

New Oregon State hop coming to a pint glass near you

High interest in Strata hop

By ANTHONY RIMEL
Corvallis Gazette-Times

If you want to try a beer featuring the new Oregon State University-developed Strata hop, your best bet is a can of Worthy Brewing's Strata India Pale Ale.

But in just a couple of weeks? The hop could be everywhere.

Jim Solberg, a co-founder of Indie Hops, the company that funds Oregon State's Aroma Hops Breeding Program, said there are 30 to 40 breweries in

Portland alone looking to use the Strata hop and some were planning to pick their order up the day after it was harvested.

"Mid-September you will see a lot of fresh hop Strata beers," he said. "It's gonna quickly get a whole lot more exposure."

Portland-based Indie Hops began harvest on its first year of commercial-scale production of Strata in late August. Solberg said the company expects to harvest about 200,000 pounds of the hops off about 100 acres of farmland near Independence.

Although Oregon State famously developed hops like Cascade, Nugget and Wil-

lamette, those came from a U.S. Department of Agriculture affiliated program at the university. Strata is the first release from Oregon State's aroma hops program, which was founded in 2010 under Shaun Townsend.

"In plant breeding, certainly hop breeding, we plan on at least 10 years of effort before we might have something ready to release as a new cultivar — the process requires significant time to identify the superior plants. Strata, the program's first release, is moving into commercial production a bit earlier than normal due to significant demand by brewers, and due to this genotype's

strong agronomic performance, Townsend said.

Townsend said his program does the plant breeding and then assesses the plants for things like yield and disease resistance, and Indie Hops then does a sensory assessment on the hops, both evaluating cone aroma and brewing trials.

Solberg said the challenge in developing a new hop variety is in finding one with the positive traits like disease resistance and productivity that also has a unique aroma. Strata is at an intersection of those traits, he said.

Solberg said to this point many beers featuring Strata have been limited run produc-

tions, with the exception of Worthy's Strata IPA. Solberg said Worthy's owner, Roger Worthington, co-founded Indie Hops with him, so his brewery was the first given the opportunity to produce a year-round beer with Strata. The company began bottling Strata in September 2017 and began selling it in cans over the summer.

Lydia Jones, with Worthy, said the Strata beer is the company's best-selling product.

She described the hop as having flavors of guava, passionfruit, grapefruit, orange zest, dank earth and lemongrass.

The beer also won gold in the Sessionable Hoppy Beers category of the 2017 Oregon

Beer Awards.

Solberg said Indie Hops has been getting a lot of questions about Strata, especially since Fort George Brewery used it in its summer seasonal 3-Way IPA.

Word about Strata has spread very organically, he said.

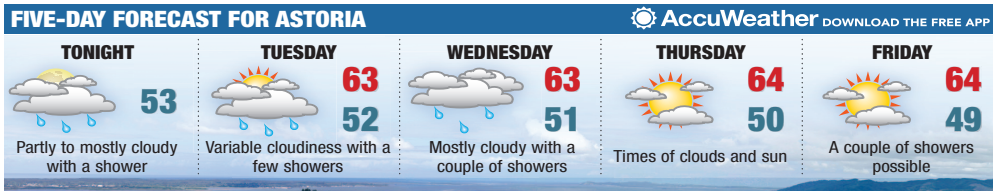
Since the first crops of Strata in 2016 and 2017 were mostly at a trial run scale, Solberg said the 2018 harvest will be the first with which the company will be able to really launch into the market.

"We're really convinced it's a hop that has a place. It has a unique and captivating aroma," he said.

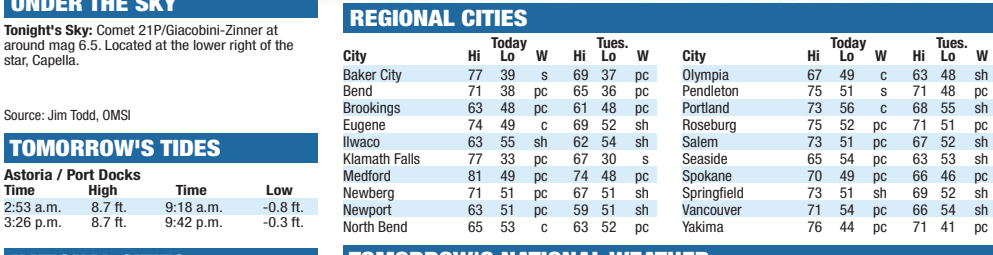
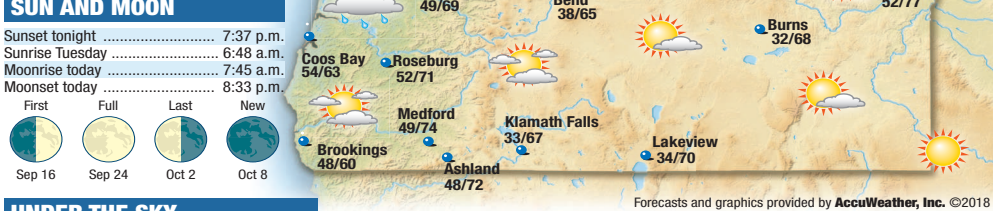
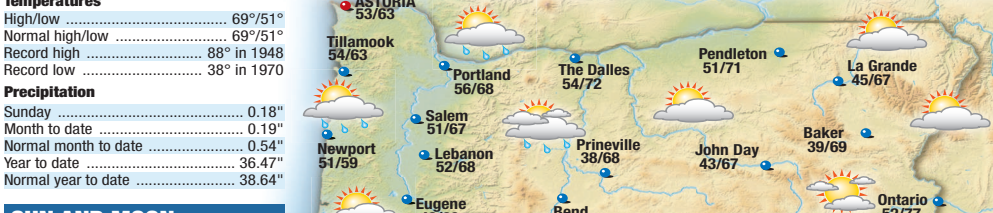


The Ocean Cleanup

A long floating boom will be used to corral plastic litter in the Pacific Ocean.



ALMANAC
Astoria through Sunday.
Temperatures
High/Low 69°/51°
Normal high/low 69°/51°
Record high 88° in 1948
Record low 38° in 1970
Precipitation
Sunday 0.18"
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Normal month to date 0.54"
Year to date 36.47"
Normal year to date 38.64"



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Massive boom hopes to corral the Great Pacific Garbage Patch

By OLGA R. RODRIGUEZ
Associated Press

SAN FRANCISCO — Engineers are deploying a trash collection device to corral plastic litter floating between California and Hawaii in an attempt to clean up the world's largest garbage patch in the heart of the Pacific Ocean.

The 2,000-foot long floating boom is being towed from San Francisco to the Great Pacific

Garbage Patch — an island of trash twice the size of Texas.

The system was created by The Ocean Cleanup, an organization founded by Boyan Slat, a 24-year-old innovator from the Netherlands who first became passionate about cleaning the oceans when he went scuba diving at age 16 in the Mediterranean Sea and saw more plastic bags than fish.

"The plastic is really persistent and it doesn't go away by

itself and the time to act is now," Slat said, adding that researchers with his organization found plastic going back to the 1960s and 1970s bobbing in the patch.

The buoyant, U-shaped barrier made of plastic and with a tapered 10-foot deep screen, is intended to act like a coastline, trapping some of the 1.8 trillion pieces of plastic that scientists estimate are swirling in that gyre but allowing marine life to safely swim beneath it.

Gerald E. Petersen Astoria Oct. 27, 1935 — Sept. 4, 2018

Gerald "Jerry" Petersen was born Oct. 27, 1935, in Astoria, Oregon. Gerald passed away Sept. 4, 2018, in Portland, Oregon. Gerald's parents were Gerhard Petersen and Marjorie McMananna, both of Astoria, Oregon.

He is survived by his spouse, Susan Petersen; his sister, Janet Ellern; a brother, Andrew Lindemann; and three children, daughter Jeri Johnson and son-in-law Gordon Johnson, son Jack Coffey and daughter-in-law Kathy Coffey, and son Mike Petersen. He is also survived by his grandchildren, Jared, Jacob and Jesse Helligso, Jenae Poe, Sam Coffey, Hannah Coffey, Jamie Cruz, Tim Johnson and Tera Jackson; one great-grandchild; and seven step-great-grandchildren.

Gerald attended schools in Clatsop County, and was an Army veteran of the Korean War.

He became a longshoreman in Los Ange-

les, and married Susan Critton in 1985. After marrying Susan, they became active with the Navajo people, and they got involved with a school on the Navajo reservation. This was an important project to both, as they felt strongly about the injustice done to the Native Americans. He retired to Astoria in 2003, and became an active member in the Moose Lodge, where he enjoyed playing poker, keno and cribbage.

There will be a celebration of life at 1:30 p.m. on Sunday, Sept. 16, at the Silver Salmon Grille. The family is asking that no flowers be brought to the celebration.

There is an online guest book for those who wish to send their condolences at caldwellsmortuary.com. Donations may be made in Gerald Petersen's name to the Navajo school, St. Michaels Association for Special Education (SMASE), P.O. Box 100, St. Michaels, AZ., 86511.



Gerald Petersen

ON THE RECORD

Assault
• At 10:50 p.m. Saturday, Dustin Lee Billings, 37, of Seaside, was arrested by Seaside police on the 420 block of South Holladay Drive and charged with fourth-degree assault. A woman had redness and swelling around her eye after an alleged domestic dispute.

DEATH

Sept. 5, 2018
LARSON, W. Louis "Lou," 74, of Astoria, died in Portland. Crown Memorial Center of Tualatin 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 Department Board, 6 p.m., Fire-Rescue Main Station, 188 Sunset Ave.
- TUESDAY**
Clatsop County Planning Commission, 10 a.m., Judge Guy Boyington Building, 857 Commercial St.
Seaside City Council, 7 p.m., City Hall, 989 Broadway.
Seaside City Council, 7 p.m., City Hall, 989 Broadway.
Warrenton City Commission, 6 p.m., City Hall, 225 S. Main Ave.
Lewis & Clark Fire Department Board, 7 p.m., main fire station, 34571 Highway 101 Business.

LOTTERIES

- OREGON**
Sunday's Pick 4:
1 p.m.: 0-4-5-9
4 p.m.: 8-1-9-3
7 p.m.: 7-6-5-1
10 p.m.: 3-2-4-8
Sunday's Lucky Lines: 1-5-11-16-17-22-26-32
Estimated jackpot: \$21,000
Saturday's Pick 4:
1 p.m.: 5-3-3-5
4 p.m.: 2-6-8-4
7 p.m.: 2-3-6-3
10 p.m.: 3-6-2-4
Saturday's Lucky Lines: 1-8-9-14-19-23-27-31
Estimated jackpot: \$19,000
Saturday's Megabucks: 12-14-20-30-41-43
- Estimated jackpot: \$6.8 million
Saturday's Powerball: 3-13-20-32-33, Powerball: 2118
Estimated jackpot: \$132 million
Friday's Pick 4:
1 p.m.: 0-0-8-4
4 p.m.: 2-1-3-7
7 p.m.: 8-9-6-0
10 p.m.: 6-3-9-7
Friday's Lucky Lines: 2-8-10-14-17-21-25-32
Estimated jackpot: \$18,000
Friday's Mega Millions: 8-10-41-54-68, Mega Ball: 10
Estimated jackpot: \$207 million
- WASHINGTON**
Sunday's Daily Game: 5-0-0
Sunday's Keno: 07-11-18-22-29-35-37-38-40-41-42-43-44-47-55-65-69-72-73-76
Sunday's Match 4: 06-09-18-23
Saturday's Daily Game: 7-4-9
Saturday's Hit 5: 05-11-16-17-18
Estimated jackpot: \$270,000
Saturday's Keno: 01-03-08-09-19-20-22-29-34-38-39-45-47-49-72-74-77-78-79-80
Saturday's Lotto: 05-08-37-43-45-49
Estimated jackpot: \$2.6 million
Saturday's Match 4: 01-07-12-14
Friday's Daily Game: 4-6-6
Friday's Keno: 04-06-08-11-16-17-20-22-26-28-35-37-38-44-45-48-58-59-77-79
Friday's Match 4: 13-14-18-19

The Daily Astorian
Established July 1, 1873 (USPS 035-000)

Published daily, except Saturday and Sunday, by EO Media Group, 949 Exchange St., PO Box 210, Astoria, OR 97103 Telephone 503-325-3211, 800-781-3211 or Fax 503-325-6573. POSTMASTER: Send address changes to The Daily Astorian, PO Box 210, Astoria, OR 97103-0210

www.dailyastorian.com
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Circulation phone number: 503-325-3211
Periodicals postage paid at Astoria, OR

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