## Plan to slow wildfires would clear strips of land

#### By BRADY MCCOMBS Associated Press

SALT LAKE CITY — The Trump administration is proposing an ambitious plan to slow Western wildfires by bulldozing, mowing or revegetating large swaths of land along 11,000 miles of terrain in the West.

The plan that was announced this summer and presented at public open houses, including one in Salt Lake City this week, would create strips of land known "fuel breaks" on about 1,000 square miles of land managed by the U.S. Bureau of Land Management in an area known as the Great Basin in parts of Idaho, Oregon, Washington, California, Nevada and Utah.

The estimated cost would be about \$55 million to \$192 million, a wide range that illustrates the variance in costs for the different types of fuel breaks. Some would completely clear lands, others would mow down vegetation and a third method would replant the area with more fire-resistance vegetation.

It would cost another \$18 million to \$107 million each year to maintain the strips and ensure vegetation doesn't regrow on the strips of land.

Wildfire experts say the program could help slow fires, but it won't help in the most extreme fires that can jump these strips of land. The breaks could also fragment wildlife habitat.

An environmental group calls it an ill-conceived and expensive plan that has no scientific backing to show it will work.

A U.S. Geological Survey report issued last year found that fuel breaks could be an important tool to reduce damage caused by wildfires, but the agency cautioned that no scientific studies have been done to prove their effectiveness



In this Sept. 15, 2018, file photo, firefighters battle a brush fire near Shaggy Mountain Road in Herriman, Utah.

and that they could alter habitat for sagebrush plants and animal communities.

The Bureau of Land Management says it has done about 1,200 assessments of fuel breaks since 2002 and found they help control fires about 80% of the time.

The strips of land that would be 500 feet or less would be created along highways, rural roads and other areas already disturbed such as right of ways for pipelines, said Marlo Draper, the Bureau of Land Management's supervisory project manager for the Idaho Great Basin team.

They won't prevent fires, but they should reduce the costs of having to battle major blazes because fuel breaks reduce the intensity, flame length and spread of fires and keep firefighters safe, Draper said.

It cost about \$373 million over the last decade to fight 21 fires that were larger than 156 square miles on lands managed by the bureau in Utah, Nevada and Idaho, according to a report explaining the proposal.

"It gives us a chance to get in front of it and put fires out more quickly," Draper said.

Western wildfires have grown more lethal because of extreme drought and heat associated with climate change and by housing developments encroaching on the most fire-prone grasslands and brushy canyons. Many of the ranchers and farmers who once managed those landscapes are gone, leaving terrain thick with vegetation that can explode into flames.

The proposal is out for public comment and pending environmental review. If approved, some of the land could be cleared as soon as next year while other projects could take several years, she said.

The plan comes after President Trump last December issued an executive order last December calling on the Interior Department to prioritize reducing wildfire risks on public lands.

This proposal doesn't include U.S. National Forest Service lands. Most states have their own separate plans for fire prevention, which sometimes include thinning of forests.

These fuel breaks are a useful tool if used along with other wildfire prevention methods that can keep firefighters safer and potentially help out in broad scopes of land because they are long and thin, said Lenya Quinn-Davidson, the area fire adviser for University of California Cooperative Extension. They can especially helpful by providing perimeters for prescribed burns. But they must be in the right places and don't stop fires, she said.

David Peterson, an ecology professor at the University of Washington and former federal research scientist, said the plan will likely produce mixed success slowing down fires. But Peterson said the plan will not help with extreme fires that produce embers and flames that jump over these fire breaks. He said the risk of fragmenting important habitat and harming animals like sage grouse is real.

The U.S. government must also be committed to the chore of maintaining the areas or the plan won't help and could open the door for more cheat grass to grow in, which fuels fires.

"We are buying into a long-term commitment of funding," Peterson said. Patrick Donnelly, the

Patrick Donnelly, the Center for Biological Diversity's Nevada state director, said the plan could break up habitat for sage grouse, deer and the Pygmy rabbit. He said the money would be better spent planting native seed and sagebrush to get rid of non-native plants that make fires worst.

"This seems like the Interior is trying to demonstrate they are doing something, and they want something that is impressive to people, like: 'Look at us, we've bulldozed 11,000 miles of desert," Donnelly said. "Ultimately, this is a misguided effort."

# In reversal, Trump disavows criticism of chanting crowd

BRIEFLY

WASHINGTON (AP) — President Donald Trump renewed his attacks on a Somali-born congresswoman Friday while reversing his previous criticisms of a North Carolina crowd who chanted "send her back," defending them as "patriots" while again questioning the loyalty of four Democratic lawmakers of color.

In a week that has been full of hostile exchanges over race and love of country on both sides, Trump returned to a pattern that has become familiar during controversies of his own making: Ignite a firestorm, backtrack from it, but then double down on his original, inflammatory position.

"You know what I'm unhappy with?" Trump answered when reporters at the White House asked if he was unhappy with the Wednesday night crowd. "Those people in North Carolina, that stadium was packed. It was a record crowd. And I could have filled it 10 times, as you know. Those are incredible people. They are incredible patriots. But I'm unhappy when a congresswoman goes and says, 'I'm going to be the president's nightmare.""

### Giant Hawaii telescope to focus on big unknowns of universe

HONOLULU (AP) — Is there life on planets outside our solar system? How did stars and galaxies form in the earliest years of the universe? How do black holes shape galaxies?

Scientists are expected to explore those and other fundamental questions about the universe when they peer deep into the night sky using a new telescope planned for the summit of Hawaii's tallest mountain.

But the Thirty Meter Telescope is a decade away from being built. And Native Hawaiian protesters have tried to thwart the start of construction by blocking a road to the mountain. They say installing yet another observatory on Mauna Kea's peak would further defile a place they consider sacred.

Activists have fought the \$1.4 billion telescope but the state Supreme Court has ruled it can be built. The latest protests could be the final stand against it.

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