



National Infrared Operations Update

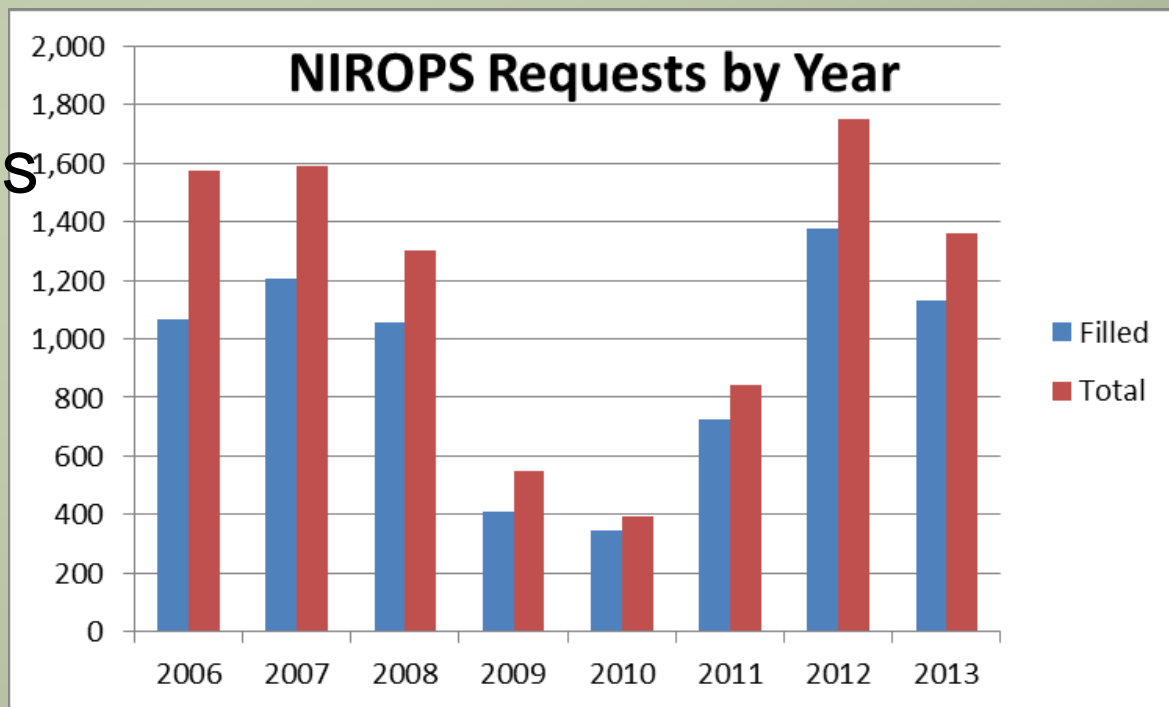
TFRSAC Spring 2014

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2013 NIROPS Requests

- Acreage burned was 60% of the 10 year average (and 44% of 2012)
- Still a busy season
- Third highest number of orders filled after 2012 and 2007
- 1,362 total requests
- 1,129 filled
- UTF rate of 17% (10% for non-weather)

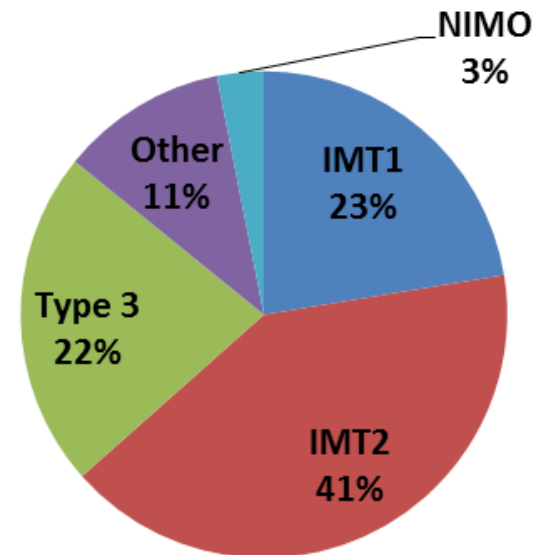




Who is Requesting?

- 2013 was the first year we captured this information on the flight requests
- Very good response
- Need to make sure info is updated for transitions

NIROPS Flight Requests



Timely Delivery of Products

- Many IMTs looking for IR products at 0400/0430 for incorporation into AM briefing maps
- Flight schedule (and thus delivery schedule) can change nightly
 - Last flown fire may be first the next night
- *Planned* Flight schedule usually set by 2100 MDT
- IRIN may not get imagery until 0330 or later
- IRINs urged to set up communication protocol (text/call when posted)



Example – August 22, 2013 144Z

- 17 fires in 5 GACCs
- 149Z also flew 5 fires
 - Only one leg – pilot duty hour limit
- 22 fires covered by 11 interpreters
- “Needs of the many outweigh the needs of the few”
- NIROPS is a national resource, not an incident-specific resource



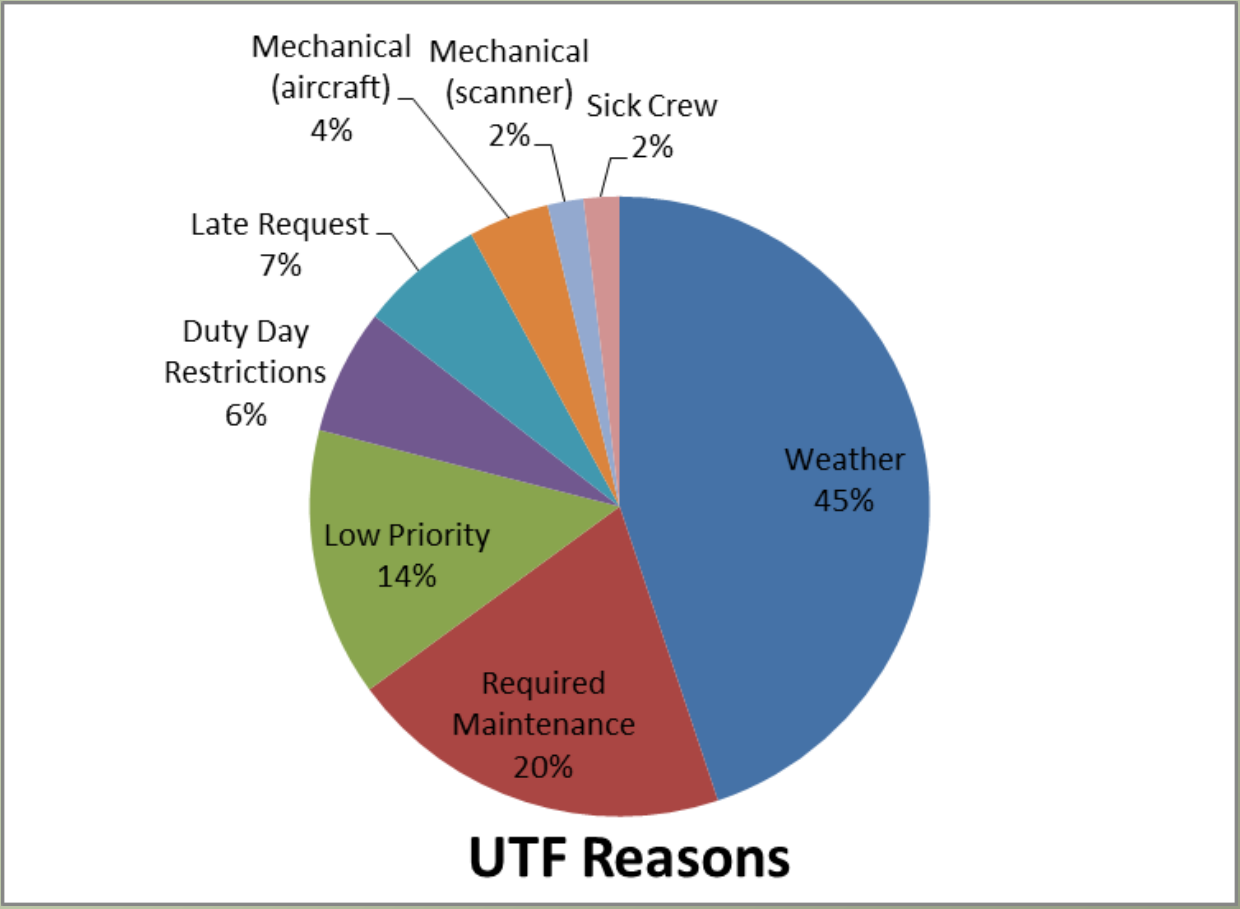
Extended Support to numerous incidents

- Butler/Forks (CA) – 45 flights
- Gold Pan Complex (MT) – 40 flights
- Rim (CA) – 37 flights
- Corral Complex (CA) – 35 flights
- Big Windy Complex (OR) – 32 flights
- Silver (NM) – 31 flights
- Labrador (OR) – 30 flights
- Whiskey Complex (OR) – 29 flights
- Papoose (ID) – 28 flights
- Thunder City (ID) – 28 flights



UTFs (Unable to Fill) in 2013

- 214 total UTFs
- UTF rate drops from 17% to 10% when weather UTFs are not counted





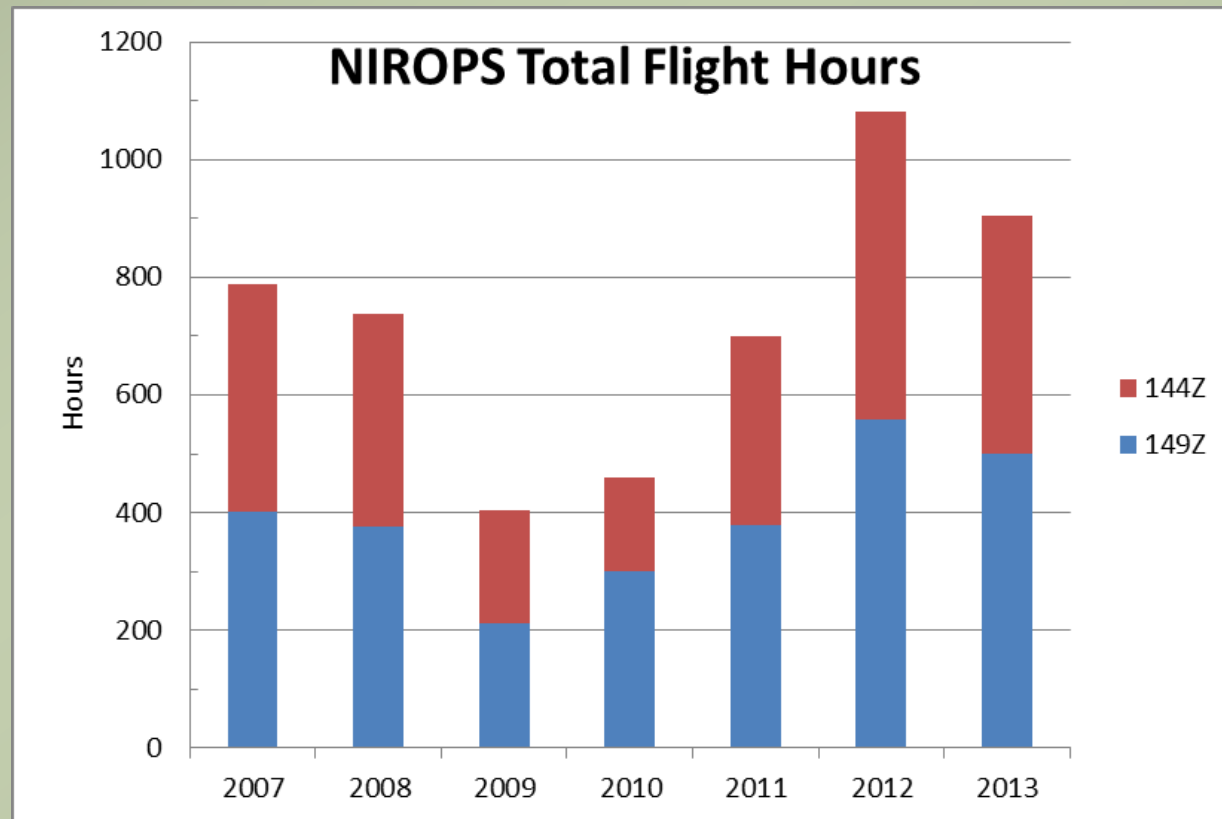
Notification of UTFs

- Starting last year added a field to scanner order for SITL email
- This year automatic email will be sent to IRIN and SITL when flight is UTF'd (along w/ UTF reason)
- Could be @ 1700/1800 MDT when mission plan is developed or later for WX or mechanical
- Set up communication protocol for later UTFs



2013 NIROPS Flight Hours

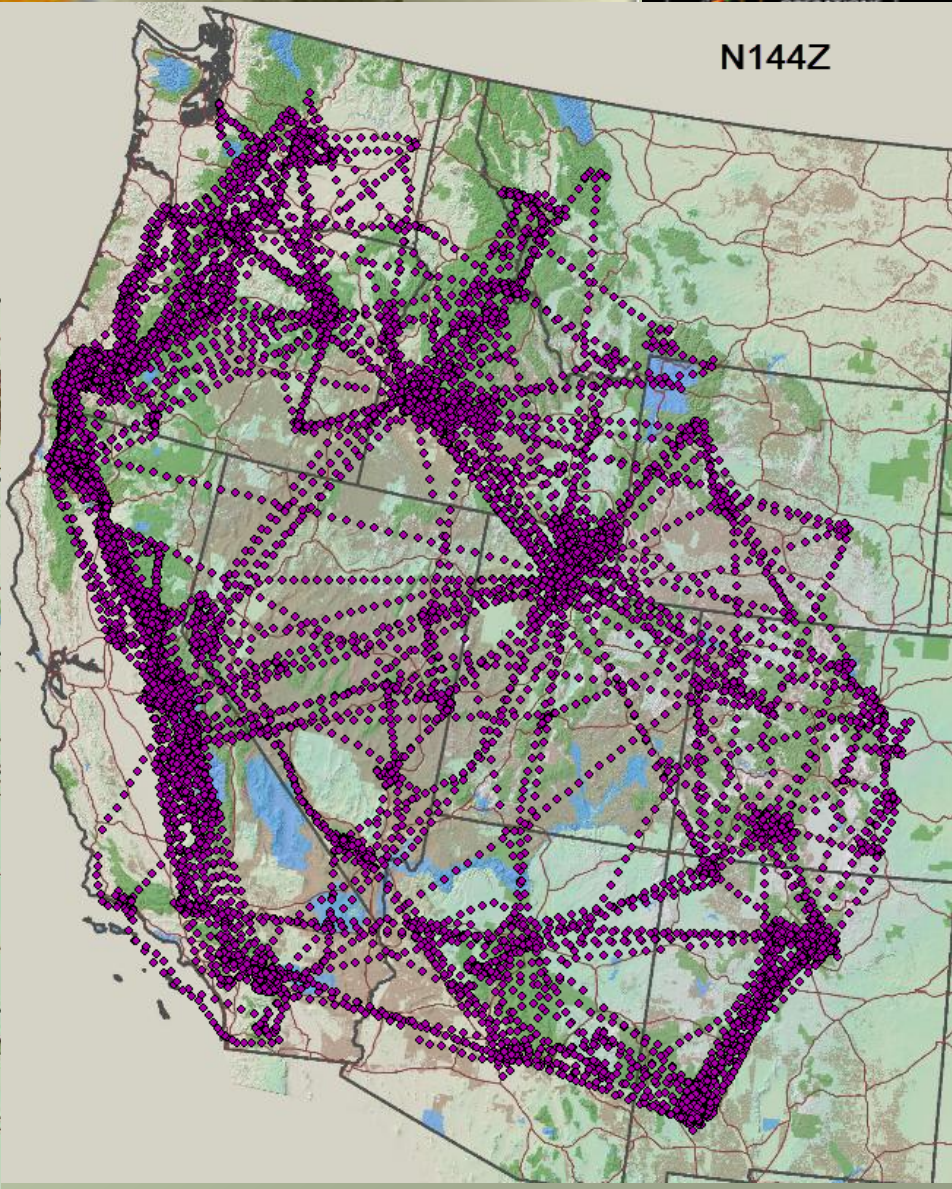
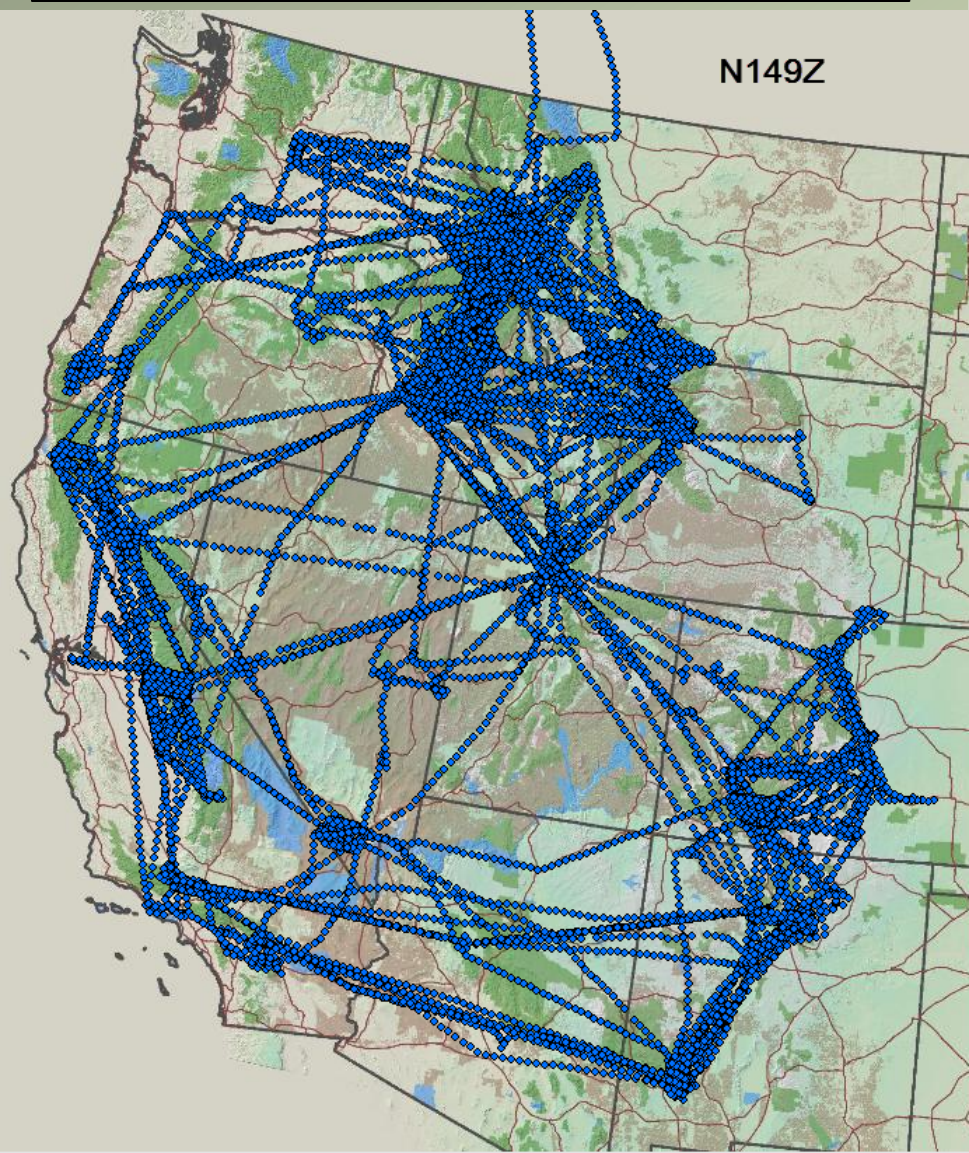
905 hours flown



NATIONAL INFRARED OPERATIONS



N149Z – 529 requests filled in 2013



N144Z – 564 requests filled in 2013

NATIO

9/2013

Strait of Juan de Fuca

Washington

North Dakota

Montana

Oregon

Idaho

South

Wyoming

Ne

Colorado

Utah

Nevada

California

New Mexico

Arizona

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Image Landsat

Google earth

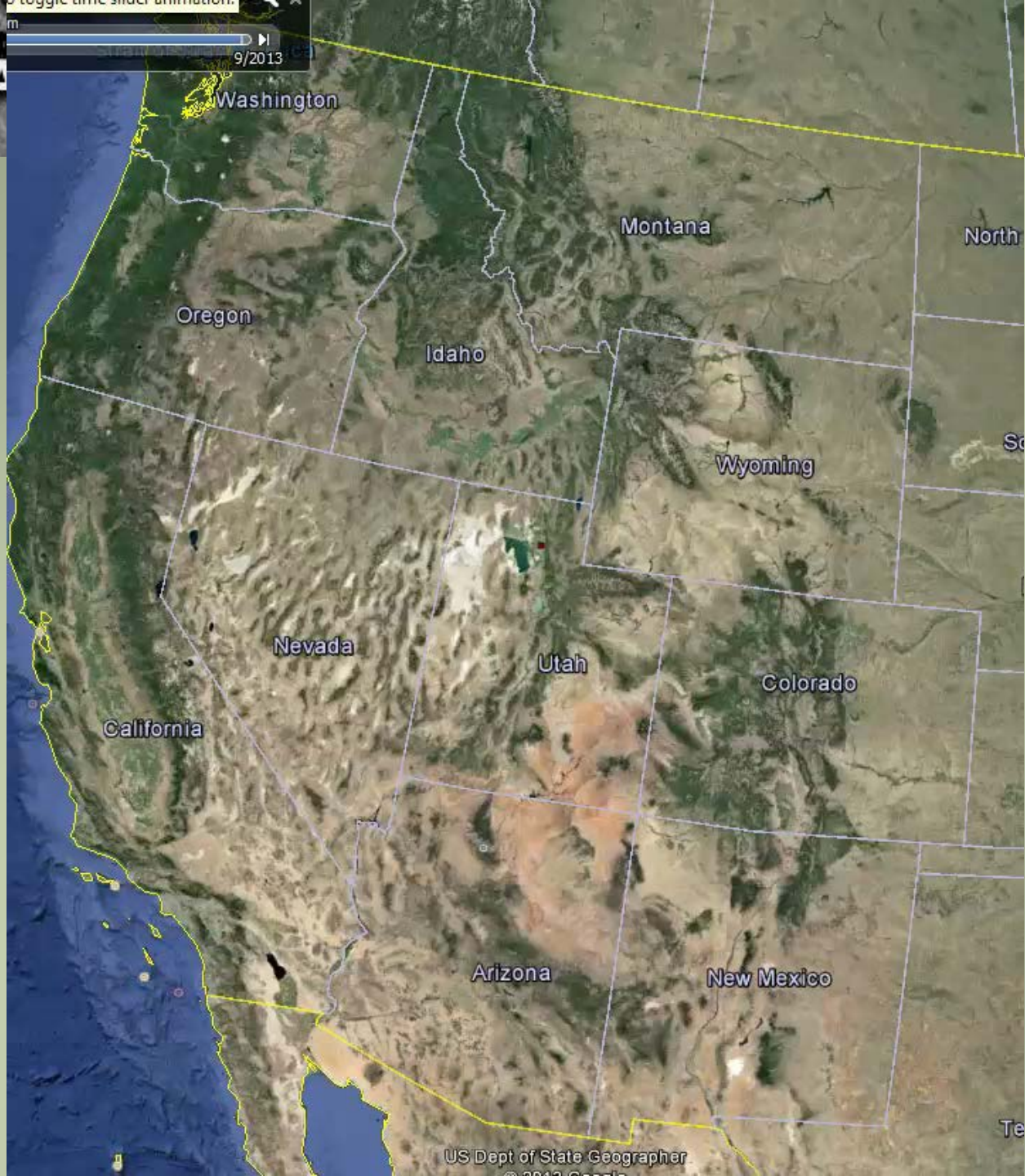


N149Z



NATIONAL

toggle time slider animation
9/2013



N144Z

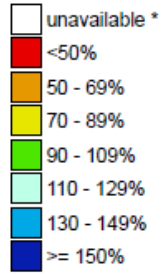


Apr 22, 2014

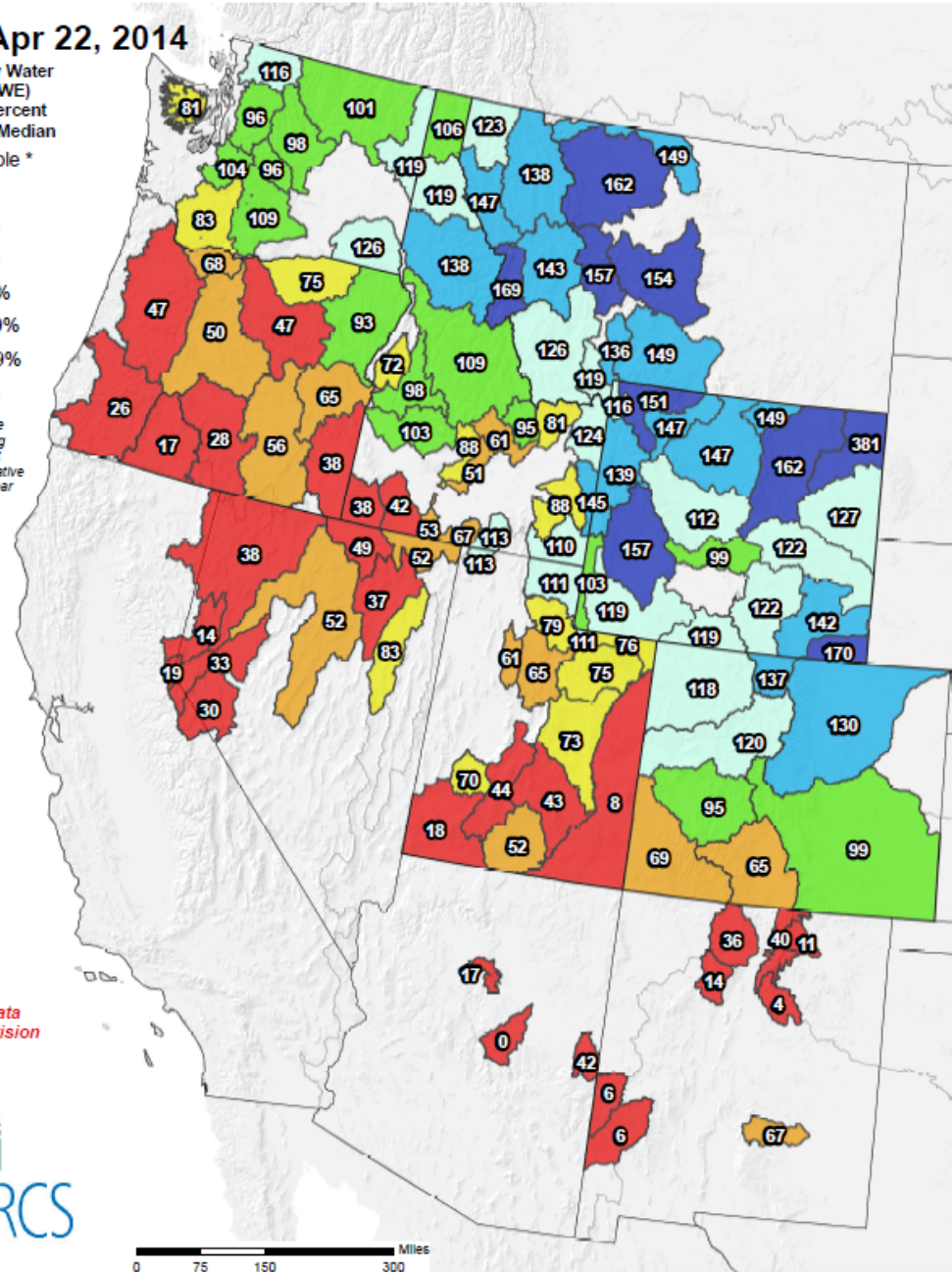
2014 Fire Season has begun

- Colby Fire, CA - 2 nights (1/18-19)
- Brown Fire, AZ – 2 nights (4/16-17) flown with AMS!

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



* Data unavailable at time of posting or measurement is not representative at this time of year



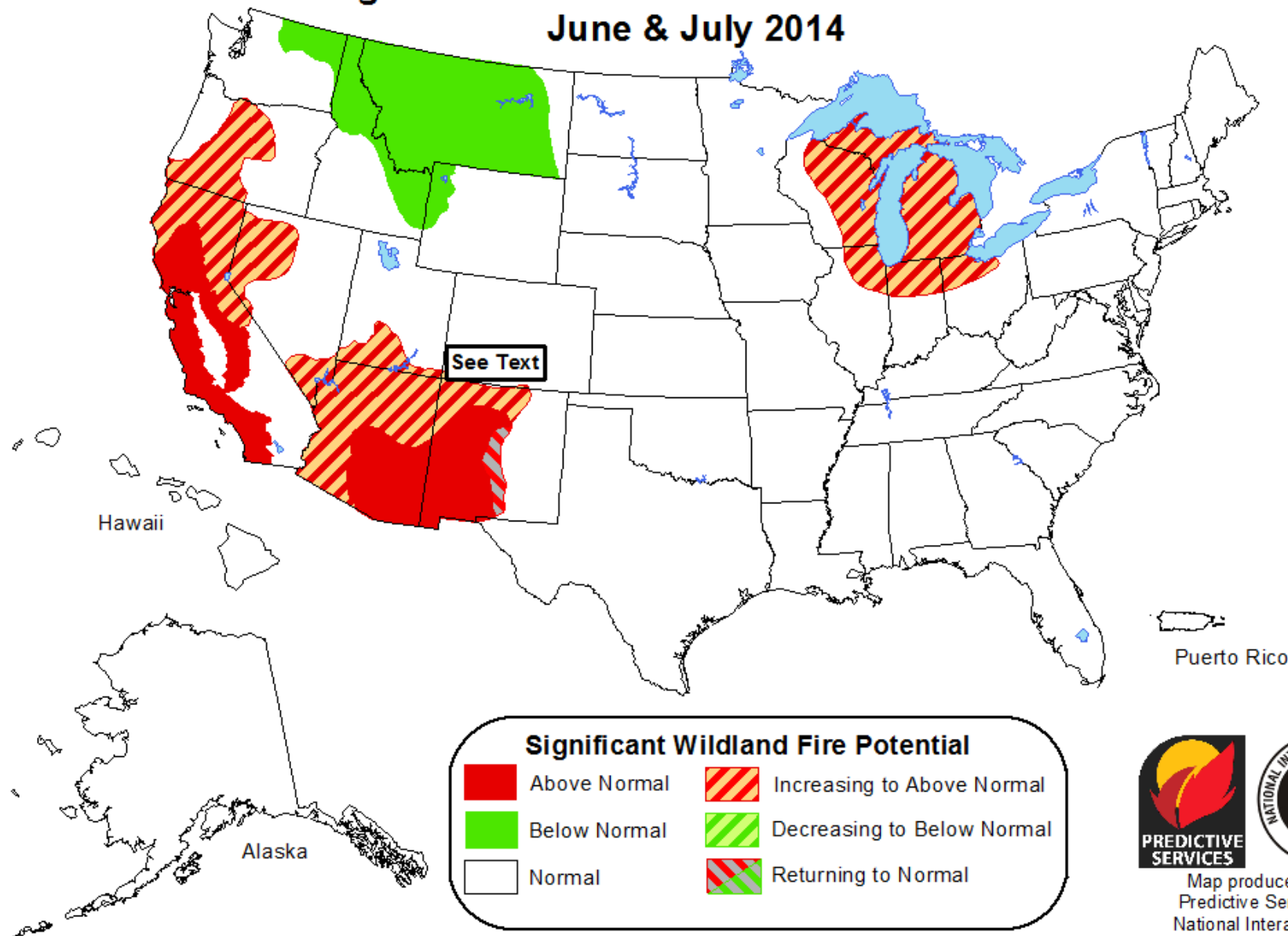
Provisional data subject to revision



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

Prepared by: USDA/NRCS National Water and Climate Center Portland, Oregon <http://www.wcc.nrcs.usda.gov>

Significant Wildland Fire Potential Outlook June & July 2014



Significant Wildland Fire Potential

	Above Normal		Increasing to Above Normal
	Below Normal		Decreasing to Below Normal
	Normal		Returning to Normal

Above normal significant wildland fire potential indicates a higher than usual likelihood that wildland fires will occur and/or become significant events. Wildland fires are still expected to occur during forecasted normal conditions as would usually be expected during the outlook period. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.



Map produced by
Predictive Services,
National Interagency
Coordination Center
Boise, Idaho

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