

Remote Sensing and Fire Weather

The remote sensing committee strongly recommends that NWA members enhance their knowledge for the fire weather season by reviewing the online training module hosted at the COMET MetEd website. The training module is titled "Multispectral Satellite Applications: Monitoring the Wildland Fire Cycle".

The module describes current and future satellite instruments and products used for monitoring the fire cycle, with an emphasis on polar-orbiting satellites. Product information is presented in the context of the fire cycle: from assessing the pre- and post-fire environment to detecting and monitoring active fires, smoke, and aerosols. The module is intended for a wide range of users involved with wildfire detection and monitoring, including weather forecasters, hydrologists, land use managers, and researchers.



Access to the module is free but you will need to create an account on the MetEd website if you do not already have one. Taking a few minutes to create an account will also give you access to the valuable documents at the links listed here:

http://www.meted.ucar.edu/npoess/multispectral_topics/fire_wx/main.htm

http://www.meted.ucar.edu/npoess/multispectral_topics/fire_wx/fireProductSuite.pdf

http://www.meted.ucar.edu/npoess/multispectral_topics/fire_wx/summary.pdf

This training module has a number of excellent graphics and illustrations, information on products to use during wild fire outbreaks, and operational case studies with observations from a National Weather Service forecaster who experienced the fire. In short, you will benefit greatly from reviewing this narrated training module and keeping the product suite and summary documents readily available for the fire season.

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