



# Oregon Office of Emergency Management

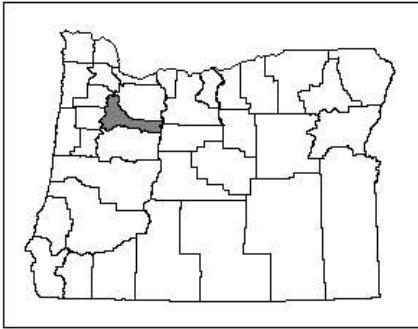
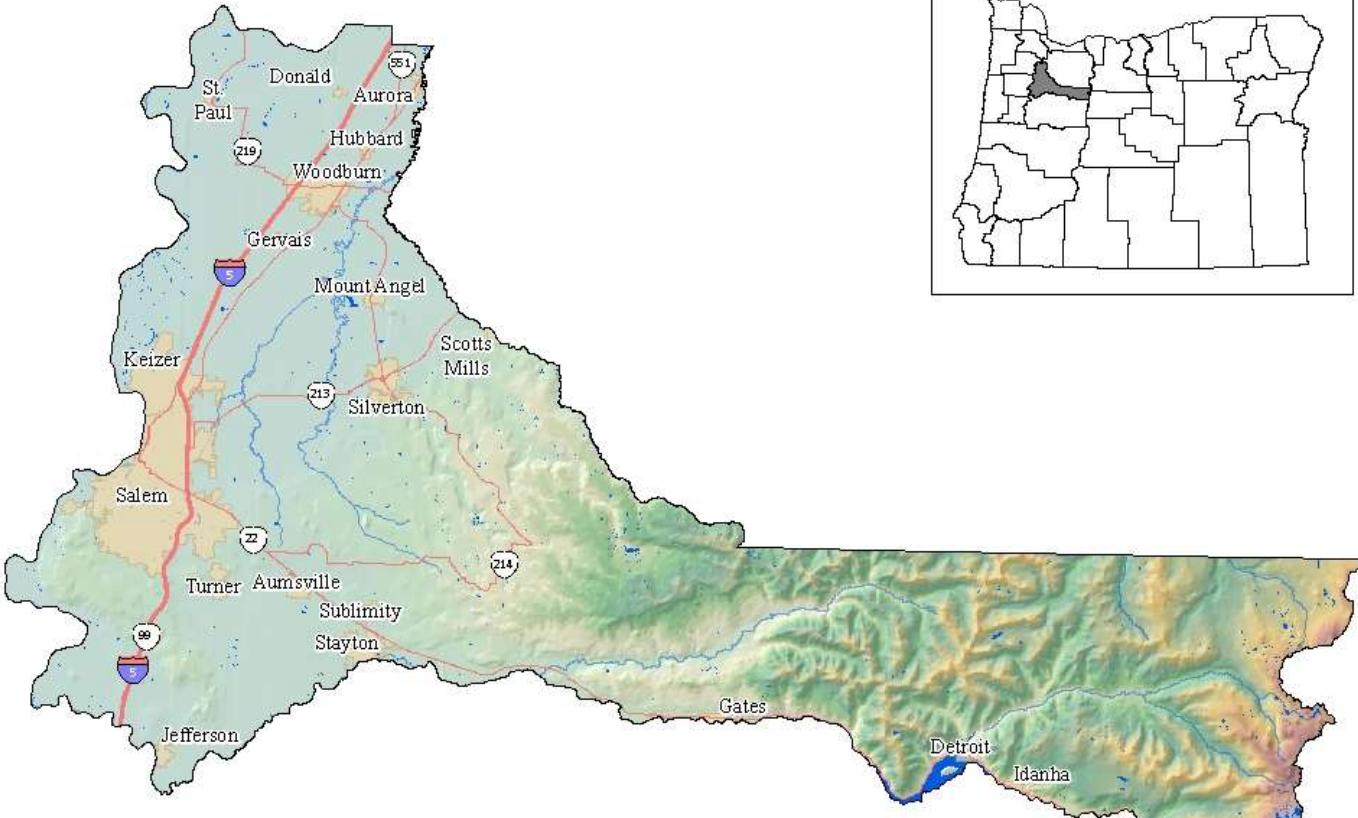


## Marion County Profile

Updated October 2017



# Geography



**Contiguous counties:**  
Clackamas, Jefferson, Linn, Polk, Wasco, Yamhill  
**Tribal nation relationships:**  
Warm Springs

## Marion County Reference Map



DPS 7/18/17

This product is for informational purposes, and may not be suitable for legal, engineering or surveying purposes. This information or data is provided with the understanding that conclusions drawn from such information are the responsibility of the user.

- Interstate
- US Route
- State Highway
- Major Rivers
- Major Waterbodies
- City Limits



# Overview

- Blue Book:  
<http://bluebook.state.or.us/local/counties/counties24.htm>
- Census:  
<https://www.census.gov/quickfacts/table/PST045216/41047,41>
- Incorporated Cities:
  - Aumsville, Aurora, Detroit, Donald, Gates, Gervais, Hubbard, Idanha, Jefferson, Keizer, Mill City, Mt. Angel, **Salem (State Capital)**, Scotts Mills, Silverton, St. Paul, Stayton, Sublimity, Turner, Woodburn



# Legislative Information

## US Congress

<u>District</u>	<u>Name</u>
5	Kurt Schrader (D)

## State House

<u>District</u>	<u>Name</u>
15	Representative Andy Olson (R)
17	Representative Sherrie Sprenger (R)
18	Representative Vic Gilliam (R)
19	Representative Jodi Hack (R)
20	Representative Paul Evans (D)
21	Representative Brian Clem (D)
22	Representative Betty Komp (D)
23	Representative Mike Nearman (R)
24	Representative Jim Weidner (R)
25	Representative Bill Post (R)
26	Representative John Davis (R)
39	Representative Bill Kennemer (R)
59	Representative John Huffman (R)

## State Senate

<u>District</u>	<u>Name</u>
8	Senator Sara Gelser (D)
9	Senator Fred Girod (R)
10	Senator Jackie Winters (R)
11	President Peter Courtney (D)
12	Senator Brian Boquist (R)
13	Senator Kim Thatcher (R)
20	Senator Alan Olsen (R)
30	Senate Republican Leader Ted Ferrioli (R)

# Emergency Management

# Marion County



## Home Agency

Marion County Public Works  
5155 Silverton Rd NE  
Salem, OR 97305  
503-588-5108  
[mcem@co.marion.or.us](mailto:mcem@co.marion.or.us)

## Grant Statistics

EMPG - \$152,068 (2016)  
HMGP - \$0 (2016)  
PDM - \$0 (2016)  
SHSP - \$195,687 (2016)

- Includes COOP Planning, Public Safety Voice & Data Comms

## OEM Government Liaison

Zach Swick  
(503) 378-3233  
E-mail: [zach.swick@state.or.us](mailto:zach.swick@state.or.us)

## Ed Flick, Emergency Manager

Office Phone: (503) 365-3133 / Cell Phone: (503) 991-6926  
E-mail: [eflick@co.marion.or.us](mailto:eflick@co.marion.or.us)

## Krista Carter, Program Coordinator

Office Phone: (503) 588-5108 / Cell Phone: (503) 932-3947  
E-mail: [kkcarter@co.marion.or.us](mailto:kkcarter@co.marion.or.us)

## Erik Anderson, Program Coordinator

Office Phone: (503) 365-3186 / Office Cell: (503) 798-5490  
E-mail: [eanderson@co.marion.or.us](mailto:eanderson@co.marion.or.us)

## Kathleen Silva, Emergency Preparedness Coordinator

Office Phone: (503) 365-3136 / Office Cell: (971) 283-4002  
E-mail: [ksilva@co.marion.or.us](mailto:ksilva@co.marion.or.us)

# Emergency Management

# City of Salem



## Home Agency

City of Salem Fire Department  
595 Cottage St. NE  
Salem, OR 97301  
503-763-3331  
[rstevenson@cityofsalem.net](mailto:rstevenson@cityofsalem.net)

## Roger Stevenson, Emergency Manager

Office Phone: (503) 763-3331  
E-mail: [rstevenson@cityofsalem.net](mailto:rstevenson@cityofsalem.net)

## Grant Statistics

EMPG - \$120,585 (2016)  
HMGP - \$0 (2016)  
PDM - \$0 (2016)  
SHSP - \$77,353 (2016)  
• Includes Bomb Team Equip/Train (Salem)

## County Liaison

Ed Flick, Marion County Emergency Management  
(503) 365-3133 / (503) 991-6926  
E-mail: [eflick@co.marion.or.us](mailto:eflick@co.marion.or.us)



# Hazard Profile

## Hazard/Risk Analysis Summary

Hazard	Probability	Vulnerability
Animal Disease Outbreak	Possible	Moderate
Biological/Chemical/Cyber/Explosives/Radiological Attack/Terrorism	Possible	Moderate
Civil Disorder/Terrorism	Possible	High
Dam or Levee Failure	Unlikely	Moderate
Drought	Highly Likely	High
Earthquake	Highly Likely	High
Epidemic	Possible	Moderate
Extreme Weather - High Temperature	Likely	Moderate
Flood	Likely	High
HazMat Incident	Possible	High
Landslide	Likely	High
Pandemic	Possible	Moderate
Power Failure	Possible	Moderate
Radiological Release	Unlikely	Low
School/Workplace Violence	Possible	Moderate
Severe Weather/Storm	Highly Likely	High
Tornado	Unlikely	Low
Transportation Accident/Derailment	Possible	High
Volcanic Eruption	Unlikely	Low
Wildland Fire	Possible	Moderate

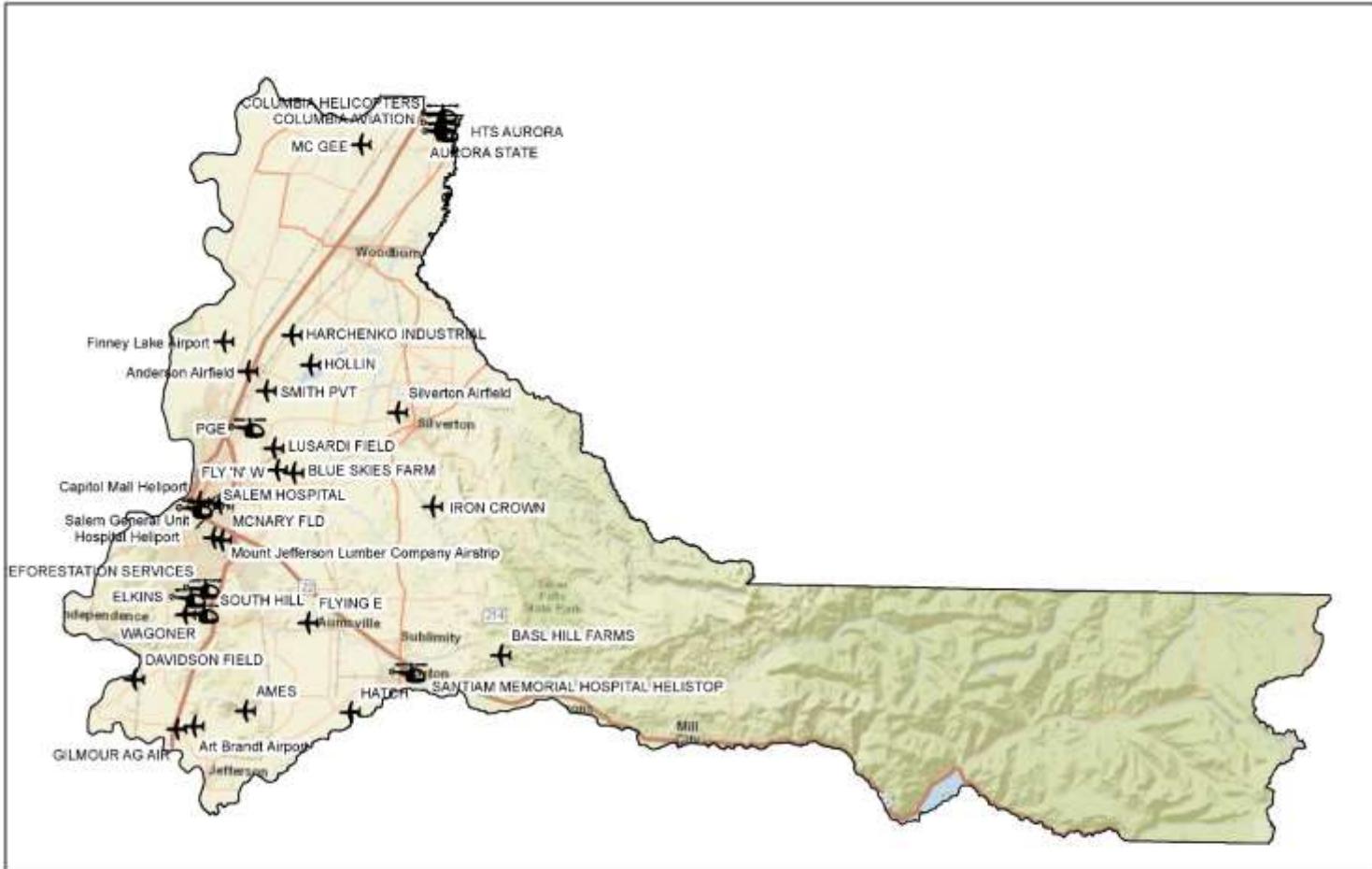
## Disaster/Emergency Management Declaration

### History:

- 1964 Heavy Rains and Flooding (DR-184)
- 1974 Severe Storms, Snowmelt and Flooding (DR-413)
- 1993 Earthquake (DR-985)
- 1996 High Winds, Severe Storms and Flooding (DR-1099)
- 2004 Severe Winter Storms (DR-1510)
- 2005 Hurricane Katrina Evacuation (EM-3228)
- 2005 Drought
- 2009 Severe Winter Storm, Record and Near Record Snow (DR-1824)
- 2012 Severe Winter Storm, Flooding, Landslides, and Mudslides (DR-4055)
- 2015 Drought



# ESF 1 – Transportation



## Marion County Airports and Heliports



DPS 3/15/17

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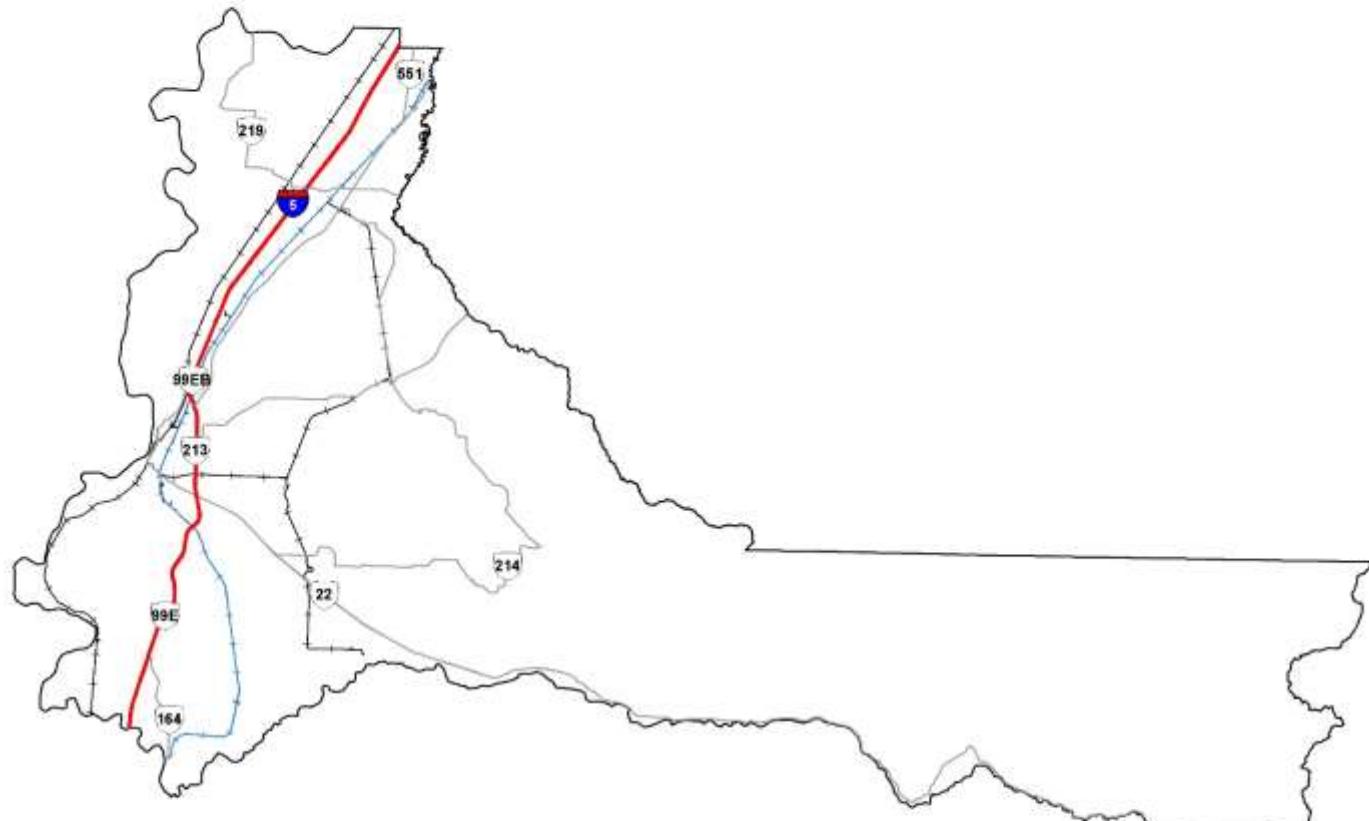


## General Stats

- 23 Private Use Airports
- 9 Heliports
- 2 Airports Public Use
  - Aurora (State)
  - McNary (City)



# ESF 1 – Transportation



## General Stats

- I-5 primary north/south route
- Railroad transport includes crude oil

### Marion County Transportation Routes



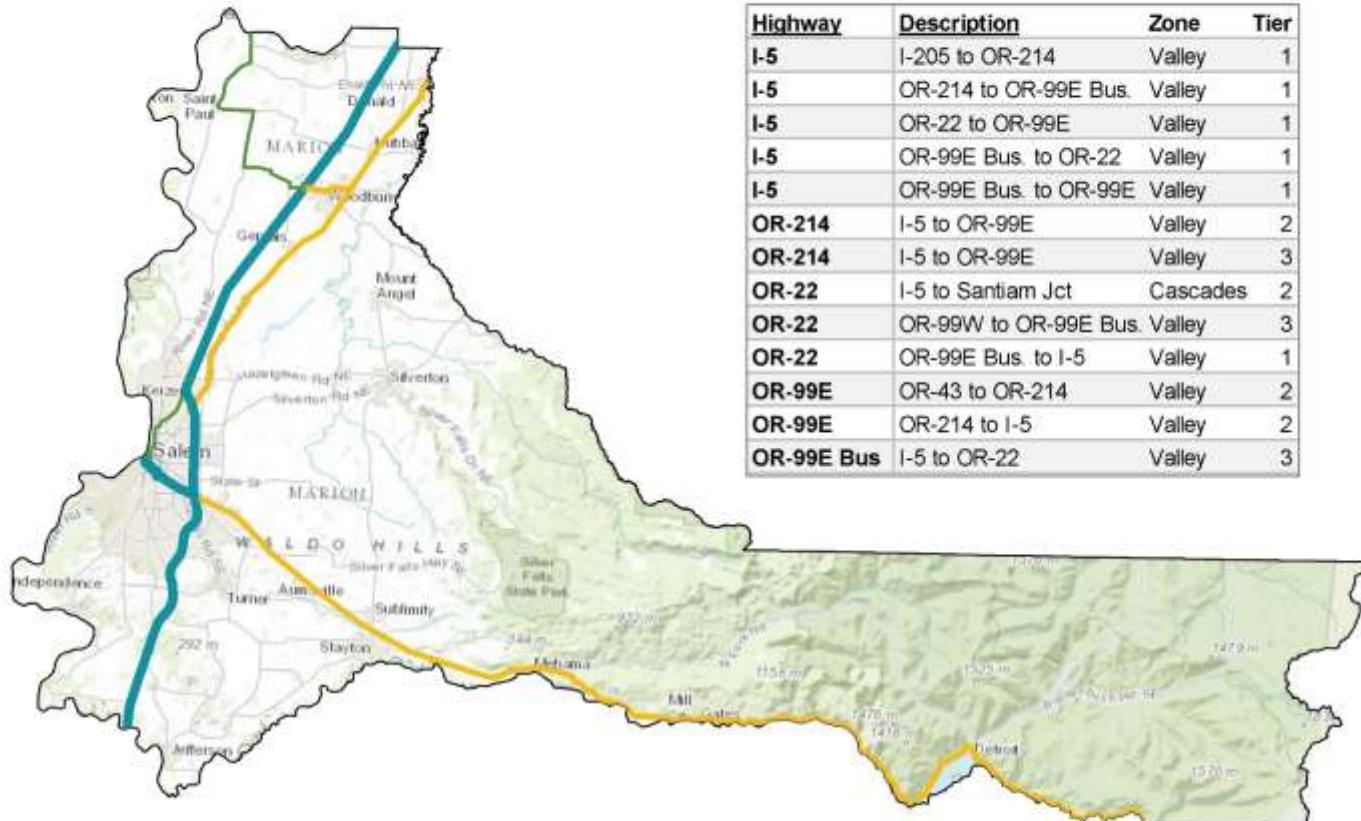
DPS 3/15/17

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- Interstate
- Oregon Routes
- Crude Oil Routes
- Railroads



# ESF 1 – Transportation



## Marion County Seismic Lifeline Routes



DPS 3/09/17

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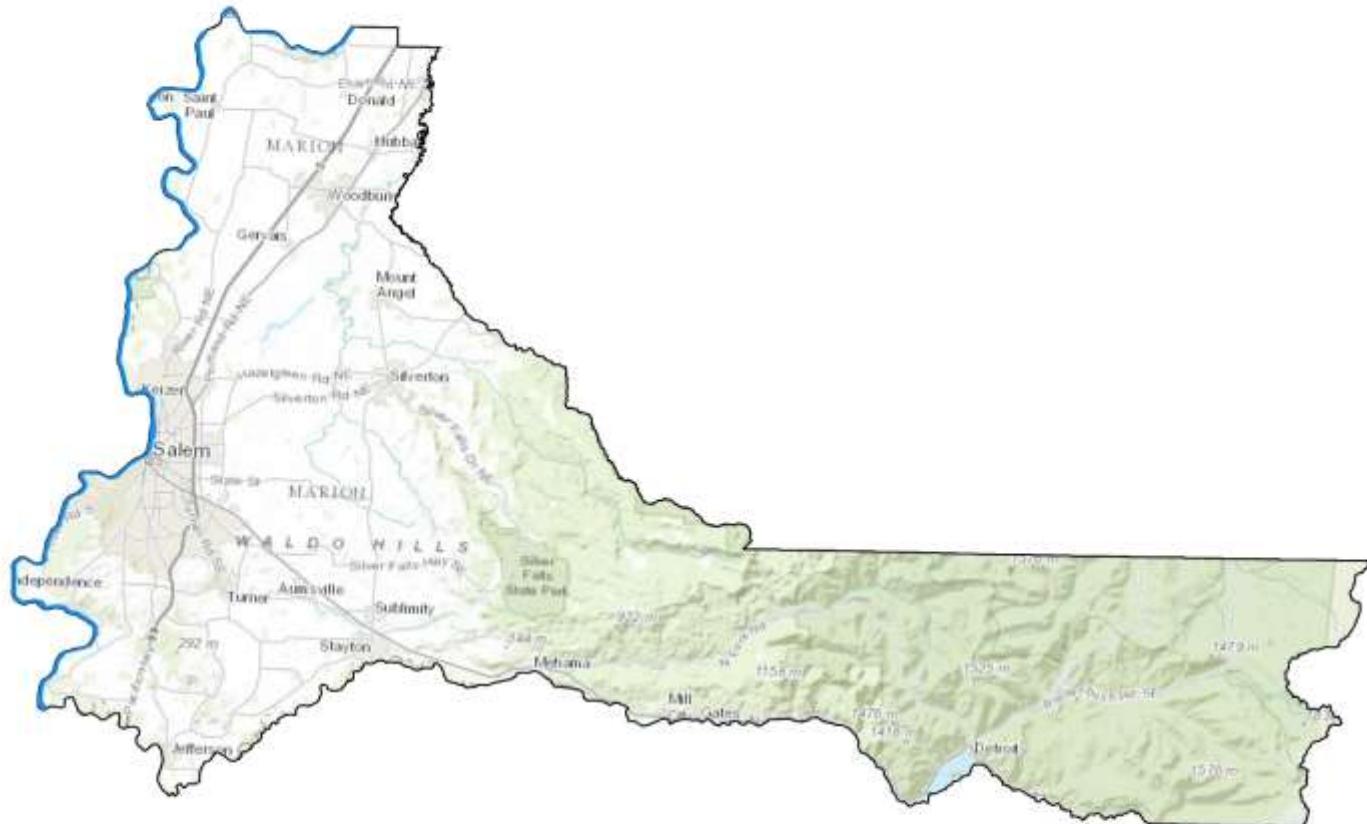
Seismic Lifeline Routes  
— Tier 1  
— Tier 2  
— Tier 3

## General Stats

- Bridges on the Willamette River carry heavy traffic and are not seismically retrofitted.
- There are a total of 150+ bridges in the county.



# ESF 1 – Transportation



## Marion County Navigable Waterways



DPS 3/22/17

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— Navigable Waterways

### General Stats

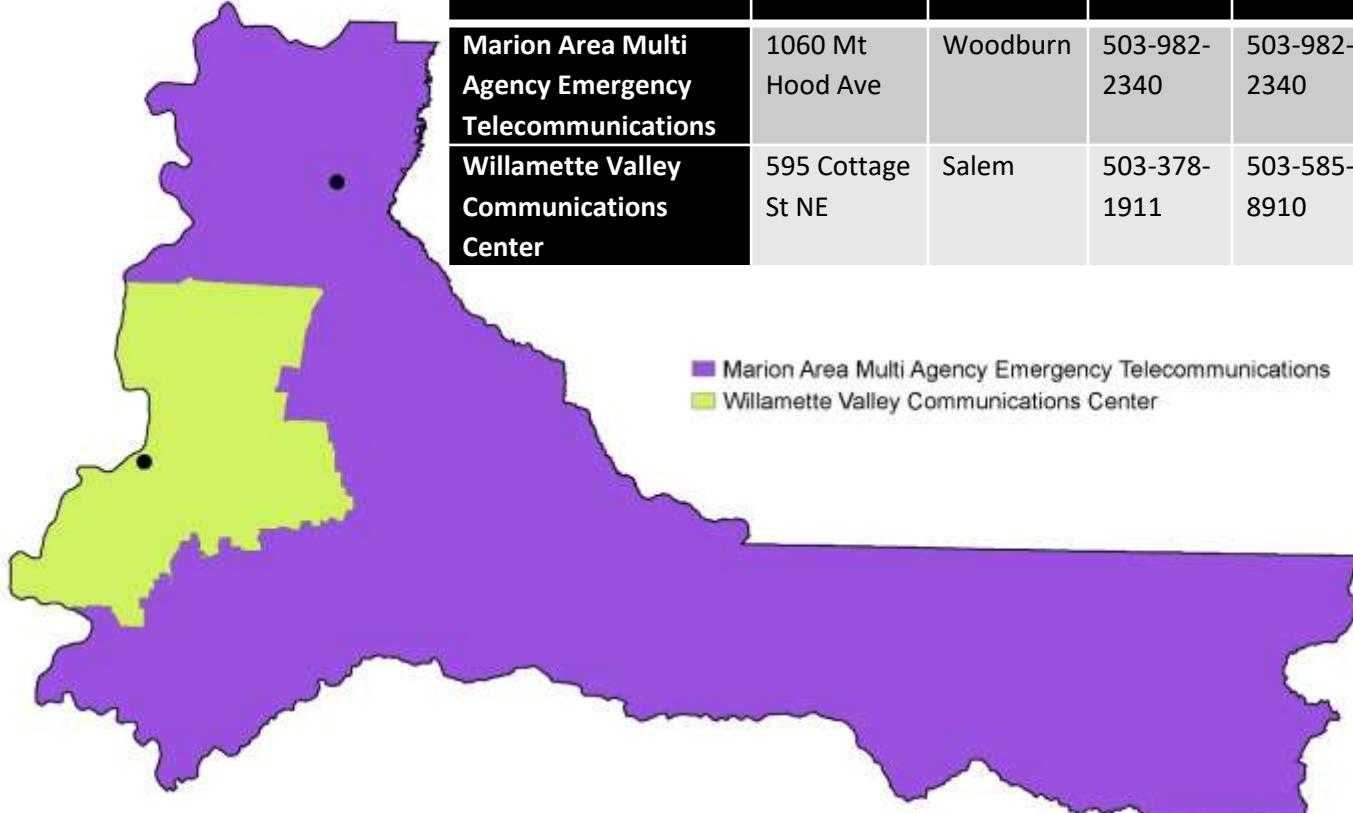
- Navigable waterways include the Willamette River along the western and northern county line
- Responsibility for Detroit Reservoir (partnership with US Army Corps).



# ESF 2 – Communications



PSAP Name	Address	City	Tel	Emergency
Marion Area Multi Agency Emergency Telecommunications	1060 Mt Hood Ave	Woodburn	503-982-2340	503-982-2340
Willamette Valley Communications Center	595 Cottage St NE	Salem	503-378-1911	503-585-8910



## General Stats

- Willamette Valley Communications Center also serves Lincoln and Polk Counties

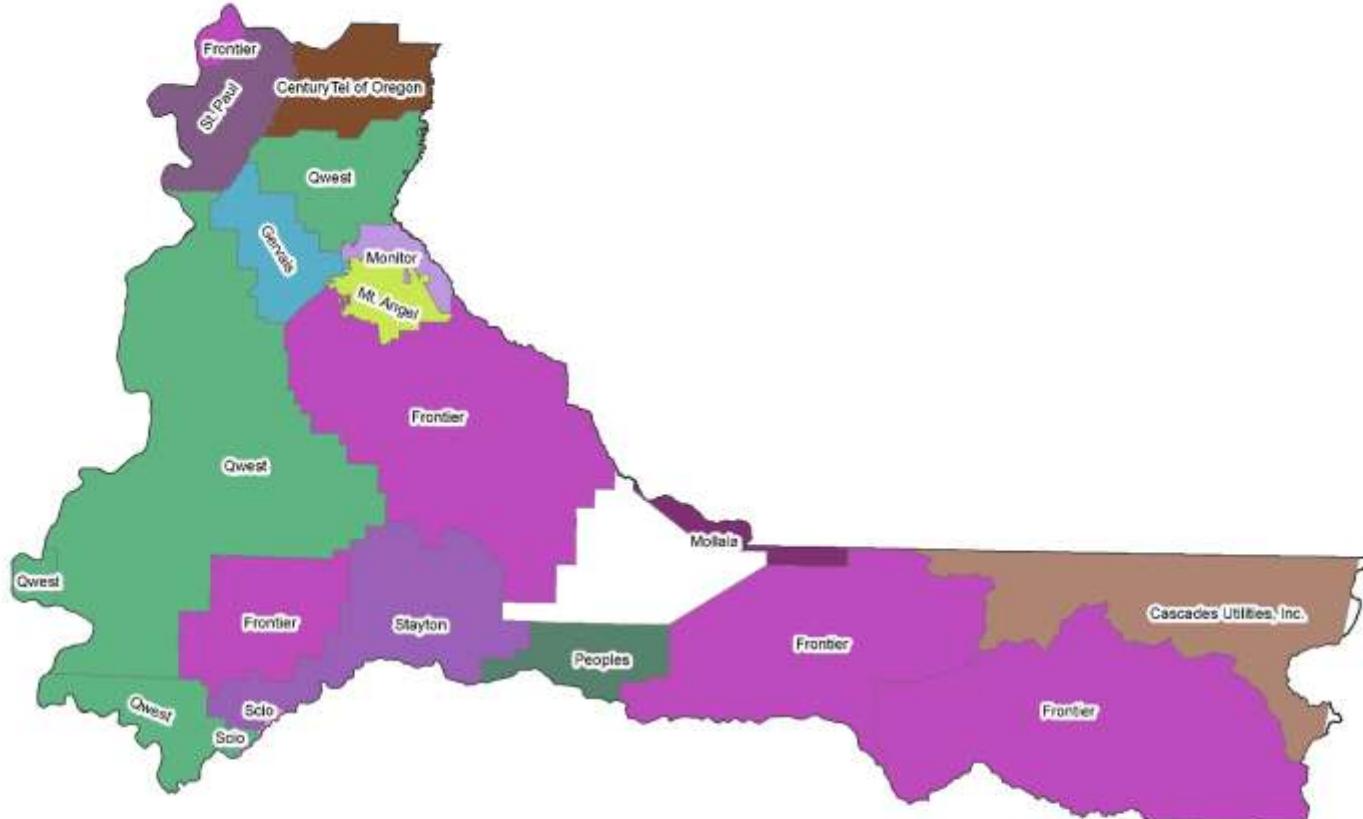


## Marion County Public Safety Answering Points (PSAPs) Boundaries and Locations

● PSAP Locations



# ESF 2 – Communications



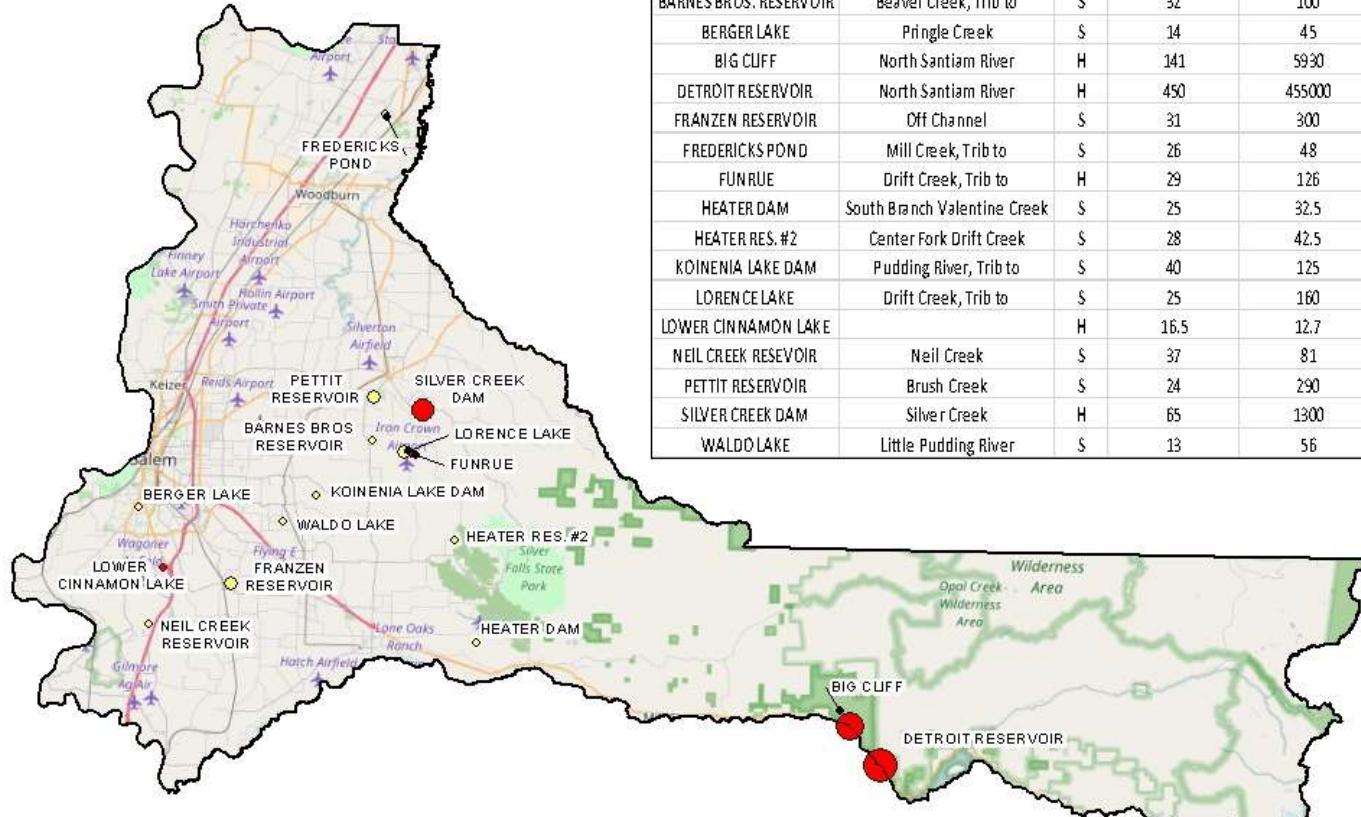
## Marion County Telephone Company Allocated Service Territories

Cascades Utilities, Inc.	Mt. Angel
CenturyTel of Oregon	Peoples
Frontier	Qwest
Gervais	Scio
Mollala	Scio
St. Paul	Scio
Monitor	Stayton

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# ESF 3 – Public Works



## Marion County Dams

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DPS 7/18/17

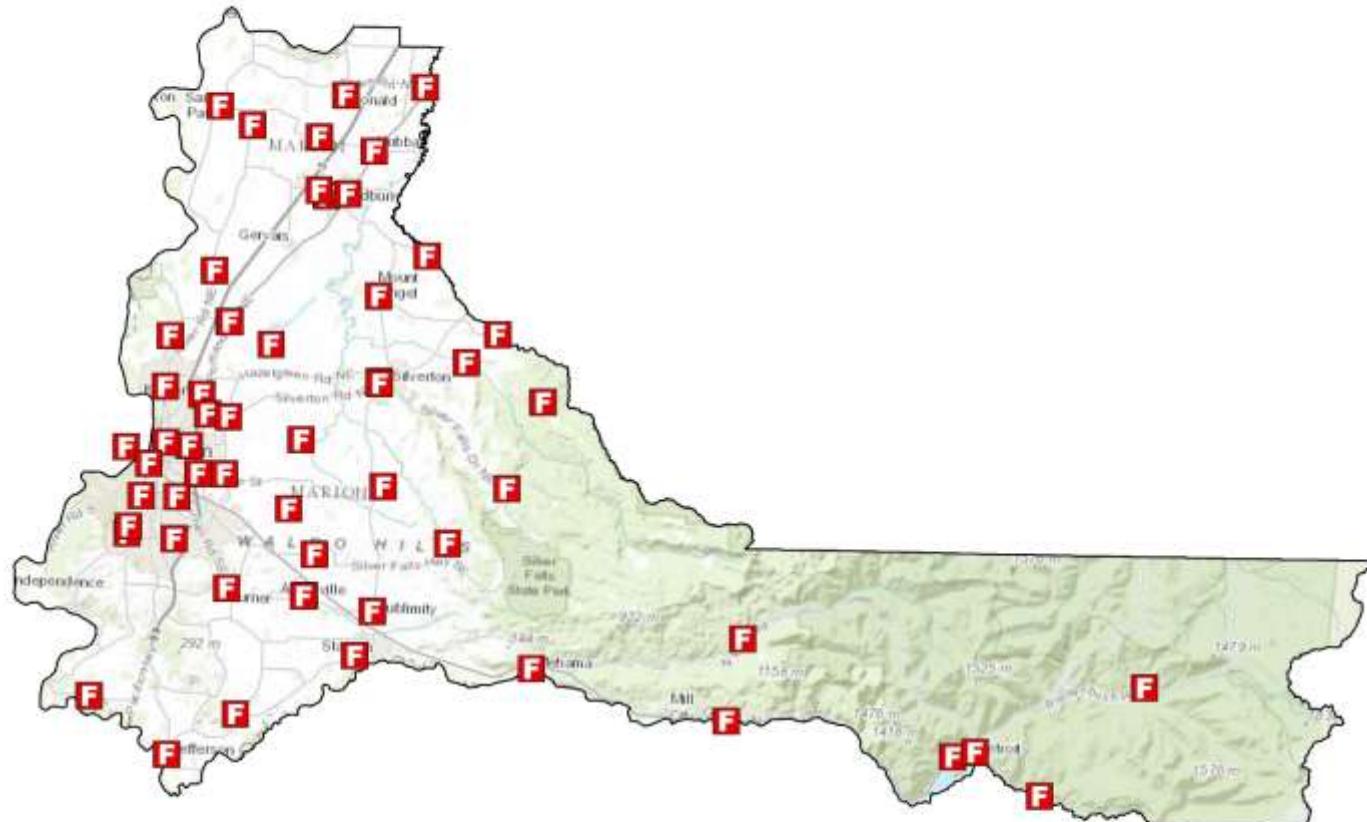
High Hazard	Significant Hazard
● up to 150 ac/ft	○ up to 150 ac/ft
● up to 500 ac/ft	○ up to 500 ac/ft
● up to 2000 ac/ft	● up to 2000 ac/ft
● up to 6000 ac/ft	● up to 6000 ac/ft
● up to 465000 ac/ft	● up to 465000 ac/ft
	● up to 4650000 ac/ft

## General Stats

- 3 High Hazard Dams – storing a combined 1,431 acre feet
- 11 Significant Hazard Dams – storing a combined 1,280 acre feet
- Big Cliff and Detroit Dams border Linn and Marion Counties



# ESF 4 – Firefighting



## General Stats

- 57 total fire stations representing 23 different fire departments

### Marion County Fire Stations



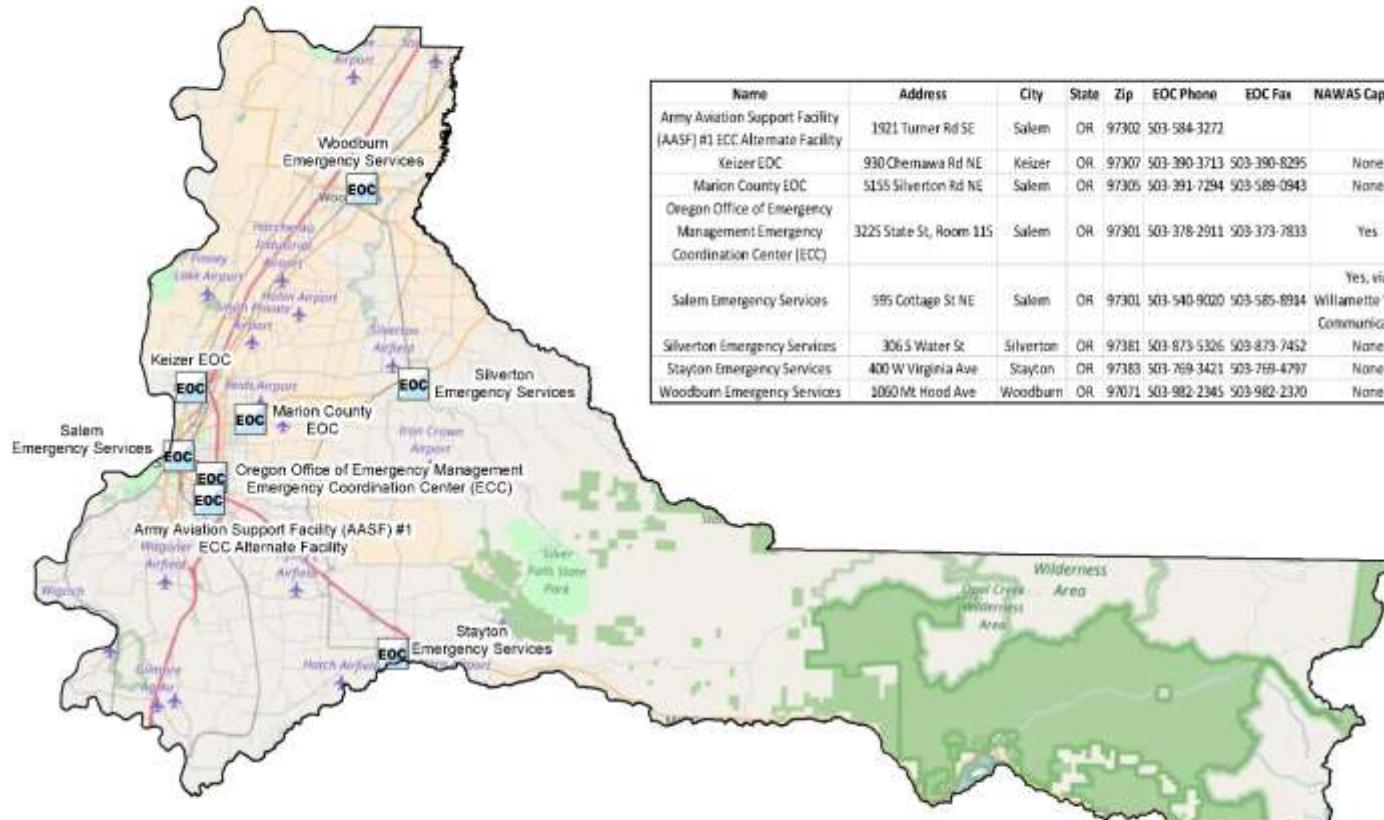
DPS 3/16/17

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**F** Fire Station



# ESF 5 – Information and Planning



## Marion County Emergency Operation Centers (EOCs)



DPS 3/15/16

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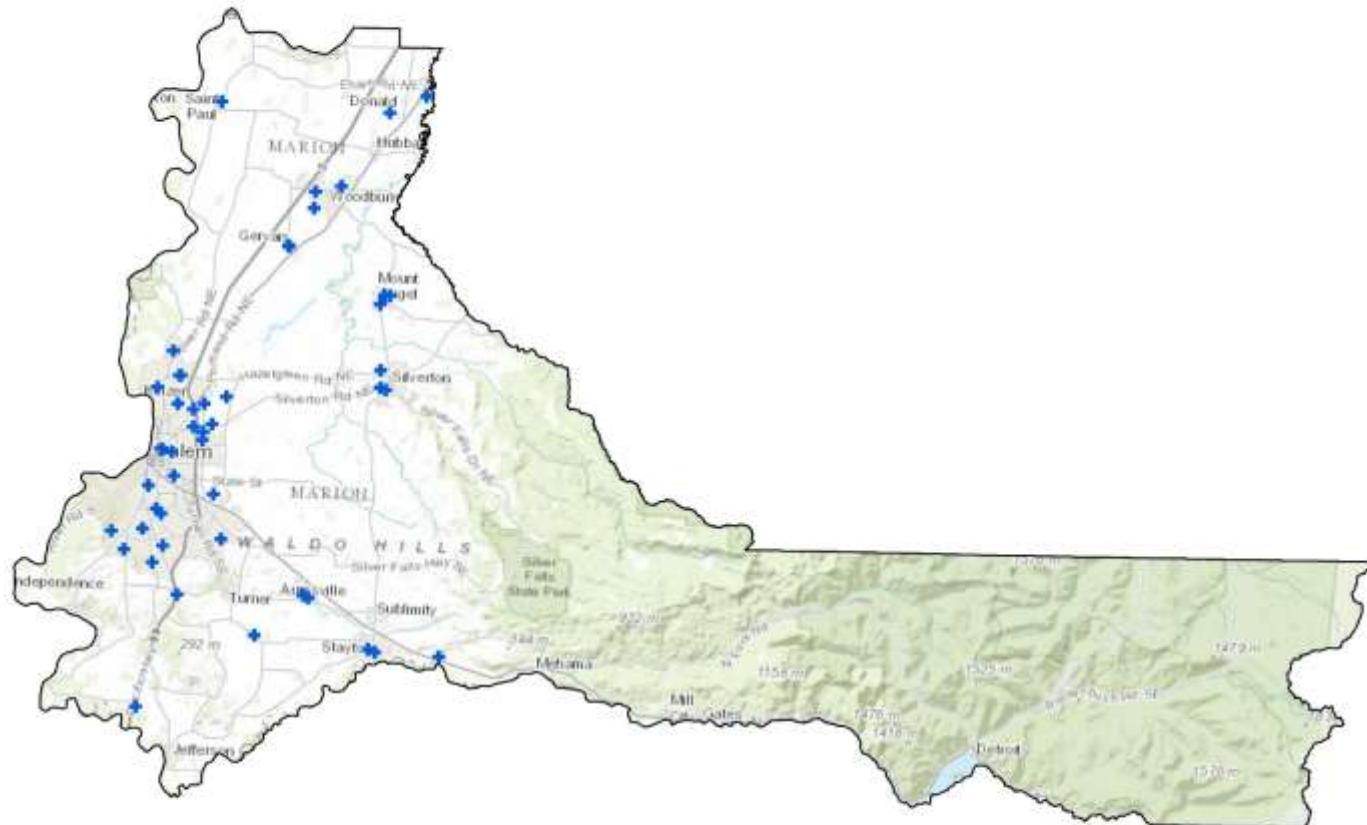
EOC Locations

## General Stats

- Salem Emergency Services co-located with Willamette Valley Communications Center



# ESF 6 – Mass Care



## General Stats

- 50 total shelters (National Shelter System)



DPS 3/15/17

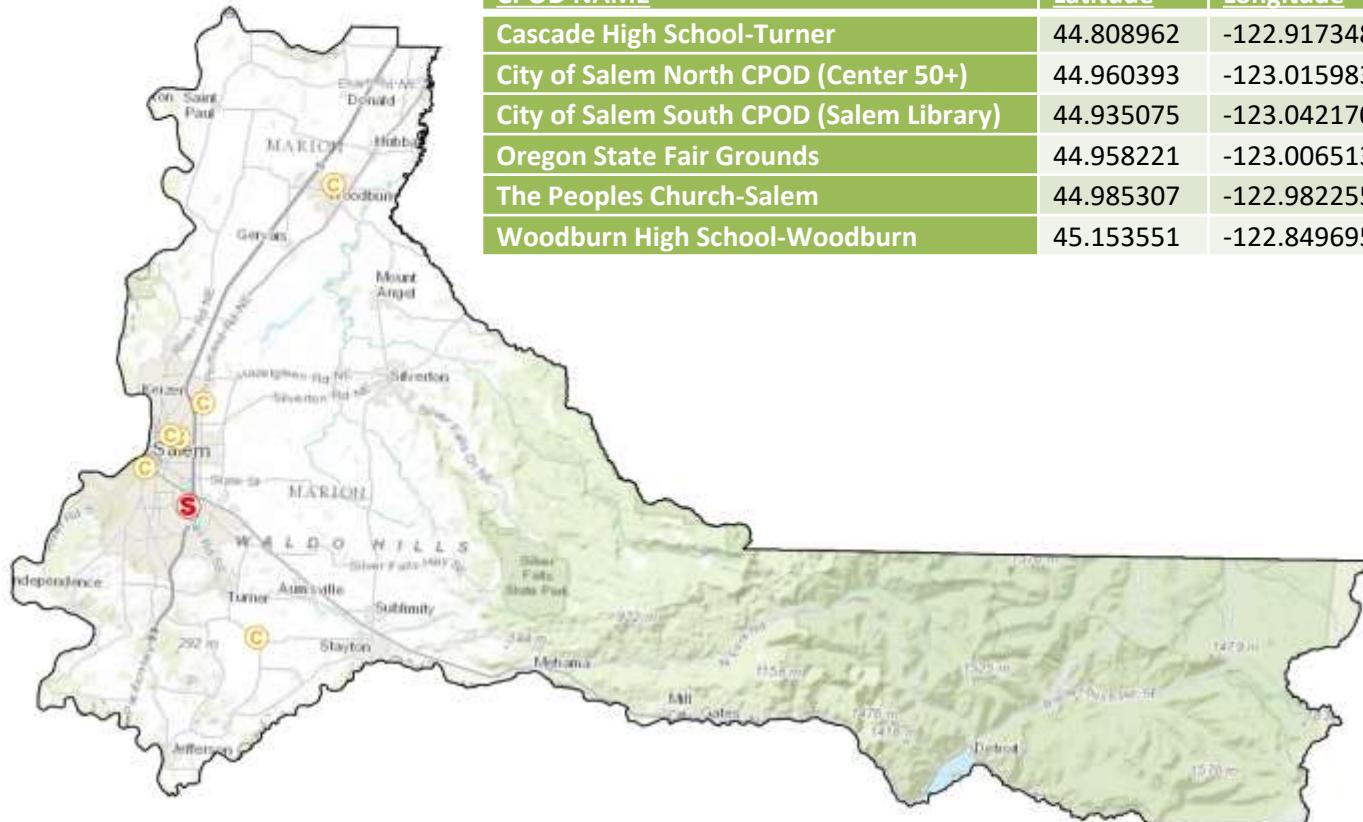
## Marion County Shelters

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♦ Shelter Locations



# ESF 7 – Resource Support



## General Stats

- McNary Field is both a State Staging Area and Forward Staging Area



## Marion County Logistics Sites

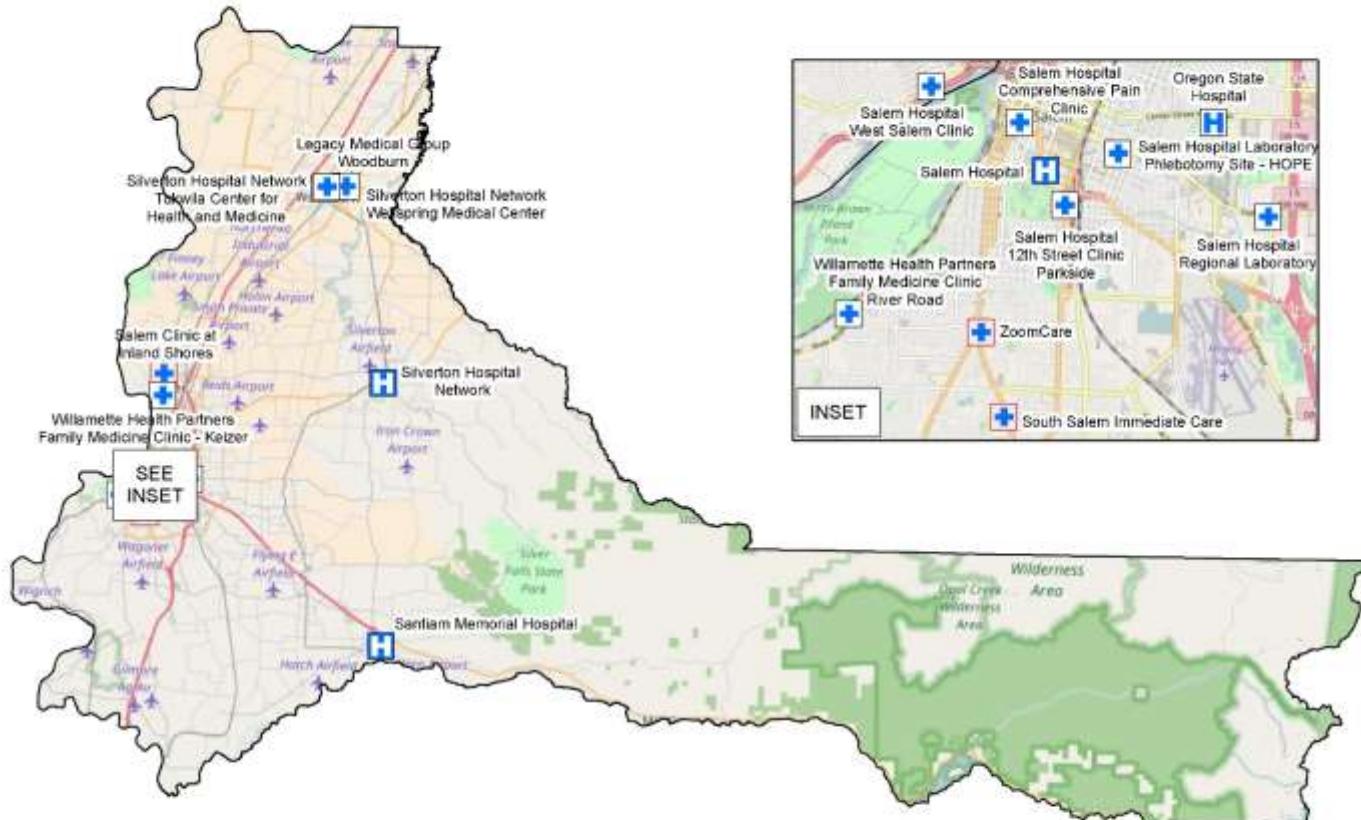
DPS 3/15/17

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- State Staging Areas (SSA)
- Incident Support Bases (ISB)
- Forward Staging Areas (FSA)
- Community Points of Distribution (CPODs)



# ESF 8 – Health and Medical



## Marion County Hospitals and Urgent Care Centers



DPS 3/15/17

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- Hospital (Trauma)
- Hospital (Non-Trauma)
- Hospital Satellites
- Urgent Care Centers

## General Stats

- 3 Trauma Centers
  - Salem Hospital (Level 2)
  - Santiam Memorial (Level 4)
  - Silverton Hospital (Level 4)



# ESF 9 – Search and Rescue

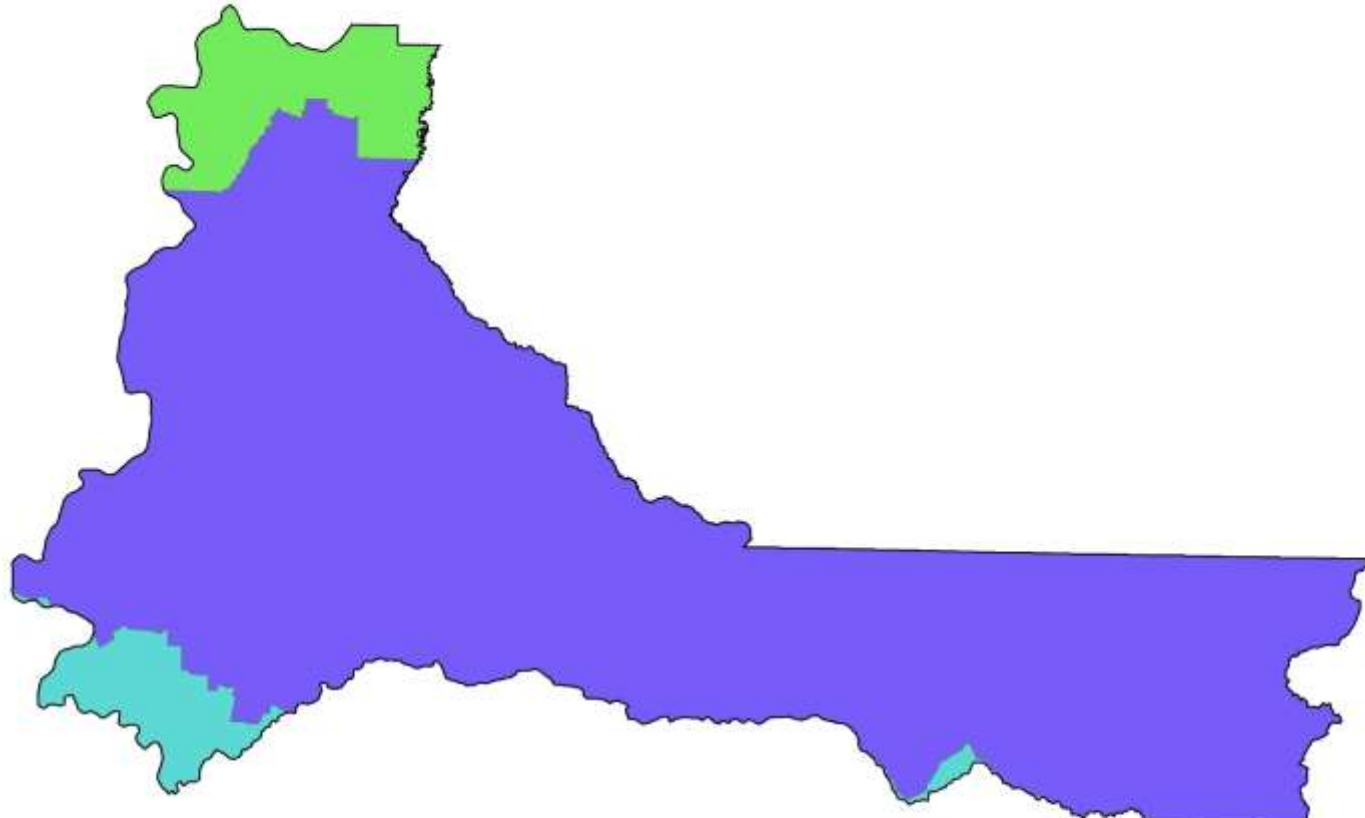


## Search and Rescue Teams:

- Jeep Patrol
  - Mission: to provide search and rescue services, with an emphasis on 4 wheel drive vehicles.
- Mounted Posse
  - Mission: to provide search and rescue services, with an emphasis on horses.
- Search and Rescue Communications (SARCOM)
  - Mission: to provide radio communication for all search teams and support for base operations.
- Special Vehicles Unit
  - Mission: to provide assistance, state wide, in the search for and rescue of a person or persons lost, missing and / or injured due to, but not necessarily limited to : outdoor activities, crashes of aircraft, industrial accidents, multi-casualty incidents, or natural or terrorist related disasters.
- Team 18
  - Mission: to provide personnel for ground searches for missing persons, evidence of crimes, and other related missions.



# ESF 10 – Hazardous Materials



## Marion County Hazmat Team Boundaries



DPS 3/16/17

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■ Linn/Benton  
■ Salem  
■ Tualatin Valley

### General Stats

- The Salem Hazmat Team base is located Salem Fire Station #10 at 3601 State St, Salem



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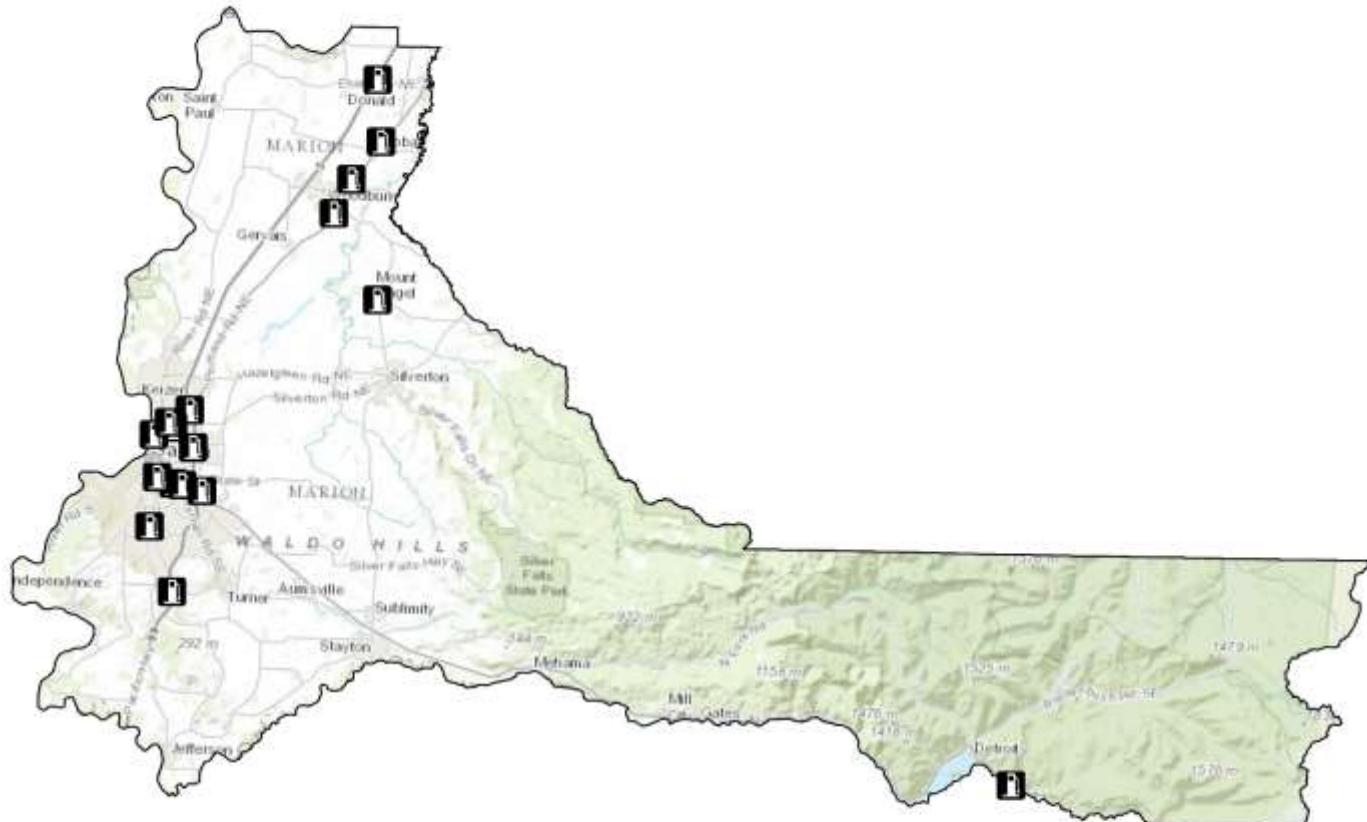
# ESF 11 – Food & Water

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# ESF 12 – Energy



## Marion County Cardlock Facilities



DPS 3/15/17

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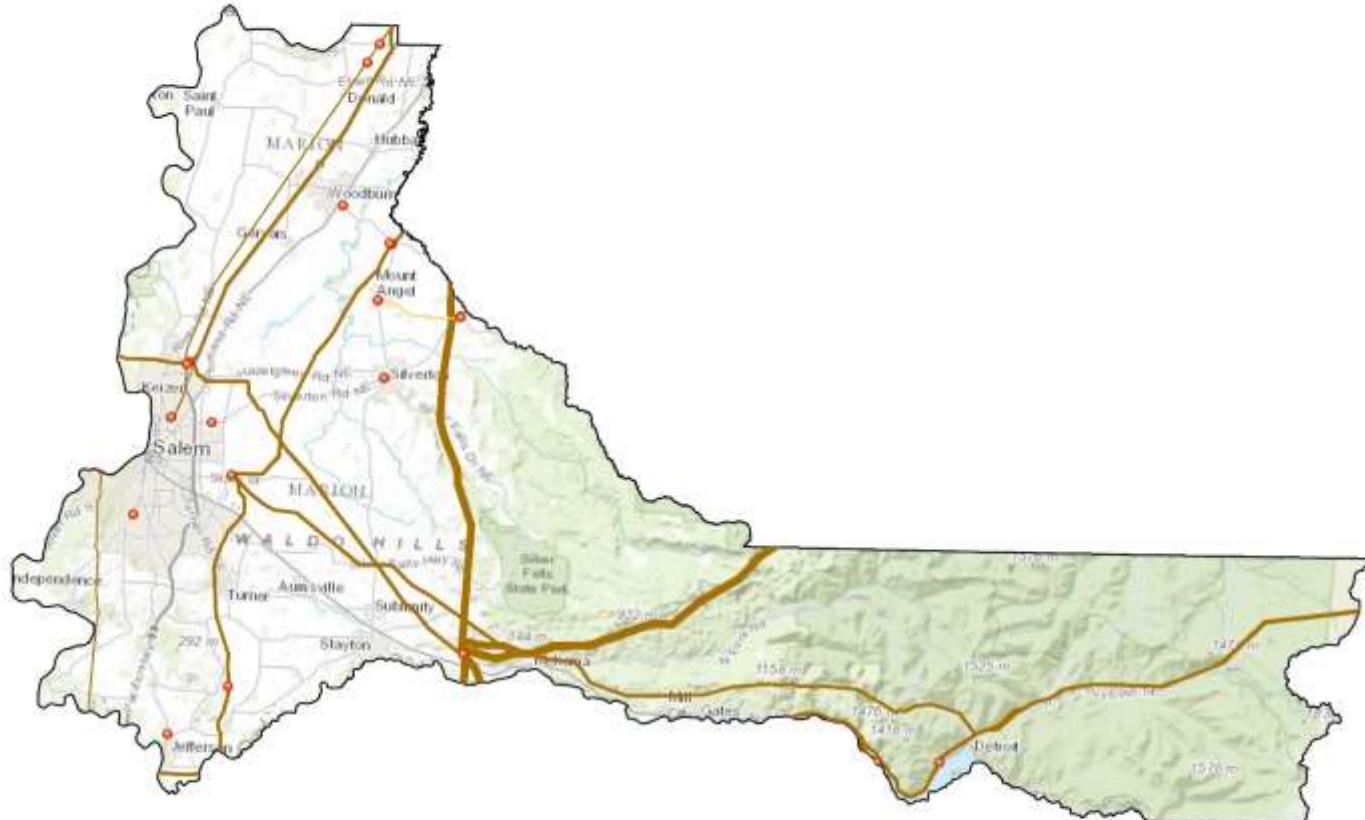
 Cardlock Facilities

## General Stats

- 17 total cardlock facilities
- All liquid fuel is transported by truck/rail/pipeline from fuel storage facilities in Portland.
- Lack of capability to pump fuel locally without power.



# ESF 12 – Energy



## Marion County Electric Transmission



DPS 3/15/17

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### Electric Substations

### Transmission Lines

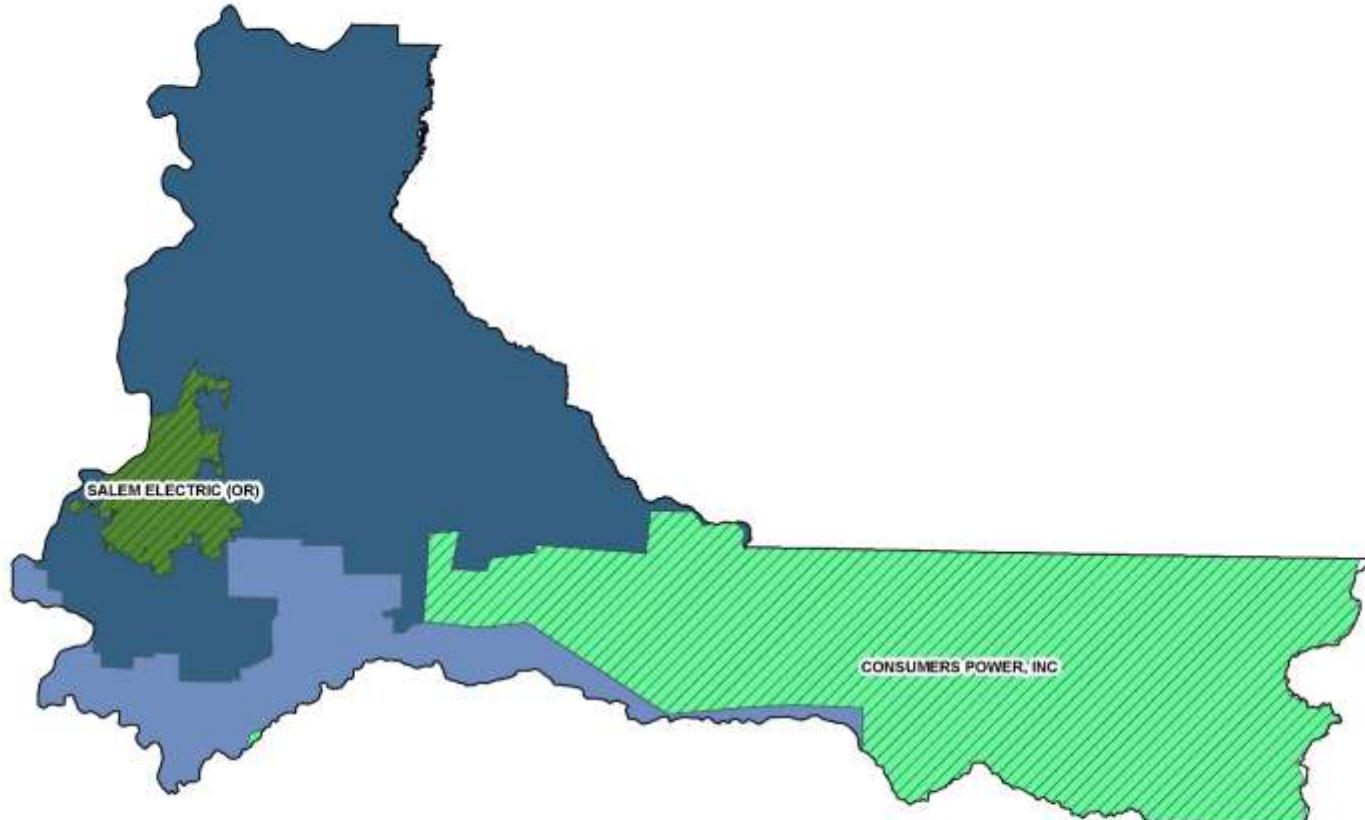
- 100-161V AC
- 230-287V AC
- 500V AC
- Unknown

## General Stats

- Major lines (500 Volt AC) owned and operated by Bonneville Power Administration
- Very little power generated locally



# ESF 12 – Energy



## Marion County Electric Service Territories



DPS 4/27/17

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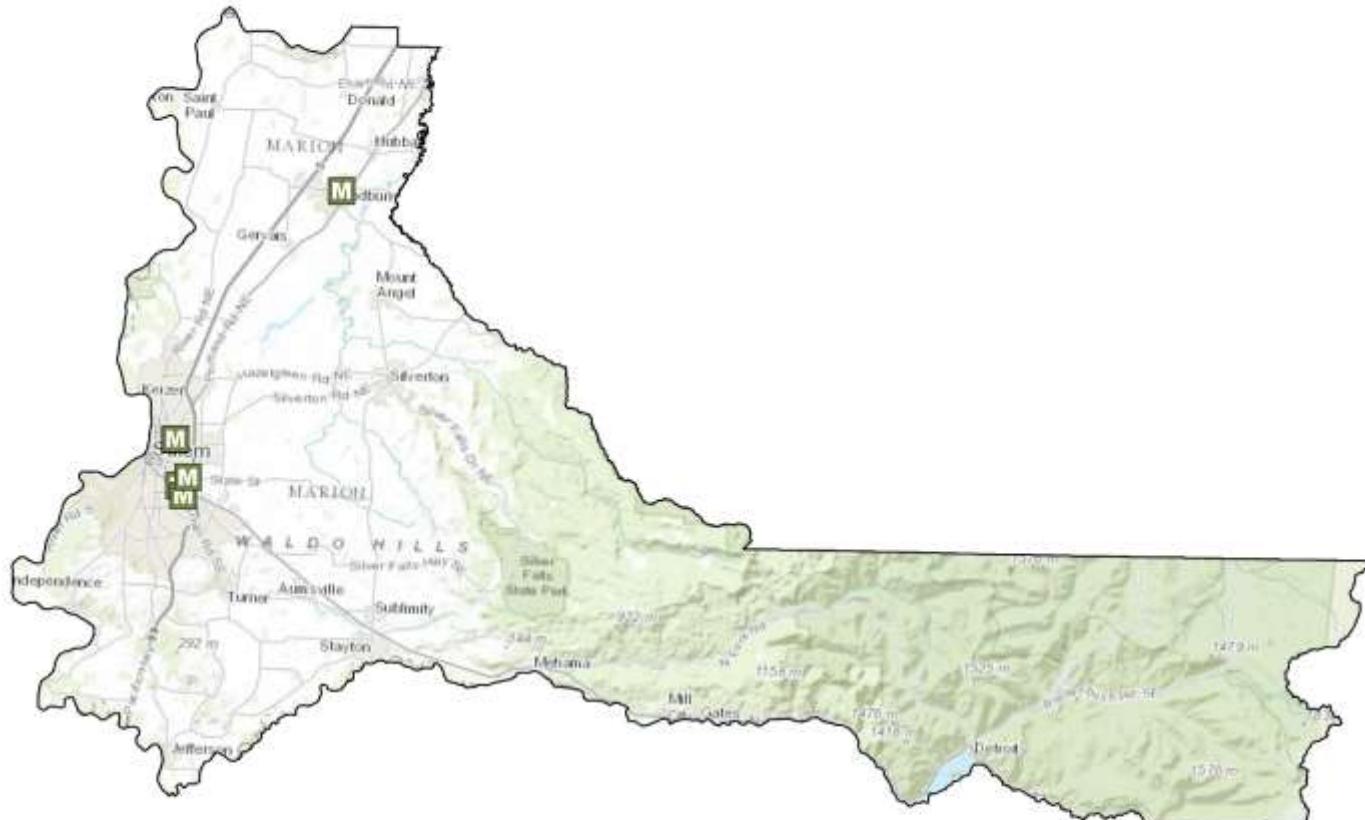
- CONSUMERS POWER, INC
- PACIFICORP
- PORTLAND GENERAL ELECTRIC CO
- SALEM ELECTRIC (OR)
- Indicates Co-Op Utility

### General Stats

- Both Salem Electric and Consumers Power are Co-op owned utilities
- Salem Electric also serves West Salem (Polk County)



# ESF 13 – Military Support



## Marion County Military Facilities



DPS 3/16/17

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Military Facilities

### General Stats

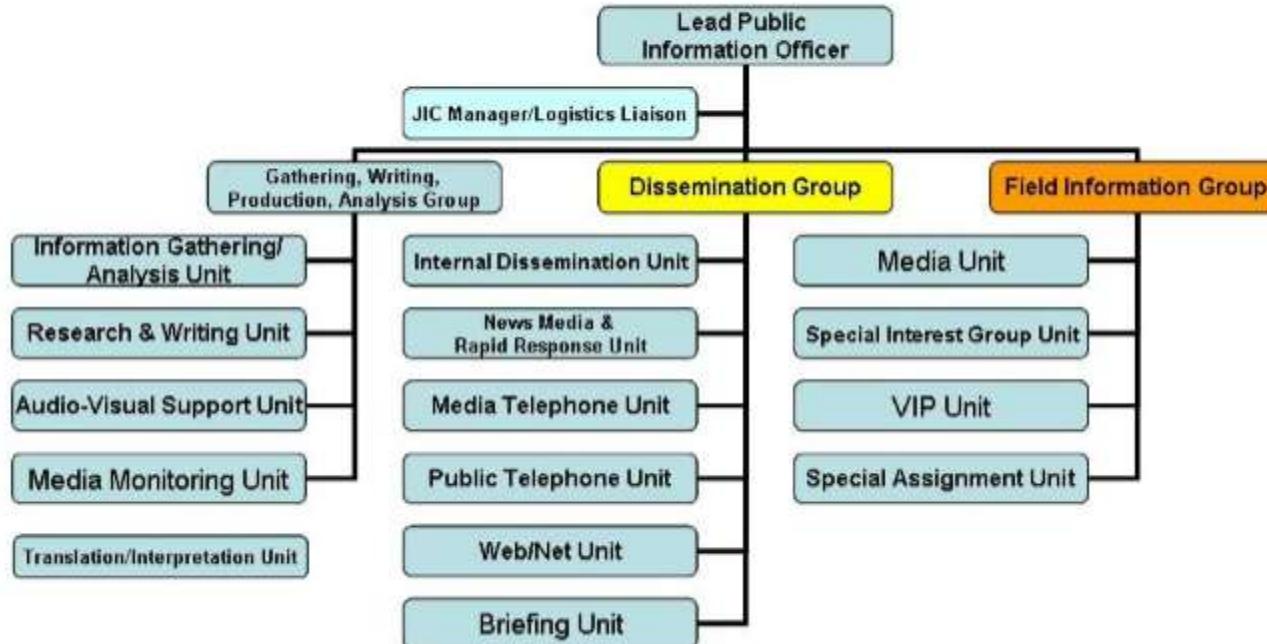
- 2 Armories (Salem and Woodburn) including 1 training facility (Salem Armory Auditorium)
- Military Department Headquarters (OMD)
- McNary Field (Airfield)
- Anderson Readiness Center



# ESF 14 – Public Information



## PIO Team/JIC Organization and Functions



January 2007

## Social Media Sites

<https://www.facebook.com/mcemergency>

<https://twitter.com/marioncountyem>

<https://twitter.com/cityofsalem>



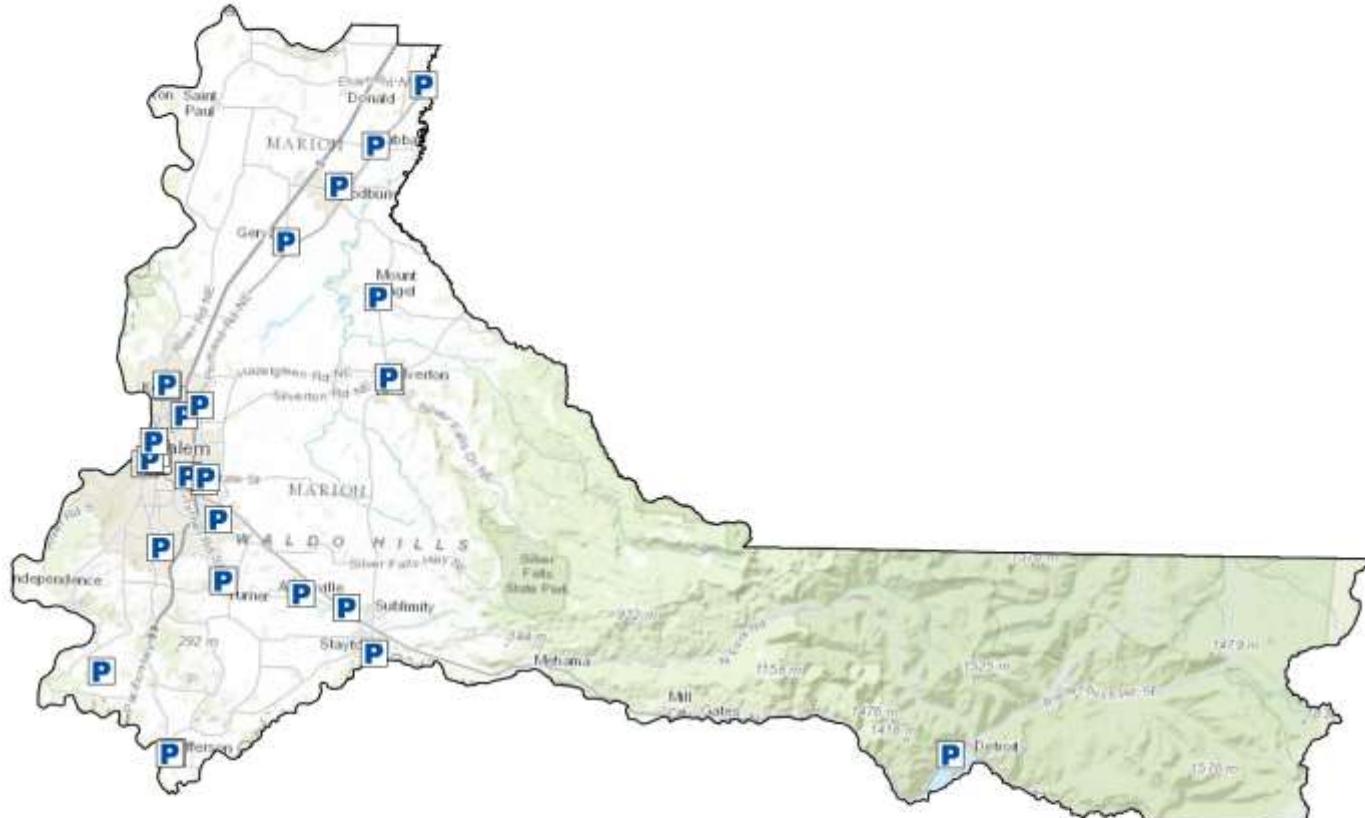
# ESF 15 – Volunteers and Donations



Contact Name	COAD Name	Phone	Email
Ed Flick	Marion/Polk Counties	(503) 365-3133	<a href="mailto:eflick@co.marion.or.us">eflick@co.marion.or.us</a>
Kaylene Henderson	Marion/Polk Counties		<a href="mailto:kaylenehenderson@live.com">kaylenehenderson@live.com</a>
Mike Roth	Marion/Polk Counties	(503) 589-8152	<a href="mailto:mroth@corban.edu">mroth@corban.edu</a>



# ESF 16 – Law Enforcement



## Marion County Law Enforcement Departments



DPS 3/16/17

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Law Enforcement

## General Stats

- 18 different police and sheriff departments represented, including State Police, US Bureau of Land Management, US Forest Service (Willamette National Forest), and US Fish and Wildlife



# ESF 17 – Agriculture and Animal Protection



## Lead Agencies for Support

- Marion County Emergency Management
- Marion County Extension (OSU)
- Marion Soil and Water Conservation District
- Farm Service Agency

## Supporting Agencies/Entities

- Local volunteer agencies (Society for the Prevention of Cruelty to Animals, Humane Society)
- Marion County Health Department



# ESF 18 – Business and Industry



## Economy

<b>Unemployment rate (2016)</b> 7.5%	<b>Median household income (2011-2015)</b> \$48,432
<b>All firms (2012) – includes non-paid employees</b> 22,621	<b>In civilian labor force 16+ (2011-2015)</b> 61.7%
<b>Total employer establishments (2014) – only firms with paid employees</b> 7,734	<b>% of students eligible for free/reduced price lunch</b> 61.7%

**Primary Economy:** Government, agriculture, food processing, forest products, manufacturing, education and tourism