



# Satellite-Derived Atmospheric Motion Vectors: Current and Future Products

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# Topics

- Benefits of satellite-derived winds: Why do we generate them?
- Physical Description: Estimating Atmospheric Motion from Satellite Imagery
  - » Algorithm Description and Challenges
  - » Today's Atmospheric Motion Vector Products
- Preparing for the GOES-R Advanced Baseline Imager (ABI )
  - » Leveraging the new capabilities of the GOES-R ABI
  - » Algorithm Development Activities (GOES-R AWG Program)
- Future plans

