A New Era for NOAA Environmental Satellites

2017 NOAA SATELLITE CONFERENCE
JULY 17-20, 2017

Mark S. Paese
NOAA Deputy Assistant Administrator
Satellite and Information Services
Thank you for participating!

Photo courtesy of ZKI Communications
Bringing People Together
GOES-16 Accomplishment

“This was an excellent hands-on demonstration of the capability GOES-16 provides to detect wildfires… We were calling local officials and, in some cases, it was the first notification they had of these fires—even before they got 911 calls...They were able to begin planning evacuations before the fires turned…”

Aaron Johnson, Weather Forecast Office, Dodge City, Kansas

6 fatalities in four states, and more than 1 million acres burned, hundreds of homes and structures destroyed or damaged.
Fort McMurray Fire

In 2016, a wildfire swept through the community of Fort McMurray in Canada, forcing the largest wildfire evacuation in Alberta’s history, with more than 88,000 people forced from their homes. The fire ultimately spread across roughly 1.5 million acres. VIIRS imagery was used to help differentiate the fire line from the city lights of Fort McMurray; in addition, the VIIRS Day/Night Band showed the fire progression during consecutive nights and how the smoke was moving into the continental U.S.
Global Observing System
Recent and Upcoming Launches

- **JASON-3**
  - Operational July 1, 2016

- **GOES-R Series**
  - GOES-16: Launched November 19, 2016
  - GOES-S: 2018
  - GOES-T: 2019
  - GOES-U: 2025

- **JPSS Series**
  - JPSS-1: 2017
  - JPSS-2: 2021
  - JPSS-3: 2026
  - JPSS-4: 2031

- **COSMIC-2**
  - COSMIC-2A: 2018

- **DSCOVR**
  - Operational July 27, 2016
We hope to see you at future events!

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#NSC2017