

OUT OF THE VAULT

Blue Mountains may extend to Idaho

A story in the July 9, 1987 *East Oregonian* speculated that the Blue Mountains of Eastern Oregon, commonly thought to extend from Dayton, Washington, to John Day, Oregon, may actually extend as far east as Idaho and include some of the state's most iconic peaks.

The gentle slopes of the Blue Mountains are in stark contrast to the rugged peaks of the Wallows and Elkhorns in the northeast corner of Oregon. But most geologists and science writers would include the Elkhorns near Baker, the Strawberries near John Day, the Wallows and even the Seven Devils range in western Idaho as part of the Blues. And it all has to do with plate tectonics, the motion of land masses that move across the globe on a sea of molten lava far beneath the crust.

According to the theory, one of those pieces of the floating shell, the North American plate, has been colliding with and, in places, overriding the heavier Pacific plate for millions of years. The movements of the plates in relation to each other has, in the case of the Elkhorns and Wallows, created

massive mountain ranges where the North American plate has scraped up features from the Pacific plate, a process called accretion. Studies indicate that the Wallows were at one time volcanic islands in the Pacific Ocean near the equator. Geologists think that the Elkhorns, including the Anthony Lakes area, were pieces of the ocean floor. And as more pieces of the Pacific plate stack up on the North American plate, the coastline — once found in western Idaho, then central Oregon — continues to move westward.

The Blues have a more complicated history. As the Pacific plate is driven (subducted) under the North American plate it melts, re-emerging as lava through thousands of fissures and volcanoes. The Columbia River Basalts, lava flows that covered more than 15,000 square miles in only a week, at depths of up to two miles, occurred sometime between six and 16 million years ago. And for reasons as yet unknown to scientists, the basalts folded in places and formed the hills and valleys familiar to Eastern Oregon residents.

Stan Prowant, a geology professor

at Blue Mountain Community College in Pendleton in 1987, suggested that the Blue Mountains actually should be called the "Blue Holes." Familiar features such as the Blue Mountain Anticline, which extends from central Oregon to the Meacham area, and the smaller Rieth Anticline just west of Pendleton, are examples of the upward folds caused by this geologic action. And Pendleton and Pilot Rock lie along the Agency Syncline, a downward fold in the basalts.

And geologic activity continues in the Blues. Earthquakes shake the area an average of every 15 years, some registering 5 or higher on the Richter scale. And geologist Mark Ferns of the Oregon Department of Geology and Mineral Resources in Baker suggested in the story that future lava flows would not be out of the question. "Troy would be a good place," Ferns said. "That's where the most recent flows originated."

Renee Struthers is the Community Records Editor for the East Oregonian. See the complete collection of Out of the Vault columns at eovault.blogspot.com

DEAR ABBY

Dad can't be thanked enough for helping daughter pay bills

Dear Abby: My wife and I have been married just over a year. It's the second marriage for both of us. Since our wedding, my father-in-law continually "reminds" us that he helped my wife financially after her divorce. He does it because he wants us to continually acknowledge that fact.



JEANNE PHILLIPS
Advice

I have offered to write a check and pay him back for all he did for her during that time, but he refused because he doesn't want the money; he wants the appreciation. To him what that means is when he calls on the phone, we answer. When he and his wife drop by, we are home, etc. I feel that since I have offered to pay him back and he refused the money, the slate is wiped clean. Your thoughts? — **Not Son-In-Law Of The Year**

Dear Son-In-Law: Your father-in-law regards his generosity as a means to control your wife — and you by extension. You are not required to

answer your phone if you prefer not to talk at a particular time, and you certainly do not have to entertain him and his wife at the drop of a hat. The next time the subject comes up, explain that to him, hand him a check and let the chips fall where they may.

Dear Abby: My best friend is pregnant. Her husband is a lazy jerk who, during her last pregnancy, caused her to miscarry. It happened after he informed her he was filing for divorce and marrying a mail-order bride.

I can't bring myself to be happy for her. What do I do? How can I be happy for the person who means the most to me, but will probably lean on me for more support than I can or want to give? — **Best Friend Blues In Kentucky**

Dear B.F.B.: Friends do lean on each other for support, but you can only do what you can do. Frankly, I am surprised that she's still with the husband who treated her so shabbily.

Help her in those areas that you can, but ultimately understand that she is responsible for her own choices. If she needs more help than you can give her, encourage her to reach out to a professional.

Dear Abby: A colleague of mine was let go a few days ago and it shocked us all. I imagine it was even more shocking to her. She seemed to have a good deal of responsibility outside of her normal role, and from what we saw, she was excellent at her job.

We weren't close friends outside of work, but we would text each other now and again and I consider her someone I would like to keep in touch with. Would it be inappropriate to text her and offer my condolences? — **Etiquette Advice In California**

Dear Etiquette: You are entitled to a personal life outside the office. I don't think it would be inappropriate to reach out to her on your own time. As long as you don't discuss it at work, it is your business and no one else's.

DAYS GONE BY

100 Years Ago
From the East Oregonian
July 22-23, 1917

Following investigations that convinces the officers that several rooming houses of the city are being used as places of prostitution, Chief of Police Al Roberts has served notice upon the owners of three of the buildings that they will be held answerable under the city ordinance making them equally responsible for such practices with the lessees or proprietors of the place. Those served with such notices are Charles Koch, owner of the State Hotel building, John Siebert, who owns the building where the Columbia rooming house is located, and R. Martin, owner of the building in which is located the Arlington. Tony Masters is proprietor of the first place and H.F. Peters of the other

two. It is said that the owner of a fourth house, also under the management of Peters, is to be served with such a notice.

50 Years Ago
From the East Oregonian
July 22-23, 1967

A state fire marshal continued investigation in Milton-Freewater today of a fire that caused about \$500,000 damage Thursday. The fire destroyed \$300,000 of frozen food and a large wooden building, as well as damaging a masonry structure. The buildings are owned by Harris Food Industries Inc. The food ruined by the blaze was stored in the Harris buildings by other firms. Refrigeration equipment was a total loss, Harris manager Bud Smith said, and there will be little salvage from either building. The fire apparently started on the north side of the wooden

building soon after midnight.

25 Years Ago
From the East Oregonian
July 22-23, 1992

For a few moments this week, the skies above Pendleton were alive with the drone of Japanese Zeroes — the kind flown by kamikaze pilots in World War II. Seven replicas of the Japanese war planes landed at the Pendleton Airport for refueling before heading to Everett, Wash. Col. Charles Hutchins of Texas City, Texas, said the planes are part of the Confederate Air Force, a flying museum for planes that were used during World War II. The squadron that landed in Pendleton included Zeroes, Kate torpedo bombers and Val dive bombers. All of the replicas were constructed in 1968 for the filming of the movie "Tora, Tora, Tora."

THIS DAY IN HISTORY

Today is the 203rd day of 2017. There are 162 days left in the year.

Today's Highlights in History:

On July 22, 1942, the Nazis began transporting Jews from the Warsaw Ghetto to the Treblinka concentration camp. Gasoline rationing involving the use of coupons began along the Atlantic seaboard.

On this date:

In 1587, an English colony fated to vanish under mysterious circumstances was established on Roanoke Island off North Carolina.

In 1796, Cleveland, Ohio, was founded by General Moses Cleaveland (correct).

In 1862, President Abraham Lincoln presented to his Cabinet a preliminary draft of the Emancipation Proclamation.

In 1916, 10 people were killed when a suitcase bomb went off during San Francisco's Preparedness Day parade; two anti-war labor radicals, Thomas Mooney and Warren K. Billings, were jailed but eventually released amid doubts about their guilt.

In 1934, bank robber John Dillinger was shot to death by federal agents outside Chicago's Biograph Theater, where he had just seen the Clark Gable movie "Manhattan Melodrama."

In 1937, the U.S. Senate rejected President Franklin D. Roosevelt's proposal

to add more justices to the Supreme Court.

In 1946, the militant Zionist group Irgun blew up a wing of the King David Hotel in Jerusalem, killing 91 people.

In 1967, American author, historian and poet Carl Sandburg died at his North Carolina home at age 89.

In 1977, Elvis Costello's debut album, "My Aim Is True," was released by Stiff Records.

In 1983, Samantha Smith and her parents returned home to Manchester, Maine, after completing a whirlwind tour of the Soviet Union.

In 1992, Colombian drug lord Pablo Escobar escaped from his luxury prison near Medellin. (He was slain by security forces in December 1993.)

In 2007: A bus carrying Polish Catholic pilgrims from a holy site in the French Alps plunged off a steep mountain road, killing 26 people. Pdraig Harrington survived a calamitous finish in regulation and a tense putt for bogey on the final hole of a playoff to win the British Open. Cinematographer Laszlo Kovacs ("Easy Rider") died in Beverly Hills, California, at age 74.

In 2011, Anders Breivik, a self-described "militant nationalist," massacred 69 people at a Norwegian island youth retreat after detonating a bomb in nearby Oslo that

killed eight others in the nation's worst violence since World War II.

Today's Birthdays: Former Senate Majority Leader Bob Dole, R-Kan., is 94. Actor-comedian Orson Bean is 89. Author Tom Robbins is 85. Actress Louise Fletcher is 83. Rhythm-and-blues singer Chuck Jackson is 80. Actor Terence Stamp is 79. Game show host Alex Trebek is 77. Singer George Clinton is 76. Actor-singer Bobby Sherman is 74. Former Sen. Kay Bailey Hutchison, R-Texas, is 74. Movie writer-director Paul Schrader is 71. Actor Danny Glover is 71. Singer Mireille Mathieu is 71. Actor-comedian-director Albert Brooks is 70. Rock singer Don Henley is 70. Movie composer Alan Menken is 68. Singer-actress Lonette McKee is 64. Jazz musician Al Di Meola is 63. Actor Willem Dafoe is 62. Rhythm-and-blues singer Keith Sweat is 56. Actress Joanna Goings is 54. Actor Rob Estes is 54. Folk singer Emily Saliers (Indigo Girls) is 53. Actor John Leguizamo is 53. Actor-comedian David Spade is 53. Actor Patrick Labyorteaux is 52. Rock musician Pat Badger is 50. Actress Irene Bedard is 50. Actor Rhys Ifans is 50. Actress Diana Maria Riva is 48. Actor Colin Ferguson is 45. Actor/singer Jaime Camil is 44. Retired NFL player Keyshawn Johnson

is 45. Rock musician Daniel Jones is 44. Singer Rufus Wainwright is 44. Actress Franca Potente is 43. Actress A.J. Cook is 39. Actor Keegan Allen is 37. Actress Camila Banus is 20. Actress Selena Gomez is 25. Britain's Prince George of Cambridge is four.

Thought for Today: "If America forgets where she came from, if the people lose sight of what brought them along, if she listens to the deniers and mockers, then will begin the rot and dissolution." — *Carl Sandburg (1878-1967).*

ALIVE & WELL
541-567-0272
2150 N. First St., Hermiston
July 23th-28th

\$1.00 OFF
• The Beet Goes On Juice
• Passion Paradise Smoothie

Vegan Soft Serve!!!
Wild Citrus

30% OFF
• Wedding Gifts & Décor
• P. Graham Dunn "Red" Signs
• Metal Signs & Wall Hangings

20% OFF
• Essential Source Brand Products
Tri-Active Probiotics, Nopavera Plus, B12 Strips

KENKEN
THE LOGIC PUZZLE THAT MAKES YOU SMARTER.

5	36X		5-		8+
2÷		3-			
	14+	5-		9+	3
		6			11+
5-		1-	8+	2	
	1			3-	

©2017 KenKen Puzzle, LLC www.kenken.com

RULES
1 Each row and each column must contain the numbers 1 through 6 without repeating.
2 The numbers within the heavily outlined boxes, called cages, must combine using the given operation (in any order) to produce the target numbers in the top-left corners.
3 Freebies: Fill in single-box cages with the number in the top-left corner.

WORD★Roundup™
by David L. Hoyt & Jeff Knurek

Find and Circle...

Eight words rhyming with "flower"

Five units of liquid measure

Three facial expressions

Magician's feats

Finish ____ (goal)

Answers to Sunday's puzzle: SHOWER COVER POWER SCOUR TOWER FLOUR / HOUR SOUP / GALLON QUART LITER OUNCE PINT / SMILE SNEER GRIN / TICKETS / LINE

© 2017 Andrews McMeel Syndication

H S C O U R G R I N N Z
V O L I T E R J V O R Q
T K U T K F R X L E E U
O E P R R E L L W C W A
W L V I W I A O N H O R
E I O N G C U U J P T
R M H N J T O K Z R Y V
L S N E E R C H S O U R

7 LITTLE WORDS

Find the 7 words to match the 7 clues. The numbers in parentheses represent the number of letters in each solution. Each letter combination can be used only once, but all letter combinations will be necessary to complete the puzzle.

CLUES	SOLUTIONS
1 give away (6)	_____
2 give the go-ahead (7)	_____
3 give credit to (9)	_____
4 give a bad name to (9)	_____
5 give a whirl (7)	_____
6 give one's word (7)	_____
7 give a hand (6)	_____

AT AP IZE AGE REV
OGN TE EAL ST DIS
REC PRO MPT PR PAR
SE OVE SI MI AS

Today's Answers: 1. REVEAL 2. APPROVE 3. RECOGNIZE 4. DISPARAGE 5. ATTEMPT 6. PROMISE 7. ASSIST

© 2017 Blue Ox Technologies Ltd., Dist. by Andrews McMeel Syndication

BINGO \$1,000 WILL GO!

●	29	44	60	63
7	●	39	50	1
●	17	41	●	71
8	16	32	56	●

BOULEVARD

SATURDAY EVENING
\$5.00 BUY-IN (6 ON - 5 UP)
DOUBLE PAY PACKS

12:30 & 6:30 SESSIONS
Pull-Tabs and SnackBar
Minimum 10 years old with parent or guardian.

6222 W. John Day • Kennewick, WA 99336
509-783-2416 • 1-800-890-6485
*Caution: Participation in gambling activity may result in pathological gambling behavior causing emotional and financial harm. For help, call 1-800-547-6133

www.bingoblvd.com
Mon & Thurs: 10:30 & 12:30
Fri.-Sun: 10:30, 12:30, 6:30, 9:30

UNIVERSAL REALTY
Your Move Is Our Priority!

• Homes • Farms • Commercial • Build to Suit

For listings, visit
www.universalrealtyhermiston.com

Serving the world of Real Estate since 1964

541-567-8303 • 1-800-282-9075
universalrealty@eotnet.net
985 N. First St., Hermiston, OR 97838

Commercial Land for Sale!

2.74 ac. Zoned Retail Sales Commercial.
300 ft. of highway frontage on U.S. Hwy. 395

3 miles from downtown Hermiston.
Includes drilled well, pump house, septic, power and other amenities

Call Carl Holt to inquire:
541-567-8249