

Hazard Mitigation Plan City Services Meeting

June 26, 2025 – 9:30-11:00 a.m.

Marysville Civic Center

Notes

Participants

Assistant Parks, Culture, and Recreation Director
Building Official
City Administrator
Emergency Preparedness Manager
Emergency Preparedness Specialist
Engineering Services Director

Grants Coordinator
Information Services Director
Interim Community Development Director
Storm and Wastewater Utility Manager
Water Utility Manager

Meeting Summary

Hazard Mitigation Plan Presentation

The meeting began with a short description of the actions taken on the island of Heimaey during a volcanic eruption in 1973 to highlight a community's resilience. Marysville Emergency Management presented preliminary information from the risk assessments. This included hazard maps as well as the amount of land and buildings located in different hazards zones. The presentation also included a list of what may be at risk from hazards. This information was gathered from previous HMP meetings and Geographic Information Systems (GIS) analysis. Participants then discussed what a resilient community might look like and what capabilities there are to mitigate against hazards. Highlights from the conversation and copies of the presentation slides are listed below. Participants reviewed 2020 plan mitigation goals and discussed how they fit our current priorities.

Summary of discussion items on what would make a resilient community and how we could use our capabilities to support mitigation efforts:

- Focus on balancing different priorities from different entities/disciplines (ex. push to raise tree canopy and wildfire risk)
- Earthquake early warning system utilized by public and other entities
- Robust cell system (and back ups like cell on wheels)
- Identified reunification centers and other key locations

- Map of where staff live and who might be isolated or unable to get to work
- Knowledge of qualifications needed for local individuals to fill roles
- Back up fuel supply and distribution
- Access to remote sites without road damage
- Recognizing that Marysville is the largest City in our population island, we should have backups
- Identified landing zones for movement of supplies
- Agreements with local resources (ex. big box stores, rental companies, National Guard)
- Investments in I-5 corridor and recognizing the role it plays in connecting communities
- Redundant water system (ensuring drinking water, fire flow, etc.) and equipment/staffing to support it
- Mapping of local healthcare providers when cut off from hospitals
- Plans for how to provide services to healthcare centers
- Plan for getting staff around when roads and bridges are out
- More training for staff to provide support for critical operations (ex. building inspections after an earthquake)
- Emphasis in coordinating mitigation efforts with the Comprehensive Plan
- Warning systems in public areas and businesses for tsunami/earthquake
- Reserve policy in place for disaster costs

HMP City Services Meeting Slides

Hazard Mitigation Plan City Services Meeting

Thursday, June 26, 2025
9:30 – 11:00 a.m.
MCC Council Chambers

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Risk Assessment Data

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Flooding

100 Year Flood	
Buildings	89
Building Assessed Value	\$32,515,980
Parcels	461
Affected Land Value	\$62,066,533
Critical Facilities	26

500 Year Flood	
Buildings	104
Building Assessed Value	\$36,460,280
Parcels	826
Affected Land Value	\$66,339,129
Critical Facilities	0

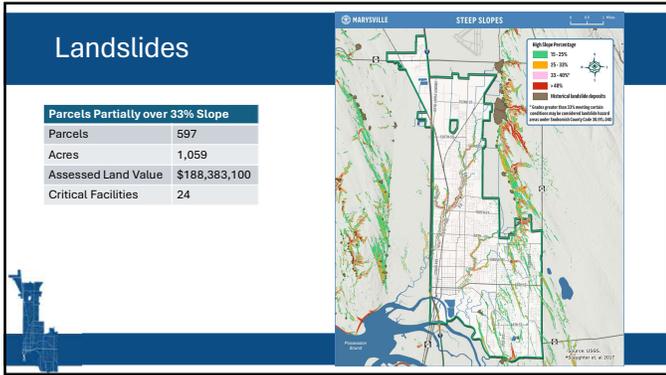
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Dam Inundation

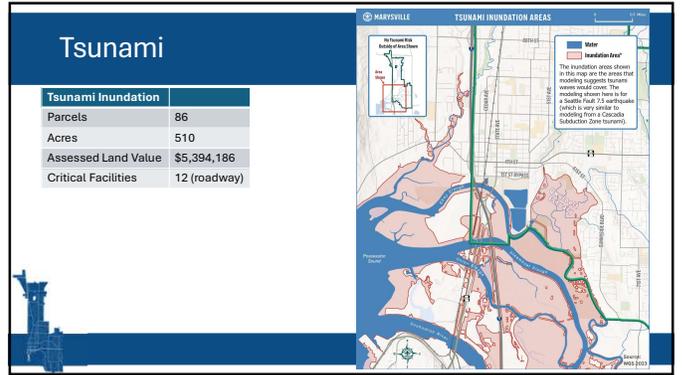
Culmback Dam	
Buildings	24
Building Assessed Value	\$5,652,890
Parcels	91
Affected Land Value	\$31,367,700
Critical Facilities	4

Stormwater Ponds	
Buildings	40
Building Assessed Value	\$62,541,552
Parcels	79
Affected Land Value	\$23,628,283
Critical Facilities	2 (ponds)

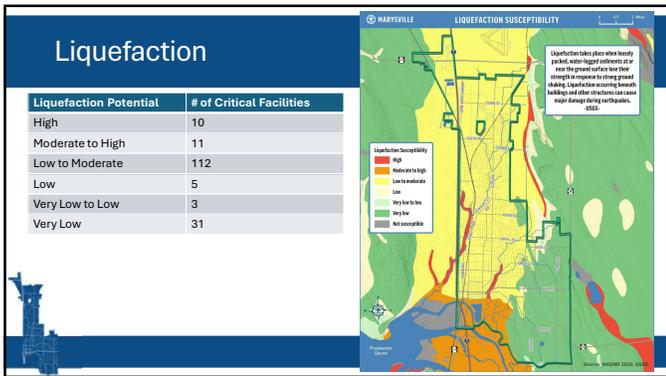
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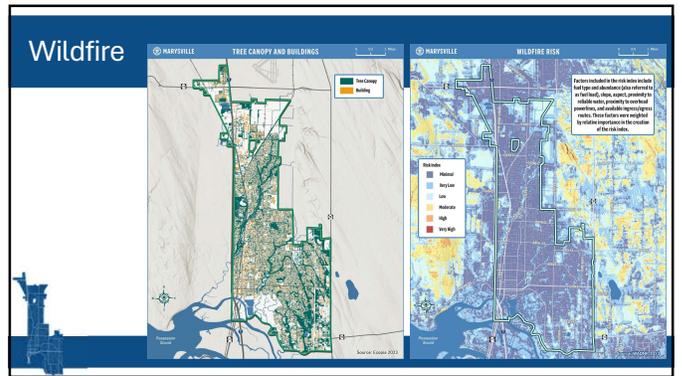
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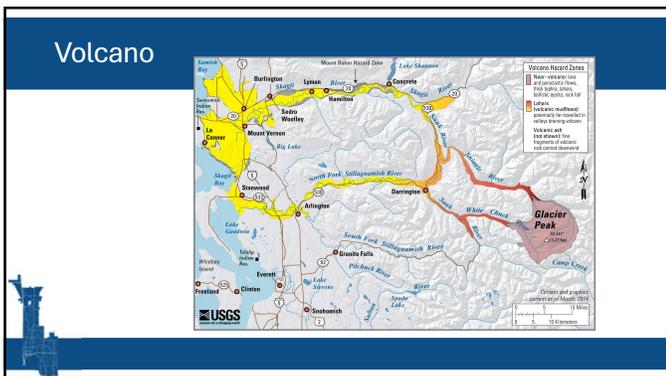
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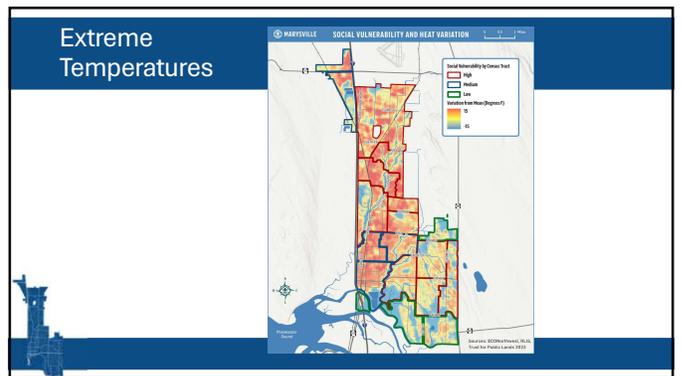
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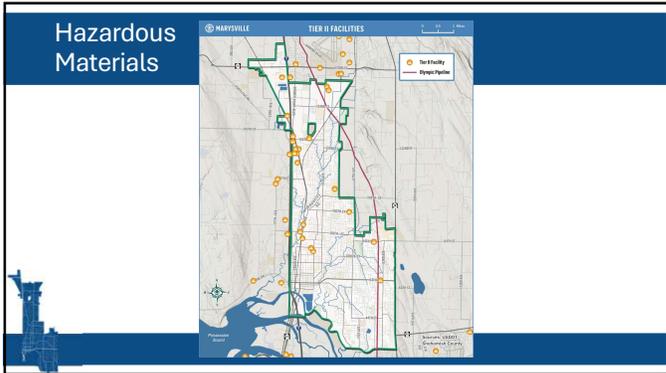


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Severe Weather

Hazard Event Type	FEMA Disaster Number	Date of Hazard Event	Preliminary Damage Assessment Amount
Severe Winter Storm, Straight-line Winds, Flooding, Landslides, and Mudslides	4682-DR-WA	November 2022	\$224,495.00
Severe Storm, Flooding, Landslides, and Mudslides	4539-DR-WA	January 2020	\$548,000.00
Severe Winter Storms, Straight-line Winds, Flooding, Landslides, Mudslides, and Tornado	4418-DR-WA	December 2018	\$624,603.12
Severe Winter Storms, Straight-line Winds, Flooding, Landslides, and Mudslides	4249-DR-WA	November 2015	\$95,528.36
Severe Windstorm	4242-DR-WA	August 2015	\$67,289.05
Severe Winter Storm, Flooding, Landslides, and Mudslides	4056-DR-WA	January 2012	\$56,156.77
Severe Winter Storm and Record and Near Record Snow	1825-DR-WA	December 2008	\$50,201.85
Severe Winter Storm and Flooding	1159-DR-WA	January 1997	\$80,593.00

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- ## Other Hazards
- Epidemic/pandemic
 - Train Incident
 - Cybersecurity threats
 - Active assailant or terrorist attack

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- ## What's at risk?
- Critical Infrastructure**
- Communications systems (911 dispatch, emergency communications, cell phones)
 - Power grid (PUD substations, electrical grid, transmission lines, smart vehicles)
 - Water systems (reservoirs, treatment plants, wells, main breaks, contamination, automation failure)
 - Stormwater system (pollution, runoff risk)
 - Wastewater & stormwater (WWTP, conveyance systems, treatment outfalls)
 - Transportation (bridges, roads, trails, transit networks, BNSF rail, Amtrak)
 - Municipal facilities (public works, MCC/jail, community center, other city buildings)

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- ## What's at risk?
- Public Services and Operations**
- Schools, libraries, community centers, and churches
 - Emergency services (fire response, jail operations, continuity of government, police)
 - Healthcare access (hospitals, clinics, delayed surgeries, fire district transports, supply shortages)
 - Solid waste and sanitation (garbage collection, healthcare waste handling)

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- ## What's at risk?
- Vulnerable Populations**
- Seniors, children, individuals with disabilities
 - People with respiratory issues (air quality concerns)
 - People living in flood-prone areas
 - Transit-dependent individuals, evacuees
 - General community health impacts

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What's at risk?

Environmental Hazards

- Air and water quality degradation
- Landslides/flooding
- Reservoirs and watershed damage
- Damage to fish habitats, culverts, streams
- NGPAs (Natural Growth Protection Areas)



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What's at risk?

Economic & Social Impacts

- Residential and business areas (especially along train routes)
- Events and public gatherings (festivals, community events)
- Limited access to resources, medical care, and support from external agencies
- Loss of sensitive data or critical system outages



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What does a resilient Marysville look like?



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Planning and Regulatory Capabilities

- Comprehensive Plan
- Capital Improvements Plan
- Economic Development Initiative
- Comprehensive Emergency Management Plan
- Transportation Plan
- Stormwater Management Plan
- Flood Management Plan
- Growth Management
- Risk and Resilience Assessment and Emergency Response Plan
- Subarea Plans: Smokey Point, CIC, Whiskey Ridge, Shoreline, Waterfront
- Water Rights



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Planning and Regulatory Capabilities (continued)

- Building Codes
- Site Plan Review Requirements
- Zoning Ordinance
- Subdivision Ordinance
- Floodplain Ordinance
- Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire)
- Flood Insurance Rate Maps
- Acquisition of Land for Open Space and Recreation Uses



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Administrative and Technical Capabilities

- Hazard Mitigation Plan Workgroup
- Planning Commission
- Maintenance programs to reduce risk (tree trimming, flood attenuation, stream restoration, inspections)
- Mutual Aid Agreements
- Volunteers
- Redundancies (utilities)
- Regional Teams (hazmat, etc.)
- Warning Systems
- Hazard Data and Information
- Grant Writing/Management
- Equipment (Generators)



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Financial Capabilities

- Capitol Improvement Project Funding
- Authority to levy taxes for specific purposes
- Utility Fees
- Impact Fees for new development
- Stormwater Utility Fee
- Insurance Products
- Take on debt (e.g. general obligation or special bonds)
- Take on debt through private activities (e.g. loan)
- Community Development Block Grant
- Other Federal Funding Programs
- State Funding Programs

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Education and Outreach

- Public education and outreach
 - Emergency Preparedness
 - Stormwater
 - Fire Safety
- Public-private partnership initiatives addressing disaster-related issues
- Burn bans

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Mitigation Strategy and Objectives

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2020 HMP Goals

- Reduce hazard and threat-related injury and loss of life
- Promote resilient communities, resilient economy, sustainable growth, and hazard prevention
- Consider equity when enhancing public awareness and community members' ability to mitigate, prepare for, respond to, and recover from a disaster
- Make decisions through regional collaboration

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Thank you

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