

Suffern Paul

From: [REDACTED]
Sent: Wednesday, May 31, 2017 11:27 AM
To: [REDACTED]
Subject: RE: NTSB Request 17-137

Hi Paul,

This is in response to your additional questions regarding the scale of colors.

The FIS-B MOPS (DO-358) does provide the recommended colors for displaying weather intensity:

For the regional NEXRAD:

Intensity Encoded Value	dBZ Reflectivity Range	Recommended Color
0	dBZ < 5	None
1	$5 \leq \text{dBZ} < 20$	None
2	$20 \leq \text{dBZ} < 30$	Green
3	$30 \leq \text{dBZ} < 40$	Amber/Yellow
4	$40 \leq \text{dBZ} < 45$	Red
5	$45 \leq \text{dBZ} < 50$	Red
6	$50 \leq \text{dBZ} < 55$	Red
7	$55 \leq \text{dBZ}$	Red

For CONUS NEXRAD:

Intensity Encoded Value	dBZ Reflectivity Range	Recommended Color
0	No Data	Distinctive Designation for "No Data" (Required)
1	dBZ < 20	None
2	$20 \leq \text{dBZ} < 30$	Green
3	$30 \leq \text{dBZ} < 40$	Amber/Yellow
4	$40 \leq \text{dBZ} < 45$	Red
5	$45 \leq \text{dBZ} < 50$	Red
6	$50 \leq \text{dBZ} < 55$	Red
7	$55 \leq \text{dBZ}$	Red

Please let me know if you have any additional questions.

Have a great day.

[REDACTED]

Anne Torgerson