



# 2014 NIROPS National Summary

Tom Mellin,  
National Infrared Program Manager  
December 3, 2014  
NIROPS Closeout, NIFC, Boise

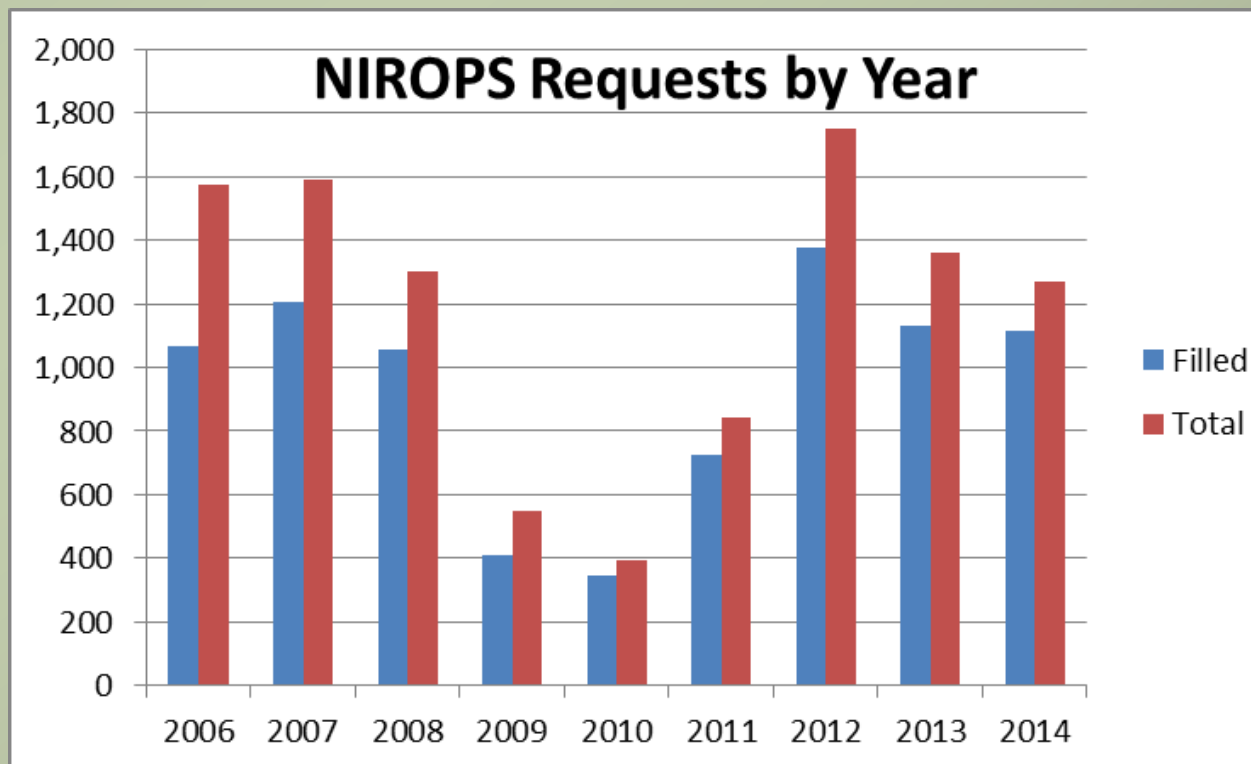


## 2014 –

- Relatively mild fire season overall
- 3.4 million acres burned, 48% of the ten year average
- Very skewed geographically
- Long season
  - 1<sup>st</sup> mission Jan 18 on Colby Fire in CA
  - AMS missions on early season SW fires - Brown Fire (AZ) in April and Signal Fire (NM) in May
  - Last flight on Oct 13 (3 fires)\*

## 2014 NIROPS Requests

- 1,267 total requests with 1,116 filled
- 2014 acres burned was 36% of 2012
- 2014 missions flown was 81% of 2012
- 11% UTF rate



## Busiest Night – August 7<sup>th</sup>, 27 Fires

### ● N144Z (10 fires)

- Camp Creek Complex (OR)
- Beaver Complex (OR)
- Coffee Complex (CA)
- French (CA)
- July Complex (CA)
- Lodge Complex (CA)
- KNF Beaver (CA)
- Day (CA)
- Little Dear (CA)
- Bald (CA)

### ● N149Z (17 fires)

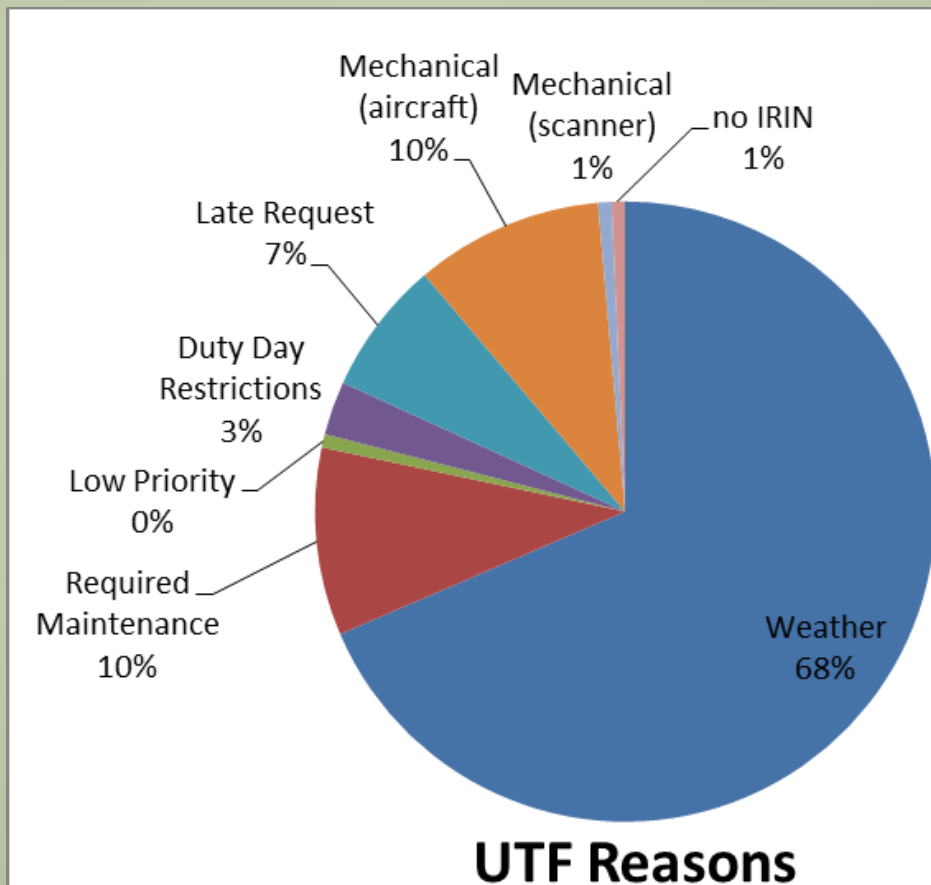
- Carlton Complex (WA)
- Little Bridge Creek (WA)
- Lone Mountain (WA)
- Duncan (WA)
- Shoofly (WA)
- Chiwaukum Creek (WA)
- Hansel (WA)
- Devils Elbow Complex (WA)
- Snag Canyon (WA)
- Bald Sisters (OR)
- Somers (OR)
- Rowena (OR)
- 5 Mile (OR)
- South Fork Complex (OR)
- Logging Unit (OR)
- Big Cougar (ID)
- High Range (ID)

The next night 149Z went down for required maintenance and 144Z flew 19 fires.



## UTFs (Unable to Fill)

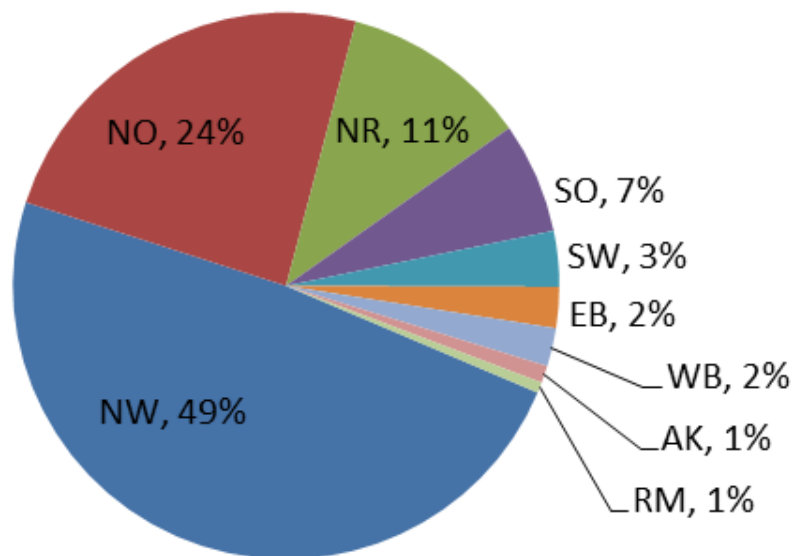
- 151 total UTFs (NIROPS only)
- UTF rate drops from 11% to 3% when weather UTFs are not counted



## 2014 – Orders by GACC

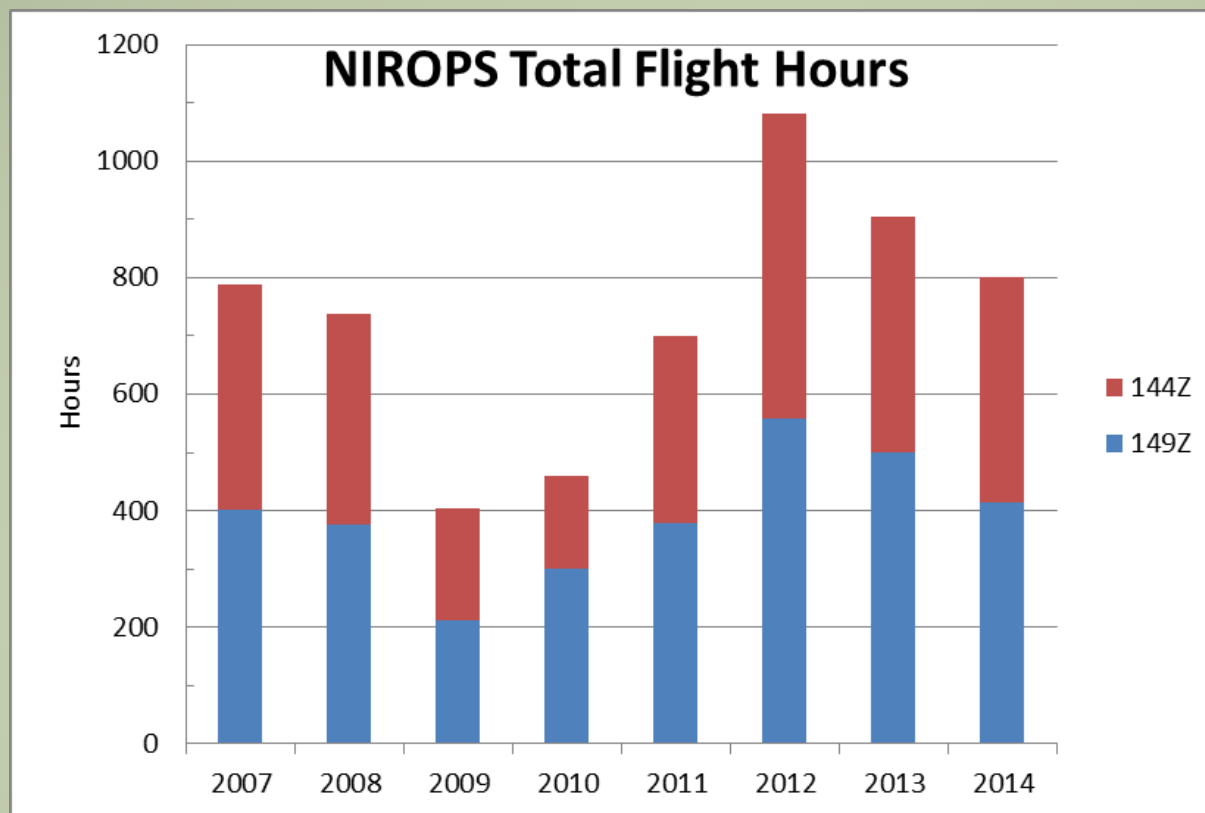
- West Coast dominated the fire season

**Percent of NIROPS orders by GACC**



## 2014 NIROPS Flight Hours

800 hours flown (as of 10/6/14)



## Extended Support to numerous incidents

- KNF July Complex (CA) – 52 flights
- Happy Camp Complex (CA) – 41 flights
- Coffee Complex (CA) – 41 flights
- Chiwaukum Complex (OR) – 40 flights
- Carlton Complex (WA) – 31 flights
- South Fork Complex (OR) – 31 flights
- Deception Complex (OR) – 29 flights
- 790 Fire (OR) – 28 flights
- Beaver Fire (CA) – 27 flights
- Johnson Bar Fire (ID) – 27 flights





## Carlton Complex - WA

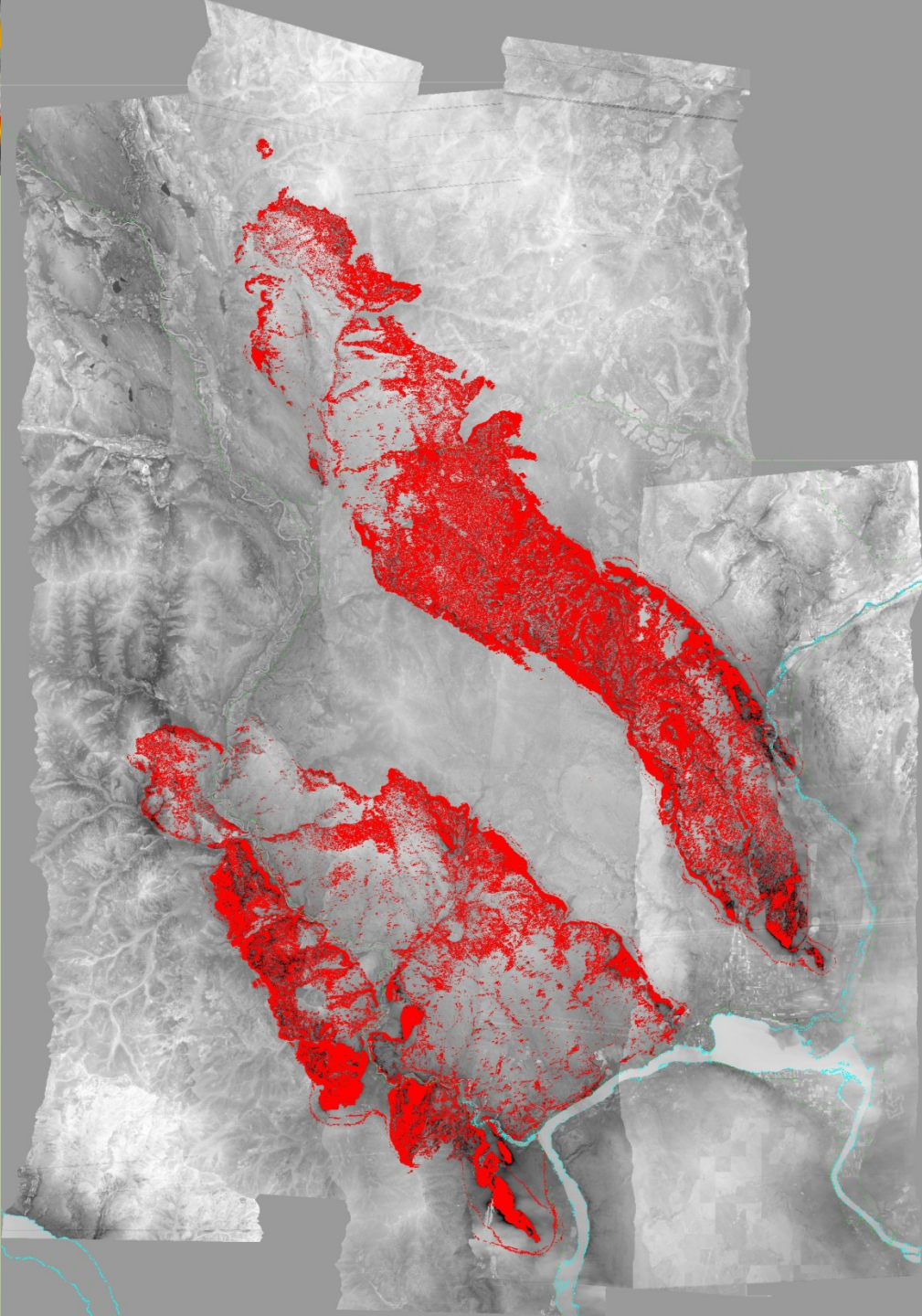
Started July 14 by lightning

Grew by 127,000 acres on July 17

Ran thru town of Pateros, 300 homes lost

Final acreage of 256,108 – largest fire in Washington State history

\$69M to fight







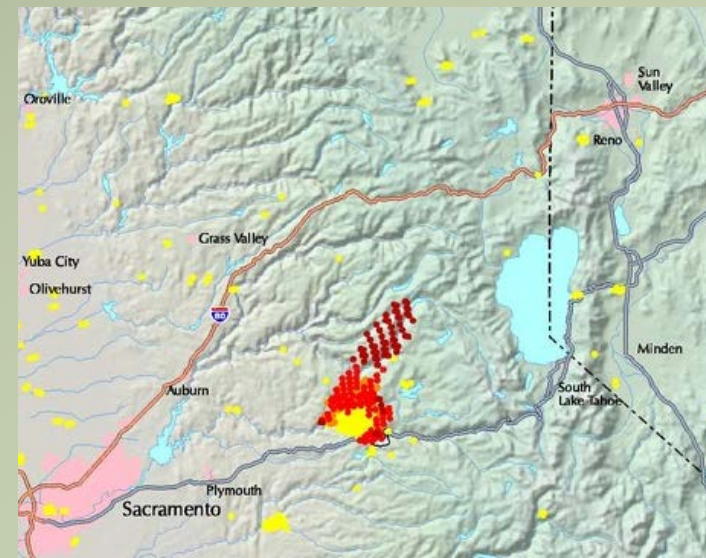
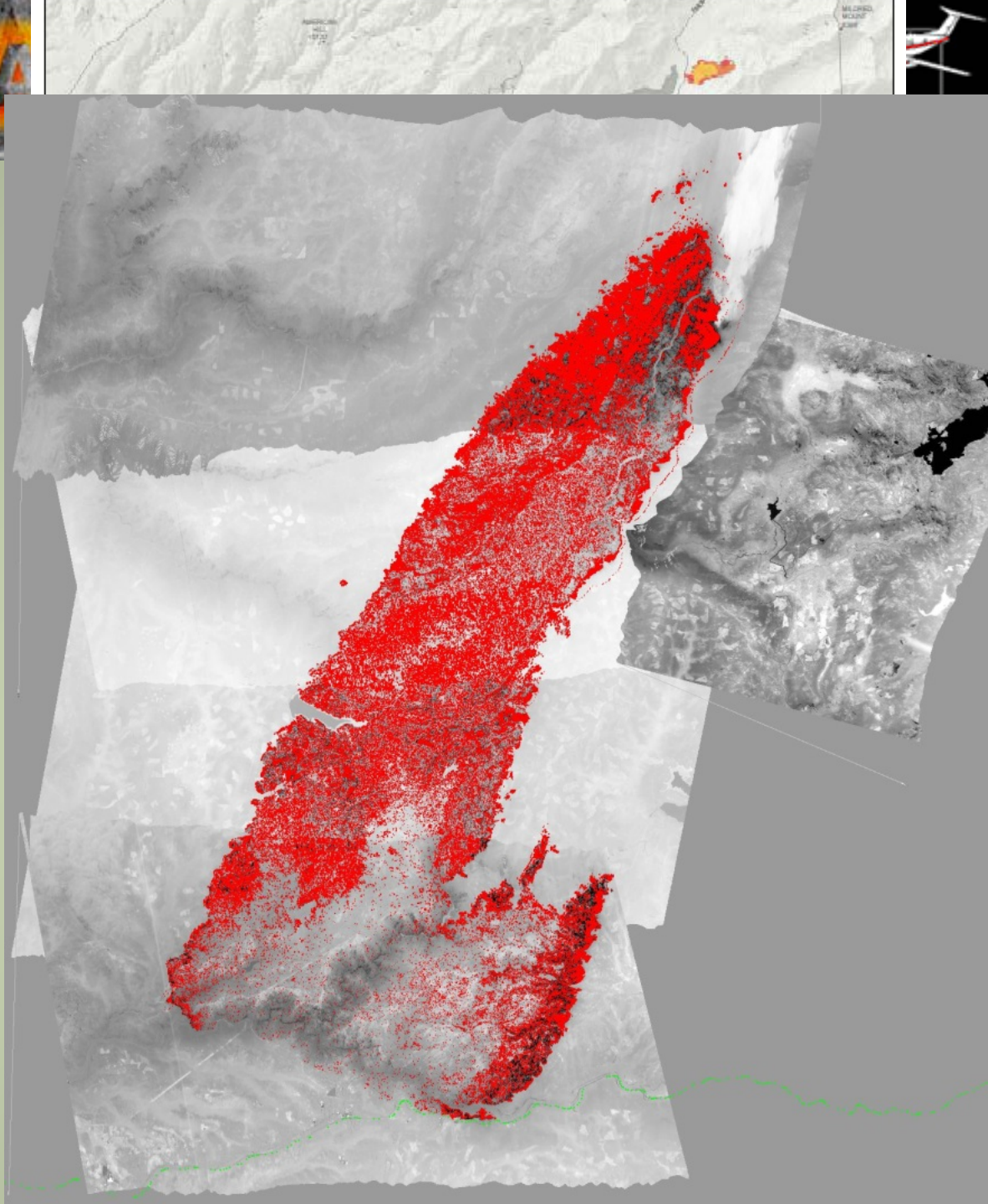
## King Fire, Eldorado NF - CA

Started on Sept 13 by arson

On Sept 17 grew by 50,000+ acres making a 13 mile run to the northeast and nearly tripling in size, final size of 97,717 acres

80 structures damaged (incl. 12 residences)

\$102.5M to fight





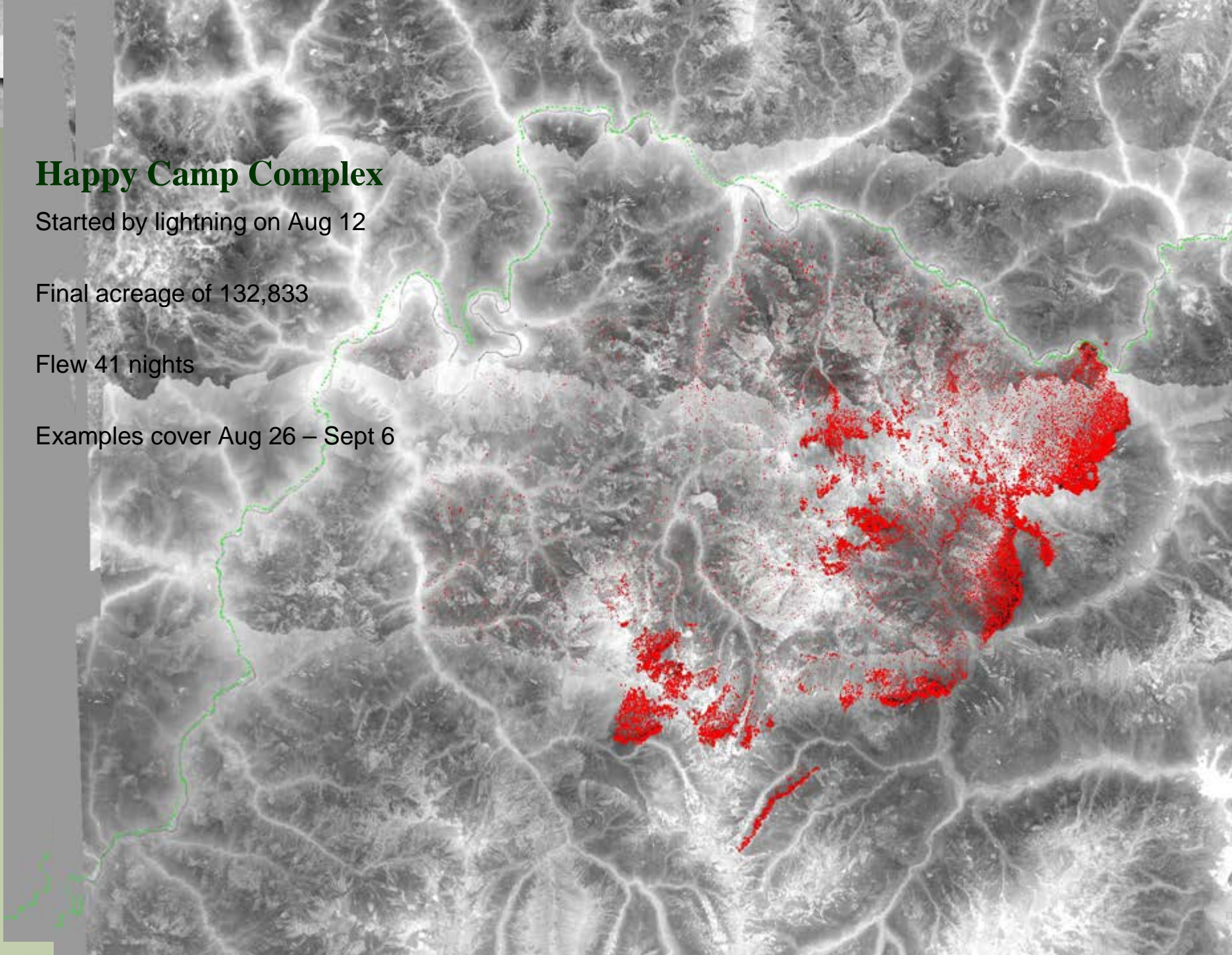
# **Happy Camp Complex**

Started by lightning on Aug 12

Final acreage of 132,833

Flew 41 nights

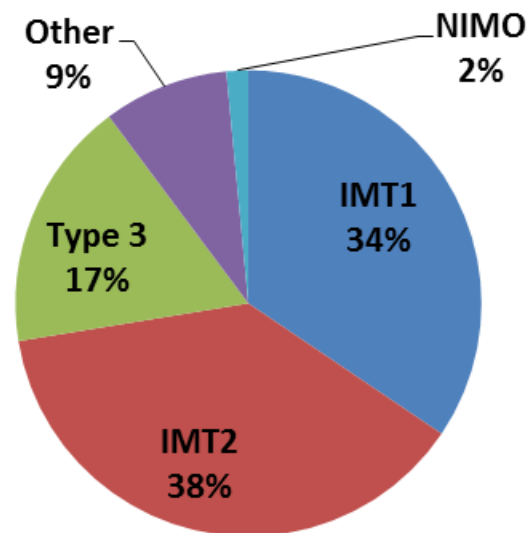
Examples cover Aug 26 – Sept 6



## Who is Requesting?

- 2014 was the second year we captured this information on the flight requests
- Very good response
- Need to make sure info is updated for transitions

**NIROPS Flight Requests**





## It Takes a Team!

- IR Techs - 4 man rotation
- Pilots – 4 FS, 2 contract
- 33 different IRINs, 5 trainees got assignments and qualified (and one dog)
- National IR desk staffed from 8/1 to 8/26 by 3 different IRCNs
- Aircraft 3 (Firehawk) coverage key for covering Alaska requests and during maintenance on NIROPS aircraft- AC3 liaison at RSAC
- R4 Aviation maintenance crew





# NIROPS

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**Assayii Lake Fire**  
6,904 likes

Government Organization  
This is the official fire information page for the Assayii Lake Fire.

About



# InciWeb

Incident Information System

Select an incident:   
Select a state:

Incidents » Arizona » Navajo Nation Regional Office » Assayii Lake » Maps

## Assayii Lake Maps

Incident Information Announcements Closures News Photographs Maps

Viewing 1 through 9 of 9 total maps.

IR Map for June 25, 2015

IR Map for June 23, 2014

IR Map for June 23, 2014

Road Access Information Map

IR Map for June 22, 2014

IR Map for June 21, 2014

Infrared map from June 20, 2014

Infrared map from June 19, 2014

Infrared map from June 18, 2014

09-20-14 Infrared Map

### UNIT INFORMATION

Navajo Nation Regional Office  
PO BOX 9000  
Window Rock, AZ 86515

### INCIDENT CONTACT

Assayii Lake Fire Information  
Phone: 928-362-1482

### RECENT ARTICLES

News Release June 30, 2014 Final Update  
News - 6/30/2014  
News Update June 29, 2014  
News - 6/29/2014  
News Update June 28, 2014  
News - 6/28/2014  
High Winds Close Public Access to Assayii Lake Fire Area  
Announcement - 6/26/2014

### INCIDENT COOPERATORS

American Red Cross  
Bureau of Indian Affairs  
Fish and Wildlife Service  
Navajo Nation Chapters  
Navajo Housing Authority  
Navajo Nation Division of Health

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## Assayii Lake Fire

2 hours ago

ared Map for June 24, 2014.

Comment · Share

12 Shares

Jinniibaah Manuelito, Serena Sam, Brandon Sam and 100 others like this

**BD Davis** Great job! Less red dots! Yay!  
37 minutes ago

**Dugi Jenkins** Thank you!!  
36 minutes ago

1 · 23 hours ago

**Lan-zee Clark** SO sad  
4 hrs

**Kari Redhouse** Thanks for the update. .. hope u r doing ok  
17 hours ago

**Bow Hunter** Dat all burn...dam!  
19 hours ago

**Karen Frejo** I wish I could help, so far away from home (tohatchi,nm). Been praying for everyone involved especially our elders. God bless the DINE NATION!!  
22 hours ago

**Cole Chato** Glad to see a reduction in the intense heat areas.  
22 hours ago

**Lin Lei** WOW!!!  
23 hours ago

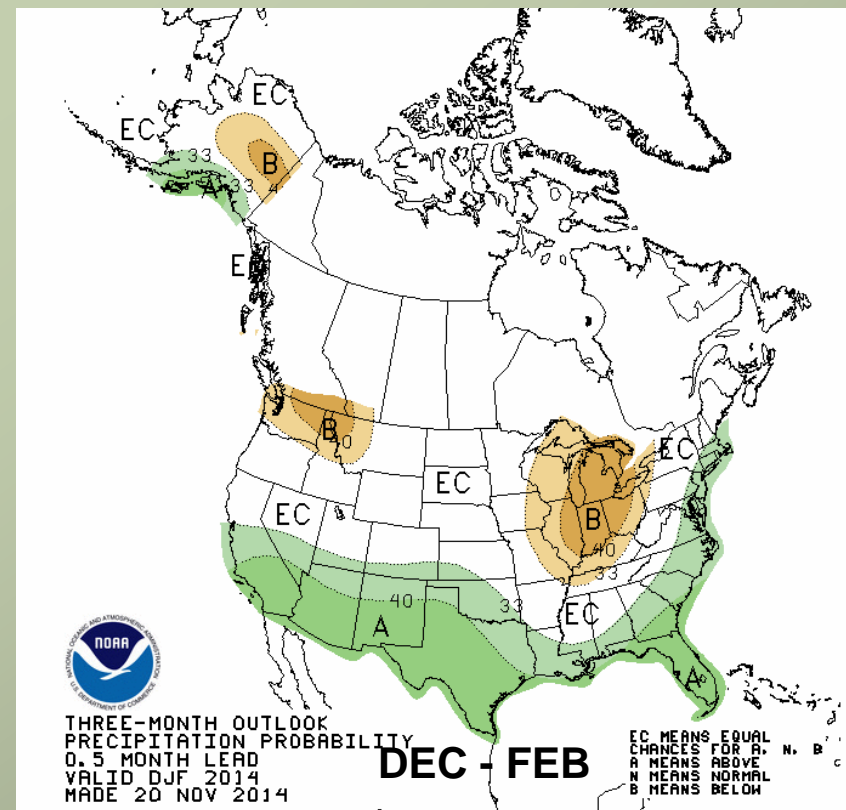
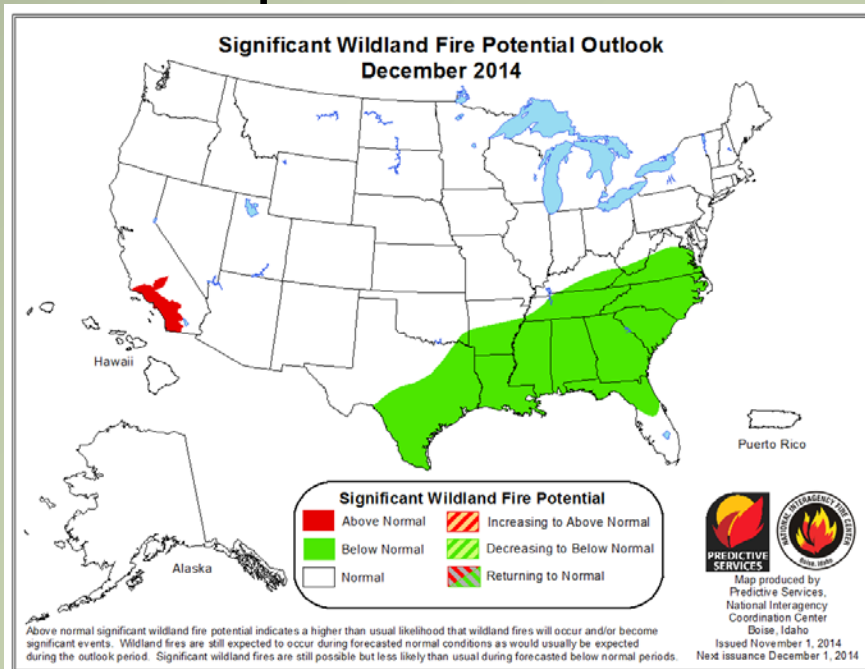
**Ann Lee** omgoodness!  
23 hours ago

**Diane Jefferson Peters** That's a really large area.  
12 hours ago



## Rest of 2014 and into 2015

- Most models favor a weak El Nino
- Status of planes
- AMS in 144
- Keep Phoenix in 149



Get ready for next year!



Photo: Initial Attack Fire Media