

# NEO - Fire Season 2015 Summary

- 55,052 acres burned is most ever
- Acres burned is more than last 22 yr total
- 99% of acres burned were Lightning Caused
- 82 Stat Fires equals the 10 yr average of 82
- 55 Lightning Fires (10-yr average is 50)
- 27 Human Caused Fires (10-yr average is 32)
- 134 day fire season, 1 day shorter than 2014
- Earliest start of reg closure since 1992
- 110 days in reg closure, longest period ever?
- 16 new max ERCs (June 20, June 23-July 7)

# NFDRS Indices on 8/14/15

	<u>ERC</u>	<u>BI</u>	<u>IC</u>
Blue Canyon	78 (96%)	130 (100%)	95 (99.7%)
Yellow Pine	79 (92%)	99 (99.9%)	91 (100%)

ERC = heat release from flaming front (above LFT)

BI = combination of energy produced (ERC) and how fast the fire will spread

(at Blue Canyon previous 20 yr high was 114)

IC = probability that a firebrand landing on a receptive fuel will cause a fire requiring suppression action  
(at or near record highs at both BC and YP)







# SPA Helicopter – Significant Event

On July 20<sup>th</sup>, 1PT was ordered for bucket work on the Blue Creek Fire on WDNR protection, nine miles east of Walla Walla, WA. While at a tight dip site, 1PT lost power to the main rotor. While attempting to land, the main rotor blades struck a tree causing the helicopter to tip over on its side. The pilot was uninjured and walked away. Soon after, the helicopter was overtaken by the fire resulting in the complete loss of the aircraft.







## **“Proactive vs. Reactive”**

Investments and Dividends

Costs and Consequences









# ***“Behavior”***

**Fires and Humans-Crossing Paths  
on Bad Days**







## ***“Independent Action”***

Taking Matters into Your Own Hands



# ***“Situational Awareness and Sense Making”***

Looking, Listening,  
Tasting, Hearing,  
Feeling-  
Weak Signals and  
Reacting





# ***“Backdoors”***

LCES- Is your Black...  
Black?







***“Post-Fire Recovery”***



“Failure is not fatal...  
but failure to change  
might be” - John Wooden



# *Never Forget*





# Questions





