

OBITUARIES

Mary June Mathews

Buhl, Idaho

Feb. 20, 1953 — Nov. 22, 2021

Mary June Mathews was born in Astoria to Palmer and June Hennigsen.

After attending Olney School and Astoria High School, she went on to get her nursing license from Emanuel Lutheran Hospital in Portland.

She then packed her car and headed east, and found herself in Emmett, Idaho, where she acquired her first nursing job before she could finish filling out the application. She went to work, and never stopped.

This is where she met the love of her life, and after some time in the Neonatal Intensive Care Unit at St. Luke's Boise Medical Center in Boise, Idaho, she married Don Mathews in 1977.

The two settled in Buhl, Idaho, to build an amazing life that would end up being a 44-year career in nursing for St. Luke's Magic Valley Regional Medical Center and St. Luke's Twin Falls that she never wanted to leave.

There is still some debate on the exact number, but the amount of babies she's delivered in the Magic Valley is upwards of 15,000. The amount of lives touched can't be measured.

In the few hours she wasn't at the hospital, she was always busy on the family farm,

growing everything under the sun, canning, working cows or finding time to run a concession stand at the many ballparks, where she never missed a game, even with her busy schedule.

In lieu of flowers, Mary would prefer you take a flower to a friend, share a hug or spread some love to your neighbor.

Donations can also be made to any Farmers Bank location for the Buhl American Legion Baseball Program or in her memory to the Maternal Child — OB Education Fund through the St. Luke's Health Foundation online at stlukesonline.org, by mail at P.O. Box AK, Twin Falls, ID., 83303, or by phone at 208-814-0038.

Mary was survived by her husband of 44 years, Don; son, Seth, and his wife, Amber, and their three kids, Lauren, Patrick and Lydia; as well as her two sisters, Bonnie (Don) Fisher and Judy (Ed) Fisher.

A memorial service will be held at 11 a.m. on Saturday at the 7th Street Gym, 215 Seventh Ave N., in Buhl, followed by an open house at the farm.

Memories and condolences may be shared with the family on Mary's memorial website at farmerfuneralchapel.com



Mary Mathews



Christopher Brad Moore

Seaside

March 17, 1980 — Nov. 26, 2021

Christopher Brad Moore, 41, of Seaside, passed away on Nov. 26, 2021, from terminal brain cancer.

Christopher Brad Moore was born in Garland, Texas, on March 17, 1980.

After graduating from Kerens High School in Kerens, Texas, in 1998, he enlisted in the military, serving 21 years in the U.S. Air Force and Army National Guard, with a current rank of staff sergeant.

He was also an active member of the Clatsop County Sons of Beaches 4x4 Motorsports Club, which is sometimes referred to as Savors in the Sand, where he was well known for his passion for helping people stranded on the beach.

Christopher Brad Moore is survived by his children, Samantha and Christo-

pher "Michael" Moore; his parents, Jo Ann and Mike Dimick and Mark and Elizabeth Moore; and his grandparents, siblings, nieces and nephews, aunts and uncles, cousins and many close friends.

Brad is loved by so many, and he will be missed dearly.

The family wishes to express appreciation to everyone for all the prayers.

A memorial service will be held on Saturday at 11 a.m. at Warrior Hall at Camp Rilea, 33168 Patriot Way in Warrenton.

Military funeral honors will be held at Dallas-Fort Worth National Cemetery in Texas at a later date.

In lieu of flowers, please make contributions to the Wounded Warriors, American Legion Post 99 or Clatsop County Sons of Beaches 4x4 Motorsports Club.



Christopher Moore



OBITUARY POLICY

The Astorian publishes paid obituaries. The obituary can include a small photo and, for veterans, a flag symbol at no charge. The deadline for all obituaries is 9 a.m. the business day prior.

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 before publication.

Obituaries and notices may be submitted online at DailyAstorian.com/obituaries, by email at ewilson@dailyastorian.com, placed via the funeral home or in person at The Astorian office, 949 Exchange St. in Astoria.

For more information, call 503-325-3211, ext. 1257.

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Windows 10 support

Microsoft continues to offer security and performance updates through Oct. 2025. (Whew!!) Just make sure they are being stalled by clicking on the Windows Start icon in the bottom left of your screen, then type "Settings" then click "Open" Click "Updates and Security" Click "Check for Updates" if none are shown. Install any that are offered.

Q: Massage. Where do I sign up?

A: Before your first massage, we offer a consultation to make sure you're a good fit. Insurance plans can vary in their ability to cover massage, and we'd be happy to sort out all of those details with you. Give us a call!



ASTORIA CHIROPRACTIC

Alicia M. Smith, DC Owner

503-325-3311 2935 Marine Drive Astoria, Oregon

Q: What are dental sealants, who should get them and how long do they last?

A: Dental sealants are a clear coating placed in the deep grooves of teeth, protecting them from food and bacteria that can be hard to remove with brushing.

We recommend having your child's permanent molars sealed as soon as they are fully erupted. You can expect sealants to last upwards of 10-15 years and are a safe, inexpensive way to help ensure your child's oral health. Call us today to make your appointment.



JEFFREY M. LEINASSAR DMD, FAGD



503/325-0310 1414 MARINE DRIVE, ASTORIA www.smileastoria.com

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A: We have different options for you if you are heading out of town. We can switch you to a Web subscription while you are away and you can read the paper online, or you can have your delivery stopped and donate your missed papers to local schools. Whichever option fits your needs, just call our circulation department at 800-781-3214 or go online and enter your vacation at www.dailyastorian.com under "Subscriber Services."



Jeremy Feldman Circulation Manager

the Astorian 800-781-3214 www.dailyastorian.com

949 Exchange St., Astoria, OR

Harnessing solar power with skylights

New research shows potential heating, cost benefits

By JES BURNS Oregon Public Broadcasting

Heating houses is a major energy suck. Behind passenger cars and trucking, it's the largest energy draw in the United States.

But it turns out homeowners looking to stay warm don't need to rely just on a pile of electrons or a pipeful of methane.

Research out of the University of Oregon shows that, even on the cloudy western sides of Oregon and Washington, a large chunk of heating needs could be met with a few well-positioned (and well-managed) skylights.

"I've been interested in passive solar heating for quite a number of years, but we live in a cloudy climate. And there has been a lot of skepticism about how well passive solar heating can work when you have a winter that's dominated by cloud cover and rain," said study lead author Alexandra Rempel, a building scientist in the Environmental Studies Program at the University of Oregon.



Ken Gates

New University of Oregon research shows the benefits of using skylights to cut home heating costs.

Passive solar heating is the warmth you feel when you stand near a sunny window. It's heat captured indoors directly from the sun, immediately warming the air and heating surfaces that will radiate that heat over time.

Home heating is a significant contributor of carbon pollution. It contributes approximately 8% of all climate change-causing carbon dioxide emissions in industrialized nations — including the United States and Canada — that are part of the International Energy Agency.

Passive solar heating is one way to reduce reliance

on fossil fuels like natural gas and heating oil to warm homes. Rempel set out to quantify just how much of this solar energy is available for use in locations across the country.

"Just what is the size of this resource we're talking about? Is it worth going after or not?" she asked.

And according to the analysis, it is.

The researchers found that there is enough solar radiation available to provide about one-third of residential heating needs nationwide. The calculations were based on homes having 100

square feet of skylights oriented towards the south.

To understand the potential, the researchers used home energy consumption data and paired it with satellite observations of solar radiation.

"We can calculate that on a surface of any given area, at any given tilt, in any given location across the United States," said University of Oregon earth scientist Alan Rempel, who provided the mathematical analysis. "What we're interested in is not just the amount of energy that's coming, but the amount of energy that's coming at a time when we need it."

The passive solar energy collected couldn't take the place of a heating system in most climates, but it could cut heating costs — especially in the fall and spring when temperatures aren't so cold and the days aren't so short.

In western Oregon and Washington there's enough solar radiation to provide about three megawatt hours of annual heating energy relief for homes with 10 square meters of well-positioned, unobscured skylights. This is enough to power the average U.S. home for more than three months in 2020.

SEVEN-DAY FORECAST FOR ASTORIA

TODAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY
49 37 A morning shower	48 39 Mostly cloudy	51 40 A shower in the a.m.	50 42 Rain and drizzle	49 42 Cloudy, rain possible	47 41 Cloudy, rain possible	51 44 Cloudy, rain possible

ALMANAC

Astoria through Tuesday

Temperatures
High/low 54/52
Normal high/low 51/38
Record high 63 in 1901
Record low 24 in 1985

Precipitation
Tuesday 0.14"
Month to date 14.02"
Normal month to date 11.05"
Year to date 64.33"
Normal year to date 59.58"

Forecasts and graphics provided by AccuWeather, Inc. ©2021

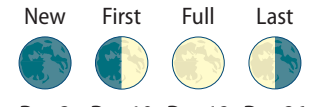
UNDER THE SKY

Tonight's Sky: High in the after sunset, look for Orion, the Hunter.

SUN AND MOON

Source: Jim Todd, OMSI

Sunrise today 7:39 a.m.
Sunset tonight 4:31 p.m.
Moonrise today 5:29 a.m.
Moonset today 3:29 p.m.



TODAY'S TIDES

Astoria / Port Docks	Time	High (ft.)	Time	Low (ft.)	
10:56 a.m.	9.5	4:56 a.m.	-0.2	6:00 p.m.	-0.7
Cape Disappointment					
10:31 a.m.	9.5	4:06 a.m.	2.4	11:51 p.m.	7.4
10:51 p.m.	7.4	5:08 p.m.	-0.9		
Hammond					
10:43 a.m.	9.8	4:28 a.m.	2.2	11:59 p.m.	7.7
10:51 a.m.	9.9	4:40 a.m.	2.3	none	5:44 p.m.
Knappa					
11:33 a.m.	9.7	5:57 a.m.	1.9	none	7:01 p.m.
Depoe Bay					
9:45 a.m.	9.8	3:33 a.m.	2.4	11:05 p.m.	7.5
		4:39 p.m.	-1.0		

NATIONAL CITIES

City	Today	Fri.
Atlanta	70/50/s	74/52/pc
Boston	54/41/r	43/28/pc
Chicago	58/36/pc	48/31/pc
Dallas	78/58/s	78/62/pc
Denver	72/40/s	62/34/s
Honolulu	82/70/sh	80/65/t
Houston	77/58/pc	76/61/c
Los Angeles	74/50/pc	69/48/s
Miami	80/63/pc	79/67/pc
New York City	55/44/c	47/36/pc
Phoenix	82/56/pc	78/53/s
San Francisco	66/50/s	61/49/s
Wash., DC	63/47/c	58/41/pc

Weather (W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, l-ice.

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REGIONAL FORECAST

