# WCRP <br> Data Advisory Council 

## March 4, 2013 <br> JPSS Gap Mitigation

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## ABOUT THE GAP RISK STUDY

This study will seek ideas from all sources to help preserve NOAA's numerical weather forecast product quality in the event of a loss of NOAA polar satellite data. It will consist of an enterprise-wide examination, from candidate alternative sensors through data assimilation and on to forecast model performance. It is intended to provide a comprehensive list of contingency options that could be exercised in the event of a gap in polar satellite observations.

NOAA has long been concerned about the potential for a gap in polar satellite coverage in the afternoon orbit. In addition to reports from Inspector General and the Government Accountability Office on this topic, NOAA has also convened an Independent Review Team to review the progress of our satellite programs and identify the challenges ahead. These reports have all substantiated NOAA's concerns regarding the gap

NOAA is taking positive steps to mitigate the negative impacts to NOAA's numerical weather forecasts that could be introduced by a lack of polar satellite data. To this end, NOAA has commissioned an investigative study to broadly explore all available options, such as substitute observation data, alternative modeling data, and data assimilation improvements. NOAA is convening teams of internal and external experts, industry eaders, foreign partners, and academia to study each of these areas

As a part of this effort, and to ensure we examine all potential solutions, NOAA is also seeking comments, suggestions, and innovative ideas from the public on how to preserve the quality and timeliness of NOAA's numerical weather forecasts should we experience a loss of polar satellite environmental data. Through this web portal, the public can submit ideas, review submissions from other parties, and make comments and collaborate on ideas.

If you have further questions about the JPSS Gap Mitigation Study please contact David Hermreck at david.hermreck@noaa.gov.

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## http://www.osd.noaa.gov/jpssgap/

## JPSS GAP MITIGATION STUDY

| About JPSS | Observation Mitigation <br> View Observation Ideas |
| :--- | :--- |
| How Ideas will be Evaluated | Modeling Mitigation <br> View Modeling Ideas |
|  | Assimilation Mitigation <br> View Assimilation Ideas |
|  | Other Mitigation <br> View Other Ideas |

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