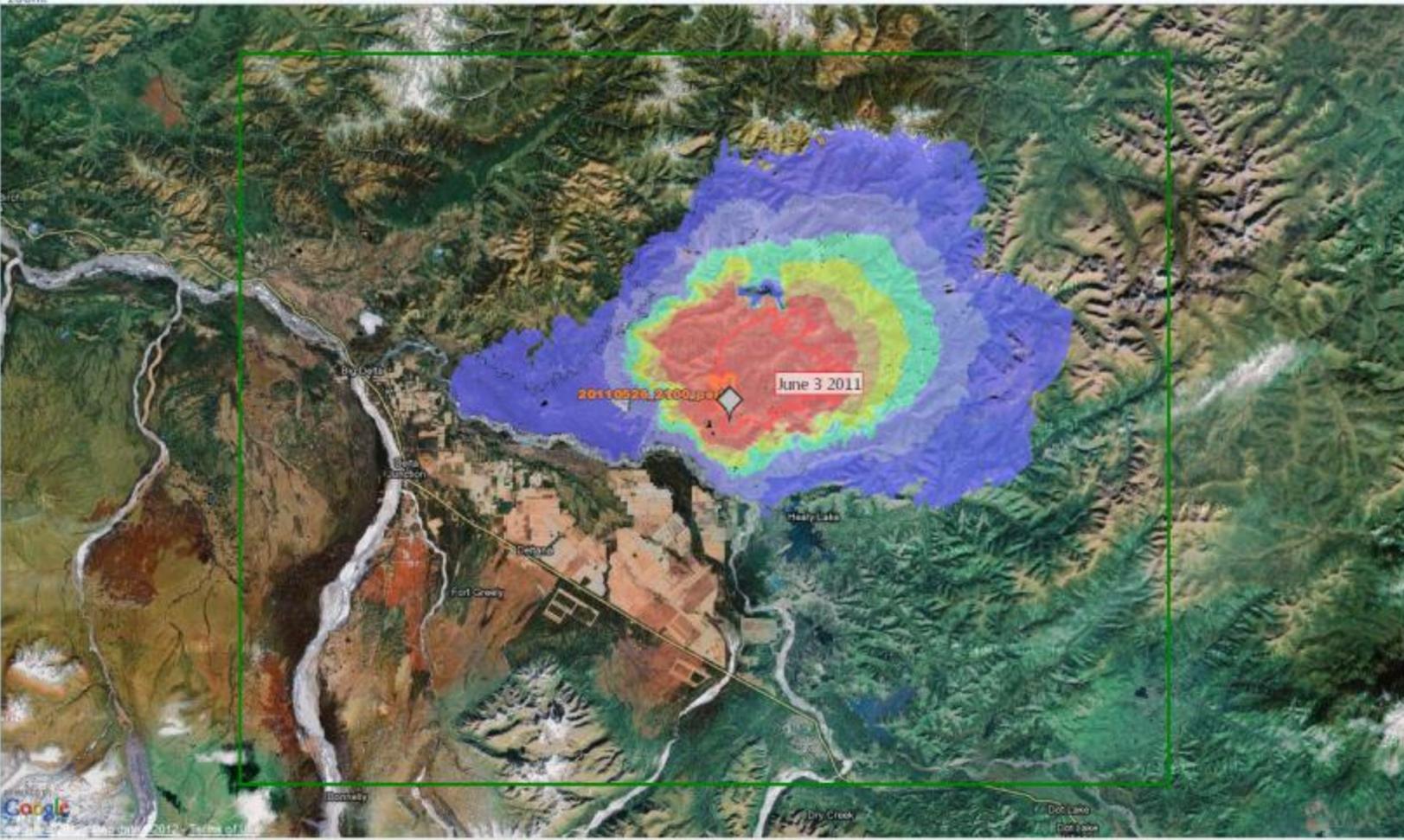
Latitude: 64.09759 Longitude: -144.58765

Fire Spread Probability



Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - 6.10.1500
 - 6.8.1500
 - 6.5.2116
 - fire perimeter
 - 6.3
 - June 3 2011
 - 20110528_2000_207_perim
 - 20110528_1400_207_perim
 - 20110527_0900_MODIS
 - 20110526_2100_perim
 - * Mgmt Action Points
 - * Objective Shapes
 - * Points of Interest
 - Point of Origin
- Analysis
 - FSPRO Results
 - Ignition
 - LCP Masks
 - Landscape Extent
- Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - * Unit Shapes



Calibration of Fire Growth on Friday, May 27

Wildland Fire Decision Support System
National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207
Brian Sorbel on Production | [Sign out](#)
Analysis: 5/27; Cal5; TU4,5=SH5; GR4,SH2=TU1

My Home Incidents Analyses Intelligence Data Management

Messages (0)

Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - Mgmt Action Points
 - Objective Shapes
 - Points of Interest
 - Point of Origin
- Landscape
 - Elevation
 - Slope
 - Aspect
 - Fuel Model
 - Stand Height
 - Canopy Base Height
 - Canopy Bulk Density
 - Canopy Cover
- Analysis
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes

Scale = 1 : 108K
Latitude: 64.14599 Longitude: -145.00867

20110526_2500_perim

Done Internet | Protected Mode: On 100%

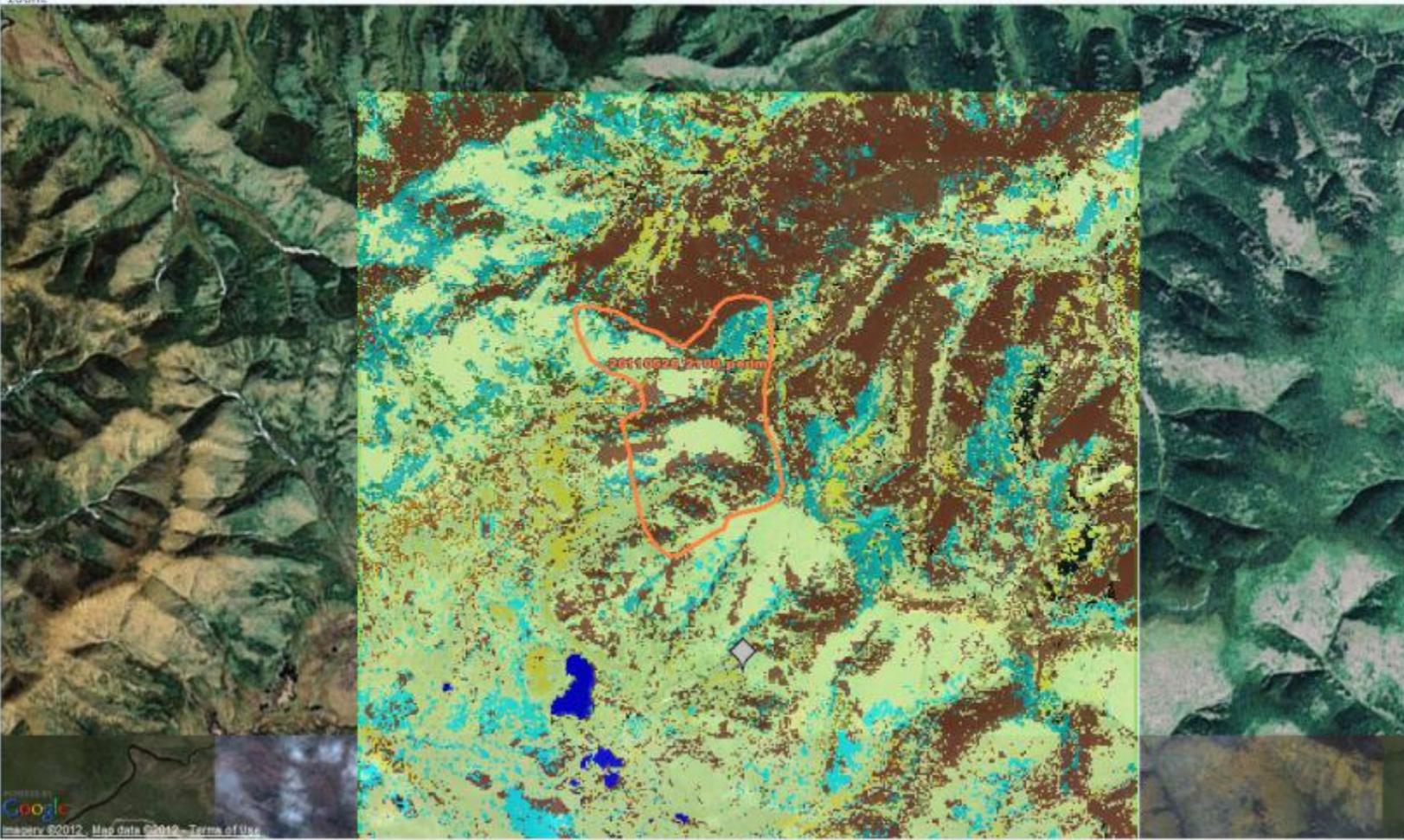
Calibration of Fire Growth on Friday, May 27

- Layers
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - Mgmt Action Points
 - Objective Shapes
 - Points of Interest
 - Point of Origin
- Landscape
 - Elevation
 - Slope
 - Aspect
 - Fuel Model
 - Stand Height
 - Canopy Base Height
 - Canopy Bulk Density
 - Canopy Cover
- Analysis
 - Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes

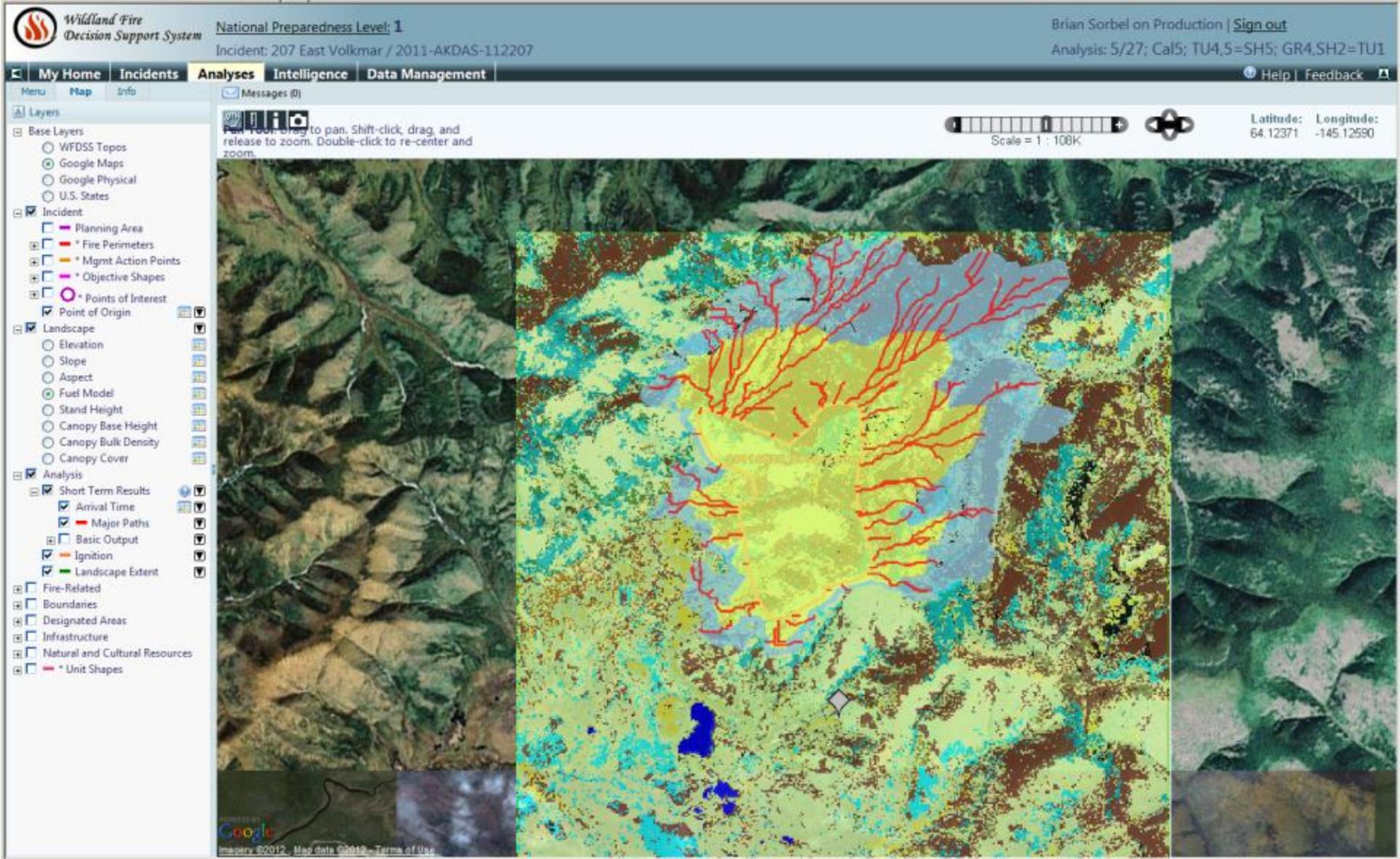
Messages (0)
Pan Tool: drag to pan, Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



Latitude: 64.12371 Longitude: -145.12590

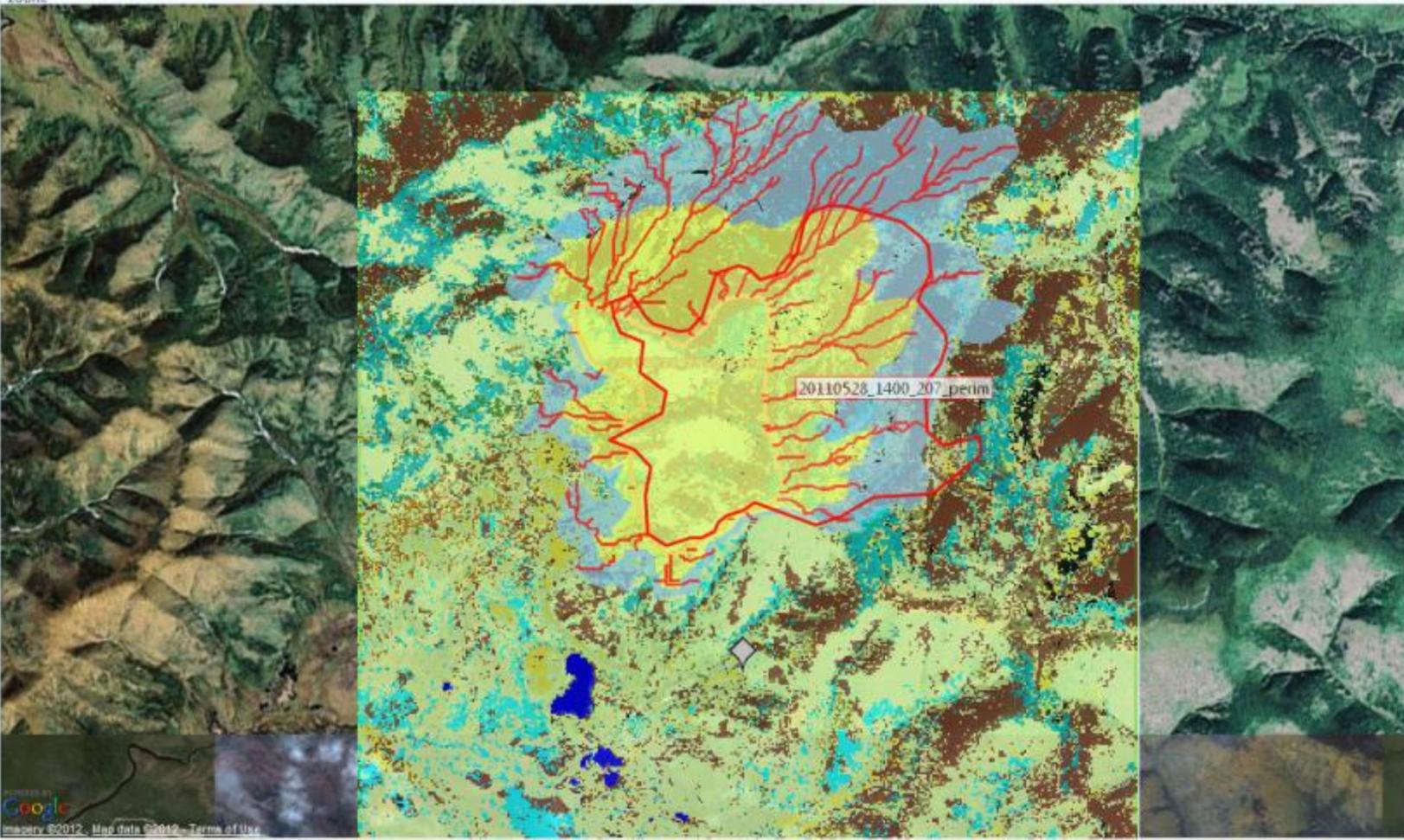


Calibration of Fire Growth on Friday, May 27



Calibration of Fire Growth on Friday, May 27

- Layers
- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - Mgmt Action Points
 - Objective Shapes
 - Points of Interest
 - Point of Origin
- Landscape
 - Elevation
 - Slope
 - Aspect
 - Fuel Model
 - Stand Height
 - Canopy Base Height
 - Canopy Bulk Density
 - Canopy Cover
- Analysis
 - Short Term Results
 - Arrival Time
 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
- Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - Unit Shapes



Calibration of Fire Growth on Friday, May 27

Wildland Fire Decision Support System
National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207
Brian Sorbel on Production | [Sign out](#)
Analysis: 5/27; Cal5; TU4,5=SH5; GR4,SH2=TU1

My Home Incidents Analyses Intelligence Data Management

Messages (0)

Layers

- Base Layers
 - WFDSS Topos
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 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - * Mgmt Action Points
 - * Objective Shapes
 - * Points of Interest
 - Point of Origin
- Landscape
 - Elevation
 - Slope
 - Aspect
 - Fuel Model
 - Stand Height
 - Canopy Base Height
 - Canopy Bulk Density
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- Analysis
 - Short Term Results
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 - Major Paths
 - Basic Output
 - Ignition
 - Landscape Extent
- Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - * Unit Shapes

Scale = 1 : 108K
Latitude: 64.11743 Longitude: -144.96720

20110528_1400_207_perim

Internet | Protected Mode: On | 100%

Search

Fly To Find Businesses Directions

Fly to e.g., San Francisco

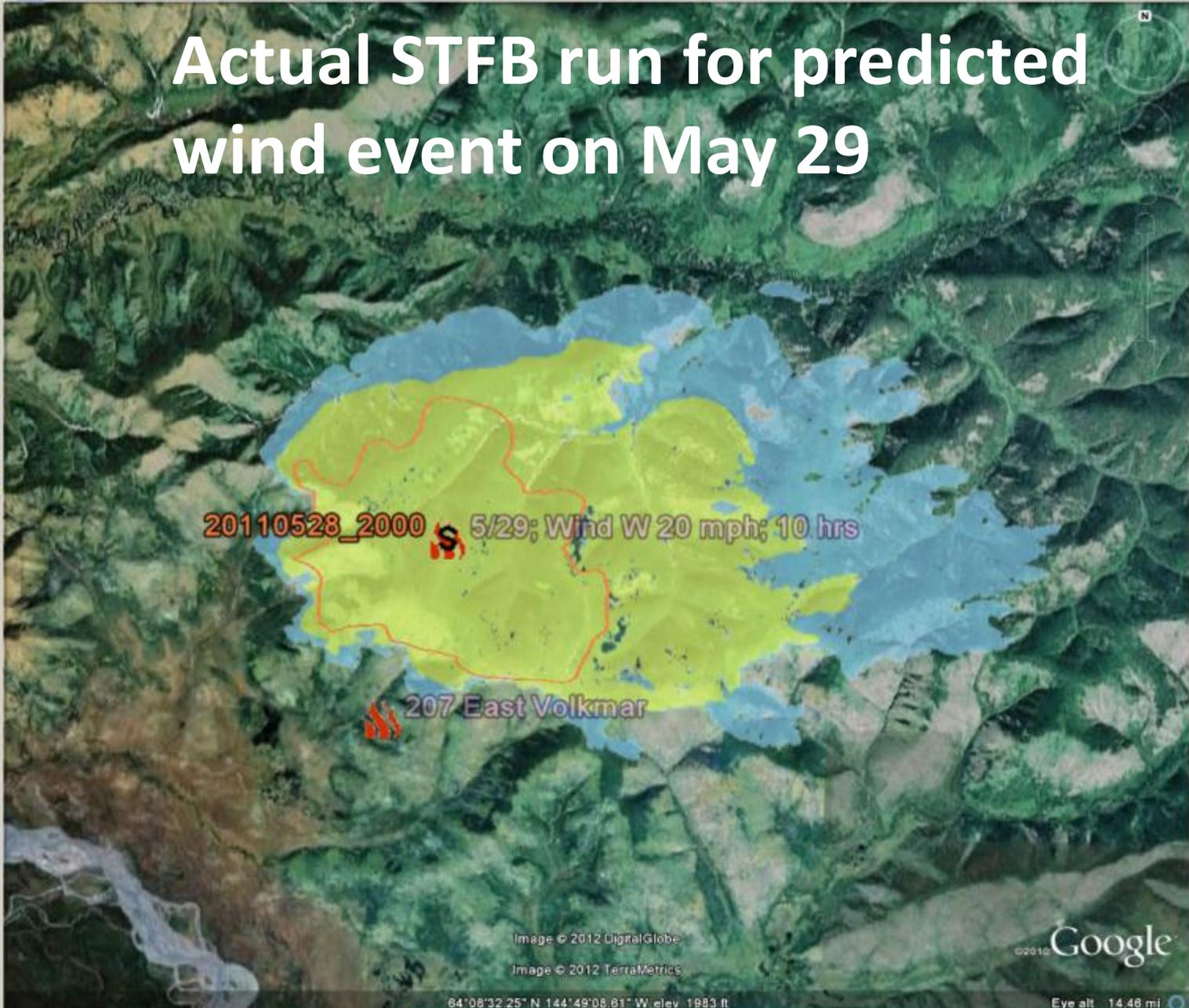
Places

- My Places
 - Untitled Placemark
 - 60 58.851' N, 149 28.232' W
 - 60 59.023' N, 149 28.125' W
 - 60 59.292' N, 149 27.980' W
 - 60 59.302' N, 149 28.019' W
- Temporary Places
 - WFDSS Analysis
 - 207 East Volkmar
 - 5/29; Wind W 20 mph; 10...
 - 5/29; Wind W 20 mph; 10
 - Arrival Time
 - Major Path
 - Ignition-20110528_2000
 - ALASKA MODIS 1km Fire Detection

This KML displays the MODIS fire detections at a spatial resolution

Layers Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



Search

Fly To Find Businesses Directions

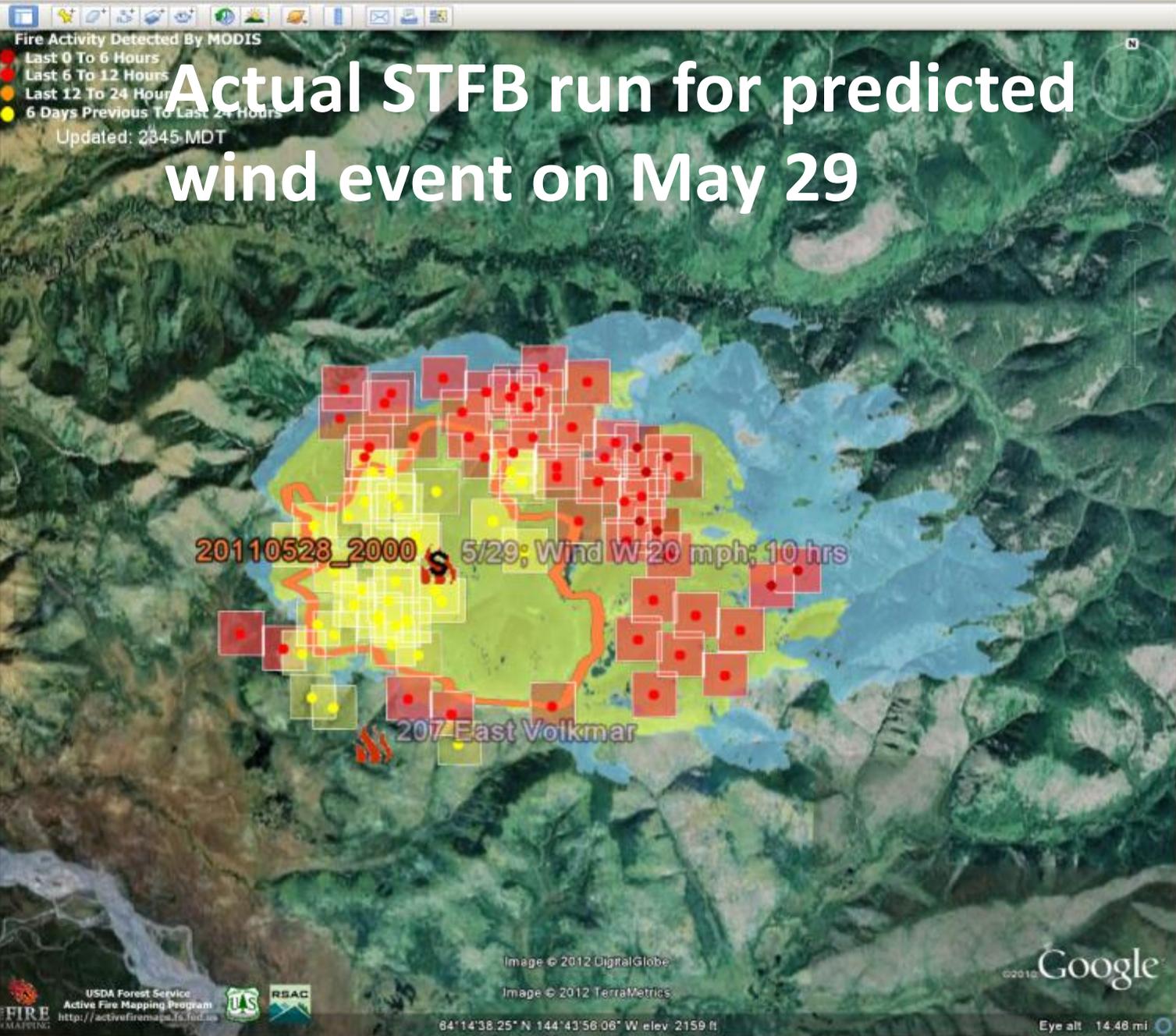
Fly to e.g., San Francisco

Places

- My Places
 - Untitled Placemark
 - 60 58.851° N, 149 28.232° W
 - 60 59.023° N, 149 28.125° W
 - 60 59.292° N, 149 27.980° W
 - 60 59.302° N, 149 28.019° W
- Temporary Places
 - WFDSS Analysis
 - 207 East Volkmar
 - 207 East Volkmar
 - 5/29; Wind W 20 mph; 10...
 - 5/29; Wind W 20 mph; 10
 - Arrival Time
 - Major Path
 - Ignition-20110528_2000
 - ALASKA MODIS 1km Fire Detectio...
 - This KML displays the MODIS fire detections at a spatial resolution

Layers Earth Gallery >>

- Primary Database
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- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



Actual STFB run for predicted wind event on May 29

Fly To Find Businesses Directions

Fly to e.g., San Francisco

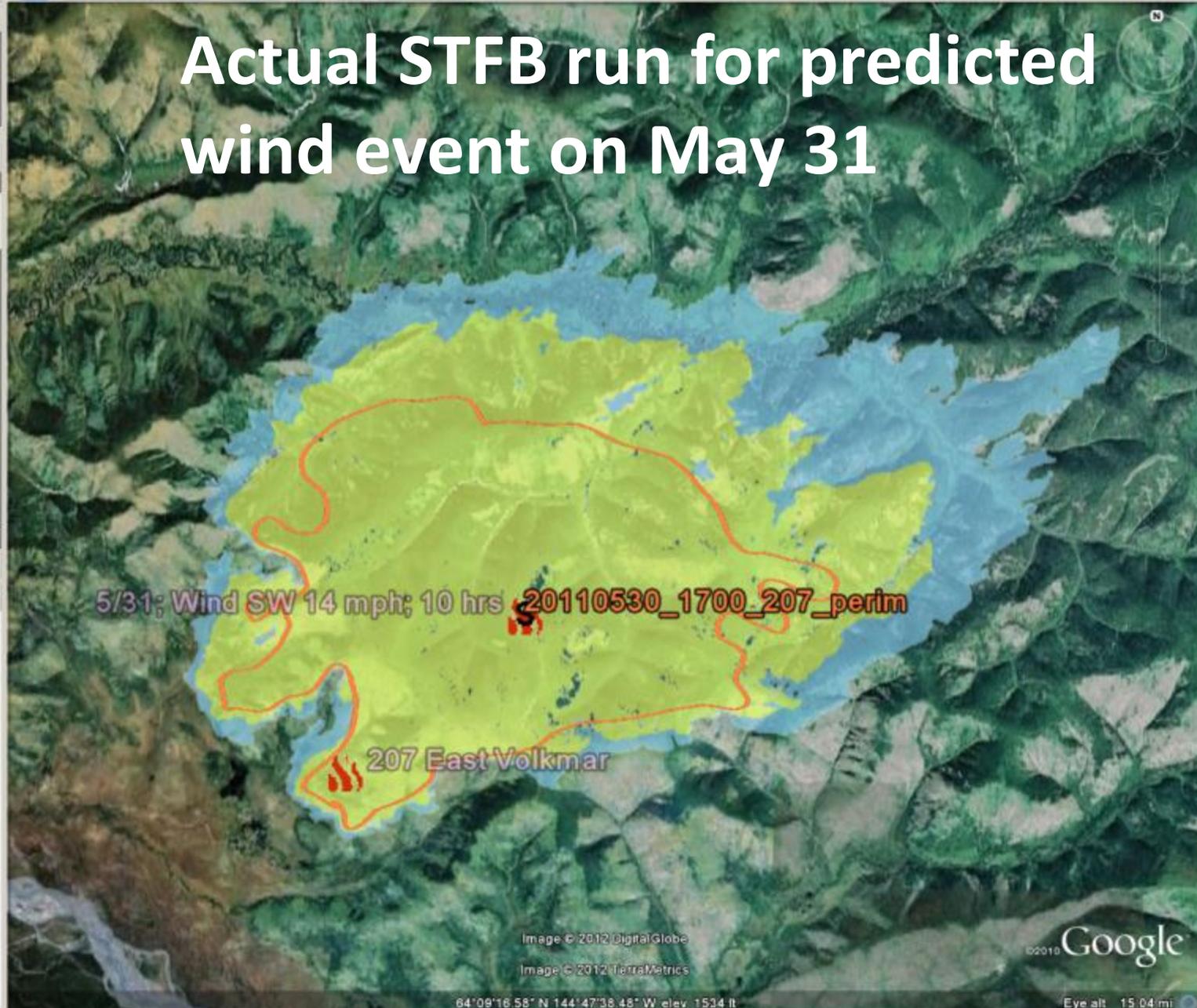
Places

- 60 59.023' N, 149 28.125' W
- 60 59.292' N, 149 27.980' W
- 60 59.302' N, 149 28.019' W
- Temporary Places
- WFDSS Analysis
- WFDSS Analysis
- 207 East Volkmar
 - 207 East Volkmar
 - 5/31; Wind SW 14 mp...
 - 5/31; Wind SW 14 mph
 - Arrival Time
 - Major Path
 - Ignition-20110530_1...
- ALASKA MODIS 1km Fire Detec
This KML displays the MODIS fire detections at a spatial
- ALASKA MODIS 1km Fire Detec
This KML displays the MODIS fire detections at a spatial

Layers Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain

Actual STFB run for predicted wind event on May 31



Fly To Find Businesses Directions

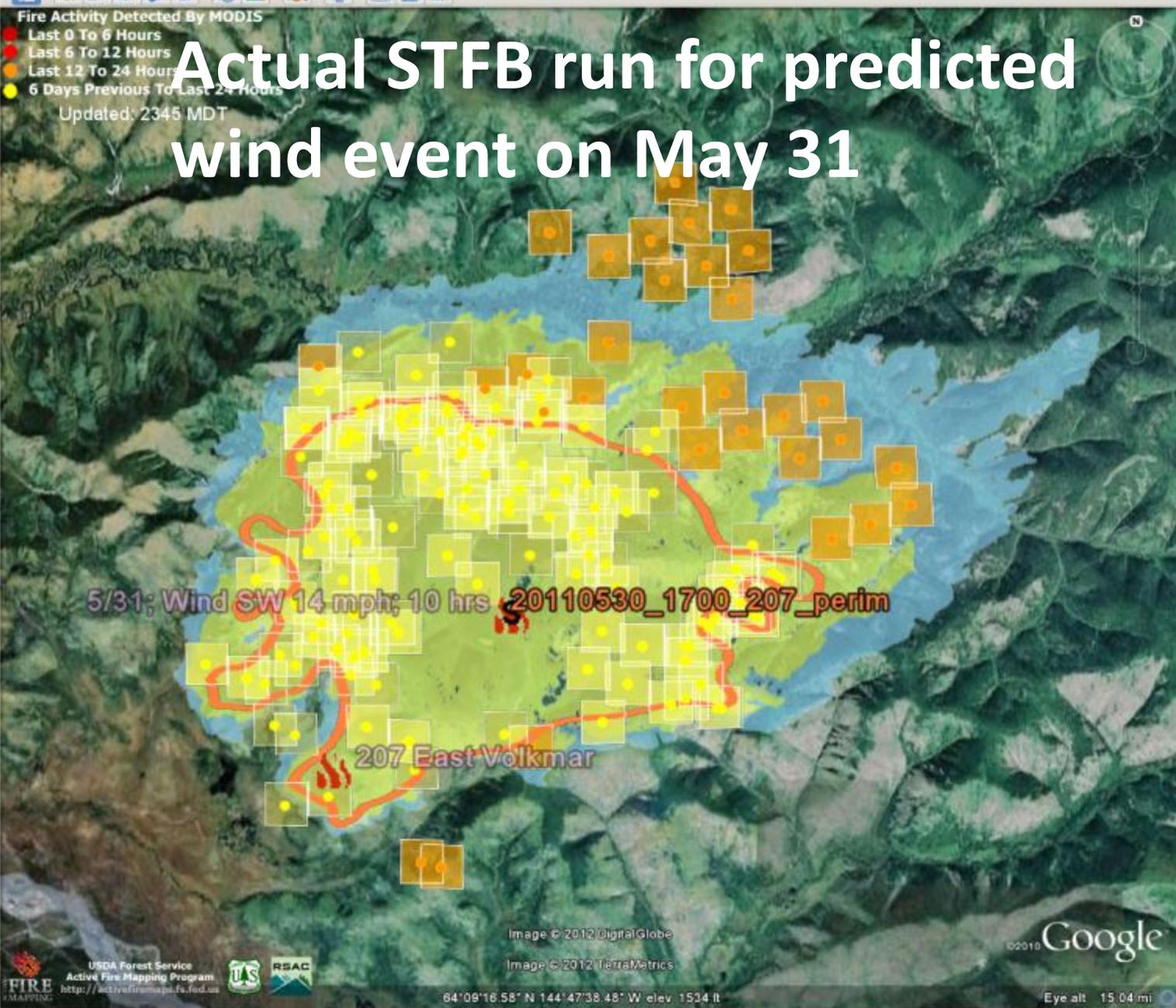
Fly to e.g., San Francisco

Places

- 60 59.023' N, 149 28.125' W
- 60 59.292' N, 149 27.980' W
- 60 59.302' N, 149 28.019' W
- Temporary Places
- WFDSS Analysis
- WFDSS Analysis
- 207 East Volkmar
 - 207 East Volkmar
 - 5/31; Wind SW 14 mp...
 - 5/31; Wind SW 14 mph
 - Arrival Time
 - Major Path
 - Ignition-20110530_1...
- ALASKA MODIS 1km Fire Dete...
This KML displays the MODIS fire detections at a spatial
- ALASKA MODIS 1km Fire Dete...
This KML displays the MODIS fire detections at a spatial

Layers Earth Gallery >>

- Primary Database
- Earth Pro (US)
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain



Actual STFB run for predicted wind event on May 31

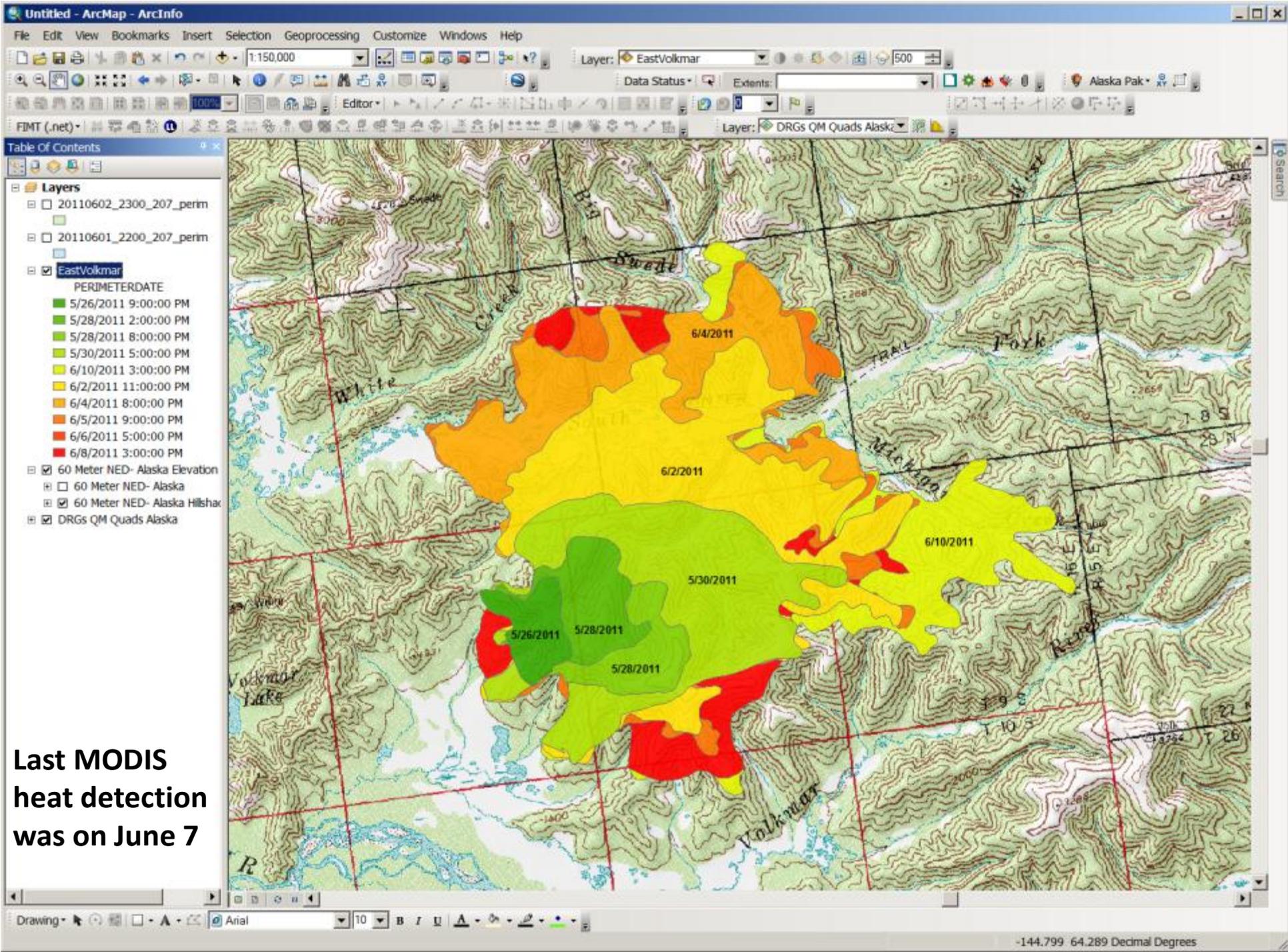
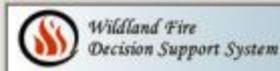


Table of Contents

- Layers
 - 20110602_2300_207_perim
 - 20110601_2200_207_perim
 - EastVolkmar**
 - PERIMETERDATE
 - 5/26/2011 9:00:00 PM
 - 5/28/2011 2:00:00 PM
 - 5/28/2011 8:00:00 PM
 - 5/30/2011 5:00:00 PM
 - 6/10/2011 3:00:00 PM
 - 6/2/2011 11:00:00 PM
 - 6/4/2011 8:00:00 PM
 - 6/5/2011 9:00:00 PM
 - 6/6/2011 5:00:00 PM
 - 6/8/2011 3:00:00 PM
 - 60 Meter NED- Alaska Elevation
 - 60 Meter NED- Alaska
 - 60 Meter NED- Alaska Hillshad
 - DRGs QM Quads Alaska

Last MODIS
heat detection
was on June 7



National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | Sign out
Analysis: 5/27-6/2; TU4,5=SH5; GR4=TU1

Pan Tool: drag to pan, Shift-click, drag, and release to zoom. Double-click to re-center and zoom.

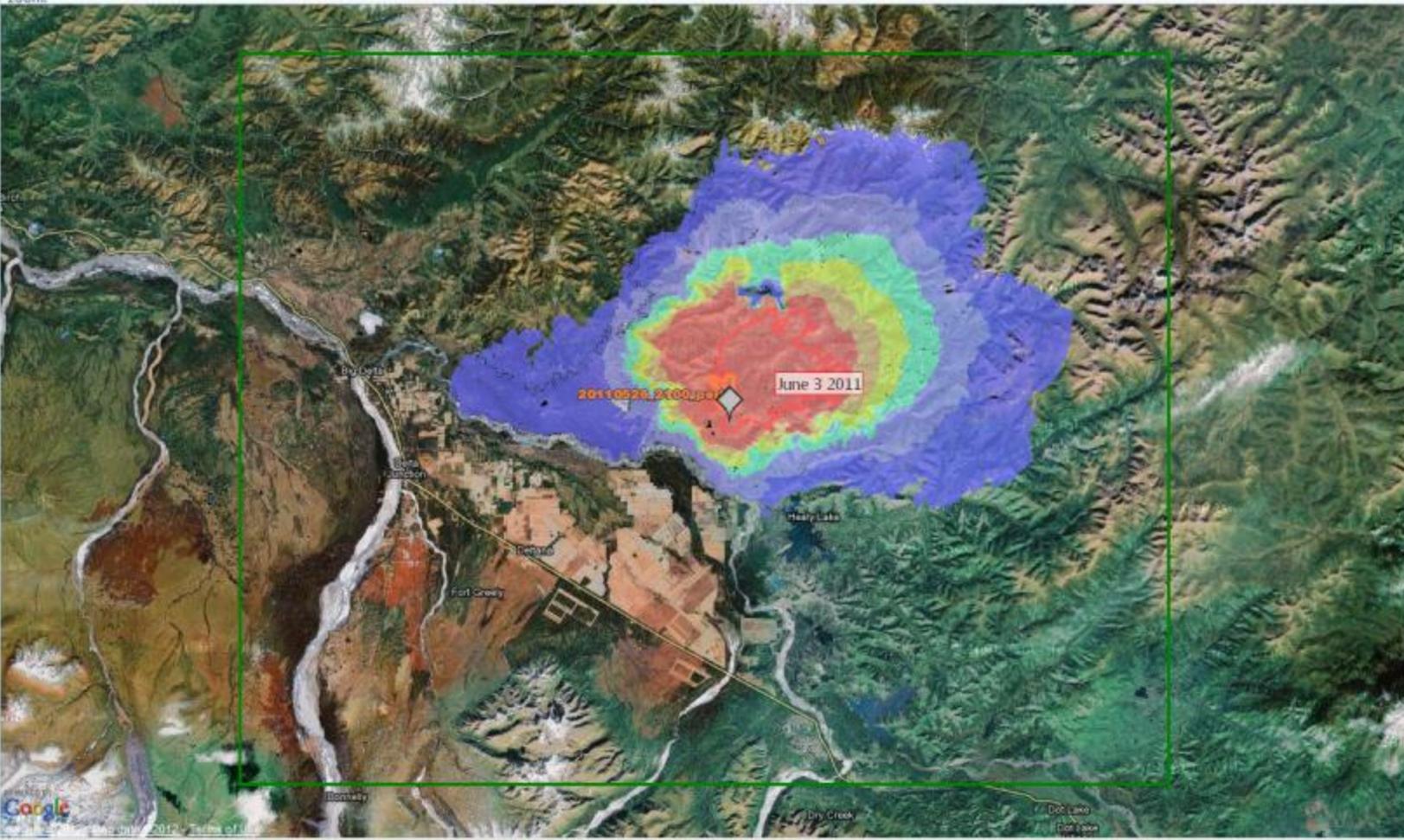


Latitude: 64.09759 Longitude: -144.58765

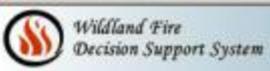


Layers

- Base Layers
 - WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
- Incident
 - Planning Area
 - Fire Perimeters
 - 6.10.1500
 - 6.8.1500
 - 6.5.2116
 - fire perimeter
 - 6.3
 - June 3 2011
 - 20110528_2000_207_perim
 - 20110528_1400_207_perim
 - 20110527_0900_MODIS
 - 20110526_2100_perim
 - * Mgmt Action Points
 - * Objective Shapes
 - * Points of Interest
 - Point of Origin
- Analysis
 - FSPRO Results
 - Ignition
 - LCP Masks
 - Landscape Extent
- Fire-Related
 - Boundaries
 - Designated Areas
 - Infrastructure
 - Natural and Cultural Resources
 - * Unit Shapes



7 Day FSPro Run: May 29 – June 4



National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDAS-112207

Brian Sorbel on Production | [Sign out](#)
Analysis: 5/29-6/4;TU4,5=SH5;TU1=TL1;GR4,SH2=IU1

My Home Incidents **Analyses** Intelligence Data Management

Menu Map Info Results

Legend



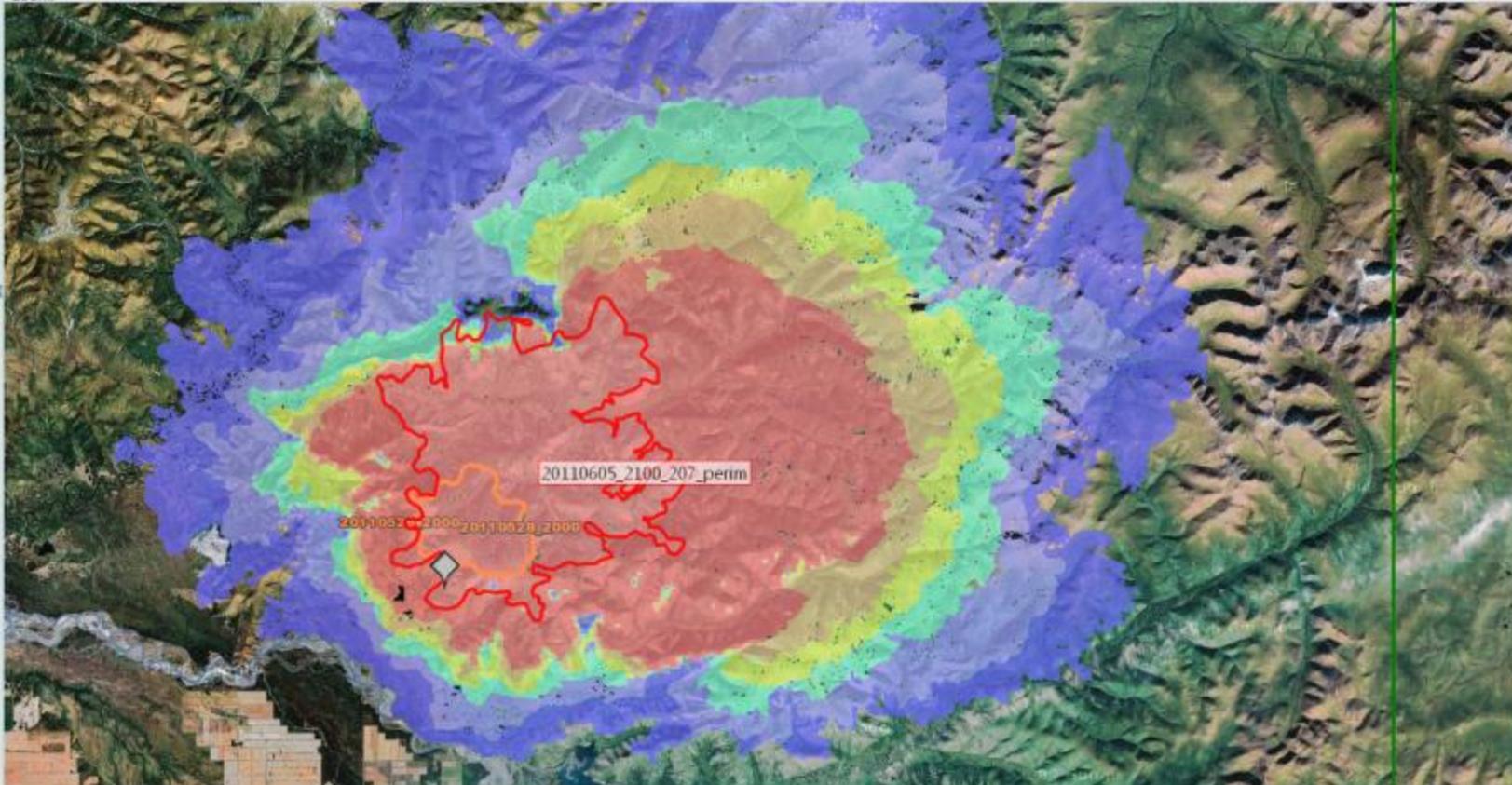
- Layers
- WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
 - Incident
 - Planning Area
 - Fire Perimeters
 - 20110605_2100_207_perim
 - Area: 46,110 acres
 - Effective Date: 06/05/2012 21:00
 - Layer Transparency:
 - Layer Order:
 - 20110602_2300_207_perim
 - 20110610_1500_207_perim
 - 6.10.1500
 - 20110608_1500_207_perim
 - 6.8.1500
 - 20110606_1700_207_perim
 - 6.5.2116
 - 20110604_2000_207_perim
 - fire perimeter
 - June 3 2011
 - 6.3
 - 20110601_2200_207_perim
 - 20110530_1700_207_perim
 - 20110528_2000_207_perim
 - 20110528_1600_207_perim

Messages (0)

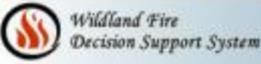
Notes

Time (CST)	User	Note
05/29/2011 21:03	Sorbel, Brian	7 day run. Forecast of west winds at 15 mph for 5/29 and 10 mph for 5/30.

Map navigation controls: Pan, Zoom, Scale = 1 : 433K, Latitude: 64.18937, Longitude: -144.75247



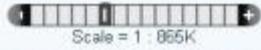
14 Day FSPro Run: May 29 – June 11



National Preparedness Level: 1
Incident: 207 East Volkmar / 2011-AKDas-112207

Brian Sorbel on Production | [Sign out](#)
Analysis: 5/29-6/11; Forecast W20 / W5; Bigger .lcp

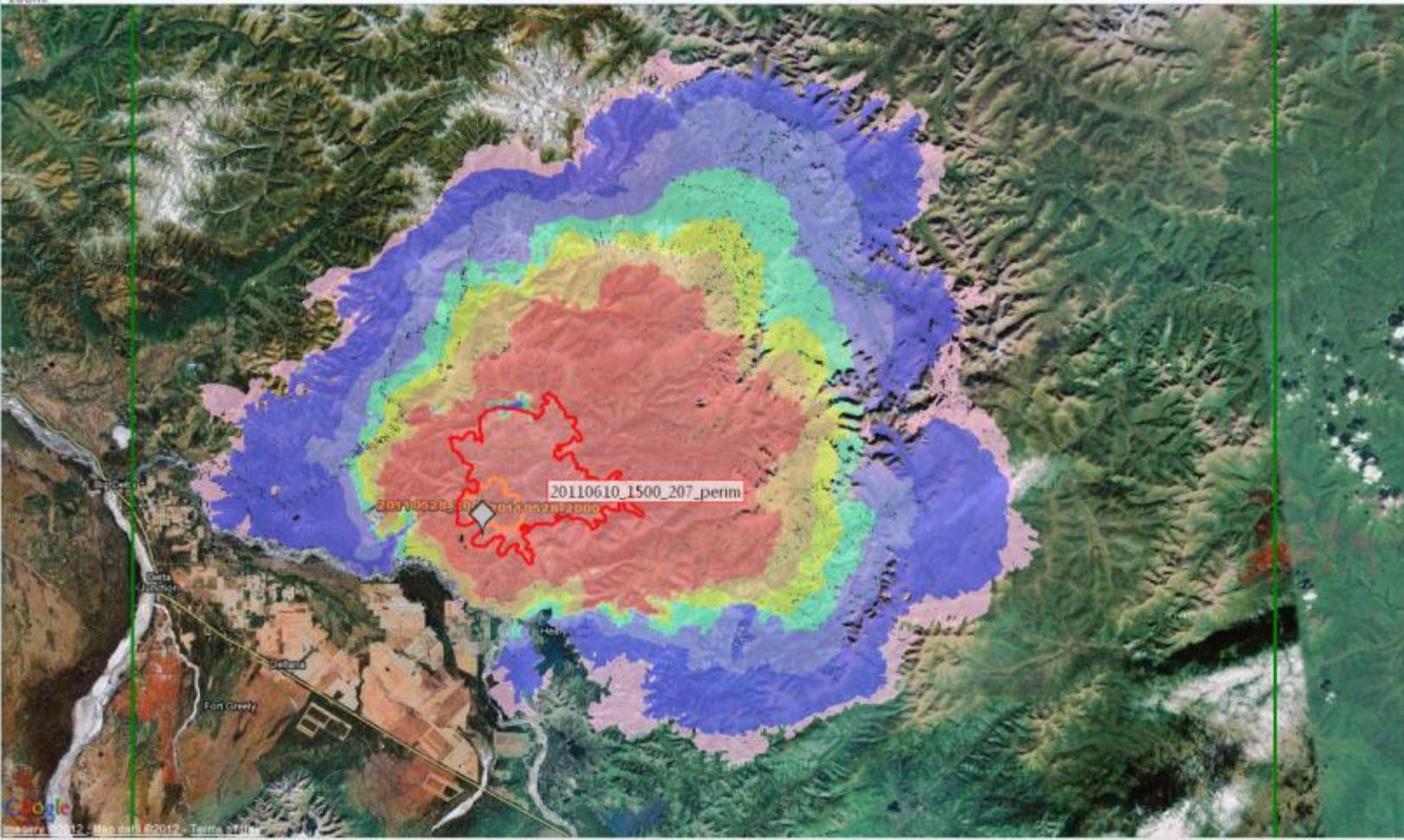
Pan: Roll over to pan. Shift-click, drag, and release to zoom. Double-click to re-center and zoom.



Latitude: 64.95586 Longitude: -146.39320



- Layers
- WFDSS Topos
- Google Maps
- Google Physical
- U.S. States
- incident
- Planning Area
- Fire Perimeters
- 20110605_2100_207_perim
- 20110602_2300_207_perim
- 20110610_1500_207_perim
- Area
- 58,079 acres
- Effective Date
- 06/10/2011 15:00
- Layer Transparency
- Layer Order
- 6.30.1500
- 20110608_1500_207_perim
- 6.8.1500
- 20110606_1700_207_perim
- 6.5.2116
- 20110604_2000_207_perim
- fire perimeter
- June 3 2011
- 6.3
- 20110601_2200_207_perim
- 20110530_1700_207_perim
- 20110528_2000_207_perim
- 20110526_1400_207_perim



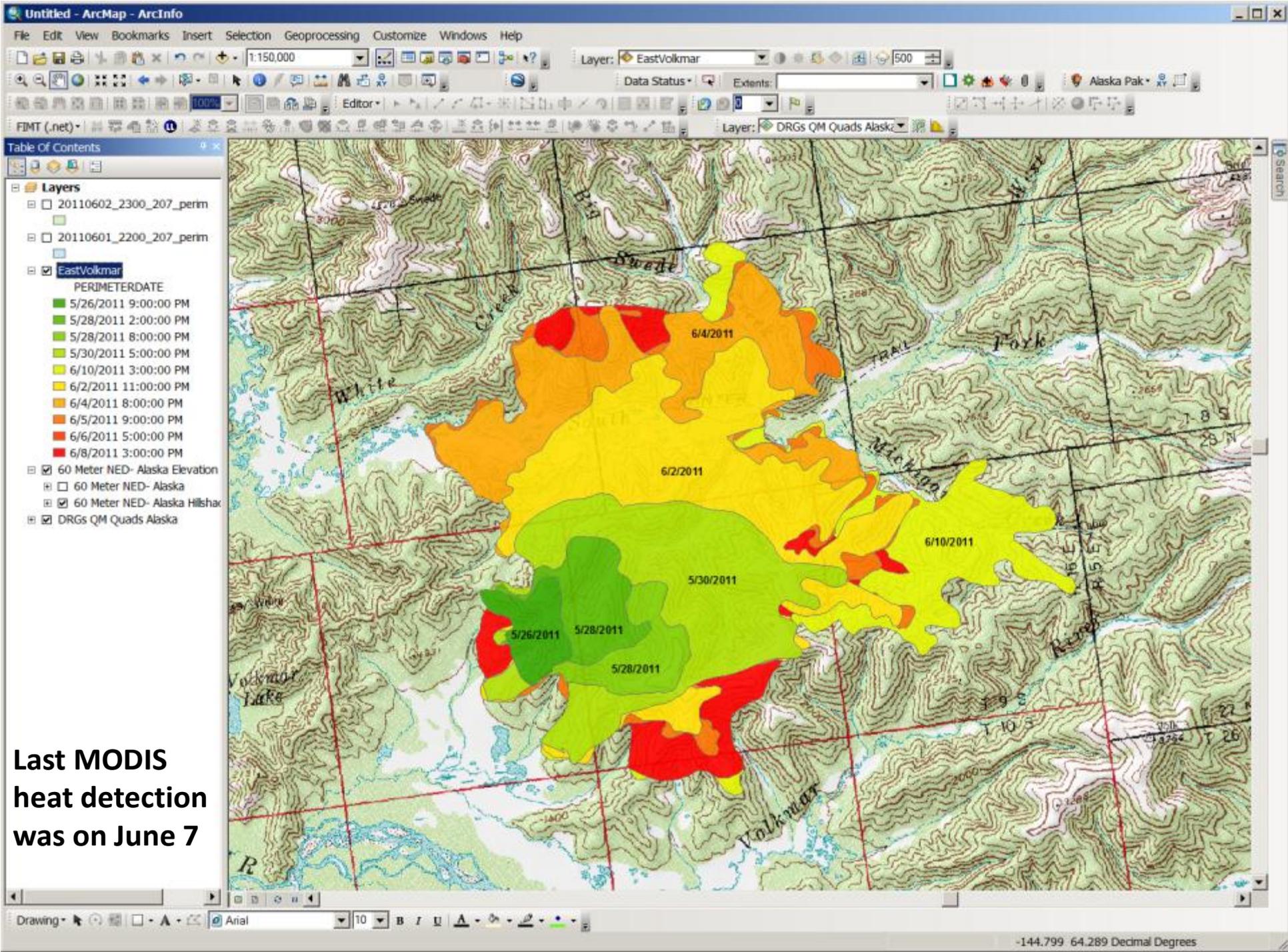
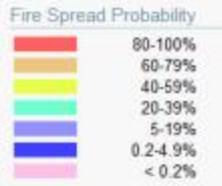


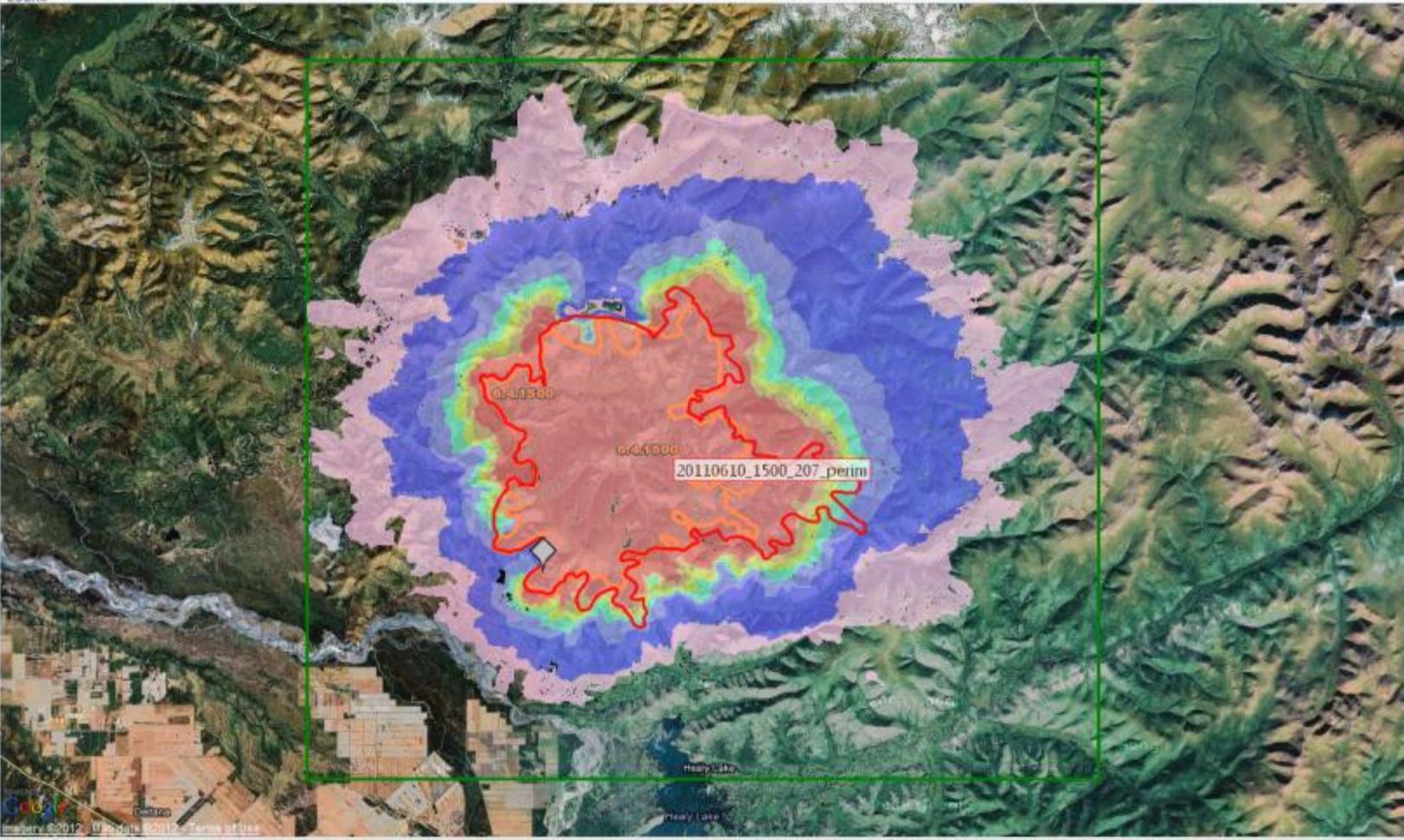
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 - 20110602_2300_207_perim
 - 20110601_2200_207_perim
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 - 6/10/2011 3:00:00 PM
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 - 6/4/2011 8:00:00 PM
 - 6/5/2011 9:00:00 PM
 - 6/6/2011 5:00:00 PM
 - 6/8/2011 3:00:00 PM
 - 60 Meter NED- Alaska Elevation
 - 60 Meter NED- Alaska
 - 60 Meter NED- Alaska Hillshad
 - DRGs QM Quads Alaska

Last MODIS
heat detection
was on June 7



- Layers
- WFDSS Topos
 - Google Maps
 - Google Physical
 - U.S. States
 - incident
 - Planning Area
 - Fire Perimeters
 - 20110605_2100_207_perim
 - 20110602_2300_207_perim
 - 20110610_1500_207_perim
- Area: 58,079 acres
Effective Date: 06/10/2011 15:00
Layer Transparency: [Slider]
Layer Order: [Icons]
- 6.10.1500
 - 20110608_1500_207_perim
 - 6.8.1500
 - 20110606_1700_207_perim
 - 6.5.2116
 - 20110604_2000_207_perim
 - fire perimeter
 - June 3 2011
 - 6.3
 - 20110601_2200_207_perim
 - 20110530_1700_207_perim
 - 20110528_2000_207_perim
 - 20110528_1800_207_perim



- My Home
- Incidents
- Analyses**
- Intelligence
- Data Management
- Analysis List
- Results
- FSPro Information
- ERC Classes
- ERC Stream
- Winds
- Analysis Map
- ♦ **Landscape Editor**
- Landscape
- View Landscape
- Shape Upload
- Report
- Notes
- Contact Information
- Analysis Privileges
- RAWS KMZ
- Incident Information
- National ERC-G
- Fire Related Links

Landscape File Editor

Attribute	Rule Description
Fuel Model	If (Fuel Model is 161, 162, 163, 164, 165, 181, 182, 183, 184, 185, 186, 187, 188 or 189) AND (LCP intersects 2010 Fires) Set Fuel Model to 181
Fuel Model	Else If (Fuel Model is 104 or 142) Set Fuel Model to 161
Canopy Base Height	Multiply Canopy Base Height by 0.35
Canopy Bulk Density	Multiply Canopy Bulk Density by 2.0
Canopy Cover	If (LCP intersects 2003-2004 fires) Set Canopy Cover to 0
Canopy Cover	Else If (LCP intersects 2010 Fires) Set Canopy Cover to 0
Canopy Cover	Else If (Canopy Cover >= 46) Multiply Canopy Cover by 0.8

Add Edit Move Up Delete...

Import Rules

WFDSS ERC Stream - Windows Internet Explorer

http://wfdss.usgs.gov

Convert Select

Favorites RoomWizard(TM)

WFDSS ERC Stream

Analysis List

- Results
- FSPRO Information
- ERC Classes
- ERC Stream**
- Winds
- Analysis Map
- Landscape Editor
- Landscape
- View Landscape
- Shape Upload
- Report
- Notes
- Contact Information
- Analysis Privileges
- RAWS KMZ
- Incident Information
- National ERC-G
- Fire Related Links

ERC Stream

Date	Avg ERC	Std Dev	Current ERC
05/26/2011	45.60	16.20	64
05/27/2011	46.20	14.07	67
05/28/2011	44.27	17.27	69
05/29/2011	46.82	13.98	67
05/30/2011	50.22	11.20	66
05/31/2011	46.78	13.36	68
06/01/2011	44.56	13.92	68
06/02/2011	46.90	14.95	56
06/03/2011	45.00	15.73	66
06/04/2011	44.22	16.26	66
06/05/2011	43.10	14.88	66
06/06/2011	42.22	12.51	64
06/07/2011	44.22	11.72	70
06/08/2011	45.70	13.98	38
06/09/2011	47.00	12.56	53
06/10/2011	45.09	14.18	53
06/11/2011	44.91	14.98	53
06/12/2011	43.73	16.95	47
06/13/2011	39.40	18.14	49
06/14/2011	41.40	14.64	50
06/15/2011	41.40	17.00	-1
06/16/2011	44.00	12.47	-1
06/17/2011	43.82	11.75	-1
06/18/2011	42.78	10.59	-1

Page 2 of 4

Rows per Page 24

Windows Internet Explorer

http://wfdss.usgs.gov/wfdss_proto/faces/jsp/analysis/_rivid.jsp?_rap=pc_WFDSSOpenAnalysis.doERCClassesLinkAction&_rvip=/jsp/analysis/Ercc

RoomWizard(TM)

System **National Preparedness Level: 1**
Incident: 207 East Volkmar / 2011-AKDas-112207

Analyses Intelligence Data Management

ERC Classes

Station Information

*Station ID: 500743 - GOODPASTER(14.4 miles) [Fire Danger Rating Graph](#)

*Green Up Month/Day: 05/10 *Grass Type: P : Perennial *Climate Class: 2 : Subhumid *Slope Class: 1 : 0 - 25%

Latitude: 64.24 Longitude: 145.27 Elevation: 1,520 feet Aspect: South Avg Precipitation: 12.00 inches Pos on Slope: Valley Bottom / Flat Forecast Zone: 1 Station Type: 4 - NFDRS Satellite

Date Filter

*Start Year: 2000 to 2012 and *Start Month/Day: 01/01 to *End Month/Day: 12/31

ERC Correlation Parameters

*Max Lag: 30 *Max Degree of Fit: 9

[Generate ERC Classes](#)

%ile	Min ERC	Max ERC	1 Hour FM	10 Hour FM	100 Hour FM	Herb FM	Woody FM	Burn Period	Spot Prob	Delay
97	62	68	4.5	6.2	6.3	30.0	50.0	660	0.25	0
90	56	62	5.4	6.6	7.5	35.0	55.0	600	0.20	0
79	49	56	5.7	6.6	8.6	40.0	60.0	540	0.15	0
69	43	49	6.6	7.1	9.6	45.0	65.0	480	0.10	0
60	39	43	7.2	8.1	11.3	50.0	70.0	420	0.05	0

[Add Row](#) [Delete Row](#) [Delete All Rows](#) [Recalculate Fuel Moistures](#)

[Save](#) [Download FWX...](#) [View Percentiles...](#) [Generate ERC Time Series...](#) [Season Ending Graph...](#)