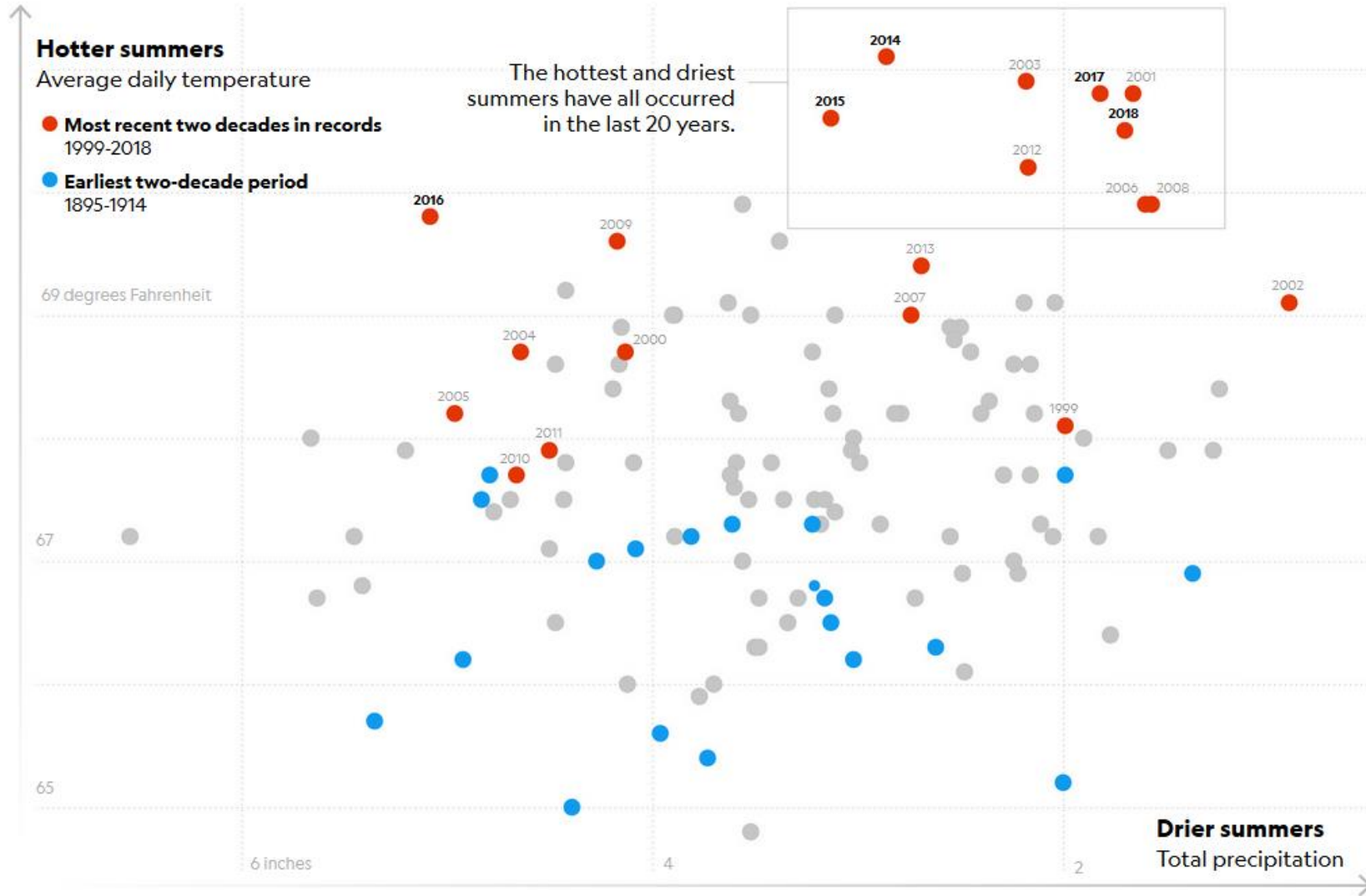


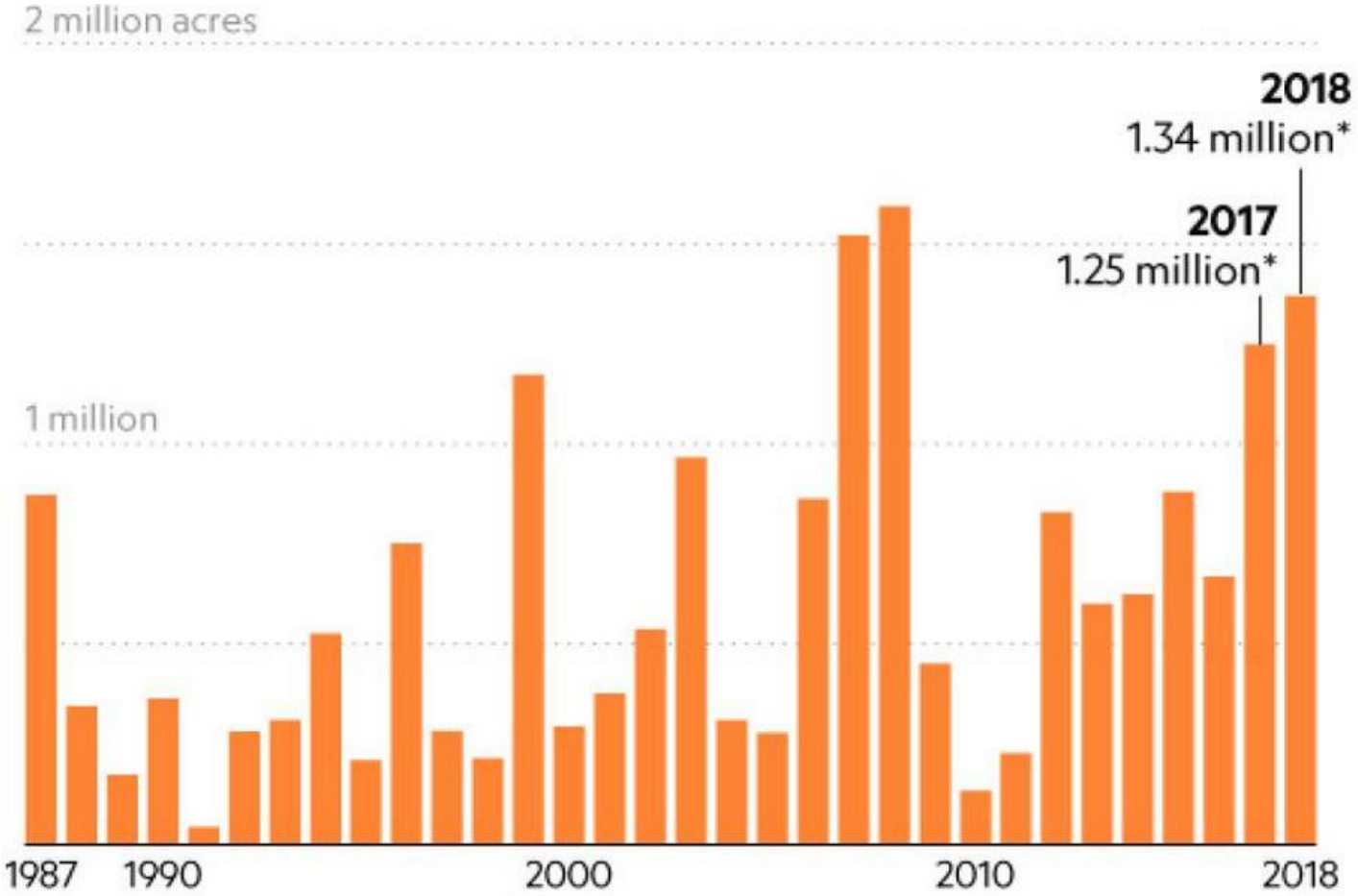
The Emerging Nexus of Fire & Water in the Wildland-Urban Interface



Hotter & Drier conditions fuel larger wildfires



Acres burned by California Wildfires



* Pending local agency reports.

Woolsey Fire, November 2018

- **Ventura County**
- **96,949 acres**
- **1,643 structures**
- **3 deaths**
- ***Source: CAL FIRE***

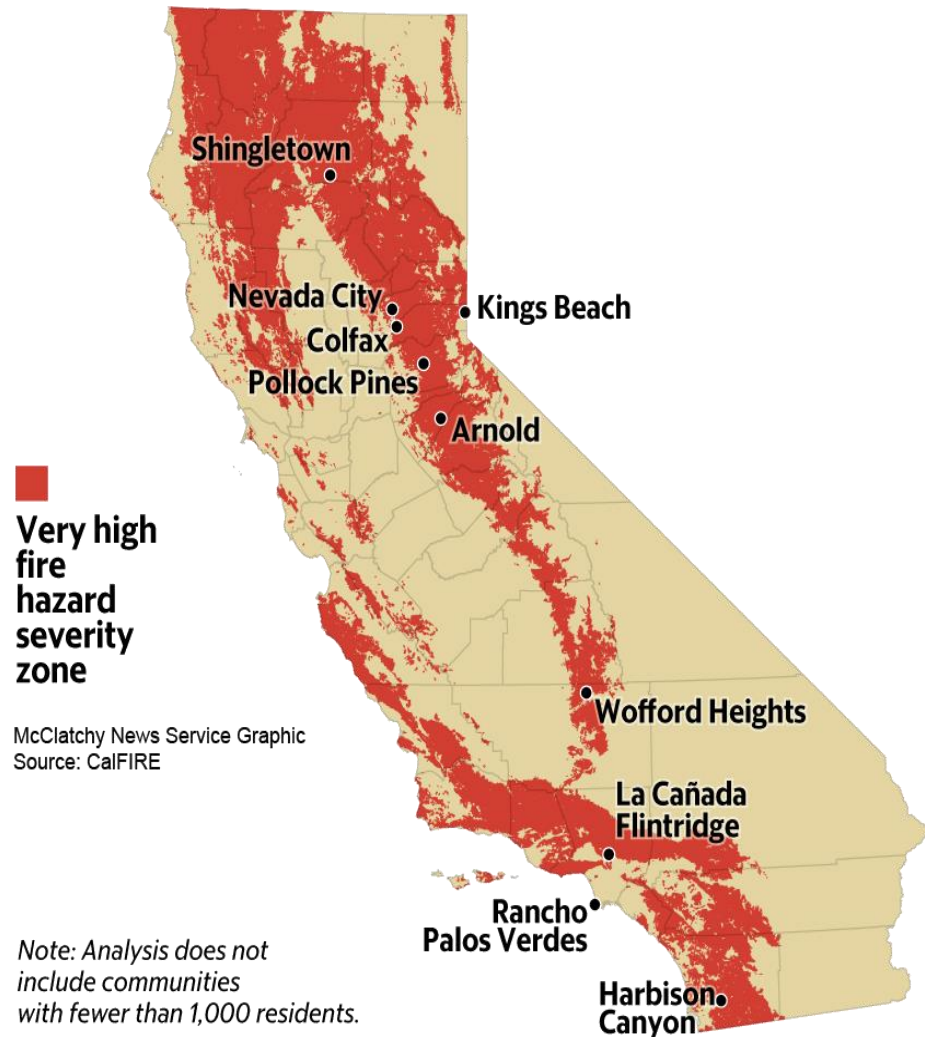


Camp Fire, November 2018

- Butte County
- 153,336 acres
- 18,804 structures
- 86 deaths
- *Source: CAL FIRE*



The Emerging Nexus



Land-use

- **Increased development** in wildland-urban **interface**
- **1 in 3** CA homes lies in wildlife- urban interface.
- More than **75 communities in California** where **90 percent** of the **population lives** in very high **fire hazard severity zone**
- **1 million** homes **built** in the interface **since 1990**
- California adopted **strict guidelines in 1990** for new structures built in the wildland-urban interface
- But **California still lacks fire retrofit programs**

The Emerging Nexus

Water supply, water quality & ...

- At least **65 percent of the public water supply** in the Western U.S. in **fire-prone areas**
- **Wildfires can expose the drinking water for millions to contamination**
- **Public safety, air quality, erosion danger, financial impacts to government and citizens, utility shutdowns, rising insurance rates / canceled policies...**



The Emerging Nexus of Fire & Water in the Wildland-Urban Interface

Panelists:

- *Clint Snyder, Assistant Executive Officer, Central Valley Regional Water Quality Control Board, Redding Office*
- *David Pedersen, General Manager, Las Virgenes Municipal Water District*
- *Kevin Phillips, District Manager, Paradise Irrigation District*
- *Dave Eggerton, Executive Director, Association of California Water Agencies*

Moderator:

- *Jennifer Persike, Executive Director, Leadership California*

