What is Color Vision Deficiency (CVD)?

The inability to distinguish certain shades of color

- X-linked recessive disorder
- 1 in 12 men worldwide
- 1 in 200 women worldwide

www.colourblindawareness.org/colour-blindness/
Operations Proving Ground CVD Evaluation
New Airmass RGB

Deuteranopia CVD Viewpoint

Protanopia CVD Viewpoint

Images created using Coblis - Color Blindness Simulator
Where do we go from here?

- Create NWS CVD working group
- Reach out to other agencies
- Identify RGBs that could use adjustments
- Training on the Composite Options Tool
References and Useful Links


Colour Blindness Awareness, cited 2022: Colour Blindness. [Available online at https://www.colourblindawareness.org/colour-blindness/]

