

WEEKEND Best Bets

Friday

- * **Let's Go Birding Bird Survey**, 9 a.m., meet at Fort to Sea Trailhead, Sunset Beach State Recreation Site, Warren-ton, 8 and older.
- * **SeaPac Convention**, 9 a.m., Seaside Convention Center, 415 First Ave., Seaside.
- * **Tall Ship Tours**, 4 p.m., Port of Ilwaco, 165 Howerton Way, Ilwaco, Wash., \$3 donation, all ages.
- * **Maggie & the Cats**, blues, 6 p.m., Sweet Basil's Café, 271 N. Hemlock St., Cannon Beach, no cover, 21 and older.
- * **Tall Ships Evening Sail**, 6 p.m., Port of Ilwaco, 165 Howerton Way, Ilwaco, Wash., 45, all ages.
- * **Tom Trudell**, jazz, 6 p.m., Shelburne Inn Restaurant, 4415 Pacific Way, Seaview, Wash., no cover.
- * **David Drury**, 6:30 p.m., Bridgewater Bistro, 20 Basin St., Astoria, no cover.
- * **Mbrascatu**, Americana, 9 p.m., Adrift Hotel, 409 Sid Snyder Drive, Long Beach, Wash., no cover.

Saturday

- * **Beach Clean Up**, 9 a.m., Seaside Beach, meet at Seashore Inn on the Beach, 60 N. Promenade, Seaside, all ages.
- * **Nehalem Bay Crab Derby**, 9 a.m., Kelly's Brighton Marine, 29200 Hwy. 101 and Jetty Fishery, 27550 Hwy. 101, Rockaway Beach, all ages.
- * **SeaPac Convention**, 9 a.m., Seaside Convention Center, 415 First Ave., Seaside.
- * **Summer On the Land**, 9 a.m., Circle Creek Reserve, 32825 Rippet Road, Seaside, free.
- * **Tall Ship Tours**, 10 a.m., Port of Ilwaco, 165 Howerton Way, Ilwaco, Wash., \$3 donation, all ages.
- * **North Head Lighthouse Anniversary**, 11 a.m., Cape Disappointment State Park, 244 Robert Gray Drive, Ilwaco, Wash., free, all ages.
- * **SummerFest**, 12 p.m., along Pacific Ave., downtown Long Beach, Wash., free, all ages.
- * **Gearhart ArtWalk**, 2 p.m., along Pacific Way in Gearhart, look for the "Welcome to the Shore" flag at participating merchants.
- * **Tall Ships Adventure Sail**, 2 p.m., Port of Ilwaco, 165 Howerton Way, Ilwaco, Wash., \$39 to \$47, all ages.
- * **First Saturday Art Walk**, 5 p.m., downtown Seaside, look for the art walk signs at participating merchants.



Ron Arel/Submitted Photo

Hawaiian Chieftain, left, and Lady Washington will dock at the Port of Ilwaco, Washington, this weekend for self-guided tours and sailing adventures.

- * **Open Stage Night**, 5 p.m., Long Beach Grange, 5715 Sandridge Road, Long Beach, Wash., free, all ages.
- * **The Harbor Soup Bowl Fundraiser**, 5:30 p.m., Masonic Temple, 1572 Franklin Ave., Astoria, \$50.
- * **George Coleman**, jazz, 6 p.m., Shelburne Inn Restaurant, 4415 Pacific Way, Seaview, Wash., no cover.
- * **Tom Trudell**, 6:30 p.m., Bridgewater Bistro, 20 Basin St., Astoria, no cover.
- * **Theory of Relativity**, rock, 7 p.m., American Legion, 1315 Broadway, Seaside, no cover, 21 and older.
- * **Cody Raymond Trio**, blues, 9 p.m., Pitchwood Inn & Alehouse, 425 3rd St., Raymond, Wash., \$5, 21 and older.
- * **Mbrascatu**, Americana, 9 p.m., Adrift Hotel, 409 Sid Snyder Drive, Long Beach, Wash., no cover.
- * **DJ Dance Party**, 9:30 p.m., Twisted Fish, 311 Broadway, Seaside, 21 and older.

Sunday

- * **Nehalem Bay Crab Derby**, 9 a.m., Kelly's Brighton Marine, 29200 Hwy. 101 and Jetty Fishery, 27550 Hwy. 101, Rockaway Beach, all ages.



ALMANAC

Astoria through Thursday.

Temperatures

High/low	65°/55°
Normal high/low	62°/48°
Record high	79° in 1970
Record low	39° in 1987

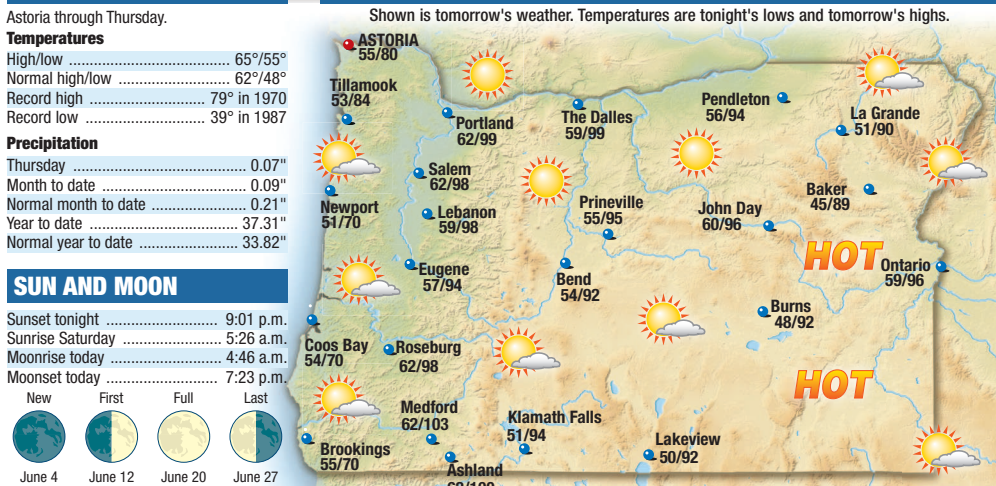
Precipitation

Thursday	0.07"
Month to date	0.09"
Normal month to date	0.21"
Year to date	37.31"
Normal year to date	33.82"

SUN AND MOON

Sunset tonight	9:01 p.m.
Sunrise Saturday	5:26 a.m.
Moonrise today	4:46 a.m.
Moonset today	7:23 p.m.

New Moon: June 4, First Quarter: June 12, Full Moon: June 20, Last Quarter: June 27



UNDER THE SKY

Tonight's Sky: The stars that mark the heads of Hercules and Ophiuchus, which are visible in the east this evening, are close together.

Source: Jim Todd, OMS

TOMORROW'S TIDES

Time	High	Time	Low
12:44 a.m.	9.8 ft.	7:45 a.m.	-1.5 ft.
2:00 p.m.	7.9 ft.	7:34 p.m.	1.8 ft.

REGIONAL CITIES

City	Hi	Lo	W	Sat	W	
Baker City	81	45	s	89	50	s
Bend	84	54	s	92	60	s
Brookings	70	55	s	68	55	s
Eugene	86	57	pc	94	60	s
Ilwaco	68	57	pc	74	58	s
Klamath Falls	88	51	s	94	57	pc
Medford	99	62	s	103	67	pc
Newberg	85	61	pc	97	64	s
Newport	67	51	pc	70	54	s
North Bend	69	54	s	69	56	s
Olympia	81	54	pc	86	54	s
Pendleton	85	56	pc	94	60	s
Portland	87	62	pc	99	67	s
Roseburg	93	62	s	98	64	s
Salem	87	62	pc	98	65	s
Seaside	70	53	pc	79	55	s
Spokane	78	55	pc	87	60	s
Springfield	87	56	s	95	59	s
Vancouver	85	63	pc	97	66	s
Yakima	88	57	pc	96	62	s

TOMORROW'S NATIONAL WEATHER

Shown are noon positions of weather systems and precipitation. Temperature bands are highs for the day.

Army Corps improving fish passage at Lower Granite Dam

By NICHOLAS K. GERANIOS
Associated Press

SPOKANE, Wash. — The government is making big improvements in fish passage facilities at Lower Granite Dam, hoping to increase the number of endangered salmon and steelhead that migrate through the Columbia-Snake river system, the U.S. Army Corps of Engineers said Thursday.

The dam is located on the Snake River west of Pullman. "These fish passage improvements are part of the corps' mission to protect salmon and other endangered fish species," said Lt. Col. Timothy Vail, commander of the corps' Walla Walla District. "We continue to upgrade our older dam infrastructure as planned and to respond to unusually hot weather conditions as we help fish migrate."

One project is designed to deal with high water temperatures in the river in recent years, which can hurt migrating fish. Hot weather has raised summer water temperatures just below the dam to more than 68 degrees, the corps said. The warmer temperatures form a "thermal barrier" to upstream migrating salmon and steelhead, stopping adult fish migrating upstream to their spawning grounds. Last year, hundreds of thousands of adult salmon died because of warm temperatures in the reservoirs behind the Columbia and Snake River dams.

Arch Cape school reopens after refresh

By LYRA FONTAINE
The Daily Astorian

The New School at Fire Mountain is now enrolling for the next school year after closing for a year.

"The school needed to reboot," Faith Deur, the school board's president, said. "We needed a year to reorganize and get people re-energized." After the closing of Cannon Beach Elementary School in 2013, Fire Mountain is an option for families in town seeking an alternative to Seaside public schools. The independent school, located in Arch Cape, will continue to use the Oregon Coast as

a "living laboratory." Located near Oswald West State Park and the recently designated Cape Falcon Marine Reserve, the school allows students to experience the local environment, Deur said. Children are encouraged to spend time outdoors and play in nature. First-through-fourth grade classes are filling up, Deur said. The school draws students from across the north Oregon Coast. This fall, new teacher Kate Romanov, from Nehalem, will bring her experience with place-based learning and social-emotional development to the school's elementary grades. Romanov has a background in environmental sustainability and a master's degree in education. She previously taught in Oregon and California. The school is still searching for a preschool and kindergarten teacher. Fire Mountain's interdisciplinary curriculum focuses on students' emotional and academic growth, creativity and environmental awareness. Besides the core curriculum, the school plans to hold weekly group meetings with students to discuss goals, answer questions and resolve disputes. Parents built the school building during the 1980s.

DEATH

May 30, 2016
DINGES, Cathy Lynn, 66, of Astoria, died in Astoria. Hughes-Ransom Mortuary & Crematory in Astoria is in charge of the arrangements. Go to www.hughes-ransom.com to share memories and sign the guest book.
June 3, 2016
WARD, Nancy Elizabeth, 61, of Ocean Park, Washington, died in Astoria. Ocean View Funeral & Cremation Service in 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.
Astoria City Council, 7 p.m., City Hall 1095 Duane St.

TUESDAY
Seaside Community Center Commission, 10 a.m., 1225 Avenue A.
Seaside Library Board, 4:30 p.m., City Hall, 1131 Broadway.
Miles Crossing Sanitary Sewer District Board, 6 p.m., 34583 U.S. Highway 101 Business.
Seaside Planning Commission, 7 p.m., City Hall, 989 Broadway.
Cannon Beach City Council, 7 p.m., City Hall, 163 E. Gower St.

LOTTERIES

OREGON
Thursday's Pick 4:
1 p.m.: 4-7-5-9
4 p.m.: 1-6-9-9
7 p.m.: 5-8-0-4
10 p.m.: 1-6-3-2

WASHINGTON
Thursday's Daily Game:
3-4-4
Thursday's Keno: 04-12-15-17-21-23-26-27-33-34-38-39-42-44-55-57-58-60-66-74
Thursday's Match 4: 02-05-07-10

CORRECTION

Disorderly conduct
At 5:14 a.m. Thursday, Astoria Police arrested Benjamin Harvey Pickering, 31, of Astoria, for second-degree disorderly conduct, menacing, coercion and resisting arrest after a domestic dispute on the 800 block of Harrison Avenue.

Lease status incorrect
The Port of Astoria and Mark Hollander finalized a lease last month that allows the Bellingham, Washington, developer the right to study the feasibility of a Marriott Hotel on a strip of land the agency owns near the Astoria Bridge. The status of the lease was incorrect in a 1A story Wednesday.

OBITUARY POLICY

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

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