

GAO: Climate change already costing US billions in losses

Costs will rise with floods, fire and drought

By **MICHAEL BIESECKER**
Associated Press

WASHINGTON — A non-partisan federal watchdog says climate change is already costing U.S. taxpayers billions of dollars each year, with those costs expected to rise as devastating storms, floods, wildfires and droughts become more frequent in the coming decades.

A Government Accountability Office report released Monday said the federal government has spent more than \$350 billion over the last decade on disaster assistance programs and losses from flood and crop insurance. That tally does not include the massive toll from this year's three major hurricanes and wildfires, expected to be among the most costly in the nation's history.

The report predicts these costs will only grow in the future, potentially reaching a budget busting \$35 billion a year by 2050. The report says the federal government doesn't effectively plan for these recurring costs, classifying the financial exposure from climate-related costs as "high risk."

"The federal government has not undertaken strategic government-wide planning to manage climate risks by using information on the potential economic effects of climate change to identify significant risks and craft appropriate federal responses," the study said. "By using such information, the federal government could take the initial step in establishing government-wide priorities to manage such risks."

GAO undertook the study

following a request from Republican U.S. Sen. Susan Collins of Maine and Sen. Maria Cantwell of Washington state, the ranking Democrat on the Senate Committee on Energy and Natural Resources.

"This nonpartisan GAO report Senator Cantwell and I requested contains astonishing numbers about the consequences of climate change for our economy and for the federal budget in particular," said Collins. "In Maine, our economy is inextricably linked to the environment. We are experiencing a real change in the sea life, which has serious implications for the livelihoods of many people across our state, including those who work in our iconic lobster industry."

The report's authors reviewed 30 government and academic studies examining the national and regional impacts of climate change. They also interviewed 28

experts familiar with the strengths and limitations of the studies, which rely on future projections of climate impacts to estimate likely costs.

The report says the fiscal impacts of climate change are likely to vary widely by region. The Southeast is at increased risk because of coastal property that could be swamped by storm surge and sea level rise. The Northeast is also under threat from storm surge and sea level rise, though not as much as the Southeast.

The Midwest and Great Plains are susceptible to decreased crop yields, the report said. The west is expected to see increased drought, wildfires and deadly heatwaves.

Advance copies were provided to the White House and the Environmental Protection Agency, which provided no official comments for inclusion in the GAO report.

Requests for comment from The Associated Press also received no response on Monday.

President Donald Trump has called climate change a hoax, announcing his intent to withdraw the United States from the Paris climate accords and revoke Obama-era initiatives to curb greenhouse gas emissions. Trump has also appointed officials such as EPA Administrator Scott Pruitt, Energy Secretary Rick Perry and Interior Secretary Ryan Zinke, all of whom question the scientific consensus that carbon released into the atmosphere from burning fossil fuels is the primary driver of global warming.



AP Photo/Michelle R. Smith

Protesters gather outside a meeting where a climate change report was to be released in Providence, R.I. The Environmental Protection Agency kept three of its scientists, who had been expected to discuss the report on the health of Narragansett Bay, from speaking at the event.

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SEASIDE AMERICAN LEGION
SATURDAY, OCTOBER 28TH, 2017
HALLOWEEN DANCE & COSTUME PARTY
PRIZES FOR BEST HALLOWEEN COSTUME
1st - \$100*, 2nd - \$75*, 3rd - \$50* & two \$10*
THUNDER ROAD BAND
Salem's finest R&R/Country band - 8:30pm to ?
HALLOWEEN DINNER SPECIAL ONLY \$18
12oz. Rib-eye Steak with Baked Potato, Garden Salad & Dinner Roll
A fundraising "PUBLIC WELCOME" event to support military veterans welfare & community.
1315 Broadway in Seaside • 503-738-5111

OCTOBER 25 CAREER FAIR
at Providence Seaside Hospital
Providence is calling.
We are seeking compassionate individuals for on-call, part-time and full-time openings in a variety of clinical and non-clinical positions, including:
• Nursing and Nursing Support
• Food and Nutritional Services
• Environmental Services/Housekeeping
Whether you are trying to advance your career or get started in health care, come see what Providence has to offer.
Providence Seaside Hospital
Wednesday, October 25
10 a.m. to 2 p.m.
We look forward to meeting you!
Get a jump start on applying for positions at
<http://bit.ly/ProvidenceSeasideOpenings>
Providence Health & Services is an Equal Opportunity Employer

THE CLATSOP COUNTY HISTORICAL SOCIETY
is proud to present
TALKING TOMBSTONES
OVER MY DEAD BODY
SUNDAY
OCTOBER 29TH
1 TO 4 PM
GREENWOOD CEMETERY
91569 Highway 202
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VISITORS SHOULD PLAN TO ARRIVE NO LATER THAN 3PM, AS THE DECEASED BEGIN TO FADE FROM VIEW AS THE DARKNESS OF NIGHT DRAWS NEAR.
Free Event
DONATIONS WELCOME
For more information about this event or other Clatsop County Historical Society activities, please call 503-325-2203 or email cchs@cumtux.org.

THE DAILY ASTORIAN TV SCHEDULE Evening listings TUESDAY

A - Charter Astoria/ Seaside - L - Charter Long Beach

TUESDAY EVENING		OCTOBER 24											
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)	The Middle (N)	Fresh Off-Boat (N)	Black-ish (N)	The Mayor (N)	Saves the World "How to Be Good" (N)		KATU News (N)	(3:55) Jimmy Kimmel
5	KOMO	(4) KOMO 4 News (N)		Wheel of Fortune	Jeopardy!	The Middle (N)	Fresh Off-Boat (N)	Black-ish (N)	The Mayor (N)	Saves the World "How to Be Good" (N)		KOMO 4 News (N)	(3:55) Jimmy Kimmel
6	KING	(5) NBC News (N)	KING 5 News (N)	KING 5 News (N)	Evening	The Voice "The Battles, Part Four" (N)	This Is Us "Brothers" (N)	Law & Order (N)		Law & Order (N)		KING 5 News (N)	(3:55) Tonight Show
6	KOIN	(6) KOIN Local 6 (N)	Evening News (N)	Extra	Ent. Tonight	NCIS "Fake It 'Til You Make It" (N)	Bull "Play the Hand You're Dealt" (N)	NCIS: New Orleans "Viral" (N)		NCIS: New Orleans "Viral" (N)		KOIN 6 News (N)	(3:55) Colbert
6	KIRO	(7) KIRO 7 News (N)	Evening News (N)	KIRO 7 News (N)	Ent. Tonight	NCIS "Fake It 'Til You Make It" (N)	Bull "Play the Hand You're Dealt" (N)	NCIS: New Orleans "Viral" (N)		NCIS: New Orleans "Viral" (N)		KIRO News (N)	(3:55) Colbert
8	KGW	(8) KGW News at 6:00 p.m. (N)		Live at 7 (N)	Inside Edition	The Voice "The Battles, Part Four" (N)	This Is Us "Brothers" (N)	Law & Order (N)		Law & Order (N)		KGW News (N)	(3:55) Tonight Show
8	KRCW	(3) Modern Family	Modern Family	The Goldbergs	The Goldbergs	The Flash "Luck Be a Lady" (N)	DC's Legends of Tomorrow "Zari" (N)	News at 10 (N)	Mom	News at 10 (N)	Mom	Two and a Half	Two and a Half
10	KOPB	(10) Ask-Old House	Business (N)	PBS NewsHour (N)		Finding Your Roots "The Vanguard" (N)	Vietnam "This Is What We Do (July 1967-December 1967)"	Remembering Vietnam		Remembering Vietnam		Voices.Vietnam	Voices.Vietnam
12	KPTV	(12) (5:00) MLB Baseball World Series (L)		FOX 12's News (N)		FOX 12's News (N)		Family Feud	Family Feud	10 O'Clock News (N)		News (N)	Page Six TV
13	KPDx	(13) (5:00) MLB Baseball World Series (L)		Mike & Molly	Mike & Molly	Big Bang Theory	Big Bang Theory	9 O'Clock News (N)		Family Guy	American Dad!	The Game	The Game
13	KCPQ	(13) (5:00) MLB Baseball World Series (L)		Q13 News (N)		Q13 News (N)		Big Bang Theory	Big Bang Theory	Q13 News at 10 (N)		Q13 News (N)	The Simpsons
20	TBS	(20) Seinfeld Pt. 2 of 2	Seinfeld	Seinfeld	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Q13 News at 10 (N)		Conan	Conan
22	KZJO	(22) Friends	Friends	The Goldbergs	The Goldbergs	Modern Family	Modern Family	Q13 News at 9 (N)		Big Bang Theory	Big Bang Theory	Two and a Half	Two and a Half
29	ESPN	(29) (5:00) 30 for 30 "The U Part 2"		College Football Playoff "Top 25"		SportsCenter (N)		SportsCenter With Scott Van Pelt (N)		SportsCenter (N)		SportsCenter (N)	SportsCenter (N)
30	ESPN2	(30) The Fantasy Show	30 for 30 "What Carter Lost"			College Football Playoff "Top 25"		NFL Live		Jalen & Jacoby (N)	The Fantasy Show	30 for 30 "Four Days in October"	
31	NICK	(31) The Loud House	Henry Danger	Henry Danger	The Thundermans	The Thundermans	NickyRickyDicky	Full House	Full House	Full House	Full House	Friends	Friends
32	DISN	(32) Jessie	Jessie	Bunk'd	Bunk'd	Andi Mack	Stucky in Middle	Bizaardvark	Raven's Home	K.C. Undercover	Liv and Maddie	Bizaardvark	Raven's Home
34	FAM	(34) Movie	(45) *** Addams Family Values '93	Raul Julia, Anjelica Huston.		(50) *** Hocus Pocus (1993, Comedy)	Sarah Jessica Parker, Cameron Diaz.	Kathy Najimy, Bette Midler.		The 700 Club		The 700 Club	
35	FMC	(35) (1:15) *** The Other Woman (2014, Comedy)	Nikolaj Coster-Waldau, Leslie Mann, Cameron Diaz.			(50) *** Sex Tape (2014, Comedy)	Jason Segel, Cameron Diaz.	(20) FXM Presents	*** Sex Tape (2014, Comedy)	Jason Segel, Cameron Diaz.			
36	LIFE	(36) Grey's A. "Sympathy for the Parents"	Dance Moms			Dance Moms: Dance and Chat (N)	Dance Moms "Under Cheryl's Spell" (N)	DanceMom (N)	DanceMom (N)	DanceMom (N)	DanceMom (N)	Dance Moms	
38	ROOT	(38) DFL Soccer Hoffenheim at VfL Wolfsburg				MLS Soccer Colorado Rapids at Seattle Sounders FC		Press Pass	UEFA Soccer Champions League Napoli vs. Manchester City				
39	FS1	(39) Ink Unleashed "Rising Stars of 2016"	UFC Classics "Evans vs. Machida"	To Be Announced		To Be Announced		Speak for Yourself		Skip and Shannon: Undisputed Opinions on the biggest sports topics of the day.			
43	SPIKE	(43) Ink Master "Paintstalking Portraits"	Ink Master "Firing Squad"	Ink Master "Fight to the Final"		Ink Master "Firing Squad"		Ink Master "Ink Live"		Ink "Smells Like Seattle Spirit" (N)		Tattoo Nightmares	Tattoo Night.
44	COM	(44) Futurama	Tosh.0	Tosh.0	Tosh.0	Tosh.0	Tosh.0	Tosh.0	Tosh.0	Jim Jefferies (N)	The Daily Show (N)	The Opposition (N)	
45	HIST	(45) Forged in Fire "Butterfly Swords"	Forged in Fire "Master and Apprentice"			Forged in Fire: Cutting Deeper (N)		Forged in Fire "Knights Templar" (N)		(05) CountCars (N)	(35) CountCars (N)	(05) Forged in Fire "Knights Templar"	
46	A&E	(46) (5:00) To Be Announced				To Be Announced		Leah Remini: Scientology and the Aftermath	Shocking stories of abuse, heartbreak and harassment.				
47	TLC	(47) 7 Little Johnstons "Tour de Johnston"	7 Johnstons "A Life-changing Decision"	Little Couple "I Want to Be President"		Little Couple "I Want to Be President"		Little C. "Quack! Quack! Quack!" (N)		7 Little Johnstons "The M Word" (N)		(05) Little "Quack! Quack! Quack!" (N)	
48	DISC	(48) Street Justice "The Savage Skulls"	Street Justice:Bronx "The Reckoning"	Street Justice "Bronx Most Wanted" (N)		Street Justice:Bronx "Bronx On Fire"		Ed Stafford: Left "Mongolia: The Altai"		Ed Stafford: Left "Mongolia: The Altai"		Street Justice:Bronx "Bronx On Fire"	
49	NGEO	(49) Inside Combat Rescue "The Last Stand"	Inside Combat "This Is a Nightmare"			Inside the Green Berets		Brothers in War	The experiences of Charlie Company in the Vietnam War.			Brothers in War	
50	TNT	(50) *** Shrek (2001, Animated)	Voices of Eddie Murphy, Cameron Diaz, Mike Myers.	*** Shrek 2 '04, Animated)	Voices of Eddie Murphy, Cameron Diaz, Mike Myers.	*** Shrek the Third (2007, Animated)	Eddie Murphy, Cameron Diaz, Mike Myers.						
51	AMC	(51) *** Child's Play (1988, Horror)	Alex Vincent, Chris Sarandon, Catherine Hicks.	Curse of Chucky (2013, Horror)	Fiona Dourif, Brad Dourif, Chantal Quesnelle.								
52	USA	(52) Chrissy Knows	Chrissy Knows	Chrissy Knows	Chrissy Knows	WWE Super Smackdown				Chrissy Knows (N)	Chrissy Knows (N)	Modern Family	Modern Family
53	FOOD	(53) Chopped "Fried Chicken Time"	Chopped "On the Quack Burner"	Chopped Junior "Kids With Chops" (N)		Chopped "Snap Pea To It!"		Chopped "Tight Budgets and Big Dreams"		House Hunters (N)	House Hunters (N)	House Hunters	House Hunters
54	HGTV	(54) Fixer "Traditional Goes Ultra Modern"	Fixer Upper "Retiring to the Country"	Fixer Upper		Fixer "Tight Budgets and Big Dreams"				Cult "Winter of Our Discontent" (N)		Cult "Winter of Our Discontent"	
56	FX	(56) (4:30) *** Battleship '12	Alexander Skarsgard, Taylor Kitsch. *** World War Z (2013, Action)	Mireille Enos, Daniella Kertesz, Brad Pitt.		Anderson Cooper 360		Anderson Cooper 360		Anderson Cooper 360		CNN Tonight With Don Lemon	
57	CNN	(57) Anderson Cooper 360		CNN Tonight With Don Lemon		CNN Tonight With Don Lemon		Anderson Cooper 360		Anderson Cooper 360		CNN Tonight With Don Lemon	
58	FNC	(58) Hannity		Fox News Tonight		Tucker Carlson Tonight		Hannity		The Story		Tucker Carlson Tonight	
61	CNBC	(61) Shark Tank		Adventure Capitalists "Ocean"		Shark Tank		Shark Tank		Adventure Capitalists "Ocean"		Paid Program	
63	BRV	(63) Below Deck "Cool Beans"		Below Deck		Below Deck		Below Deck (N)		Below Deck		WatchWhat (N)	Below Deck
64	TCM	(64) (5:00) The Innocents ('61)	Deborah Kerr.	*** Diary of a Madman ('63, Hor)	Nelson Olmstead, Nancy Kovack, Vincent Price.	*** Curse of the Demon ('57)	Niall MacGinnis, Peggy Cummins, Dana Andrews.					Carnival of Souls Candance Hilligoss.	
65	SYFY	(65) (5:00) Priest (2011, Action)	Paul Bettany.	*** Underworld: Rise of the Lycans ('09)	Bill Nighy, Rhona Mitra, Michael Sheen.	*** I, Frankenstein (2014, Fantasy)	Aaron Eckhart, Bill Nighy, Yvonne Strahovski.					The Sixth Sense ('99, Thril)	Bruce Willis.
66	RFD	(66) (5:30) Cattlemen	Chasing-Madison	Horse. "An Overview of Starting a Colt"	Chris Cox	Rural Eve. News	Ag PhD	Cattlemen to Cattlemen		Chasing-Madison		Product Showcase	