

American Meteorological Society Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Environmental Studies Program (Weather, Ocean, Climate Studies) / 2021-2022

Report Date: November 2021

Product Description: AMS Weather Studies; AMS Ocean Studies; AMS Climate Studies

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Notes: This report covers accessibility conformance for the AMS eBook product and associated AMS course websites. This report does not discuss Third party websites linked to by the AMS eBook product or associated AMS course websites.

Evaluation Methods Used: Chromevox, Acrobat Read Out Loud *Text-to-Speech* tool, Online eBook Text-to-Speech, Adobe PDF accessibility checker, Adobe DreamWeaver, TPGi Colour Contrast Analyser, [WebAIM Contrast Checker](#). Tested on Windows 10, Mac OSX, Android, and iOS

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes / No) Level AA (Yes / No)

Standard/Guideline	Included In Report
	Level AAA (Yes / No)
Web Content Accessibility Guidelines 2.1	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports with Exceptions	Some maps and diagrams require a sensory perception of color or color patterns for correct interpretation.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	
1.2.2 Captions (Prerecorded) (Level A)	Supports	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports with Exceptions	Some maps and diagrams require a sensory perception of color or color patterns for correct interpretation.
1.4.1 Use of Color (Level A)	Supports with Exceptions	Some maps and diagrams require a sensory perception of color or color patterns for correct interpretation
1.4.2 Audio Control (Level A)	Supports	
2.1.1 Keyboard (Level A)	Supports	
2.1.2 No Keyboard Trap (Level A)	Not Applicable	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	
2.2.1 Timing Adjustable (Level A)	Not Applicable	
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	There is no moving, blinking or scrolling information featured
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	
2.4.1 Bypass Blocks (Level A)	Supports	
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	
2.4.4 Link Purpose (In Context) (Level A)	Supports	
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	Not Applicable
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 only)	Not Applicable	
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	No live audio content in synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supported	
1.3.4 Orientation (Level AA 2.1 only)	Supported	
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supported	
1.4.3 Contrast (Minimum) (Level AA)	Supports with Exceptions	Minimum text contrast is supported in text, tables, and objects provided with course materials and course delivery. However, due to the nature and source of some operational imagery relied of by the course, text contrast in images cannot be consistently guaranteed.
1.4.4 Resize text (Level AA)	Supported	
1.4.5 Images of Text (Level AA)	Supported	
1.4.10 Reflow (Level AA 2.1 only)	Supported	
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supported	
1.4.12 Text Spacing (Level AA 2.1 only)	Supported	
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Not Applicable	Content on hover and on focus are not used

Criteria	Conformance Level	Remarks and Explanations
2.4.5 Multiple Ways (Level AA)	Supported	
2.4.6 Headings and Labels (Level AA)	Supported	
2.4.7 Focus Visible (Level AA)	Supported	
3.1.2 Language of Parts (Level AA)	Supported	
3.2.3 Consistent Navigation (Level AA)	Supported	
3.2.4 Consistent Identification (Level AA)	Supported	
3.3.3 Error Suggestion (Level AA)	Supported	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supported	
4.1.3 Status Messages (Level AA 2.1 only)	Supported	