

# Salmon: Dams affect Chinook, steelhead

Continued from Page 1A

The Clean Water Act bans Columbia River temperatures over 68 degrees Fahrenheit. Climate change is making that hard to achieve as the river soars even above 70 degrees for days at a time.

Snake River steelhead fishermen in Idaho have paid a high price with seasons already shortened because of diminished runs, and then in 2017 cut even shorter as returns collapsed, coming in even below fish managers' low projections, forcing emergency closures.

The ruling comes as the governor's task force on orca recovery is working on recommendations to help rebuild the critically endangered population of southern resident killer whales, which depend primarily on Chinook for food. Orca advocates have joined forces with dam-removal advocates pushing to breach the Lower Snake River Dams to improve Chinook runs.

The dams affect Chinook and steelhead in multiple ways, by slowing the current into miles-long lakes, creating habitat that predators have thrived in and in which temperatures climb. Billions of dollars have been spent to alter the dams to improve fish passage with success; however, each dam still takes its toll, and the fish runs are not on track for recovery, particularly wild fish, the ecological mainstay for long-term recovery.

Task force members are



Joe Jaszewski/The Idaho Statesman

Some environmentalists want dams on the Snake River — like the Lower Granite Dam — removed to help salmon and whales.

**‘PLEASE FIND THE COURAGE TO TAKE THIS BOLD ACTION. THE WORLD IS WATCHING.’**

Monika Shields | one of many speakers supporting dam removal

considering dam removal as well as increased spill of water over the dams among multiple other changes to boost orca recovery.

At a public hearing held by the task force Wednesday evening, Monika Shields, of San Juan Island, was one of many speakers supporting dam

removal. She walked to the microphone with binders full of 628,987 signatures from an online petition calling for the task force to call on Gov.

Jay Inslee to give his support to dam removal. “Please find the courage to take this bold action,” Shields said. “The world is watching.”

Emily Knaepen came all the way from Racine, Wisconsin, with her aunt to plead for the lives of the orca, and to honor the memories of J50 and Tahlequah, two whales that died this summer. “The story of the southern residents will go down in history,” she said. “What will be your legacy?”

# Mega Millions jackpot soars to \$900M

Associated Press

DES MOINES, Iowa — The Mega Millions jackpot is now up to \$900 million.

Lottery officials raised the estimated prize Wednesday, less than a day after another drawing without a winner increased the prize to \$868 million.

Officials say no tickets matched all six numbers to claim the Mega Millions prize Tuesday night. The numbers were 3, 45, 49, 61, 69 and Mega Ball 9.

The next drawing will be Friday. The estimated jackpot for that drawing would be the second-largest lottery prize in U.S. history.

The largest lottery jackpot was a \$1.6 billion Powerball prize won in January 2016.

The jackpot has been growing since July, when some California office workers won \$543 million.

The odds of winning the jackpot aren't good, at one in 302.5 million.

Mega Millions is played in 44 states — including Oregon — along with Washington, D.C., and the U.S. Virgin Islands.

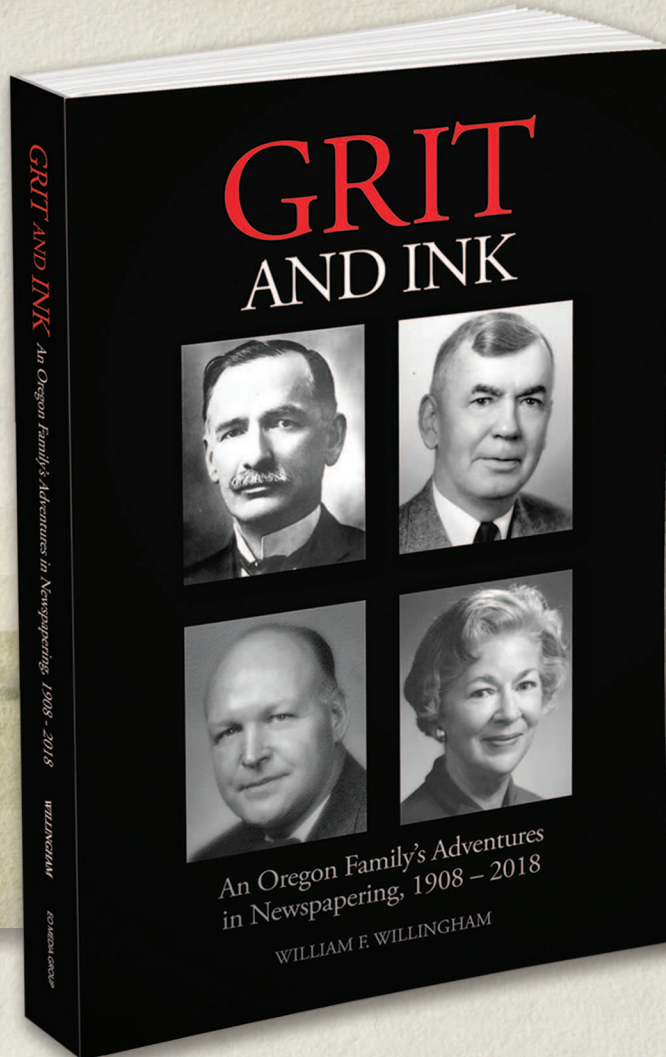
THE DAILY ASTORIAN



# TV SCHEDULE

Evening listings THURSDAY

THURSDAY EVENING												OCTOBER 18	
A	L	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
2	KATU	(2) KATU News at 6 (N)		Jeopardy! (N)	Wheel Fortune (N)	Charlie Brown	Toy Story	Station 19 "Home to Hold Onto" (N)	Away With Murder "It's Her Kid" (N)	News (N)		(3:35) J. Kimmel (N)	
3	KOMO	(4) KOMO 4 News (N)		Wheel Fortune (N)	Jeopardy! (N)	Charlie Brown	Toy Story	Station 19 "Home to Hold Onto" (N)	Away With Murder "It's Her Kid" (N)	KOMO 4 News (N)		(3:35) J. Kimmel (N)	
4	KING	(5) NBC News (N)	KING 5 News (N)	KING 5 News (N)	Evening	Superstore (N)	GoodPlace (N)	Will & Grace (N)	I Feel Bad (N)	Law & Order: S.V.U. "Accredo" (N)		KING 5 News (N)	(3:35) Tonight Show
6	KOIN	(7) KOIN Local 6 (N)	Evening News (N)	Extra	Ent. Tonight (N)	The Big Bang (N)	Young Sheldon (N)	Mom (N)	Murphy Brown (N)	S.W.A.T. "Saving Face" (N)		News (N)	(3:35) Colbert
7	KIRO	(7) KIRO 7 News (N)	Evening News (N)	KIRO 7 News (N)	Ent. Tonight (N)	The Big Bang (N)	Young Sheldon (N)	Mom (N)	Murphy Brown (N)	S.W.A.T. "Saving Face" (N)		KIRO 7 News (N)	(3:35) Colbert
8	KGW	(7) KGW News at 6:00 p.m. (N)	Tonight Cassidy	Inside Edition	Superstore (N)	GoodPlace (N)	Will & Grace (N)	I Feel Bad (N)	Law & Order: S.V.U. "Accredo" (N)	News (N)		News (N)	(3:35) Tonight Show
9	KRCW	(3) Modern Family	Modern Family	The Goldbergs	The Goldbergs	Supernatural "Gods and Monsters" (N)	Charmed "Pilot"	Midsomer M. (5:00) Midsomer M. (5:00)	The Black Book" (3:35) Masterpiece Classic	News (N)		Two and a Half	Two and a Half
10	KOPB	(10) Destination Craft	Business (N)	PBS NewsHour (N)	Oregon Art Beat	Oregon Guide (N)	Family Feud	Prime News (N)	Big Bang Theory	Big Bang Theory	Q13 NEWS AT 10 (N)	News (N)	Page Six TV
12	KPTV	(12) NFL Football Denver Broncos at Arizona Cardinals Site: University of Phoenix Stadium (L)						Prime News (N)	Big Bang Theory	Big Bang Theory	Q13 NEWS AT 10 (N)	News (N)	The Game
13	KPCQ	(13) NFL Football Denver Broncos at Arizona Cardinals Site: University of Phoenix Stadium (L)						Prime News (N)	Big Bang Theory	Big Bang Theory	Q13 NEWS AT 10 (N)	News (N)	The Simpsons
20	TBS	(20) MLB Baseball American League Championship Series (L)						Post-game	The Guest Book	Family Guy	Family Guy	American Dad!	American Dad!
22	KZJO	(22) Black-ish	Black-ish	Mom	Modern Family	Mom	Modern Family	Q13 News at 9 (N)	Big Bang Theory	Big Bang Theory	Big Bang Theory	Two and a Half	Two and a Half
29	ESPN	(29) NCAA Football Stanford at Arizona State Site: Sun Devil Stadium -- Tempe, Ariz. (L)						SportsCenter With Scott Van Pelt (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)	SportsCenter (N)
30	ESPN2	(30) Basketball: A Love Story	Boxing Golden Boy Card TBA (L)					Baseball Tonight	Interruption	Marty & McGee (N)		NBA: The Jump (N)	
31	NICK	(31) The Loud House	The Loud House	The Loud House	TheBureauOf (N)	SpongeBob	SpongeBob	Alvin and the Chipmunks: The Squeakquel '09	Zachary Levi, Jason Lee.	Friends		Friends	Friends
32	DISN	(32) Bunk'd	Bunk'd	Bunk'd	Bunk'd	Raven's Home	Raven's Home	Stuck in Middle	Stuck in Middle	Bunk'd		Bunk'd	Raven's Home
34	FAM	(34) Movie	Dark Shadows (2012, Fantasy) Michelle Pfeiffer, Eve Green, Johnny Depp.					The Addams Family '91, (Com) Raul Julia, Christopher Lloyd, Anjelica Huston.				The 700 Club	
35	FMC	(35) Star Trek Into Darkness (13) Chris Pine.						Darkness (2013, Sci-Fi) Zachary Quinto, Zoe Saldana, Chris Pine.				Dawn of the Planet of the Apes (14) Jason Clarke, Gary Oldman.	
36	LIFE	(36) Grey's Anatomy	Grey's Anatomy	Jukebox Hero				The Holiday (2006, Romance) Kate Winslet, Jack Black, Cameron Diaz.				Married "All Roads Lead to This"	
38	ROOT	(38) H.S. Football	H.S. Football Kennedy vs. Kentwood (L)									The Fantasy Football Hour (N)	H.S. Football
39	FS1	(39) UFC UFC 221											NASCAR Race Hub
43	SPIKE	(43) Mom	Mom	Friends	Friends	Speak for Yourself	Friends	TMZ Sports (N)	Skip and Shannon: Undisputed Opinions on the biggest sports topics of the day.				NASCAR Race Hub
44	COM	(44) The Office	The Office "Casual Friday"	(25) The Office				The Shawshank Redemption (1994, Drama) Morgan Freeman, James Whitmore, Tim Robbins.					The Daily Show (N) Jim Jefferies Show
45	HIST	(45) Pawn Stars	Pawn Stars	Mountain Men "Milestones"				The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
46	A&E	(46) First 48 "Deadly Secrets and True Lies"	The First 48 "A Fighting Chance"					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
47	TLC	(47) 90 Day Fiance: Before the 90 Days "Tell All" (N)						The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
48	DISC	(48) Naked "Love at First Fight"	Naked "Category Five Survival"					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
49	NGEO	(49) Amazing Hotels "Giraffe Manor, Kenya"	San Diego (P) (N)	Wild Spaces				The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
50	TNT	(50) NBA Basketball Chicago Bulls at Philadelphia 76ers (L)	NBA Basketball Los Angeles Lakers at Portland Trail Blazers Site: Moda Center -- Portland, Ore. (L)					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
51	AMC	(51) Halloween 5: The Revenge of... "Halloween: The Curse of Michael Myers" (95) Paul Rudd, Donald Pleasence.						The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
52	USA	(52) NCIS "A Bowl of Cherries"	NCIS "One Book, Two Covers"					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
53	FOOD	(53) Beat Bobby Flay	Beat Bobby Flay	Chopped "Bizarre Battle"				The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
54	HGTV	(54) Flip or Flop	Flip or Flop	Flip or Flop	Flip or Flop	Flip or Flop	Flip or Flop	The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
55	FX	(55) Don't Breathe (2016, Horror) Dylan Minnette, Daniel Zovatto, Jane Levy.						The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
57	CNN	(57) Cuomo Prime Time	CNN Tonight With Don Lemon					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
58	FNC	(58) Hannity	The Ingraham Angle					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
61	CNBC	(61) Shark Tank	Beyond the Tank					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
63	BRV	(63) Shaws of Sunset	Shaws of Sunset "Clash the Persians"	Shaws "Sex, Lies and iPhone Videos"				The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
64	TCM	(64) Born Yesterday Judy Holiday.	**** Singin' in the Rain (52, Mus) Debbie Reynolds, Donald O'Connor, Gene Kelly.					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
65	SYFY	(65) Resident Evil: Apocalypse	Drive Angry (2011, Action) Amber Heard, William Fichtner, Nicolas Cage.					The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show
162	RFD	(162) SF Machinery	Small Town	Rural America "Live" "AARP" (N)				The Office	The Office	The Office 1/2	The Office 2/2		The Daily Show (N) Jim Jefferies Show



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