

In with the New. Atmospheric Rivers 2014.

- **12** Science Missions
- 73.2 flight hours
- 190 dropwindsondes
- 98.9% dropsonde quality
- Travis AFB Honolulu Anchorage

20050









El Nino Rapid Resonse 2016

- 22 research missions
- 187.5 flight hours
- 628 dropwindsondes
- 96.3% sonde reliability

6R-8L

## What we learned

- Fast response to increased/enhanced field effort
- Logistics of up to four international operating sites
- No alternates near Christmas Island
- 120/30 AOC crew flight limit
- Consider Maui or Kona



## What we learned

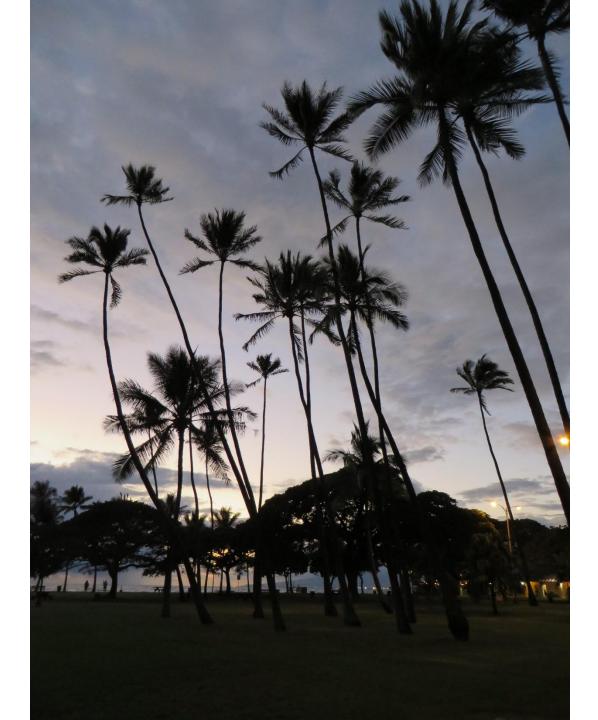
- Funding uncertainty
- Everett inexpensive but not ideal
- Great observer and media participation

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• New points converter







## Overall

• AOC management has substantial enthusiasm toward AR research, understands its importance to saving lives and property.

• When possible, secure NOAA sponsorship, funding and be part of the NOAA aircraft working group

- Smooth transition from canned WSR to customized AR tracks. Thanks, Oakland ARTCC
- Central planning works well for us executing at remote locations
- Many thanks to you all