

Cannon Beach forum keys on disaster planning

People should have a disaster plan ready, experts say

By LYRA FONTAINE
EO Media Group

CANNON BEACH — We know it is better to plan for, rather than panic about, the coming Cascadia earthquake and tsunami. But where do we start?

The city of Cannon Beach and Oregon Office of Emergency Management hosted a Focus on Preparedness forum this month to educate residents on disaster planning.

“The city is legally responsible for the health and welfare of our residents, so we need to be prepared for any type of disaster,” said City Manager Brant Kucera, citing the powerful coastal storm of 2007.

All top city officials undergo Federal Emergency Management Agency training on how to respond to a disaster in a standardized way, Kucera said. City department heads lead an executive disaster operations team. The city operations plan is currently under review.

“I’m very proud of the progress the city has made in just the past year, going from the city staff not playing a large enough role in emergency management ... toward being very involved and educated,” Kucera said.

Althea Rizzo, geologic hazards coordinator with the Oregon Office of Emergency Management, provided background on how to prepare for the earthquake.

Off the coast, the Juan de Fuca plate is diving under the North American plate, creating the 600-mile Cascadia Subduction Zone from Northern California to British Columbia. Eventually, the stress will cause the rock to break and release energy as seismic waves, and the ground will shake.

Earthquakes in a subduction zone cause most tsunamis, Rizzo said. It takes about a 7.0 earthquake to generate the giant waves.

“We will have 100 miles of ocean coming onshore and that’s a tremendous amount of water and energy,” she said. “Shaking will last two to four minutes.”

Although science can’t predict earthquakes, the last Cascadia earthquake was in the year 1700 and recurs every 240 years. The ground will shake repeatedly for weeks and months after the Cascadia earthquake.

“You have to be aware that this is a process that we will go through,” Rizzo said.

Small tsunamis can cause damage, such as landslides, she added. For local tsunamis like Cascadia, the national tsunami warning system may be ineffective.

“If you feel the ground shake you go to the highest ground possible and take as many people with you,” Rizzo said.

The state has a “long journey” toward disaster preparedness and needs to replace infrastructure — such as hospitals, bridges and schools — built before seismic codes were in place, Rizzo said.

She urged people to start a conversation about tsunami safety, find



Mayor Sam Steidel demonstrates the contents of his go-bag at the Cannon Beach Focus on Preparedness Forum.

an out-of-state contact, practice a tsunami walkout, and follow a seven-step preparedness system that involves identifying hazards, creating a disaster plan, preparing disaster kits, and identifying building weaknesses. Individuals, families and commu-

nities should strive to be self-sufficient for two weeks, she said. “We’ve seen other cultures do what we need to accomplish,” Rizzo said, citing Japan and Chile’s earthquakes. “We’re much more resilient than we think we are.”

7 STEP SYSTEM:

1. Identify hazards: secure furniture, water heater, hanging objects, overhead light fixtures, and more.
2. Create a disaster plan and discuss with family members. Practice the “drop, cover and hold on” drill. Tools for creating a plan include Living on Shaky Ground, oregonstunami.org, and smartphone apps.
3. Prepare disaster kits. Keep emergency food and water, first aid kit, portable radio, batteries, medications, cash and other supplies in a dry, accessible area. Rizzo recommends keeping extra medications or prescription labels in your go-kit.
4. Identify and fix weaknesses, including building problems like inadequate foundations.
5. Protect yourself during an earthquake. Drop to the floor, take cover under a sturdy table or desk, and hold on until shaking stops.
6. Evacuate if necessary: know if you are in the zone. Check for injuries and damage once you’re in a safe area.
7. Once safe, continue to follow your plan.

ACCUWEATHER® FORECAST FOR ASTORIA

Astoria 5-Day Forecast

Tonight
Partly cloudy with a shower in the area
38°

Wednesday
Intervals of clouds and sun
53° 37°

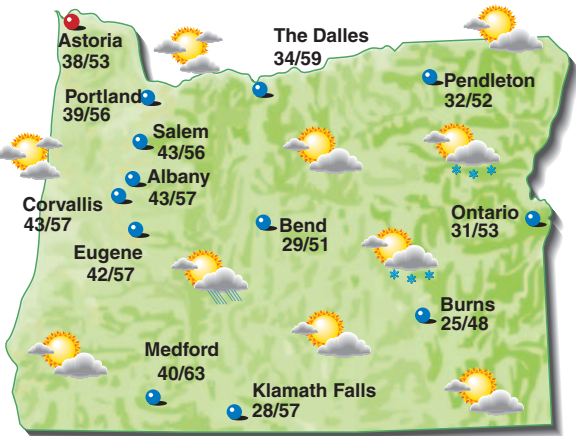
Friday
Breezy in the morning; partly sunny, nice
59° 46°

Shown is tomorrow's weather. Temperatures are tonight's lows and tomorrow's highs

Thursday
Mostly sunny
58° 45°

Saturday
Cloudy with a shower
57° 46°

Oregon Weather



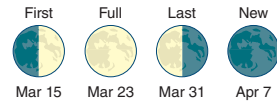
Forecasts and graphics provided by AccuWeather, Inc. ©2016

Almanac

Astoria through Monday.
Temperatures
High 50°
Low 41°
Normal high 54°
Normal low 39°
Precipitation
Yesterday 0.39"
Month to date 9.11"
Normal month to date 3.49"
Year to date 31.39"
Normal year to date 21.13"

Sun and Moon

Sunset tonight 7:21 p.m.
Sunrise Wednesday 7:26 a.m.
Moonrise today 12:08 p.m.
Moonset today 2:23 a.m.



AccuWeather.com

Regional Cities

City	Today			Wed.		
	Hi	Lo	W	Hi	Lo	W
Baker City	42	24	c	46	22	sf
Bend	45	29	c	51	26	pc
Brookings	54	44	c	61	47	pc
Eugene	51	42	sh	57	35	pc
Iliwaco	49	41	c	52	41	pc
Klamath Falls	48	28	c	57	27	pc
Medford	56	40	c	63	38	s
Newport	50	45	sh	55	41	pc
North Bend	54	47	sh	60	43	pc

City	Today			Wed.		
	Hi	Lo	W	Hi	Lo	W
Olympia	50	32	sh	52	32	pc
Pendleton	50	32	pc	52	30	pc
Portland	49	39	sh	56	35	pc
Roseburg	55	44	c	63	42	pc
Salem	50	43	sh	56	35	pc
Seaside	49	42	c	53	40	pc
Spokane	45	28	pc	46	28	pc
Vancouver	48	39	sh	56	33	pc
Yakima	55	26	pc	58	28	s

Under the Sky

Tonight's Sky: First quarter moon (10:03 a.m.).

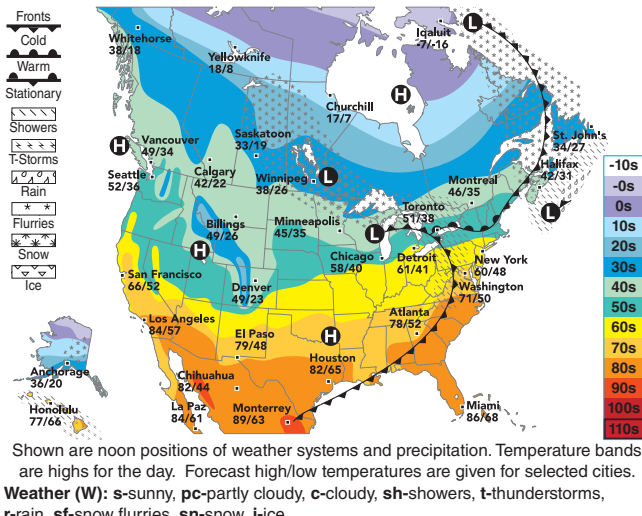
Tomorrow's Tides

Astoria / Port Docks	Time	High	Time	Low
	7:53 a.m.	8.3 ft.	1:49 a.m.	2.9 ft.
	9:36 p.m.	6.9 ft.	3:12 p.m.	0.7 ft.

National Cities

City	Today			Wed.		
	Hi	Lo	W	Hi	Lo	W
Atlanta	82	61	s	78	52	c
Boston	46	41	r	55	42	c
Chicago	61	46	t	58	40	pc
Denver	49	24	s	49	23	pc
Des Moines	63	42	t	57	37	c
Detroit	57	46	pc	61	41	sh
El Paso	75	47	s	79	48	s
Fairbanks	19	6	sf	18	-3	sf
Honolulu	82	70	pc	77	66	pc
Indianapolis	72	50	pc	63	41	pc
Kansas City	69	40	c	63	37	s
Las Vegas	73	52	s	74	54	s
Los Angeles	78	55	s	84	57	s
Memphis	82	52	pc	72	48	pc
Miami	86	70	s	86	68	pc
Nashville	82	55	s	70	45	pc
New Orleans	82	68	pc	81	67	c
New York	59	48	sh	60	48	sh
Oklahoma City	73	38	s	71	40	s
Philadelphia	62	48	pc	69	49	sh
St. Louis	80	50	pc	66	44	s
Salt Lake City	47	33	sh	51	37	pc
San Francisco	62	49	pc	66	52	s
Seattle	49	36	sh	52	36	pc
Washington, DC	62	49	pc	71	50	sh

Tomorrow's National Weather



Shown are noon positions of weather systems and precipitation. Temperature bands are highs for the day. Forecast high/low temperatures are given for selected cities. **Weather (W):** s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice.

DEATHS

March 9, 2016

SIMON, Keith Irving, 77, of Seaside, died in Portland. Hughes-Ransom Mortuary & Crematory in Seaside is in charge of the arrangements. Visit www.hughes-ransom.com to share memories and sign the guest book.

March 14, 2016

HARRIS, Nicholas J. P., 37, of Portland, died in Seaside. Hughes-Ransom Mortuary

& Crematory in Seaside is in charge of the arrangements. Visit www.hughes-ransom.com to share memories and sign the guest book.

QUADE, Quentin John, 85, of Astoria, died at home surrounded by family. Ocean View Funeral & Cremation Service in Astoria is in charge of the arrangements.

ON THE RECORD

DUII arrest

At 11:24 p.m. Friday, Oregon State Police arrested Jessica Renee Harris, 39, of Gearhart, for driving under the influence of intoxicants at North Franklin Avenue and 14th Avenue in Seaside.

At 11:51 p.m. Saturday, Oregon State Police arrested Michael Sagen Mackendrick, 34, of Seaside, for DUII and reckless driving on U.S. Highway 101 in Warrenton.

At 11:20 p.m. Sunday, Astoria Police arrested Blake Anson Mowrey, 38, of Astoria, for DUII, harassment and reckless endanger-

ing at McCain Road. At 1:25 a.m. Monday, Clatsop County Sheriff's Office arrested Caleb Evan Cunningham, 21, of Scappoose, for DUII on the 2800 block of Marine Drive in Astoria.

Theft

At 11:43 a.m. Friday, Astoria Police arrested Joshua Robert Mendenhall, 31, of Warrenton, for second-degree theft. Mendenhall worked at the Mini Mart, where he is accused of stealing about \$500 worth of food and fraudulent can deposits. He was fired from the Mini Mart

BIRTH

Feb. 21, 2016

CARRIERE, Alanna and Oscar, of Astoria, a boy, Bronx Raymond Carriere, born at Columbia Memorial

Hospital in Astoria. Grandparents are Connie and Terry McCreary of Astoria and John and Julie Carriere of Hammond.

PUBLIC MEETINGS

TUESDAY

Clatsop County Human Services Advisory Council, 4 to 5:30 p.m., 800 Exchange St., Room 430.

Astoria Historic Landmarks Commission, 5:15 p.m., City Hall, 1095 Duane St.

Port of Astoria Commission, 6 p.m., old Port offices, 422 Gateway Ave.

Seaside School District, 6 p.m., 1801 S. Franklin St.

Seaside Planning Commis-

sion, 7 p.m., work session, City Hall, 989 Broadway.

Shoreline Sanitary District Board, 7 p.m., Gearhart Hertig Station, 33496 West Lake Lane, Warrenton.

WEDNESDAY

Seaside Tourism Advisory Committee, 3 p.m., City Hall, 989 Broadway.

Sunset Empire Parks and Rec District, 5 p.m., 1225 Ave. A, Seaside.

LOTTERIES

OREGON

Monday's Pick 4:
1 p.m.: 8-4-8-2
4 p.m.: 1-6-5-8
7 p.m.: 8-3-3-2
10 p.m.: 1-5-7-4
Monday's Megabucks: 4-5-10-17-32-37
Estimated jackpot: \$2 million

WASHINGTON

Monday's Daily Game: 8-4-4
Monday's Hit 5: 03-26-28-29-32
Estimated jackpot: \$100,000
Monday's Keno: 03-15-18-19-26-28-29-30-39-40-45-47-48-51-55-59-64-67-75-77
Monday's Lotto: 10-19-30-42-44-45
Estimated jackpot: \$7.6 million
Monday's Match 4: 08-09-14-15

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Obituaries may be edited for spelling, proper punctuation and style. Death notices and upcoming services will be published at no charge. Notices must be submitted by 9 a.m. the day of publication.

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