

201806 Fire US Data Sources

Geospatial Information and Remotely Sensed Imagery Products

July 5, 2018

Hazards Data Distribution System (HDDS)

<http://hddsexplorer.usgs.gov/> or <https://hddsexplorer.usgs.gov/fire/>

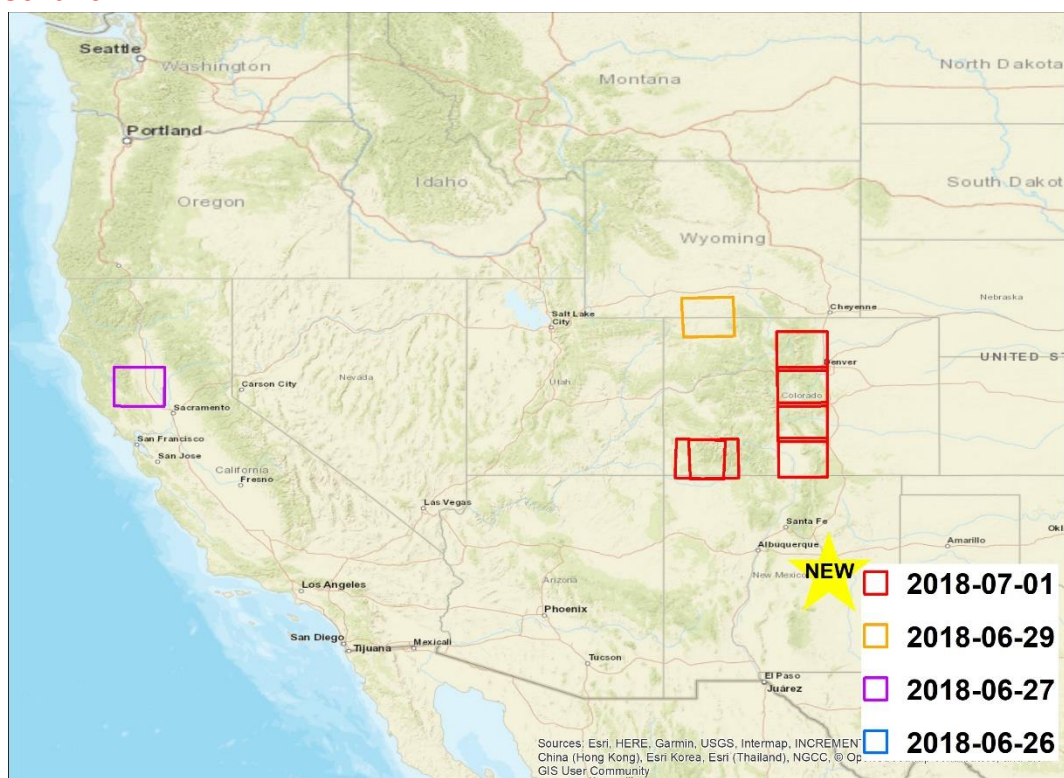
Select Event: **"201806_Fire_US"** → click on "+" and then "Search"

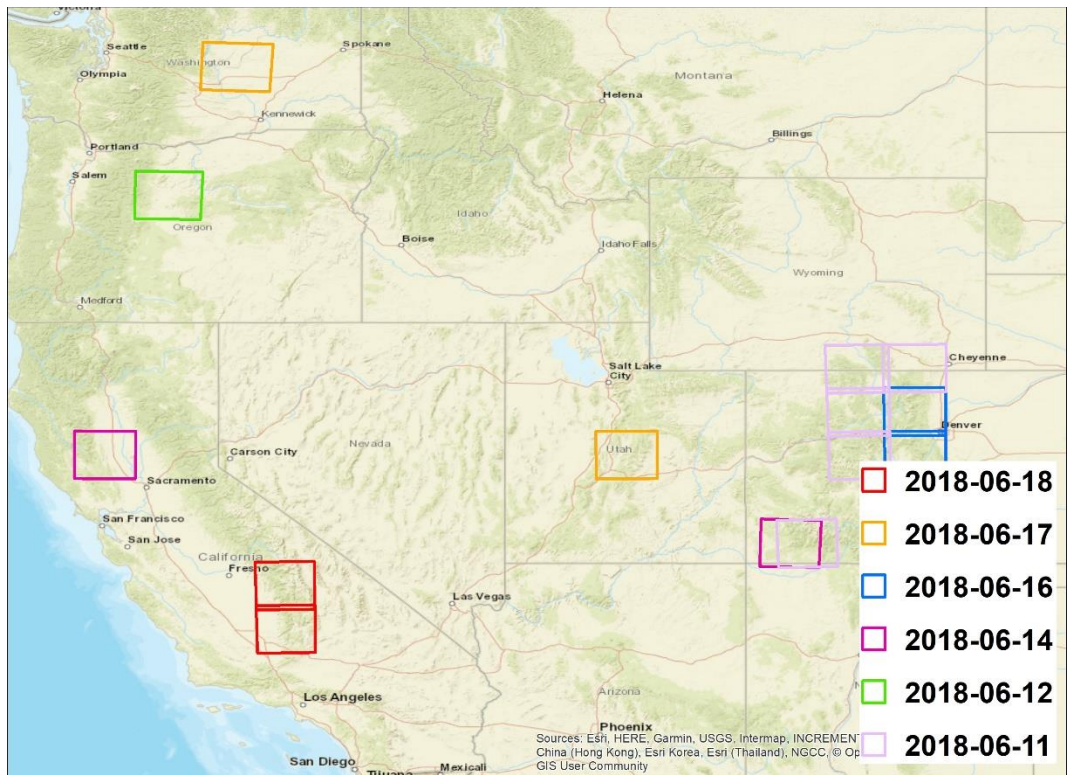
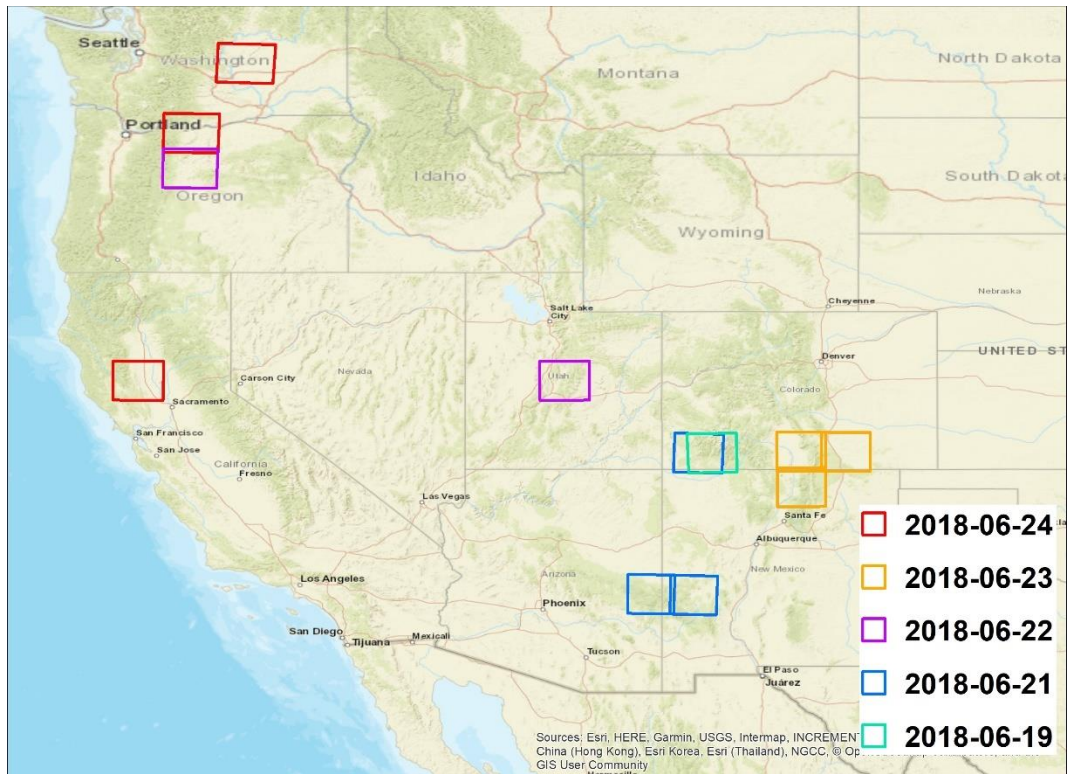
Download Shapefiles for image footprints

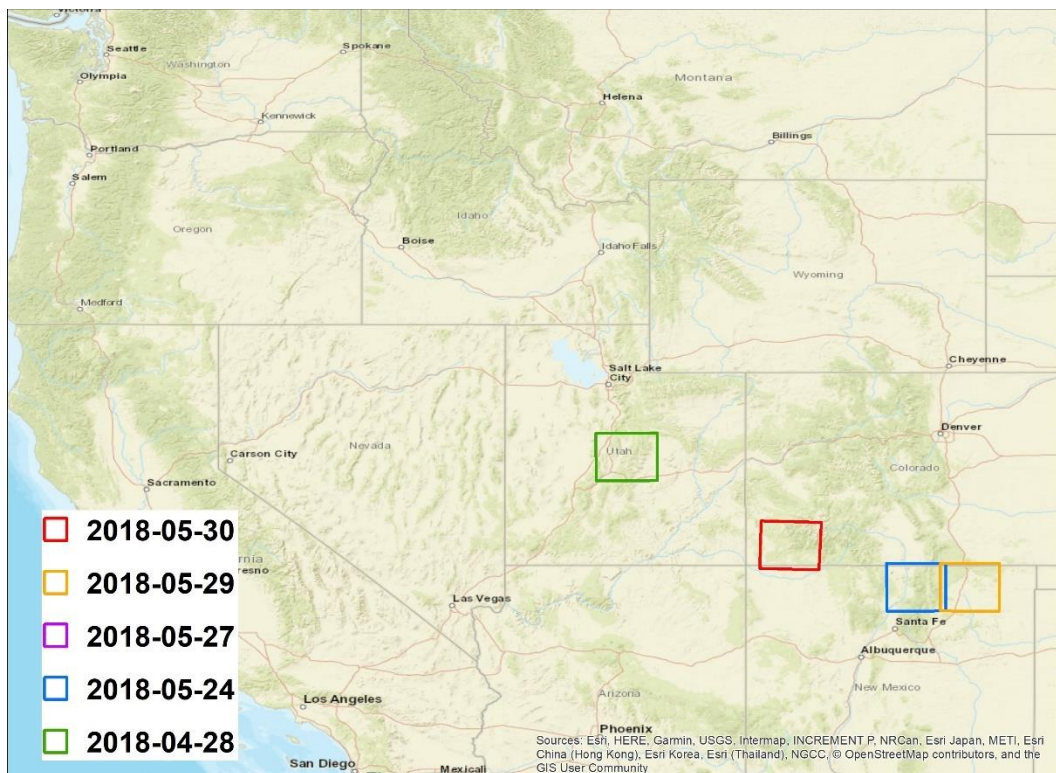
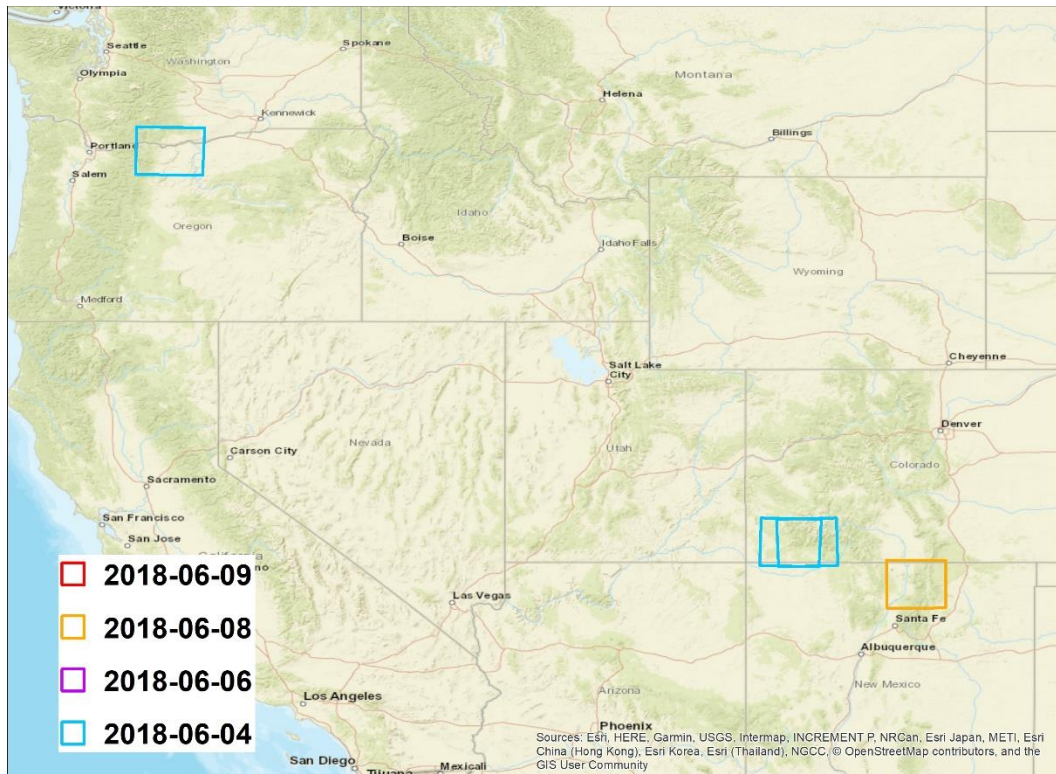
https://hddsexplorer.usgs.gov/data/list/disaster/201806_Fire_US/shapefiles/index

More information about HDDS: <http://hdds.usgs.gov/hazards-data-distribution-system-hdds>

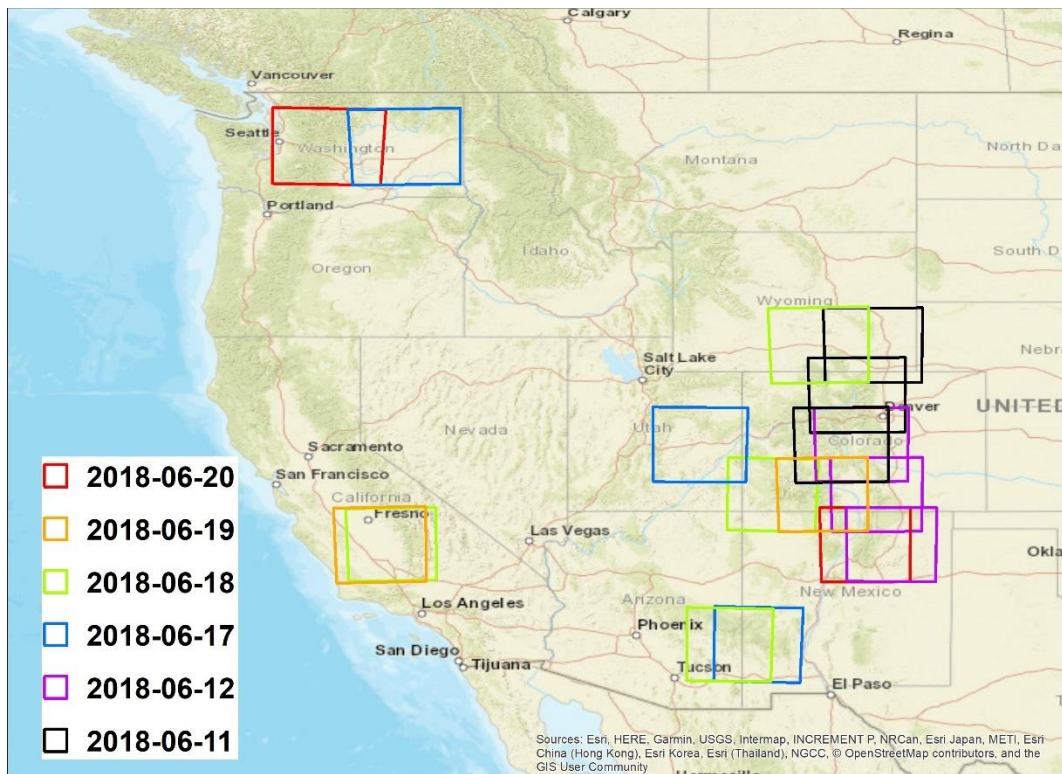
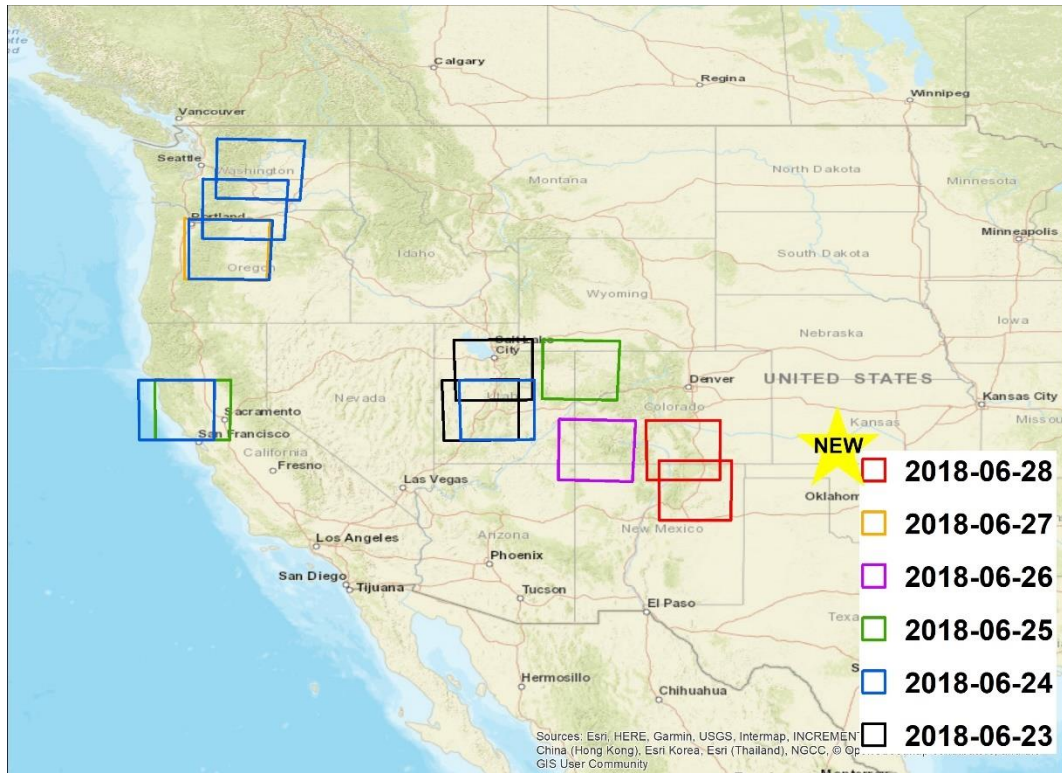
Sentinel-2

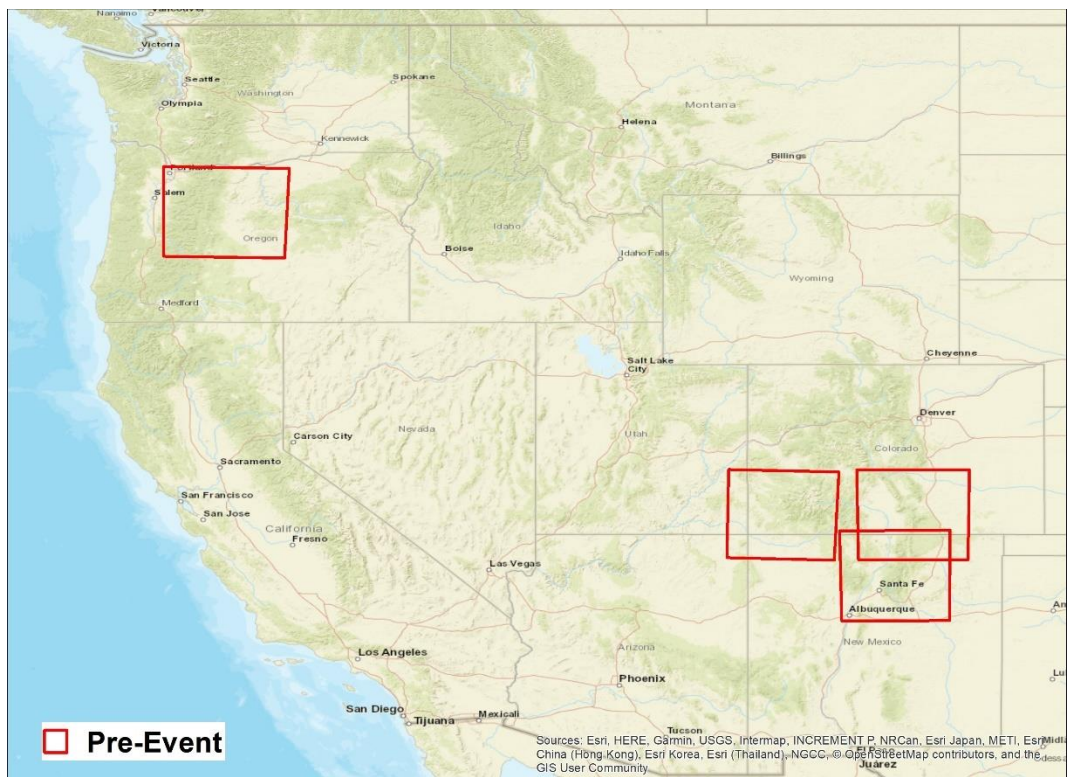
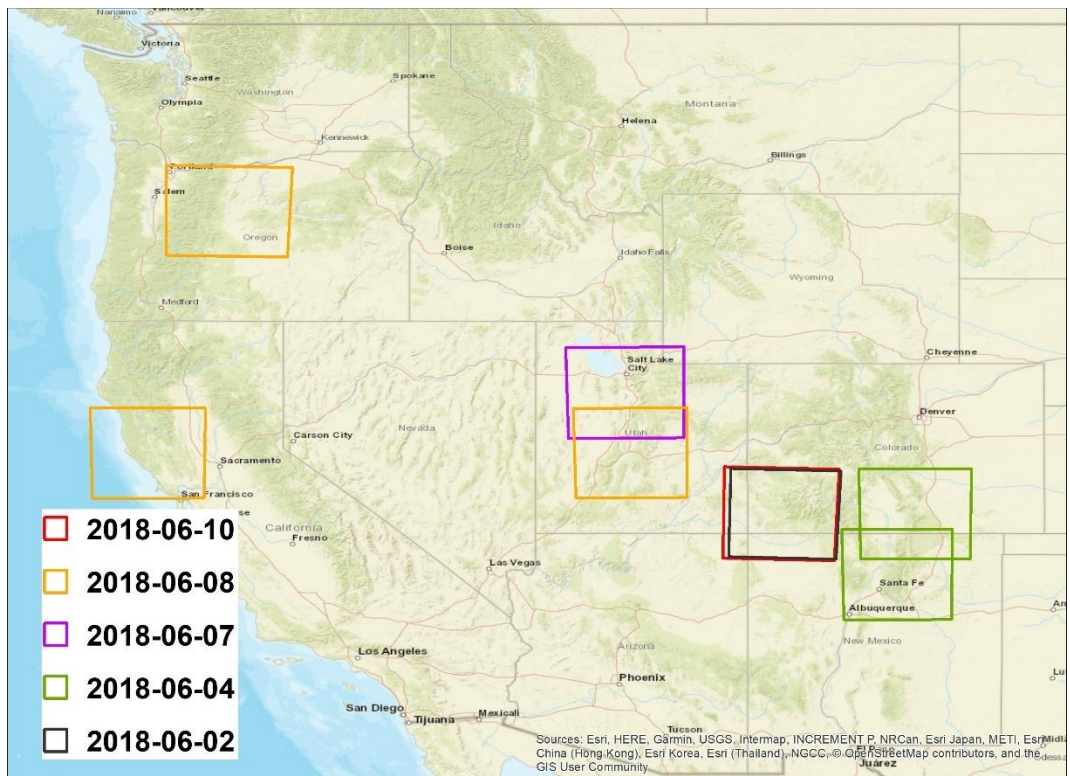




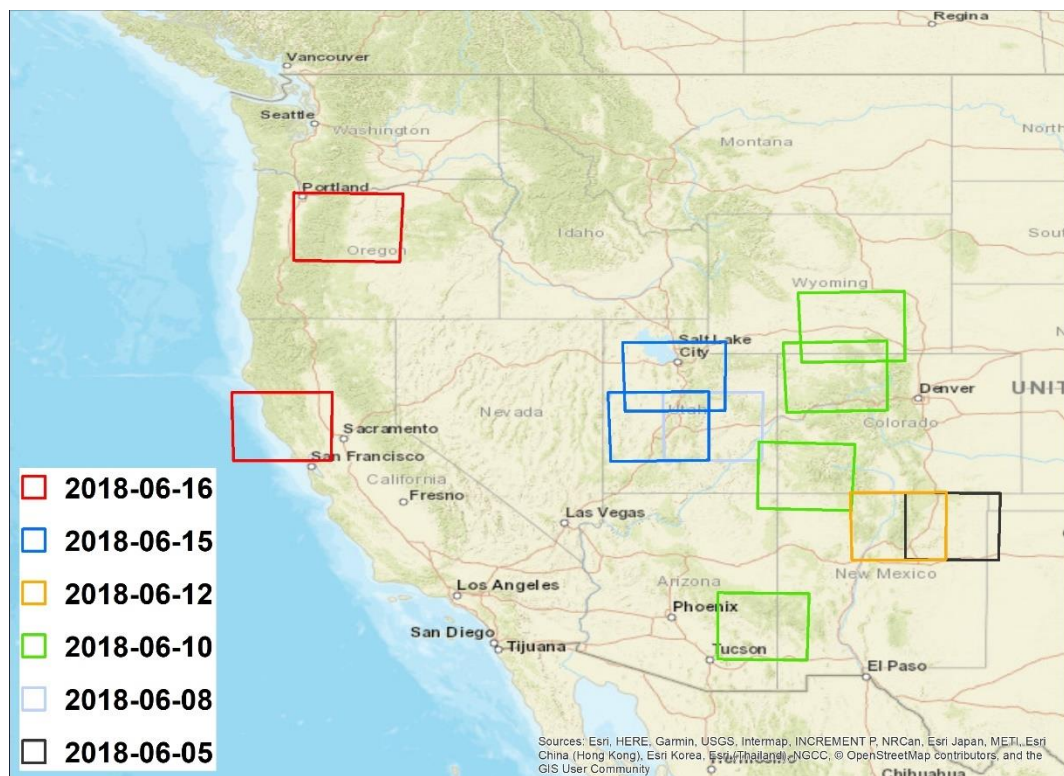
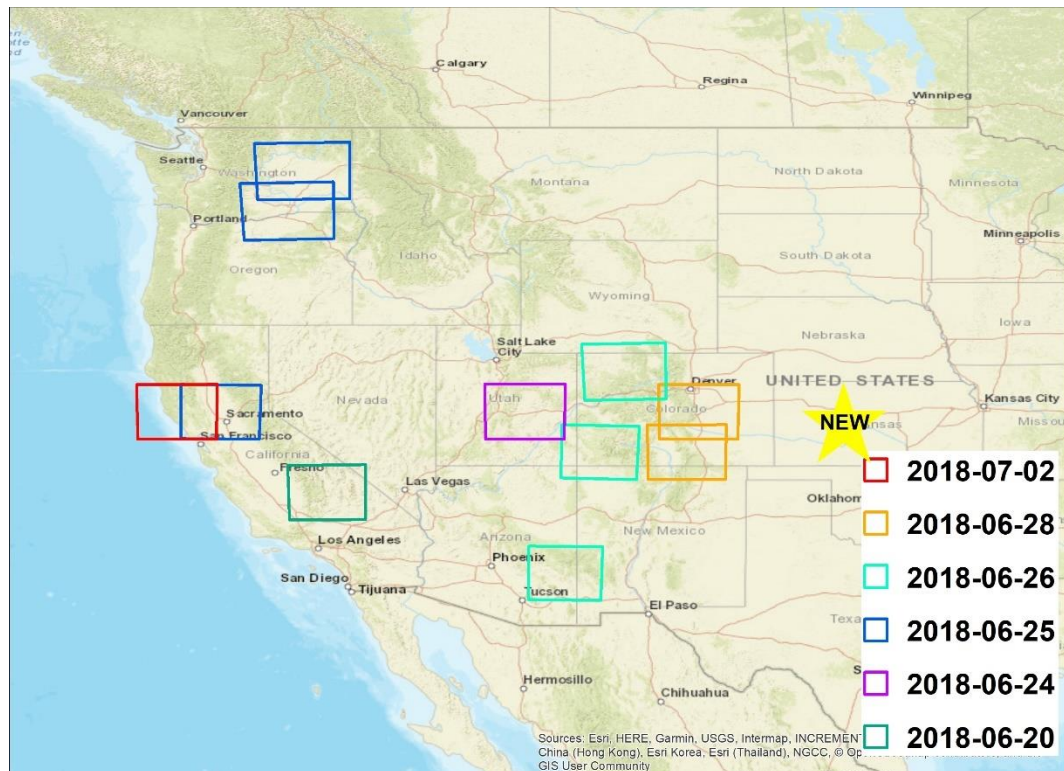


Landsat 8

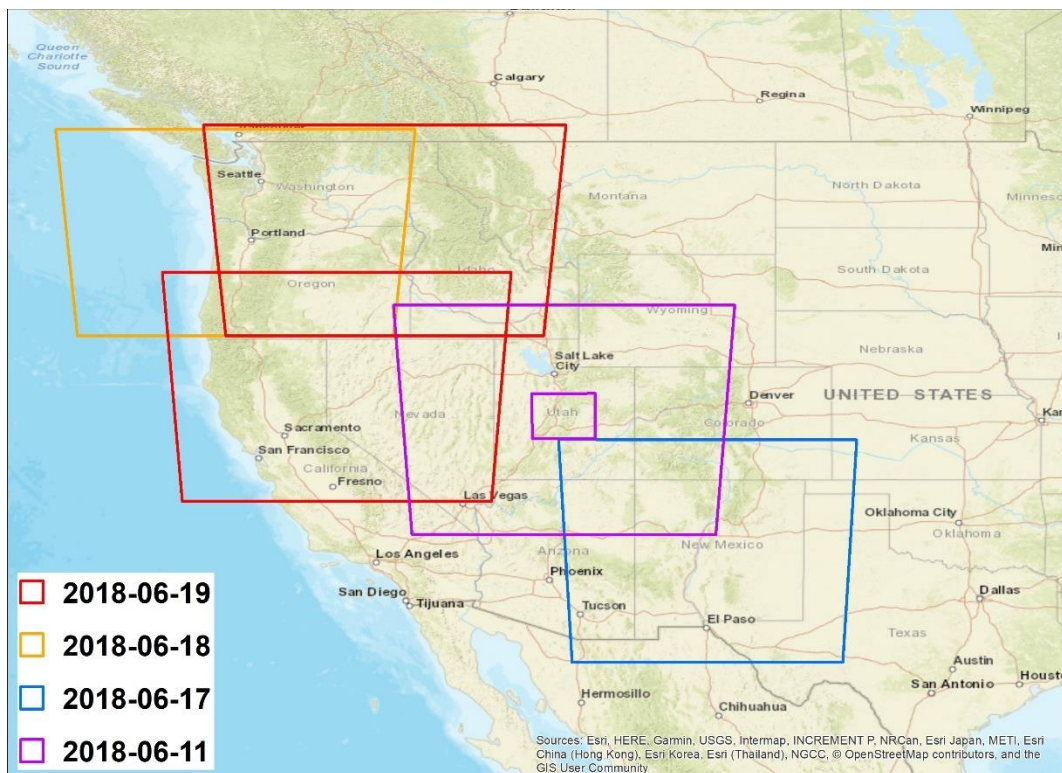
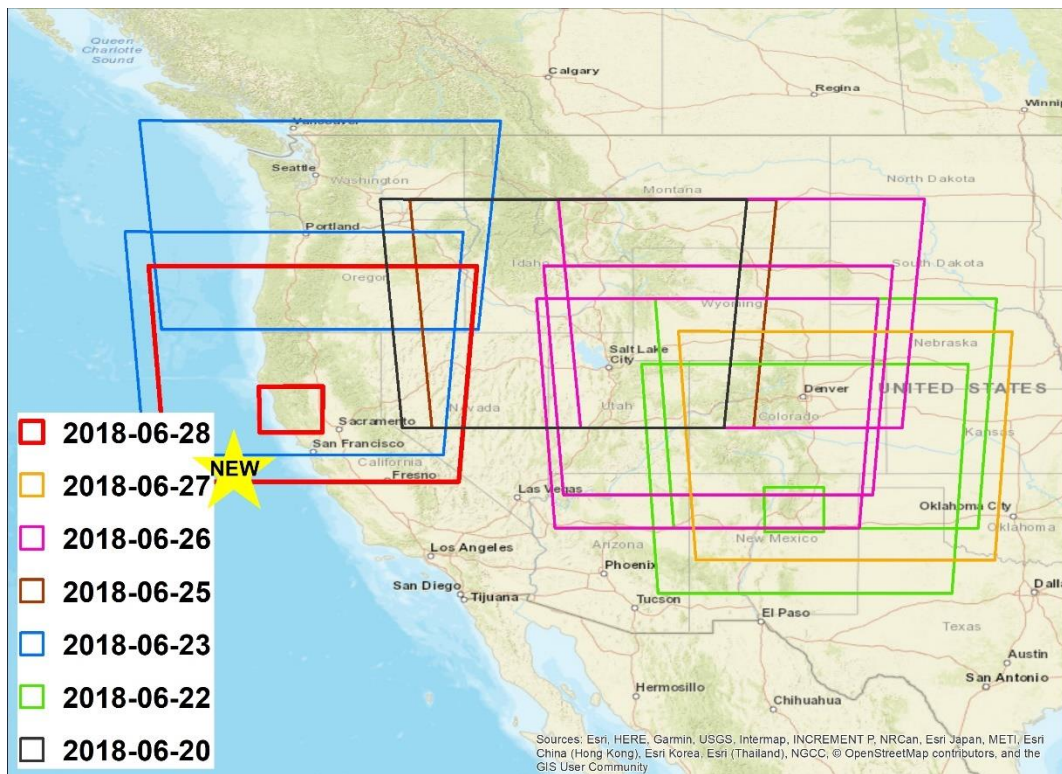


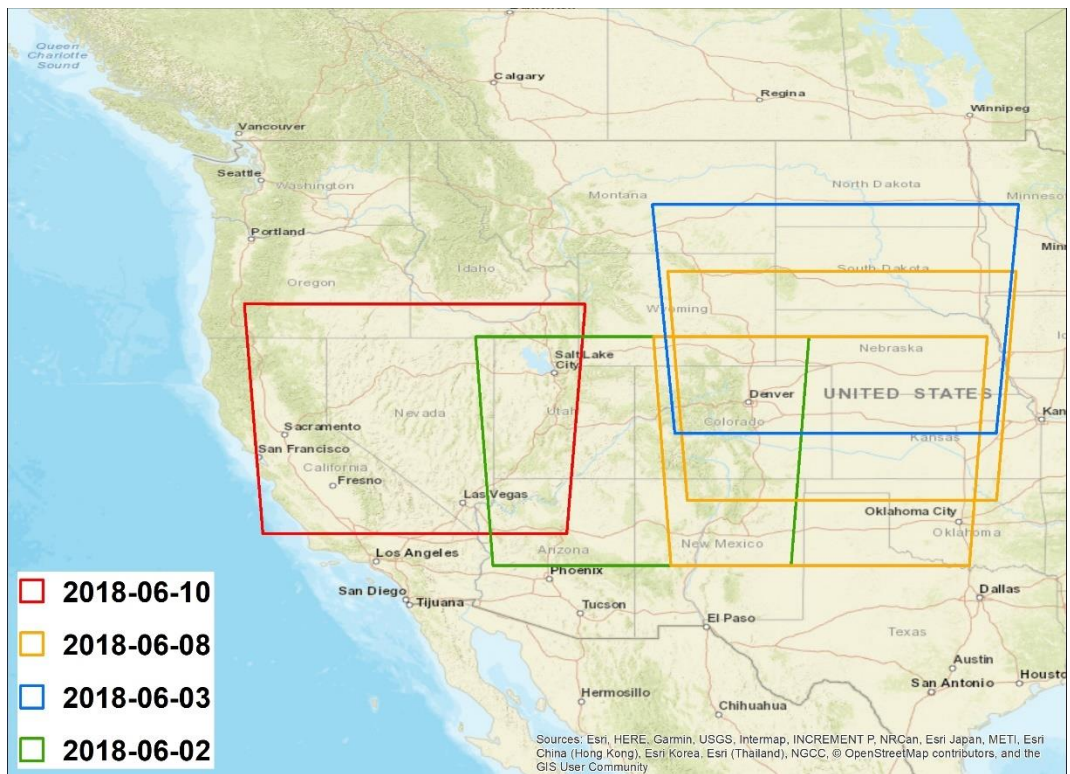


Landsat 7



ISRO AWiFS and LISS





TERRA ASTER



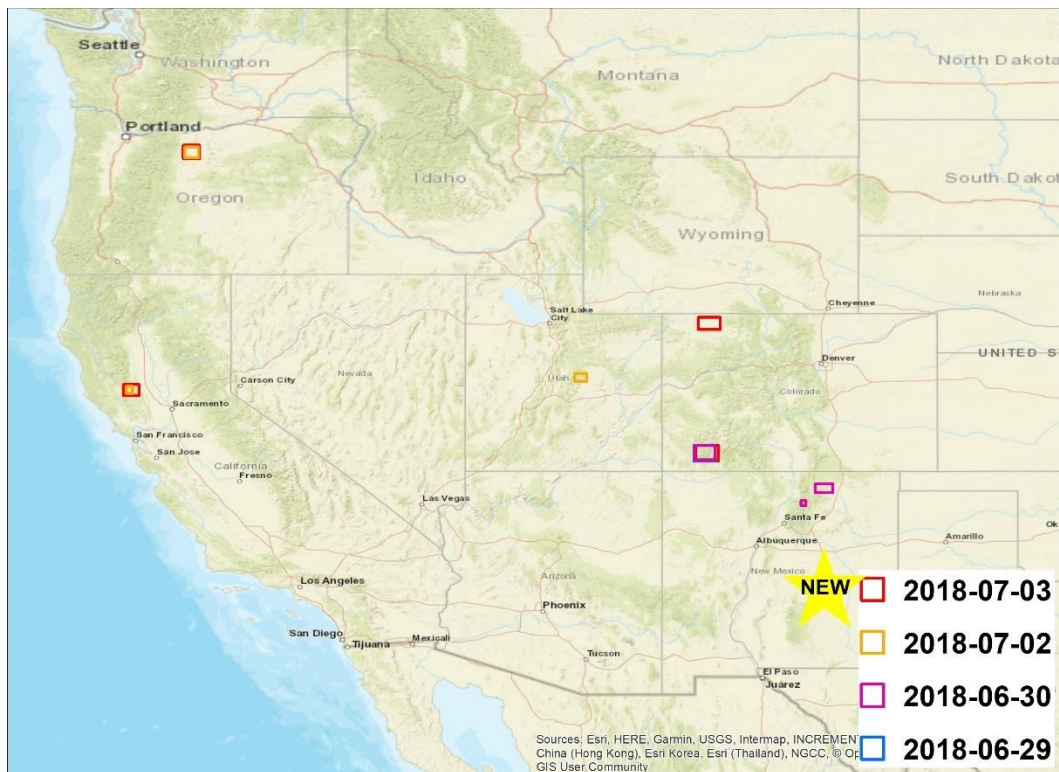
HDDS Restricted

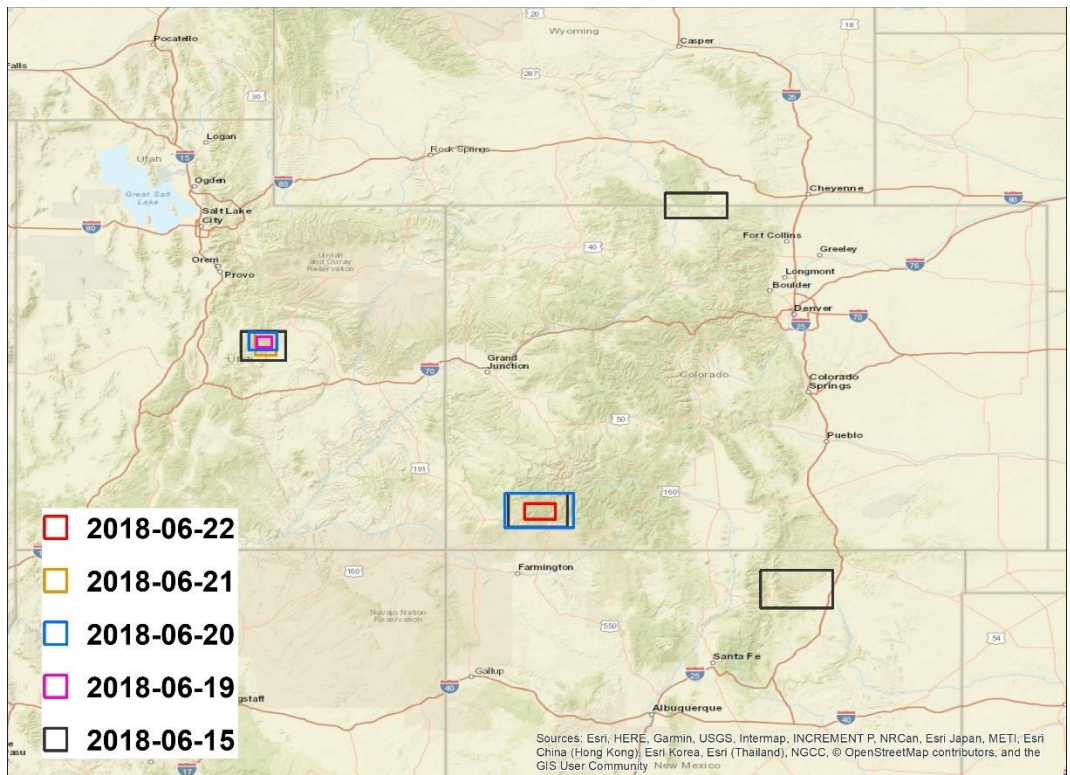
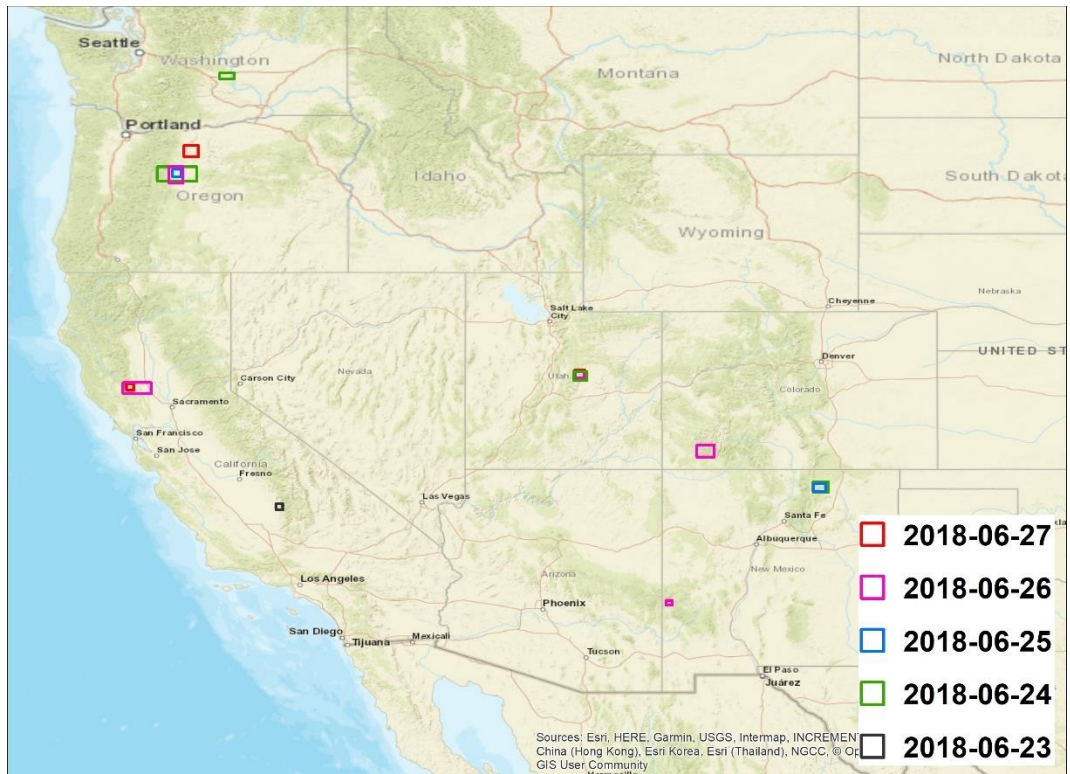
Self-Register for HDDS Restricted. <http://hddsexplorer.usgs.gov/>

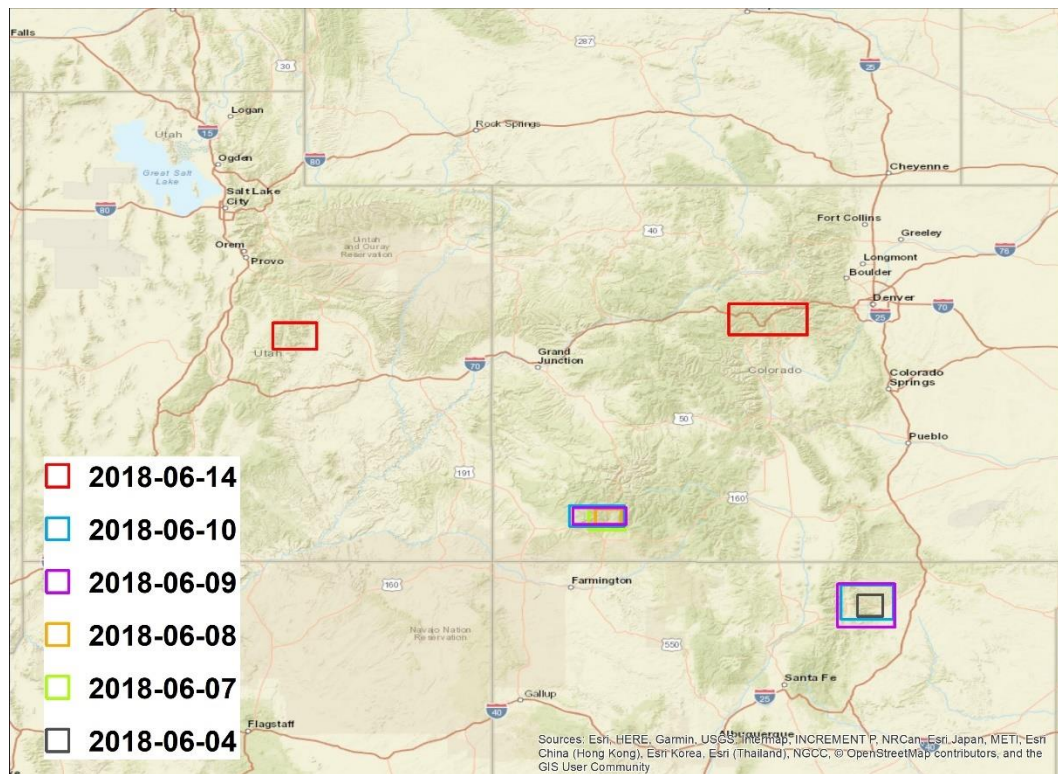
If you have not registered on either EarthExplorer or HDDS, click the register button in the top right corner of the screen and go thru the registration process. Once registered, you will have access to EarthExplorer and HDDS download capabilities. The first time you attempt to download restricted imagery, you will need to fill out an access request form for that event. Click on "Access" (upper right of HDDS screen), then select "To request access to restricted data click here". Select event from menu. Once granted access, you can download restricted imagery. (note: in most cases the restricted area contains licensed imagery, not all requests can be granted.)

Request access: https://hddsexplorer.usgs.gov/access/request?event=201804_Fire_US

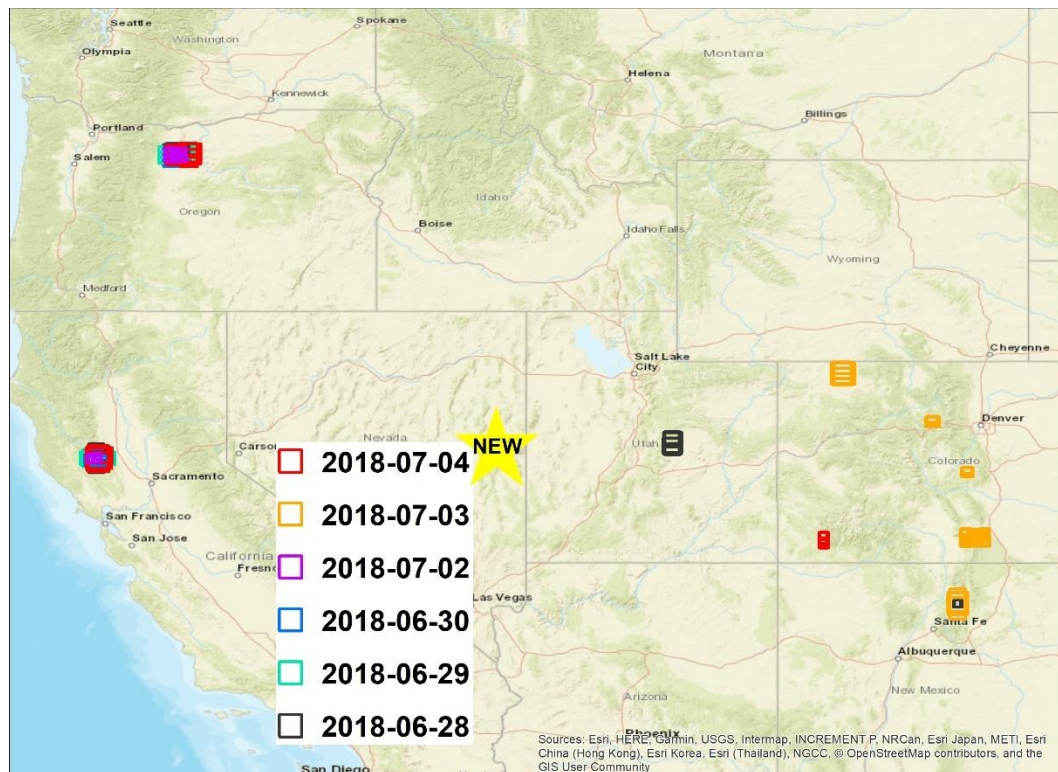
SPOT

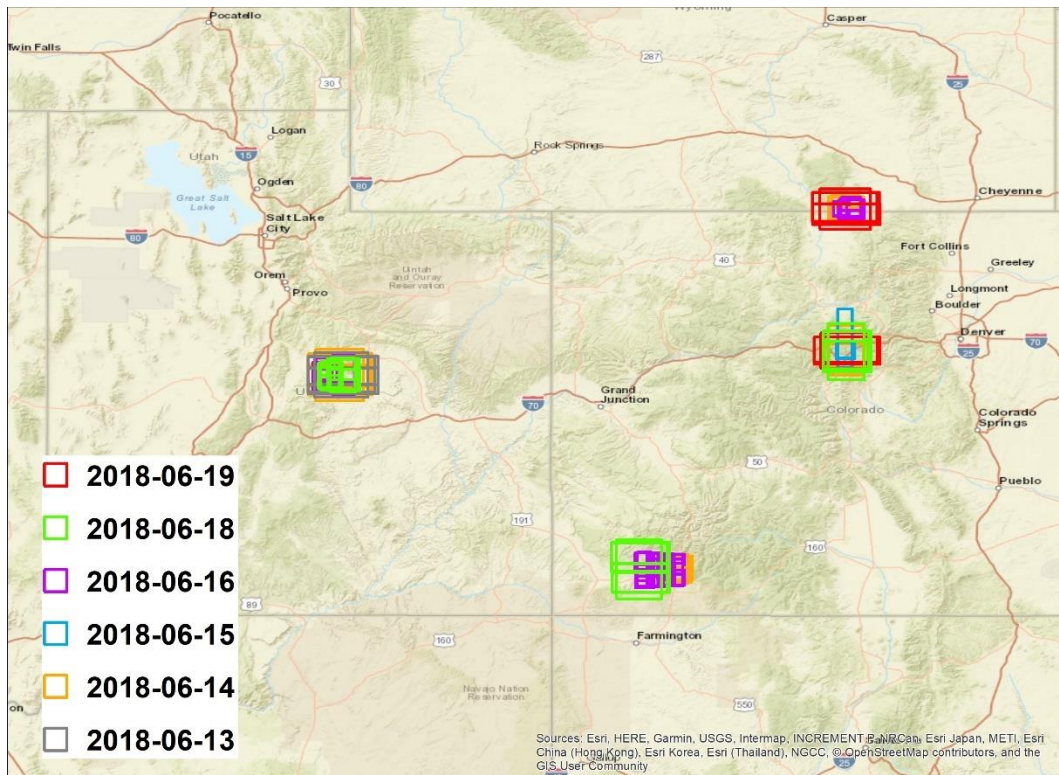
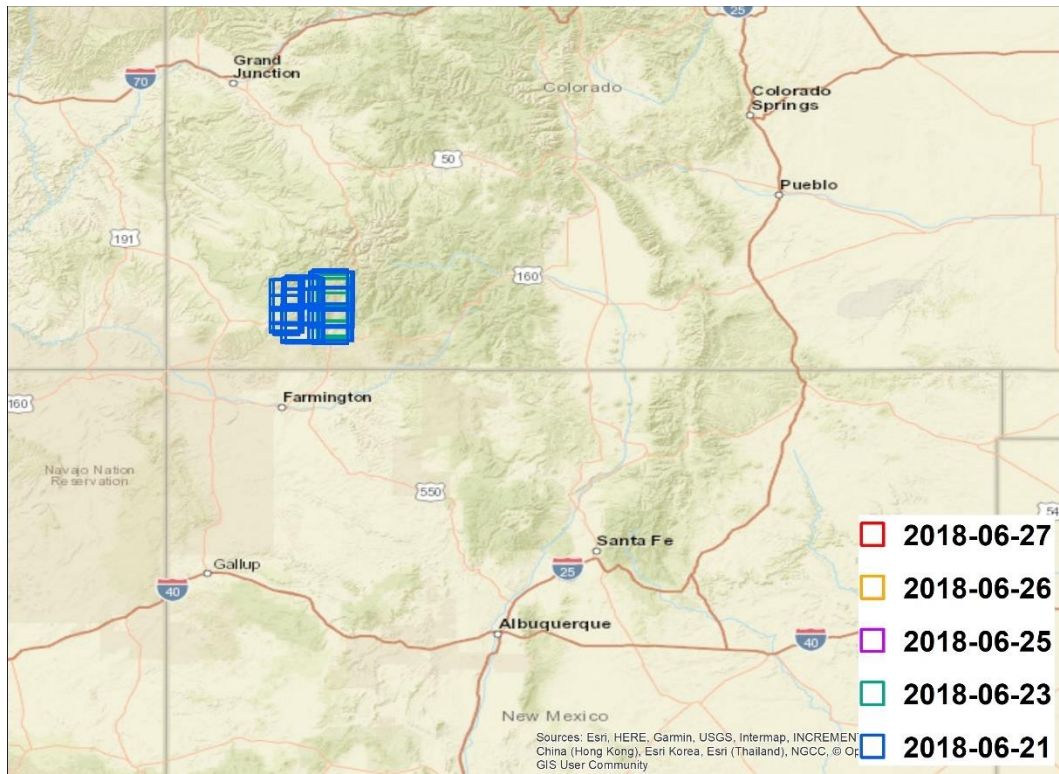


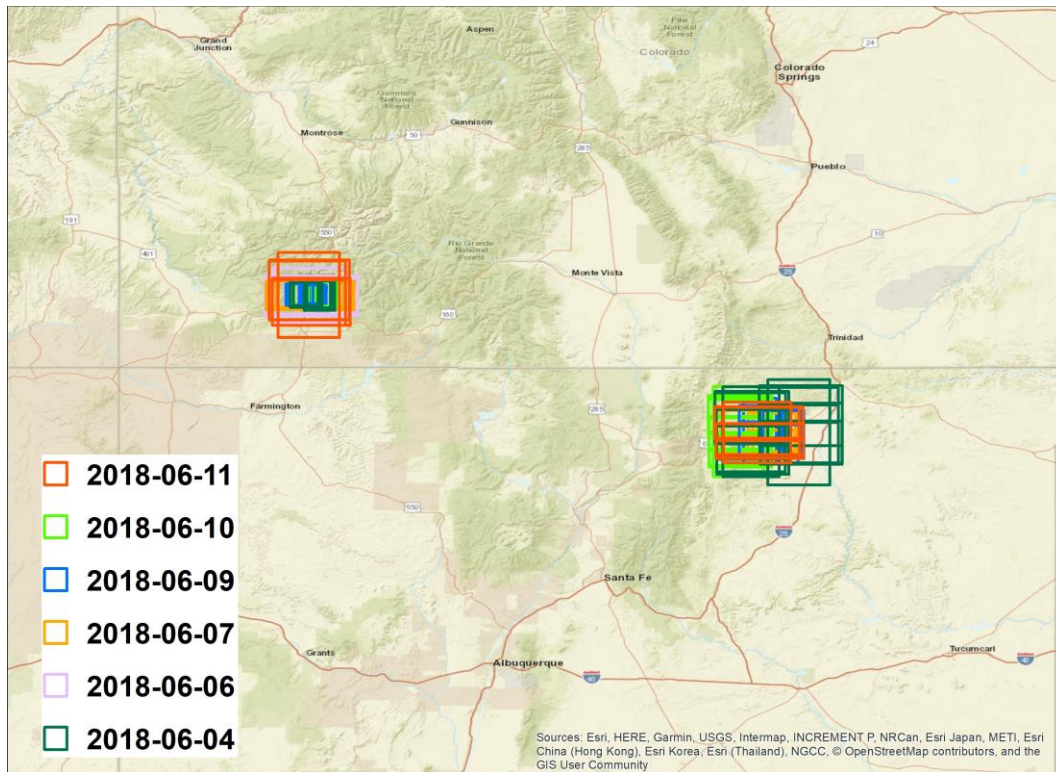




WorldView







HDDS Emergency Operations – Collection Management Tool (area of interest for disaster imagery collections) **Request new disaster related imagery here.**

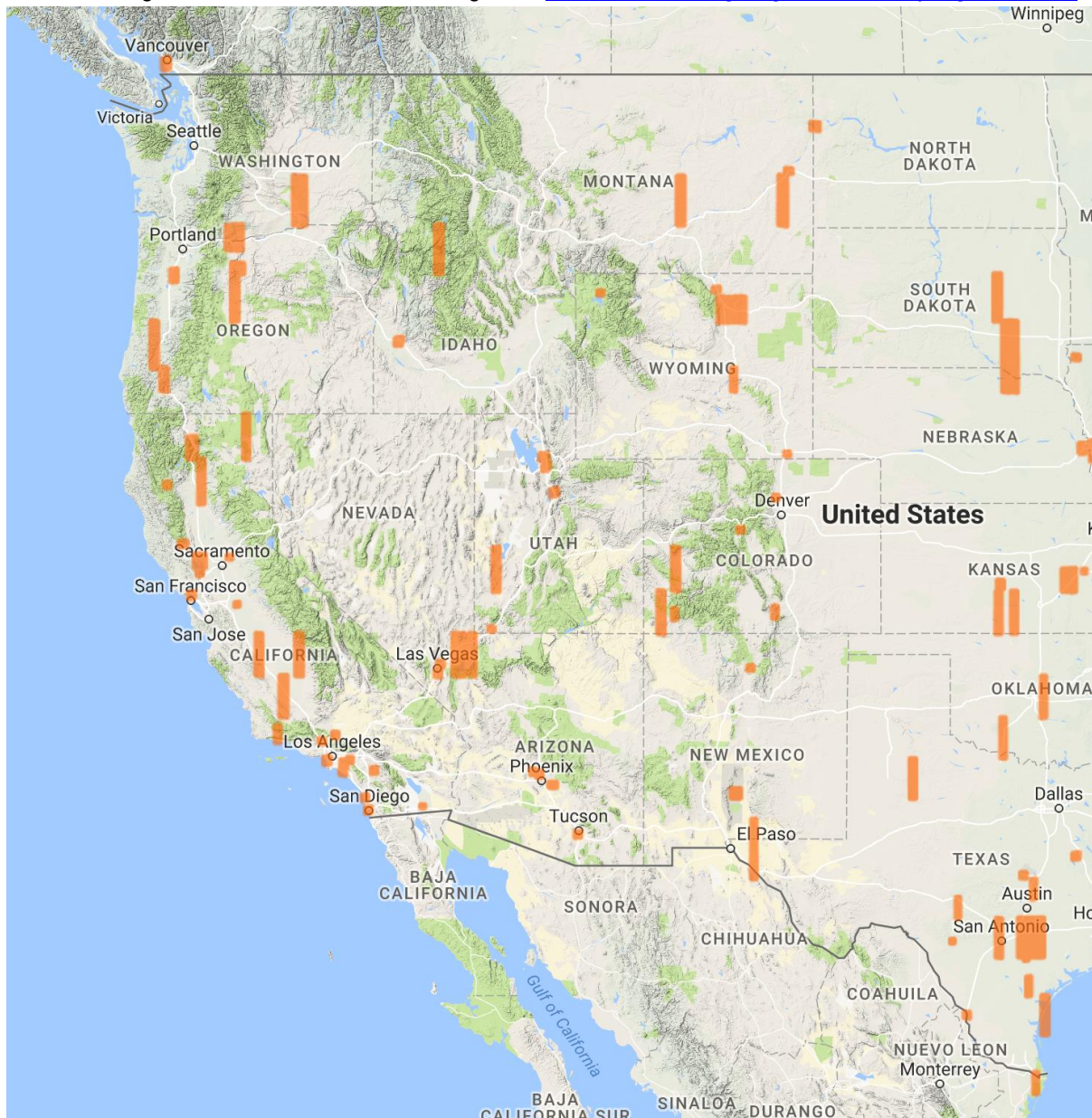
<http://cmt.usg.gov/>



End HDDS

Digital Globe Imagery

Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or .mil emails can self-register. <https://evwhs.digitalglobe.com/myDigitalGlobe/>



Imagery available from past 72 hours

Eagle Vision

<http://dev.evr2est.us/scenes/table> and <http://evr2est.us/>

Thumbnail	Site	Mission	License	Platform	GSD	Acquisition Date	
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	COUNTY_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	COUNTY_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	6 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	6 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	COUNTY_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1330 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	03Jul18 - 1330 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 7	6 m	03Jul18 - 1330 America/Chicago	Download KML
	Eagle Vision 3	DIVIDE_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	03Jul18 - 1245 America/Chicago	Download KML
	Eagle Vision 3	416_BURROW_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	03Jul18 - 1245 America/Chicago	Download KML
	Eagle Vision 3	DIVIDE_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	03Jul18 - 1245 America/Chicago	Download KML

	Eagle Vision 3	DIVIDE_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	03Jul18 - 1245 America/Chicago	Download KML
	Eagle Vision 3	416_BURROW_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	03Jul18 - 1245 America/Chicago	Download KML
	Eagle Vision 6	Drummond 2018_WI_Flooding WI US	Disaster Relief	SPOT 6	6 m	03Jul18 - 1157 America/Chicago	Download KML
	Eagle Vision 6	Drummond 2018_WI_Flooding WI US	Disaster Relief	SPOT 6	1_5 m	03Jul18 - 1157 America/Chicago	Download KML
	Eagle Vision 6	Drummond 2018_WI_Flooding WI US	Disaster Relief	SPOT 6	1_5 m	03Jul18 - 1157 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	PAWNEE_FIRE CA US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	BOXCAR_0410_RN OR US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1345 America/Chicago	Download KML
	Eagle Vision 3	TRAIL_MOUNTAIN_FIRE UT US EV3_FIRES_2018	Disaster Relief	SPOT 7	6 m	02Jul18 - 1300 America/Chicago	Download KML
	Eagle Vision 3	TRAIL_MOUNTAIN_FIRE UT US EV3_FIRES_2018	Disaster Relief	SPOT 7	1_5 m	02Jul18 - 1300 America/Chicago	Download KML
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	Eagle Vision 6	Alotenango Fuego_Volcano NA GT	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1124 America/Chicago	Download KML
	Eagle Vision 6	Alotenango Fuego_Volcano NA GT	Disaster Relief	SPOT 6	1_5 m	02Jul18 - 1124 America/Chicago	Download KML
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	Eagle Vision 3	SARDINAS_CANYON NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	UTE_PARK_FIRE NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	SARDINAS_CANYON NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	UTE_PARK_FIRE NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	UTE_PARK_FIRE NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	SARDINAS_CANYON NM US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1230 America/Chicago	Download KML
	Eagle Vision 3	416_BURROW_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1215 America/Chicago	Download KML
	Eagle Vision 3	416_BURROW_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	1_5 m	30Jun18 - 1215 America/Chicago	Download KML
	Eagle Vision 3	416_BURROW_FIRE CO US EV3_FIRES_2018	Disaster Relief	SPOT 6	6 m	30Jun18 - 1215 America/Chicago	Download KML

NIFC Enterprise Geospatial Portal

For the Fire Community

<https://egp.nwcg.gov/egp/default.aspx>

Users can register for an account on the splash page. NIFC will vet your access before issuing an account.

For the Public

<https://maps.nwcg.gov/>

FS Fire Data Web Services

<https://fsapps.nwcg.gov/afm/wms.php>

Fire Perimeters

https://rmgsc.cr.usgs.gov/outgoing/GeoMAC/current_year_fire_data/current_year_all_states/

<https://rmgsc.cr.usgs.gov/ArcGIS/rest/services>

InciWeb

<http://inciweb.nwcg.gov/>

US Wildfire Activity Public Information Map (ESRI ArcGIS)

<http://www.arcgis.com/apps/PublicInformation/index.html?appid=4ae7c683b9574856a3d3b7f75162b3f4>

Air Now (Air Quality)

<https://www.airnow.gov/>

Forest Service Active Fire Mapping

<https://fsapps.nwcg.gov/afm/#>

RemotePixel Viewer (Landsat-8, Sentinel-2 and CBERS-4 data viewer powered by AWS Lambda) (Use Chrome or FireFox)

https://viewer.remotepixel.ca/?gl_size=256&raster_size=256&format=jpeg&sceneid=S2B_tile_20180611_12SYC_0&pmin=2&pmax=98&rgb=12,8A,04#9.77/33.7662/-108.5347

Sentinel-2 / Shortwave Infrared / Buzzard Fire

ESA Sentinel Imagery (Use Chrome or FireFox)

Sentinel data-playground- additional band combinations to choose from as compared to the eo-browser. (Viewer)

https://apps.sentinel-hub.com/sentinel-playground/?source=S2&lat=34.15545432624155&lng=-108.23181085288524&zoom=7&preset=4_AGRICULTURE&layers=B01,B02,B03&maxcc=78&gain=1.0&gamma=1.0&time=2015-01-01%7C2018-05-24&atmFilter=&showDates=false

Pre-Event NAIP Imagery Download NAIP by County:

<https://nracs.app.box.com/v/naip/>

Send comments, additions, and corrections to:

Ran Goldblatt

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ran.goldblatt@associates.fema.dhs.gov

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