

Colin Murphey/The Daily Astorian

Razor clamming on Clatsop County beaches has been closed.

Razor clamming closed on Clatsop beaches due to domoic acid threat

The Daily Astorian

Razor clamming is closed from the Columbia River to Tillamook Head after the state detected unsafe levels of domoic acid in the clams.

The state will not reopen clamming until two consecutive tests, at least one week apart, show levels of the marine biotoxin below the state's closure limit of 20 parts per million.

Testing last week revealed levels of domoic acid in razor clams at Clatsop Beach and Sunset Beach were at 22 parts per million. In early February, domoic acid levels in the same area registered at 14 ppm. Farther south, razor clams tested at Port Orford had 62 ppm as of Feb. 22.

The closure of recreational and commercial clamming was announced Friday evening by the state Department of Agriculture and the state Department of Fish and Wildlife.

Elsewhere in Oregon,

FIVE-DAY FORECAST FOR ASTORIA

razor clamming is closed at Cape Blanco to the California border for elevated levels of domoic acid. Razor clamming remains open from Tillamook Head in Seaside to Cape Blanco.

The Clatsop Beach and the Sunset Beach areas are home to popular and highly productive razor clam beds. The 18-mile stretch of beach accounts for 95 percent of Oregon's razor clam harvest, according to the state.

On March 1, when the beaches first reopened to harvest after an extended closure to give small clams more time to grow, approximately 600 harvesters were on Clatsop Beach. The turnout was not too bad considering the opening was midday on a Friday with high surf and a weak low tide, said Matt Hunter, state shellfish biologist.

People were eager to dig for clams even though most of the clams they were finding were still smaller than usual, just over 3.5 inches. Clatsop Beach is usually closed seasonally from mid-July through September. Last year, the beach closed to digging in July and stayed closed through the winter.

Beaches outside the closure area, such as Indian Beach, near Cannon Beach, and Short Sand Beach, north of Manzanita, also have clams but are not as productive. Clamming areas there can be harder to access depending on how low the low tide gets.

Domoic acid is a naturally occurring marine toxin that can cause amnesic shellfish poisoning. It is produced by diatoms that bloom occasionally off the West Coast.

In recent years, these blooms have become an almost constant consideration in fishery management decisions, at times delaying the opening of valuable commercial Dungeness crab fisheries and causing fishery closures in both Oregon and Washington state.

AccuWeather DOWNLOAD THE FREE APP

TONIGHT WEDNESDAY **TUESDAY THURSDAY FRIDAY** 30 **4**U Sun and areas of high Partly sunny, a couple of Occasional rain showers: breezy clouds

| ALIVIALIA | ILEGION | ME WEMINE | | | |
|--|--|-------------------------------|-------------------------------|----------------------|--|
| Astoria through Sunday. | Show | vn is tomorrow's w | eather. Temperature | s are tonight's lows | and tomorrow's highs. |
| Temperatures High/low 51°/27' Normal high/low 53°/38' Record high 75° in 1906' Record low 25° in 1966' Precipitation | Tillamook | Portland 41/50 | The Dalles 32/44 | Pendleton 28/43 | La Grande |
| Sunday | Newport 41/48 | • Salem 41/50 • Lebanon 39/48 | Prineville 29/40 | John Day 32/39 | Baker 2 28/39 |
| SUN AND MOON Sunset tonight | Coos Bay R | Eugene 40/49 | | Bui 27 | ************************************** |
| Moonset today | | Modford | The state of the state of the | akeview 22/38 | |
| mar. marzo marzi inpro | A STATE OF THE PARTY OF THE PAR | 37/46 | Fore | and arabica ara | ided by Assallanthar Inc. @20 |

REGIONAL CITIES

UNDER THE SKY

Tonight's Sky: The waxing crescent moon and Mars

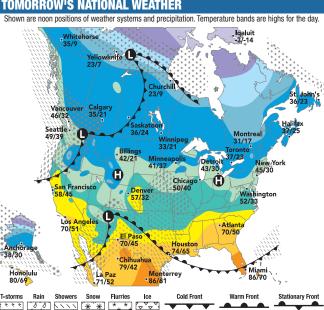
Source: Jim Todd, OMSI

| TOMORROW'S TIDES | | | | | | | |
|--|--------------------|--------------------------|--------------------|--|--|--|--|
| Astoria / Port Docks Time High Time Low | | | | | | | |
| 5:15 a.m. 6:30 p.m. | 8.8 ft. 6.6 ft. | 12:06 p.m. 11:51 p.m. | 1.0 ft. 2.6 ft. | | | | |

| NATIONAL | CIT | IES | | | | | |
|--------------------|-----------------|------------|-----|----|-------|-----|--|
| | Today | | | | Tues. | | |
| City | Hi | Lo | W | Hi | Lo | · W | |
| Atlanta | 62 | 47 | C | 70 | 50 | pc | |
| Boston | 48 | 32 | pc | 43 | 28 | S | |
| Chicago | 41 | 22 | S | 50 | 40 | pc | |
| Denver | 47 | 29 | С | 57 | 32 | С | |
| Des Moines | 42 | 26 | рс | 44 | 40 | r | |
| Detroit | 40 | 22 | pc | 43 | 30 | S | |
| El Paso | 72 | 56 | t | 70 | 45 | t | |
| Fairbanks | 37 | 25 | C | 36 | 14 | sn | |
| Honolulu | 81 | 69 | рс | 80 | 69 | рс | |
| Indianapolis | 45 | 27 | S | 50 | 36 | рс | |
| Kansas City | 50 | 35 | рс | 50 | 47 | r | |
| Las Vegas | 64 | 51 | C | 69 | 47 | S | |
| Los Angeles | 65 | 52 | C | 70 | 51 | S | |
| Memphis | 60 | 46 | r | 61 | 55 | С | |
| Miami | 85 | 68 | S | 86 | 70 | рс | |
| Nashville | 60 | 39 | рс | 61 | 48 | S | |
| New Orleans | 79 | 63 | C | 73 | 64 | С | |
| New York | 51 | 35 | S | 45 | 30 | S | |
| Oklahoma City | 48 | 44 | С | 55 | 50 | t | |
| Philadelphia | 55 | 33 | S | 48 | 30 | S | |
| St. Louis | 51 | 34 | рс | 54 | 46 | r | |
| Salt Lake City | 47 | 32 | рс | 51 | 31 | рс | |
| San Francisco | 60 | 46 | ·S | 58 | 45 | рс | |
| Seattle | 51 | 41 | C | 49 | 39 | sh | |
| Washington, DC | 62 | 36 | S | 52 | 33 | S | |
| Weather (W): s-sun | ly, c- c | loudy | , . | | | | |

sh-showers, t-thunderstorms, r-rain, sf-snow flurries

Hi Lo W Hi Lo W 28 Baker City 43 S 39 26 Olympia 50 36 50 33 28 32 38 24 Pendletor 32 Brookings 56 42 рс 50 37 Portland 53 41 рс 50 39 48 37 50 37 40 Eugene pc r 49 35 Roseburg 41 pc pc 42 48 sh Klamath Falls 47 30 40 24 pc sn Seaside 52 41 48 39 sh Medford Spokane рс рс Newberg 39 pc pc 49 35 Springfield 40 pc pc 47 35 51 41 49 38 Newport Vancouver 42 49 38 35 27 45 22 **TOMORROW'S NATIONAL WEATHER** Shown are noon positions of weather systems and precipitation. Temperature bands are highs for the day



-10s -0s 0s 10s 20s 30s 40s 50s 60s 70s 80s 90s 100s 110s

Tiny homes on tap in Warrenton

The Daily Astorian

A developer of tiny homes will make a presentation to the Warrenton Planning Commission on Thursday.

The presentation by Nathan Light Watson, CEO of Tiny SMART House, an Albany-based company that builds custom tiny homes and trailers, is intended to be an informational session.

Warrenton is assessing the land it has available for development and will be evaluating the results of a countywide housing study in the coming months. City leaders will be looking at

ways to encourage different housing types as the city's population and regional housing needs continue to

"Is it tiny homes, and if not what is it we're going to support by policy and by code?" said Kevin Cronin, Warrenton's community development director.

"We're just going to begin the conversation, and take the temperature of the community and see where people's interest is."

Under Warrenton's development code, tiny homes are treated as accessory dwelling units, but there is no specific codes that address tiny homes or city standards for tiny homes on their own.

Cronin says he has not seen much interest from developers or property owners to build neighborhoods of tiny homes. However, there has been interest in providing additional housing on property that might already include more standard-sized housing.

The tiny home presentation will follow an update on a housing needs assessment by the state Department of Land Conservation and Development.

The meeting begins at 5 p.m. at City Hall, 225 S. Main Ave.

Driver crashes into Hamlet Quick Stop

The Daily Astorian

A driver crashed into the Hamlet Quick Stop on Friday night.

About 9 p.m., a driver lost control of his vehicle and crashed into the convenience store that sits at the

junction of U.S. Highway 26 and Highway 53, Hamlet Fire Chief Matt Verley

Firefighters had to winch the vehicle out of the building and cut the driver out of the car.

The driver suffered severe injuries, Verley said, and was sent to Columbia Memorial Hospital in

The building was damaged, Verley said, but in a section that did not impact the store itself. The store was closed at the time.

State, political action committee settle voting case

By ANDREW SELSKY Associated Press

SALEM — Oregon's elections director and a political action committee that disenfranchised nearly 100 voters by turning their ballots in late have come to an agreement in which most of its fine will be suspended and the group will detail its procedures.

The incident revealed a possible election vulnerability in Oregon, the first state to adopt an all-mail

No one knows how many groups in Oregon collect filled-in ballots from voters in November because state officials in charge of elections have not tracked the activities. In the agreement pro-

vided Friday by the secretary of state's office, the directors of the Defend Oregon PAC agreed to disclose whether people taking completed ballots to the U.S. mail or to official election drop boxes are volunteers, employees or paid canvassers.

In addition the group will detail the training the people receive, the signs they use, and the process employed to gather and deliver ballots.

The group must also describe its procedures to track and count ballots, and how they are stored, secured and prepared for delivery.

More attention is being paid to voting by mail as doubts arise in the nation about the security of election systems that can be hacked and about reliance on aging or inadequate voting machines.

ON THE RECORD

• At 2:45 a.m. on Saturday, Tyler William Albright, 26, of Rainier, was arrested by Astoria police for driving under the influence of intoxicants. Albright allegedly reported he had been a victim of a hit-and-run when the officer noticed he appeared to be intoxicated. His blood alcohol content was 0.13

• At 3:30 p.m. on Saturday, Jasmine Carlie Jenkins, 25, of Astoria, was arrested by Astoria police on Olney Avenue for DUII.

DEATHS

March 8, 2019

HICKS, Linda Dorene, 72, of Astoria, died in Seaside, Caldwell's Luce-Layton Mortuary of Astoria is in charge of the arrangements.

OJA, Georgia F., 83, of Knappa, died in Astoria. Ocean View Funeral & Cremation Service of Astoria is in charge of the arrangements.

PUBLIC MEETINGS

MONDAY

Youngs River-Lewis & Clark Water District Board, 6 p.m., 34583 U.S. Highway 101 Business. Cannon Beach Rural Fire Protection District Board, 6 p.m., Fire-Rescue Main Station, 188

Seaside City Council, 7 p.m., City Hall, 989 Broadway.

Sunset Ave.

Clatsop County Planning Commission, 10 a.m., Judge Guy Boyington Building, 857 Commercial St., Astoria. Cannon Beach City Council, 5:30 p.m., work session, City Hall, 163 E. Gower St.

TUESDAY

Clatsop Community College Board, 5:30 p.m., workshop,

6:30 p.m., regular meeting, Columbia Hall Room 219, 1651 Lexington Ave., Astoria. Warrenton City Commission,

6 p.m., City Hall, 225 S. Main **Lewis & Clark Fire Depart**ment Board. 7 p.m., main fire station, 34571 U.S. Highway

101 Business.

LOTTERIES

OREGON

Sunday's Pick 4: 1 p.m.: 8-6-6-0 4 p.m.: 5-2-8-6

7 p.m.: 3-2-7-6

10 p.m.: 8-5-4-0 Sunday's Lucky Lines: 3-5-10-14-19-22-28-30

Estimated jackpot: \$19,000 Saturday's Pick 4:

1 p.m: 6-7-6-3 4 p.m.: 7-8-2-3 **7 p.m.:** 7-8-5-3

10 p.m.: 8-5-5-1 Saturday's Lucky Lines: 4-5-10-13-18-21-25-31 Estimated jackpot: \$17,000

Saturday's Megabucks: 3-9-10-30-36-46

Estimated jackpot: \$9.2 million

Saturday's Powerball: 5-6-45-55-59, Powerball: 14 Estimated jackpot: \$448

million Friday's Pick 4: 1 p.m.: 6-3-1-6 **4 p.m.:** 1-9-0-3 **7 p.m.:** 1-9-8-1

10 p.m.: 7-3-4-3 Friday's Lucky Lines: 4-6-11-16-18-21-25-32

Estimated jackpot: \$16,000 Friday's Mega Millions: 4-9-42-62-68, Mega Ball: 7 Estimated jackpot: \$50 million

WASHINGTON Sunday's Daily Game: 7-6-9 Sunday's Keno: 03-06-07-14-16-21-24-32-33-42-43-47-4852-55-58-66-67-73-75 Sunday's Match 4: 03-04-07-

Saturday's Daily Game: 8-1-5 Saturday's Hit 5: 05-08-09-

Saturday's Keno: 02-10-18-27-28-30-33-36-44-46-47-48-53-56-59-66-71-74-75-78 Saturday's Lotto: 13-15-27-28-33-47

Estimated jackpot: \$160,000

Estimated jackpot: \$5.3 million Saturday's Match 4: 03-14-

Friday's Daily Game: 9-8-8 Friday's Keno: 01-03-06-09-12-13-21-24-34-37-39-50-51-57-60-61-63-64-72-74

Friday's Match 4: 06-07-12-24

. \$51.98

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