



Science Advisory Board

Environmental Information Services Working Group (EISWG)

EISWG

2023 Report to Congress

26 July 2023

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2023 EISWG Report to Congress

Mandate from The Weather Act:

- (1) EISWG to transmit to SAB an annual Report to Congress (RtC)
- (2) SAB to transmit RtC to NOAA Under Secretary (SAB policy 2-4 weeks)
- (3) NOAA to transmit RtC to Congress within 30 days of receipt

RtC Contents from The Weather Act:

“...progress made by National Oceanic and Atmospheric Administration in adopting the Working Group’s recommendations.”

Identifying NOAA Progress on EISWG Recommendations

Process:

- All EISWG recommendations (and associated NOAA responses) from five major EISWG reports were compiled in a compact table
- For each recommendation/response pair, a finalized set of questions was created to help assess NOAA progress in adopting EISWG recommendations
- Questions were shared with NOAA Liaisons to help identify NOAA SMEs
- Informal information-sharing meetings were held with NOAA Liaisons & SMEs
- Report to Congress draft reviewed by all EISWG members and NOAA SMEs

Thank You Viviane, Karin, & NOAA Liaisons and SMEs!

Report Outline

Introduction - Including charge from Congress

Overview - Brief outline of RtC structure

Urgency - Environmental & Congressional motivations

Section 1 - “**New**” - NOAA progress on EISWG recommendations

[**DISS, HFIP, EPIC, TWEIP, OSSE**]

Section 2 - EISWG recommendations already approved by SAB & transmitted to NOAA

(awaiting NOAA response) [**GONG, S2S**]

Section 3 - EISWG Topics in preparation

Radar Gaps, Radio Occultation, Water/Drought, Heat & Human Health/Fire Wx,
Forecast Errors

Section 4 - Relation to PWR

Summary - Common Threads

Appendices - One for each of the five reports in Section 1

Key Messages from the Report

- **Motivation**

- Motivation for the topics identified by Congress in The Weather Research and Forecasting Innovation Act of 2017 (“The Weather Act”), and subsequently chosen for review by EISWG, is increasingly relevant today

- **Successes**

- Much has been accomplished by dedicated NOAA staff and the collaborative approaches within NOAA and with the external community; important to highlight

- **Challenges**

- Common threads running through the challenges align with the Immediate First Steps identified in the Priorities for Weather Research (PWR) report

Congressional Interest

- House staff have responded to past Report to Congress (RtC) postings on the SAB website; Senate staff responded to the actual 2022 RtC transmission from NOAA. Both pathways are important
- With The Weather Act reauthorization bill currently being developed, EISWG is likely to be contacted by Congressional staff for RtC briefings



Questions?