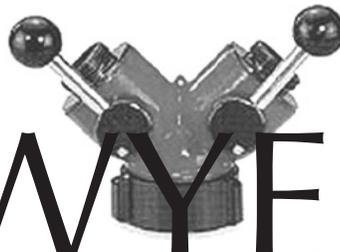


GATED WYE



October 2014 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 369

We need your help to make Fire Prevention Month a success!

We need you! The OSFM has some exciting social media contests coming up to help celebrate Fire Prevention Month, and we really need the help of the fire service to get the word out in their communities and encourage participation. Go to the OSFM [Facebook](#) and [Twitter](#) pages, share us so that your followers like and follow us, and participate to help your community members win great prizes.

You can help us make a #firesafeOregon by spreading the word via your social media accounts, by sharing our contest and safety messaging posts, and by encouraging those in your communities to participate and spread the word even further amongst their own social media networks. The Terms and Conditions will be available on our [social media web page](#).

#TestitTuesday will be promoted weekly on Tuesdays (10/7, 10/14, 10/21, and 10/28) during October on both Twitter and Facebook.

The contest encourages Oregonians to take a “selfie” photo featuring smoke alarm testing. One Oregon winner will be chosen every week from the submissions posted to the OSFM Twitter

feed and Facebook page. Those entering the contest via Twitter are required to use the hashtag #firesafeOregon.

Check out OSFM’s own Fraser Wick, from the Emergency Response Unit (below), giving us his example of a smoke alarm testing “selfie.”



We have a variety of great prizes for #TestitTuesday’s four weekly contests:

October 7- Amerex ABC 5lb. fire extinguisher, a \$47 value; donated by Instant Fire Protection Co. of Salem, Oregon.

October 14- a 16 GB iPod nano, a \$150 value; donated by the [Oregon Fire Marshals Association](#).

October 21- a16 GB Samsung Galaxy tab 4, a \$320 value; donated by the [Oregon Fire Marshals Association](#).

October 28- Lunch anywhere in Oregon with [State Fire Marshal Jim Walker](#). Monetary value, cost of lunch.

#TriviaThursday will involve weekly smoke alarm-related trivia questions posted on the OSFM Twitter feed and Facebook page each Thursday (10/2, 10/9, 10/16, 10/23, and 10/30) during October. The first correct answer wins!

Each Trivia Thursday winner will receive three ionization smoke alarms with 10 year batteries (\$40 value).

Spread the word, and encourage those you know to participate!

Be sure to visit the [OSFM’s updated smoke alarm web page](#) with a revised [FAQ section](#).

From the desk of the state fire marshal



... remember you
set the example
for all Oregonians.

– Jim Walker

Prevention success depends on you

Fall is a transition period for us all, not just concerning the weather but also in our thoughts about fire hazards. Summer is of course the wildfire season, but as weather cools and October arrives, we must turn our focus to home fires and the potential destruction of life and property when they occur.

On a national level, the tradition is the first week in October is dedicated as Fire Prevention Week. In Oregon this year, the OSFM is expanding our fire prevention education efforts through the entire month to give a longer period for public education. While I realize not all Oregon fire agencies have the personnel and resources to commit to this cause for an entire month, I do know it is you and your agency's efforts that are the keys to the success of fire prevention education efforts.

To aid in your efforts, I strongly encourage you to take advantage of the materials and resources our office has developed for fire prevention education. The staff in our Fire and Life Safety Education branch has developed a great month long campaign involving social media and new fire prevention materials, all which are available free to any Oregon fire agency.

While we can put together great campaign plans and materials, they are of no use if they languish on our stockroom shelves. You are the key to the success in reaching all of our communities.

Also, When teaching citizens to test their smoke alarms and to draw up and practice an escape plan, be sure to practice what you preach. Ask yourself – can I answer “yes” if a citizen asks me, “Did you test YOUR smoke alarm this month?” or “Has YOUR family practiced a home escape plan?”

Again, you are the key in our combined fire prevention education efforts. Thank you all for getting the message out and setting the example.



**State Fire Marshal
Jim Walker**

**Office of
State Fire Marshal**

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4760 Portland Rd. NE
Salem Oregon
97305-1760**

**www.oregon.gov/OSP/SFM
503-934-8200**

Administration
503-934-8205

Codes & Technical
Services
503-934-8204

Fire & Life Safety Education
503-934-8236

Community
Right-to-Know
503-934-8238

Analytics & Intelligence
503-934-8273

Emergency Response
503-934-8238

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License & Permits
503-934-8264

Youth Prevention
& Intervention
503-934-8240



The Gated Wye is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

Walker names new chief deputy state fire marshal

State Fire Marshal Jim Walker announced the appointment of Mariana Ruiz-Temple as the next Chief Deputy State Fire Marshal effective September 1, 2014.

Ruiz-Temple has been serving as the assistant chief deputy in the Emergency Response Branch since 2006. As an executive manager with the OSFM, she has focused on partnerships and cultivating relationships with response agencies and the Oregon fire service. She manages the Community Right-to-Know unit, three state incident management teams, 13 regional hazardous materials response teams, the agency operations center, and the mobilization of structural resources for all hazards throughout the state.



Having joined OSFM in 1995, Ruiz-Temple is a member of the Oregon Fire Chiefs Association and the Governor's Fire Service Policy Council. She has also served on the board of Pacific Northwest Coordinating Group Steering Committee, International Association of Fire Chiefs Inter-state Mutual Aid Project, National Hazmat Fusion Center Executive Board, and the National Association of SARA Title III Public Officials.

"Mariana's experience at the state and federal level brings insight on how OSFM could best serve the local fire service," said Walker. "She brings extensive experience and progressive insight to the position. I am confident that she will keep moving the Office of State Fire Marshal forward in a very positive direction."

OSFM deputy awarded IAAI Investigator of the Year

The Oregon chapter of the International Association of Arson Investigators has awarded OSFM Deputy State Fire Marshal Charlie Chase with the Investigator of the Year award.

As stated in his nomination, Charlie exemplifies the traits of a great fire investigator. He is a truth seeker above all else, and he strives to stay current with the evolving technology in fire investigation. Charlie willingly shares his knowledge and encouragement with others. He has a long and distinguished career in fire investigation.

photo: Don Frank Photography



OSFM Deputy Fire Marshal Charlie Chase (left) receives the IAAI Investigator of the Year award from IAAI President Ralph Sartin.

"Charlie has been a great asset to the IAAI," said IAAI President Ralph Sartin. "His years of service, willingness to donate his time, expertise, and opinion will be greatly missed (Chase is retiring this year). I personally have enjoyed my interaction with Charlie over the past few years. Charlie may not have always agreed with me but he was a grounding voice and sometimes a tenured voice of dissension."

Oath of office ceremony

Newly appointed state fire marshal and chief deputy state fire marshal Jim Walker and Mariana Ruiz-Temple, respectively, will be sworn in by Governor John Kitzhaber, at 10 a.m., Tuesday, November 18, 2014, at the Oregon Public Safety Academy's Hall of Heros. For questions or to RSVP, contact Sally Cravinho at 503-934-8205 or sally.cravinho@state.or.us.

OSFM partnering with Oregon Food Bank during Fire Prevention Month

During Fire Prevention Month (October 2014), the OSFM is partnering with the Oregon Food Bank to distribute 10,000 smoke alarm fliers in food boxes throughout Oregon's 36 counties. The flier provides smoke alarm tips, outlines landlord responsibility for providing smoke alarms, and directs residents to contact their local fire agency if they do not have working smoke alarms.

As an Oregon fire agency, you are eligible to obtain free smoke alarms from the OSFM to install in homes. If you are contacted by someone who receives the flier, please contact the OSFM at osfm.ce@state.or.us or 503-934-8228 to receive free smoke alarms to install in their residence.



ICS 300 & 400 training

Incident Command System 300 & 400 classes are scheduled October 8 – 10, 2014 at Camp Withycombe in Clackamas, Oregon. Cost is \$100.

Prerequisites include ICS 100, 200, 700, and preferably 800.

To register or for more information, contact Josh Carlson at 253-495-2277 or trainingcommandjc@gmail.com.

Names added to Oregon Fallen Fire Fighters Memorial

Oregon fallen firefighters were remembered and five new names were added to the Oregon Fallen Firefighters Memorial during the annual ceremony in September.

There are now 168 names etched on the memorial wall which sits on the grounds of the Oregon Public Safety Academy in Salem.

The five individuals added in this year's ceremony include:

John Hammack

Hammack (58), a professional tree feller, was killed when the top portion of a tree his crew was preparing to fell broke off and landed on him. Hammack was working on Incident 98 on the Sisters Ranger District on August 1, 2013.

Jesse Trader

Trader (19) died when his water tender hit an embankment and rolled over while he was working on the Big Windy Complex fire in Josephine County, August 6, 2013.

Oscar Montano-Garcia

Montano-Garcia (50) collapsed and died of a medical condition while working on the Nabob Fire in the Rogue River-Siskiyou National Forest on August 25, 2013.

Tony B. Chapin

Chapin (19) was injured in a motor vehicle accident while in route to a required paramedic class on September 24, 1998. He succumbed to his injuries on September 25, 1998.

Melvin Claude Richardson

Richardson (18) was a National Guard firefighter working on the McKenzie Bridge fire in the Willamette National Forest on September 6, 1935, when he was struck by a falling snag, which killed him instantly.

The criteria to include names on the Oregon memorial are identical to that used for the National Fallen Firefighters Memorial in Emmitsburg, Maryland. Having the same criteria allows Oregon's fallen firefighters to be honored on both the state and national memorials.

For more information, visit the Oregon Fallen Fire Fighters Memorial online.

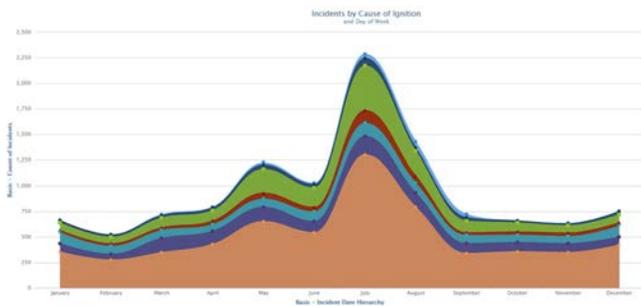
DATA Connection

News from the Analytics & Intelligence unit
by Program Coordinator Dave Gullede

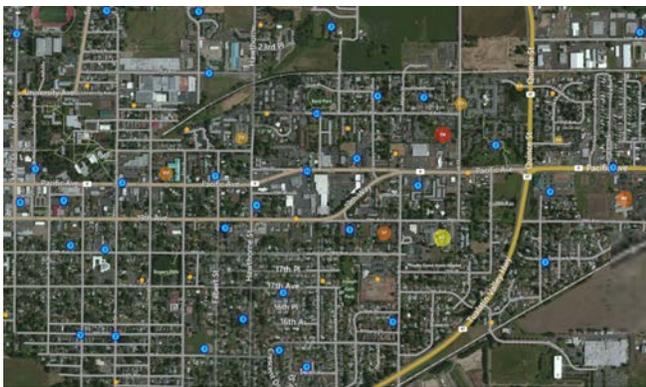
New analytic reporting tools available

The state's web-based incident reporting system, Oregon Fire & EMS Bridge™, has new Visual Informatics™ tools that are available to all fire agencies in the state.

Data mining doesn't have to be difficult or time consuming. With Visual Informatics™, you can delve deeper into your data and discover new correlations or trends. Interactive pie charts and graphs make your analytical report easier to interpret and present to others. It's all right at your fingertips without having to export data, making it both convenient and secure.



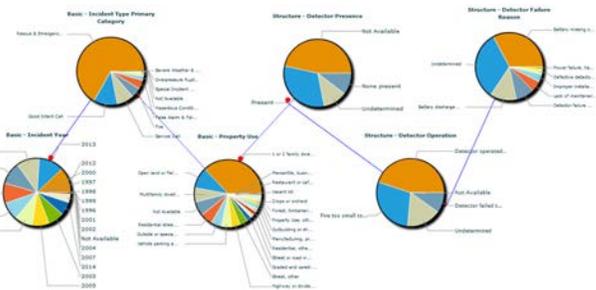
Build models using sophisticated techniques to find patterns and relationships in data. Large amounts of data stored in a series of dimensions, or cubes, allow the user to select only relevant dimensions, thus speeding up the analysis process significantly.



Pinpoint actual geographical locations of data. Cluster mapping or intensity shading indicates the volume of data, leading to conclusion of need, demand, or supply.

These new tools provide more ways to visualize data allowing users to:

- Extract focused and detailed data
- Add new dimensions to the analysis on the fly
- Visualize data as pie charts, bar charts, or other diagrams
- Build dynamic hierarchical relationships or trees
- Formulate new questions and discoveries within the database



Dashboards that display key information you need to stay abreast of can be easily created and are fully customizable to your preferences or standards.



As part of its vision to provide premier public safety services, the Office of State Fire Marshal (OSFM) has purchased these tools so that any local fire agency in Oregon can access them at no cost.

OSFM is also committed to providing user support and training on any fire related aspect of the Oregon Fire & EMS Bridge™. Please contact us if you have questions or to schedule training on the system or the new tools.

Questions? Please contact the Analytics & Intelligence unit at 503-934-8250, toll free at 877-588-8787, or email osfm.data@state.or.us.

Planning resources available for rail emergencies

By Chris Kuenzi
Hazmat Compliance Specialist,
ODOT Rail and Public Transit Division

A dramatic increase in the volume of crude oil being transported by rail, and a few recent derailments of crude oil unit trains in North America, have combined to draw attention to the importance of local emergency preparedness for rail incidents involving hazardous material.

Communities across the country are working to understand the risks created by the transport of crude oil by rail and the impact to local emergency services and the public. Oregon is also experiencing increased rail shipments of crude oil, both to terminals in the state and to destinations in neighboring states.

Multiple efforts are underway by the U.S. Department of Transportation and state agencies in Oregon to strengthen existing rail safety regulations to ensure all hazardous materials, including crude oil, arrive safely at their destination. While these efforts are in progress, there are useful resources available to communities and local emergency responders, enabling them to plan for rail emergencies. [TRANSCAER®](#) (Transportation Community Awareness and Emergency Response) is one of these resources that can assist communities to prepare for a possible transportation incident involving hazardous materials.

TRANSCAER® is a volunteer organization consisting of representatives from across the chemical and transportation industries as well as emergency response and government. TRANSCAER® can provide training, emergency planning assistance and other support to communities.

The Association of American Railroads (AAR) directs its members to assist in implementing TRANSCAER®, including assisting Local Emergency Planning Committees in assessing the hazardous materials moving through their communities, assisting in development of emergency plans for hazardous material rail incidents, and assisting local responders in preparation for hazardous material incident response. AAR members will, upon written request, provide to bona fide emergency response agencies or planning groups specific commodity flow information covering at a mini-

mum the top 25 hazardous commodities transported through the community in rank order.

You can request [BNSF hazardous commodity flow information online](#). To request hazardous commodity flow information from Union Pacific, contact Ben Salo, Manager of Hazardous Materials at 402-544-4981 or brsalo@up.com.

In addition to these resources, the Oregon Department of Transportation (ODOT) can provide local agencies with information about railroad operations and rail safety in Oregon. ODOT recently established an advisory committee to review and recommend changes to Oregon's rules for notification by railroads of hazardous material transportation. The ODOT Rail and Public Transit Division can be reached at 503-986-4321 and has established a [website](#) to track progress of the advisory committee.

ODOT's goal is to prevent railroad hazardous material incidents through proactive efforts of government agencies and railroads. However, Oregon emergency response agencies can take steps now through preparedness and planning activities to ensure a successful response if an incident occurs.

Auction to raise money for OSP Fallen Trooper Memorial

The OSP Fallen Trooper Memorial Committee is hosting its 4th annual auction to raise money for the OSP Fallen Trooper Memorial.

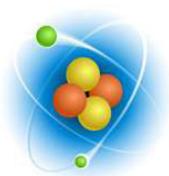
When: November 1, 2014; 5 p.m. to 8 p.m.

Where: Milwaukie Elks Club (13121 SE McLoughlin Blvd., Milwaukie)

Cost: \$20 per person, \$200 per VIP table (seats 8)

All proceeds from the evening go directly toward the completion of the memorial and future projects designed to ensure a living legacy for the OSP Troopers who fell in the line of duty – now and forever.

If you have any items you'd like to donate to the auction, please contact the Memorial Board at ospfallenmemorial@gmail.com.



Ammonium Fluoride NH_4F

Description:

- Synonyms: Neutral ammonium fluoride
- Colorless to white odorless crystalline solid
- CAS No.: 12125-01-8
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed
- OSHA PSM: Not listed

NFPA 704 Information:

- Health: 2-3
- Flammability: 0
- Reactivity: 0
- Special: None

Uses and Occurrences:

- Used in printing and dyeing textiles, preserving wood, and mothproofing

Reactivity and Fire Risk:

- Non-combustible
- Stable under recommended storage conditions
- Flash point: Not Applicable (NA)
- LEL: NA; UEL: NA
- Autoignition temperature: NA
- Vapor density (air = 1): 1.3
- Specific gravity (water = 1): 1.015-1.32
- Boiling point: 212° F
- Freezing point: Decomposes before melting
- Dissolves in water and forms dilute hydrofluoric acid solution
- Reacts with acids to release hydrogen fluoride and bases to release ammonia
- May react with cellulose based, mineral based, clay based absorbents, sand, and dirt/earth
- Incompatibles include strong oxidizing agents, metals, and alkalis

Health Hazards:

- IDLH: Not provided
- LD50: >200 - <2,000 mg/kg (oral rat) –Acute Toxicity, Oral-Hazard Category 3 - Hazard-Communication Standard (HCS)
- LC50: Not provided
- Causes serious eye damage - Hazard Category 1 (HCS)
- Causes skin irritation or burns

Fire Fighting Measures:

- Extinguishing media: Water spray, dry chemical, carbon dioxide, or appropriate foam
- In fires it may sublime when hot and condense on cool surfaces

2012 Emergency Response Guidebook:

- Shipping names: Ammonium fluoride
- Hazard Class: Toxic substances (6.1)
- UN/NA: 2505; Guide #154 Substances-Toxic and/or Corrosive (Non-Combustible)
- Spill or leak – Initially isolate 75 feet in all directions
- Fire – Tank, rail car, or tank truck: Initially isolate ½ mile in all directions

2014 Oregon Fire Code: Table 5003.1.1(2)

- Toxics
- Maximum Allowable Quantities (MAQ) per control area:
 - Unprotected by sprinklers or approved storage cabinets: 500 pounds
 - In sprinklered building, not within approved storage cabinets: 1,000 pounds
 - In unsprinklered building, within approved storage cabinets: 1,000 pounds
 - In sprinklered building, within approved storage cabinets: 2,000 pounds
- Group when MAQ exceeded: None
- Note e and f

Incident Reporting and Information:

- Facilities reporting ammonium fluoride on the Hazardous Substance Information Survey: two
- Hazardous materials incidents reported in Oregon since 1986: None

References include:

- [Cameo chemicals – Ammonium fluoride](#)
- [Sigma-Aldrich – Ammonium fluoride SDS](#) (Link select download MSDS)
- [Mallinckrodt Baker-Ammonium fluoride MSDS](#) (no link)
- [Science Lab.com – Ammonium fluoride MSDS](#)
- [EPA List of Lists - October 2012](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or aleta.carte@state.or.us.

OSFM new employees

Jaime Zinck

Training and Development Specialist
Fire & Life Safety Education branch

Jaime grew up in Oregon and earned her M.A. from Oregon State University. She has been an English instructor for five years, and spent the last year and a half prior to joining the OSFM building an English Language curriculum at a private English Language Learners college prep school.



Jaime has been married for 10 years and has 3 children: Ashley 13, Violet 8, and Henry 7. Her interests include teaching, mentoring, reading, needlework, and her pets.

"I've enjoyed learning about the fire service and fire prevention education in the last six months, and look forward to learning much more," says Jaime.

Fraser Wick

Programs Assistant
Emergency Response branch

Fraser grew up in Lake Oswego, Oregon and graduated from Lakeridge High School in 2006. In 2011, Fraser graduated with his B.A. in history from Oregon State University. While attending OSU, Fraser spent his summers working for the U.S. Forest Service fighting wildland fires in Idaho and Oregon.



In his spare time, Fraser enjoys hiking the great outdoors and backpacking into the wilderness with his dog. When not hiking, he can be found sailing on the Willamette River or playing soccer with a local city team.

"The positive energy I feel working with the folks at OSFM makes it a fine place," says Fraser. "I hope my life experiences will be an influential part in further developing our programs."

David D. Mills

Deputy State Fire Marshal - Codes

David was born in Middletown, New York and moved to Reno, Nevada in 1965. After graduating from high school he earned a degree in architectural drafting from Phoenix Institute of Technology. David work for a number of architectural and engineering firms before being hired by the City of Reno Building & Safety Department as a Plans Examiner and Inspector.



In 1995 he accepted a position as Fire Protection Plans Examiner with the City of Reno Fire Department. He retired from the fire department as a fire prevention captain with 30 years of service. David is ICC and NFPA certified in a number of inspection categories.

"When my wife saw the job posting for the codes deputy she commented 'that would be the perfect position for you, you're such a code geek,' and she was right. I am so excited to be in Oregon and working for the Office of the State Fire Marshal. I have been so impressed with the professional nature of everyone in this office. I hope to continue the long tradition of limitless public service for the people of Oregon."

For sale

Decon trailer used during the CSEPP era in Umatilla County.

Model: DTS328, Mfg. date: November 1998, GVWR: 19,500 (per axel: 5,200), Serial#: 1A9VH-S335W124778, Approx. 30 feet with a 6-foot gooseneck. Built by Advanced Trailer Manufacturing, Houston, Texas.

Contact
Umatilla
County
Undersheriff
Jim Littlefield
at 541-966-
3630 or jim.
littlefield@umatillacounty.net.

