



National Transportation Safety Board

**Office of Aviation Safety
Washington, D.C. 20594-2000
April 18, 2017**

**ATTACHMENT 3 to the WEATHER STUDY
DCA16IA215**

Severe hail index data provided by the Cooperative Institute for Mesoscale Meteorological Studies.

*Submitted by: Mike Richards
NTSB, AS-30*

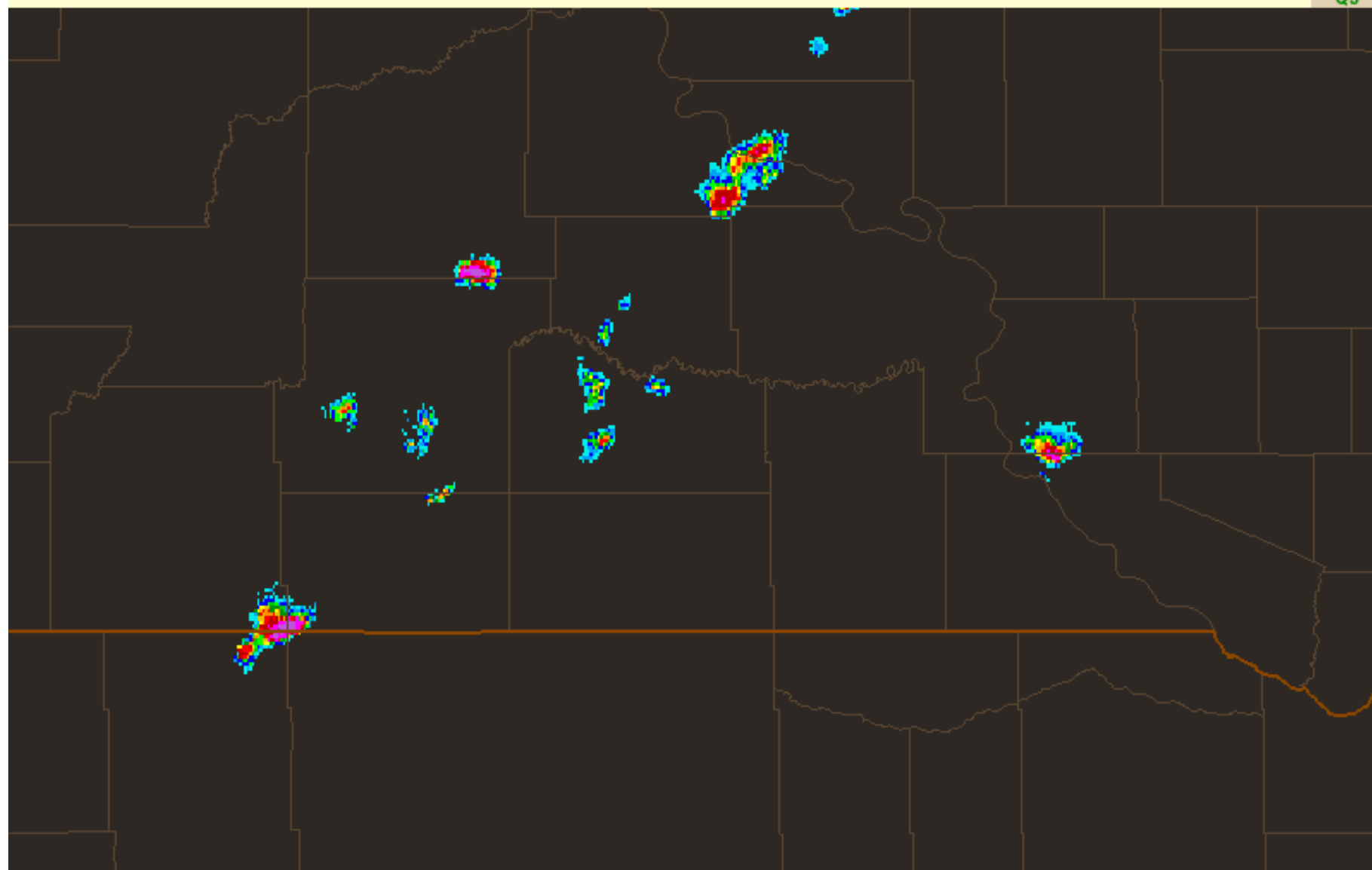
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:30:00 UTC



Q3



Severe Hail Index



44.75
-103.16 42.32 -97.840

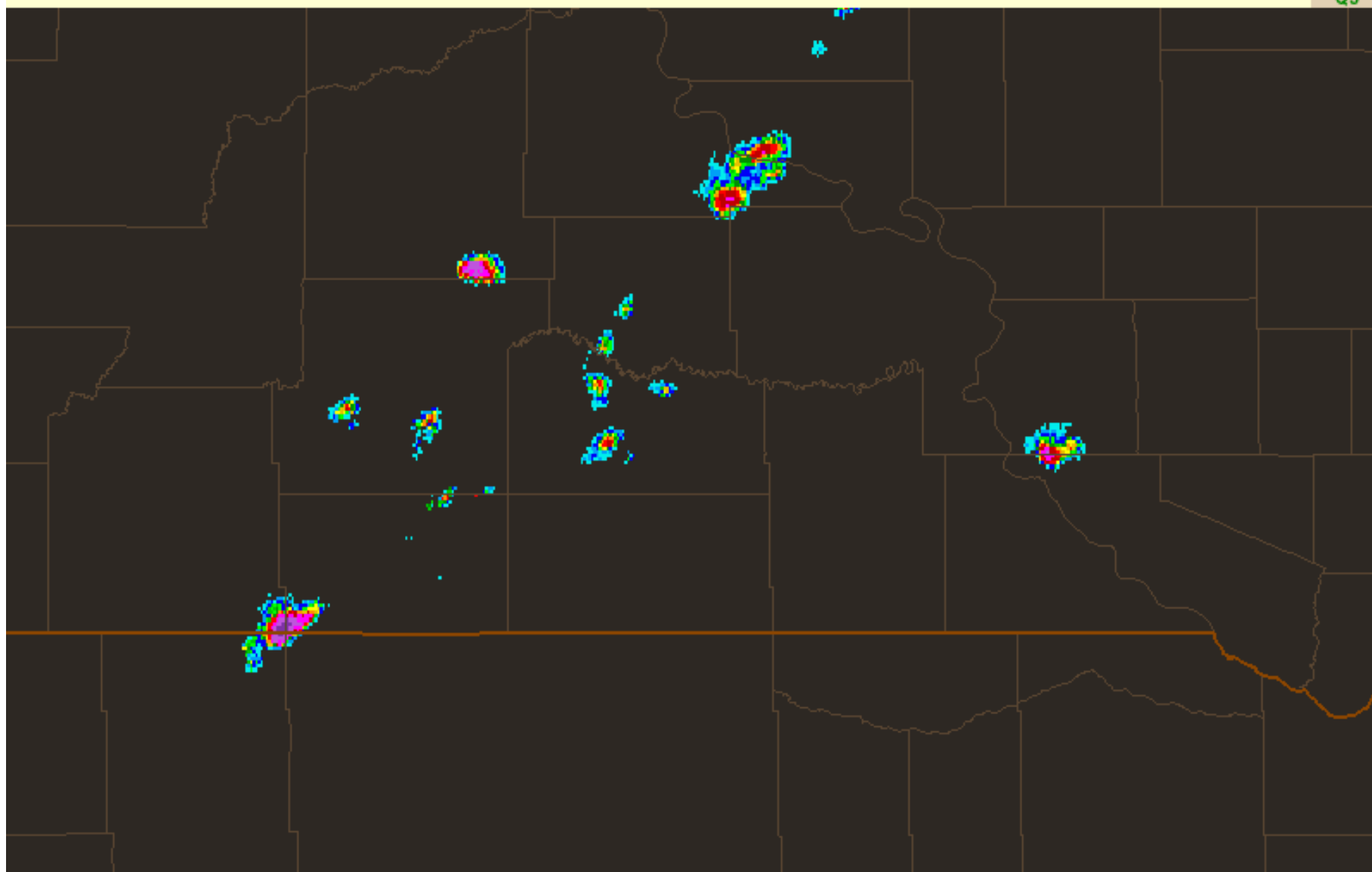
Severe Hail Index

Derived From Mosaic3D

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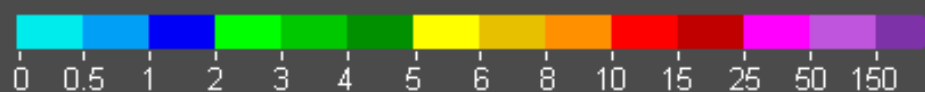


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

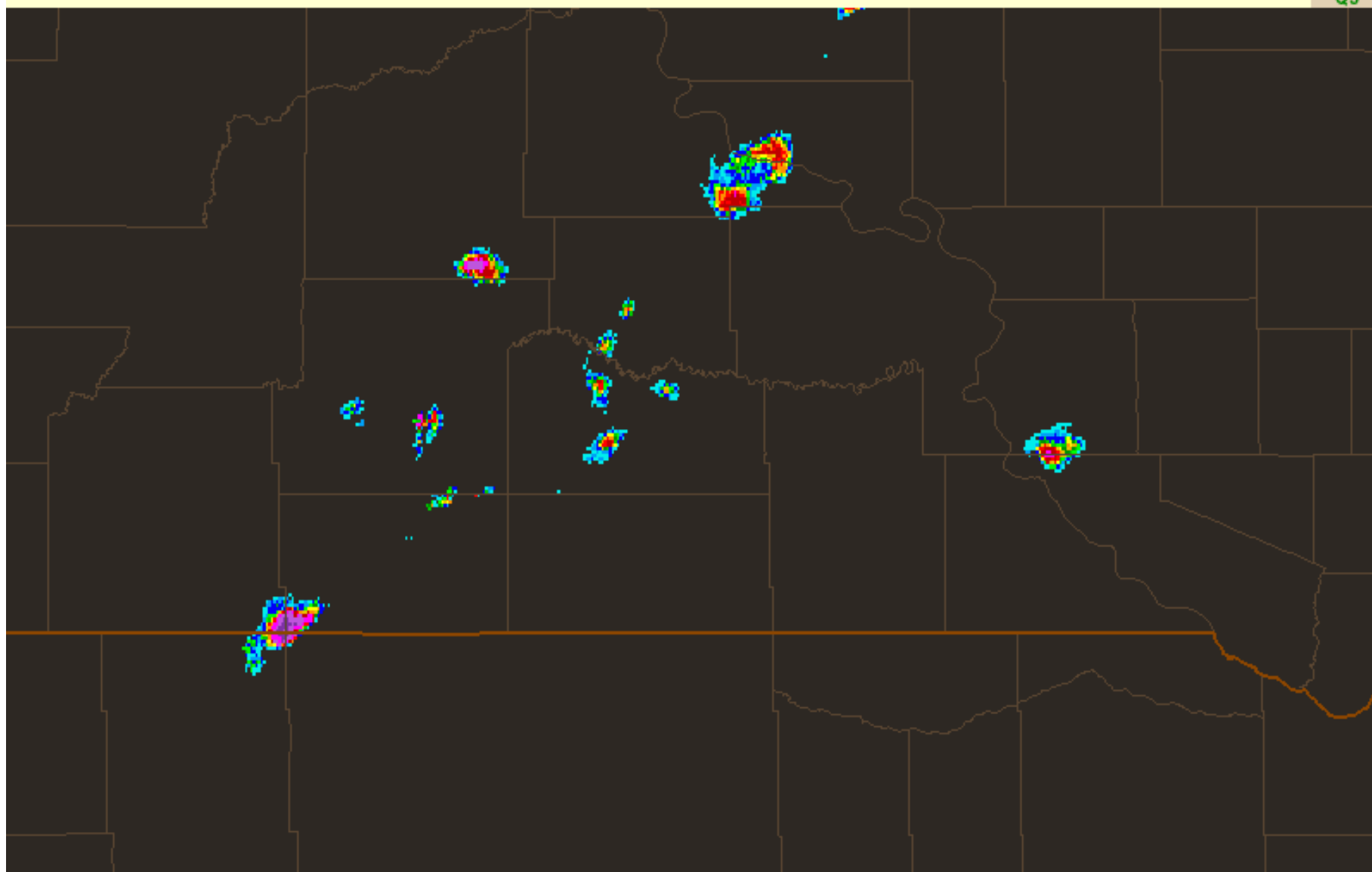
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:34:00 UTC

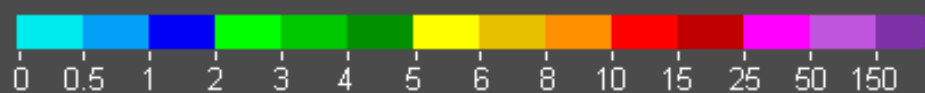


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

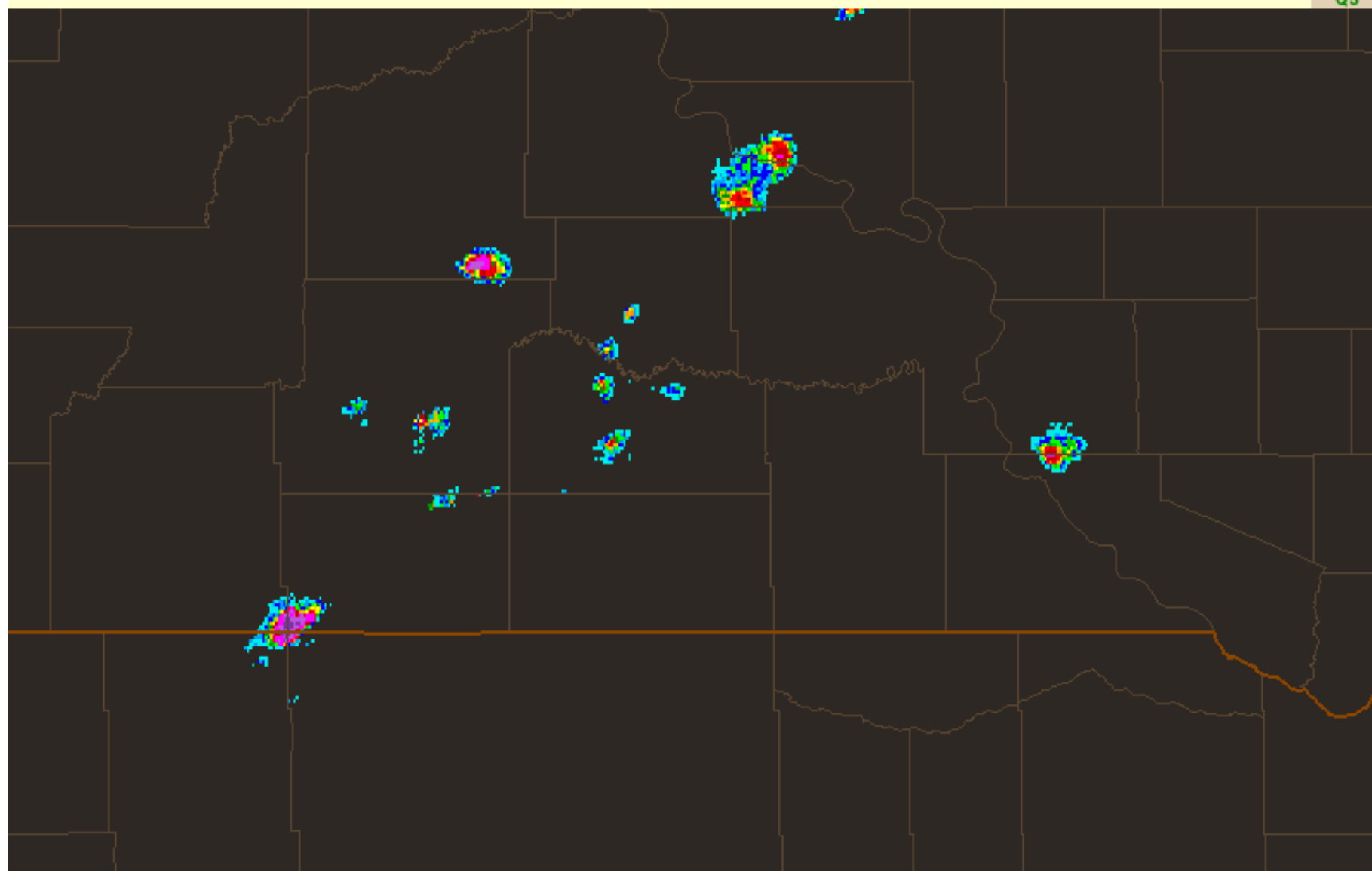
Severe Hail Index

Derived From Mosaic3D

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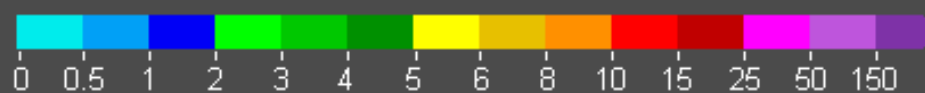


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

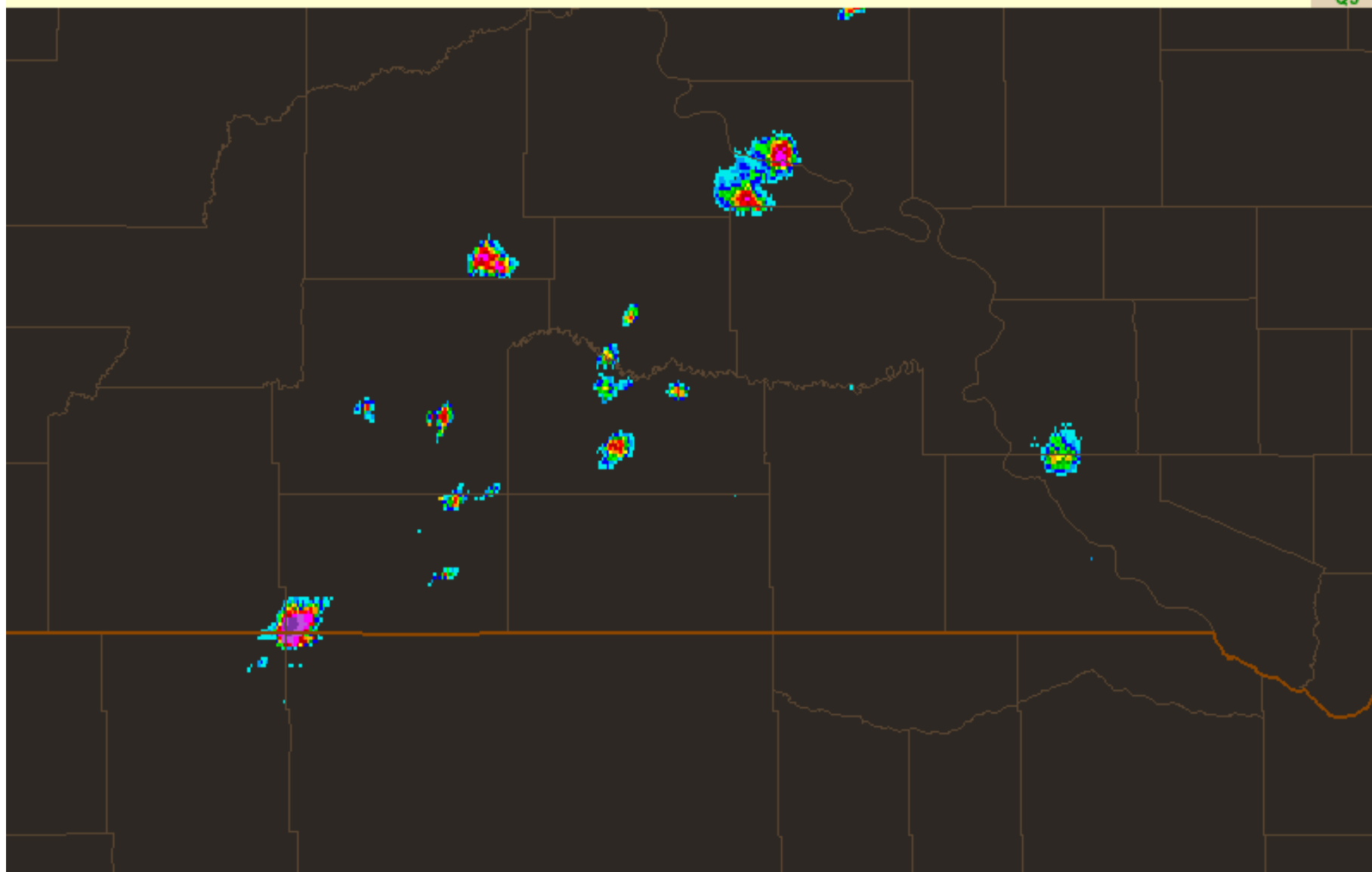
Severe Hail Index

Derived From Mosaic3D

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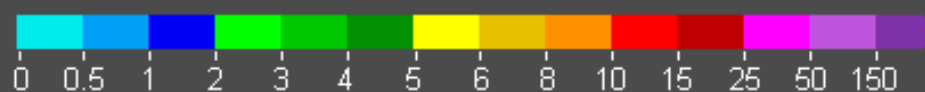


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

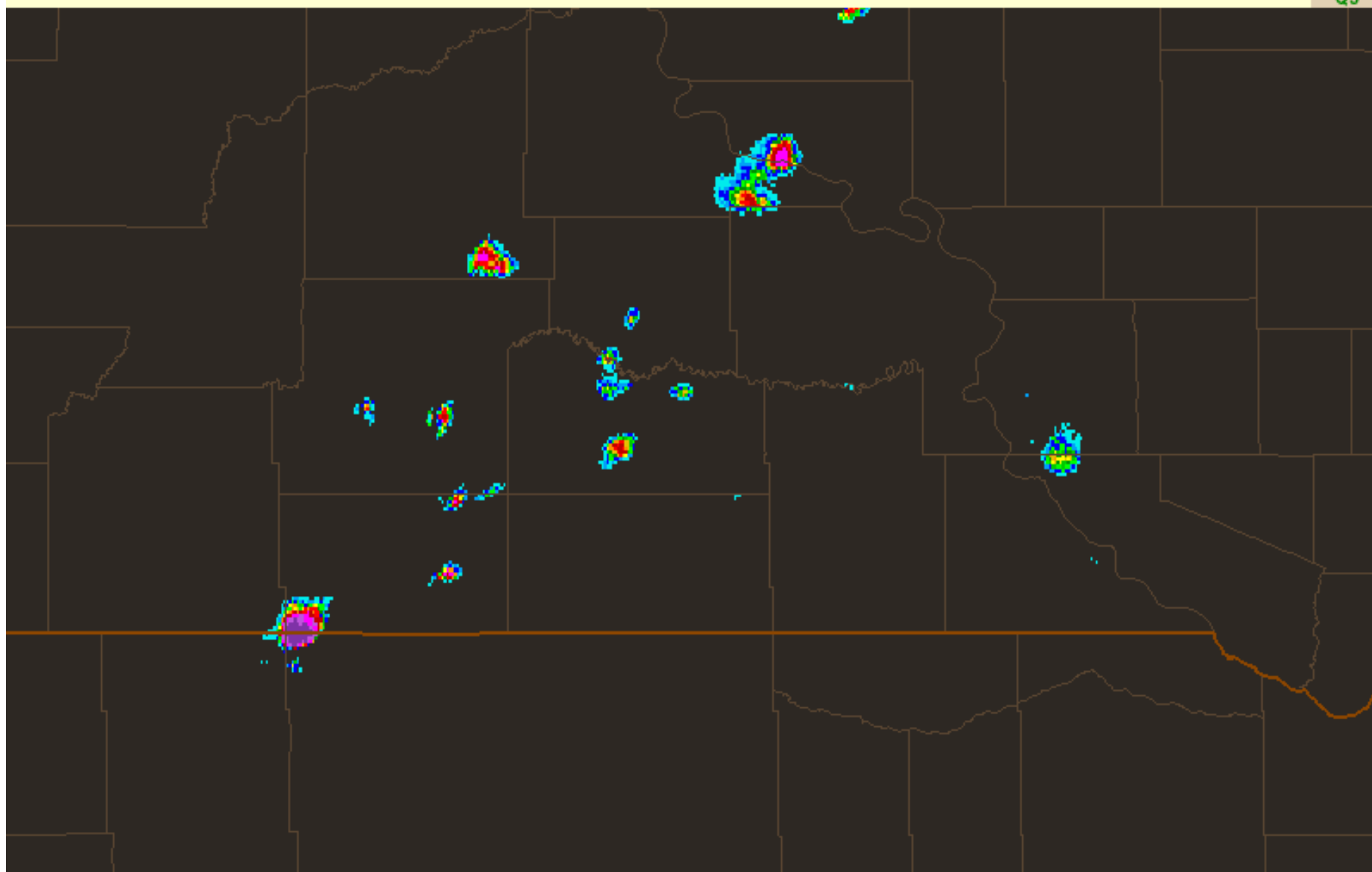
Severe Hail Index

Derived From Mosaic3D

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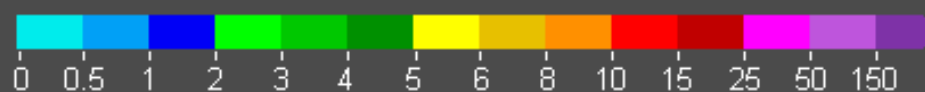


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

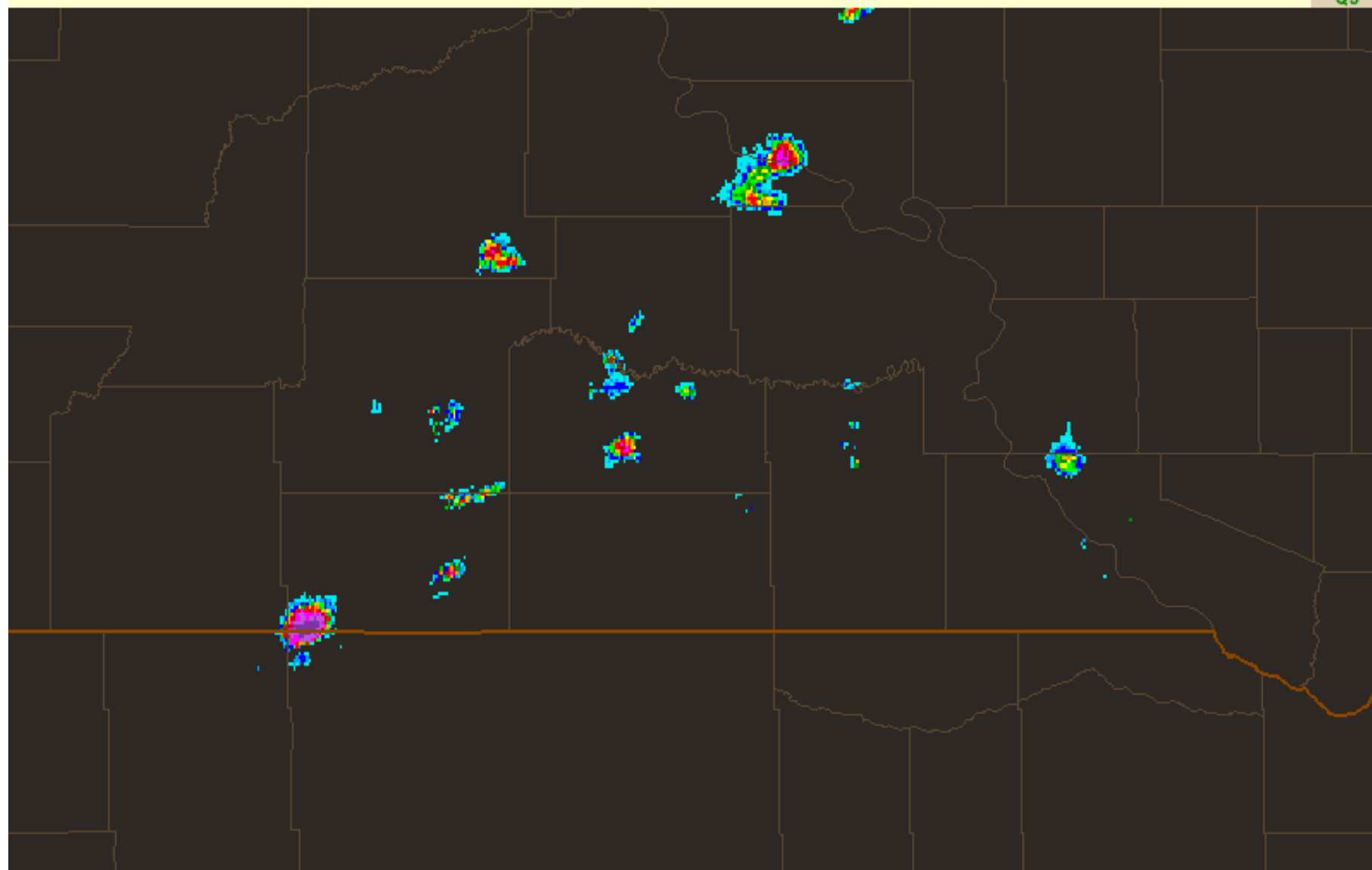
Severe Hail Index

Derived From Mosaic3D

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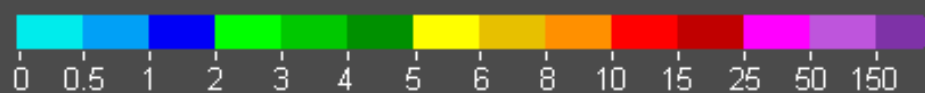


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

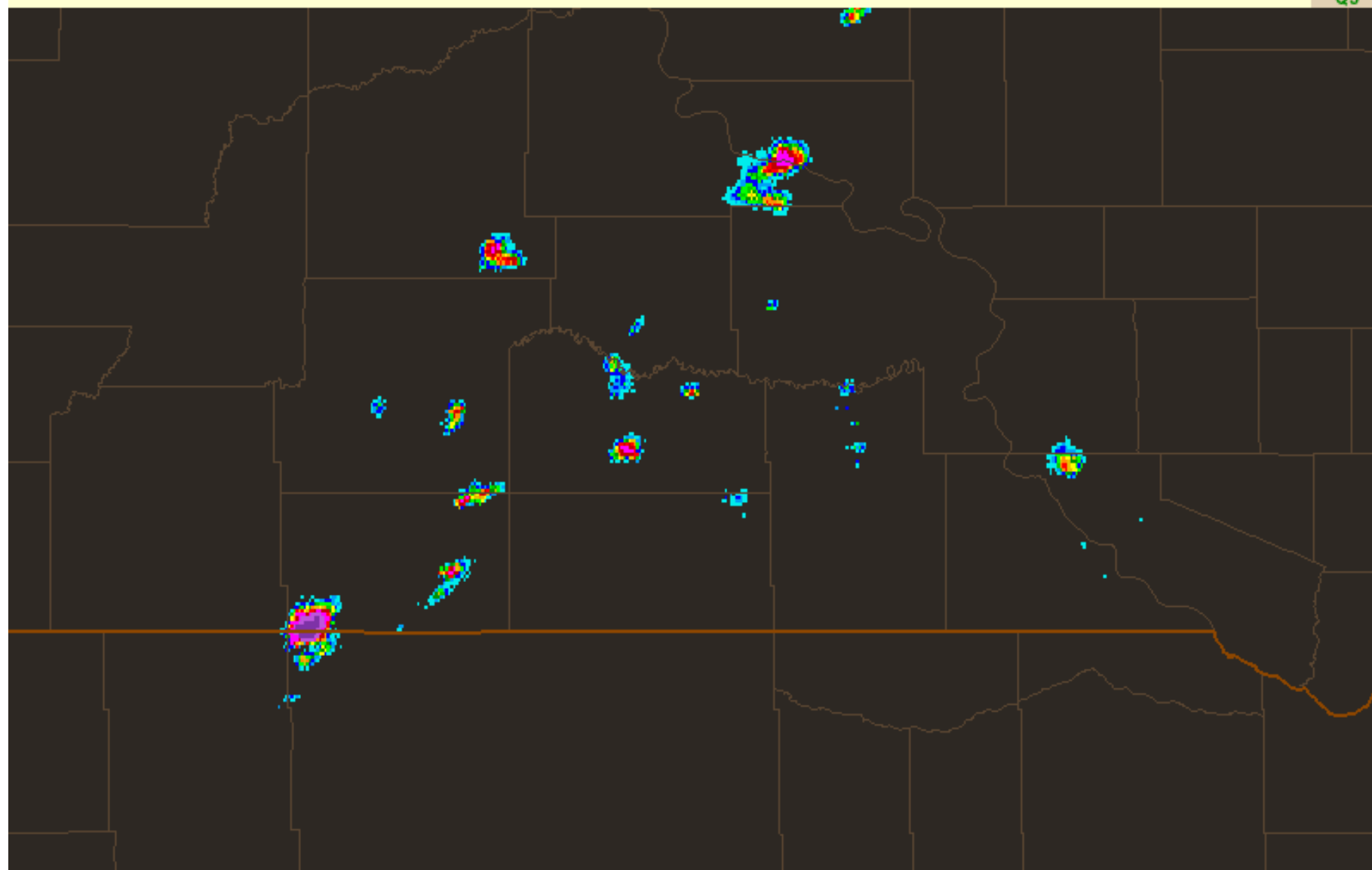
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:44:00 UTC

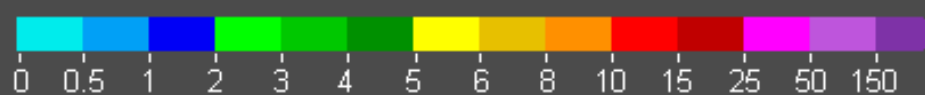


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

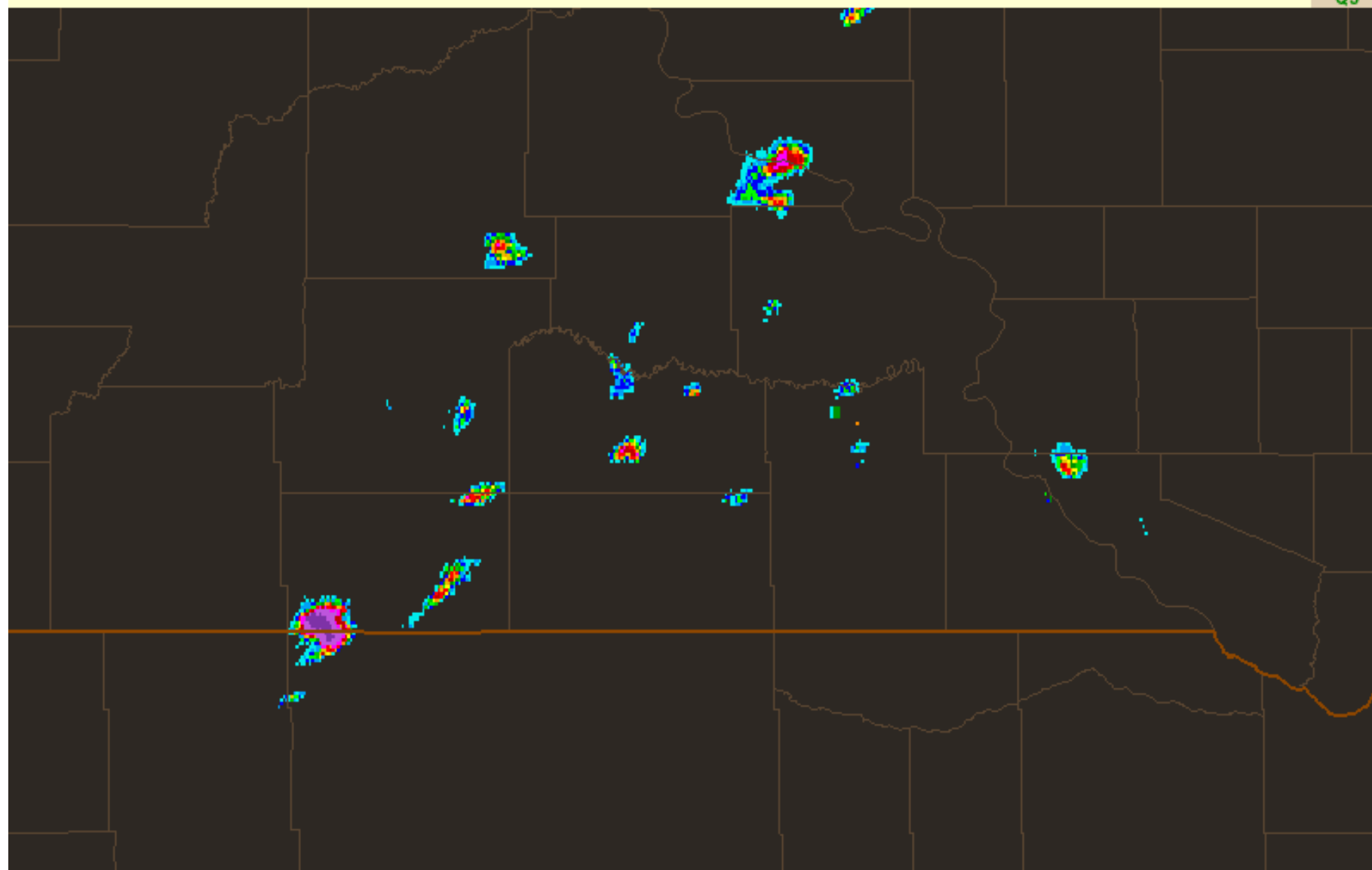
Severe Hail Index

Derived From Mosaic3D

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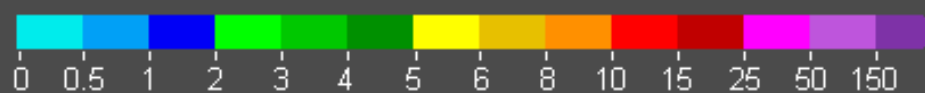


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

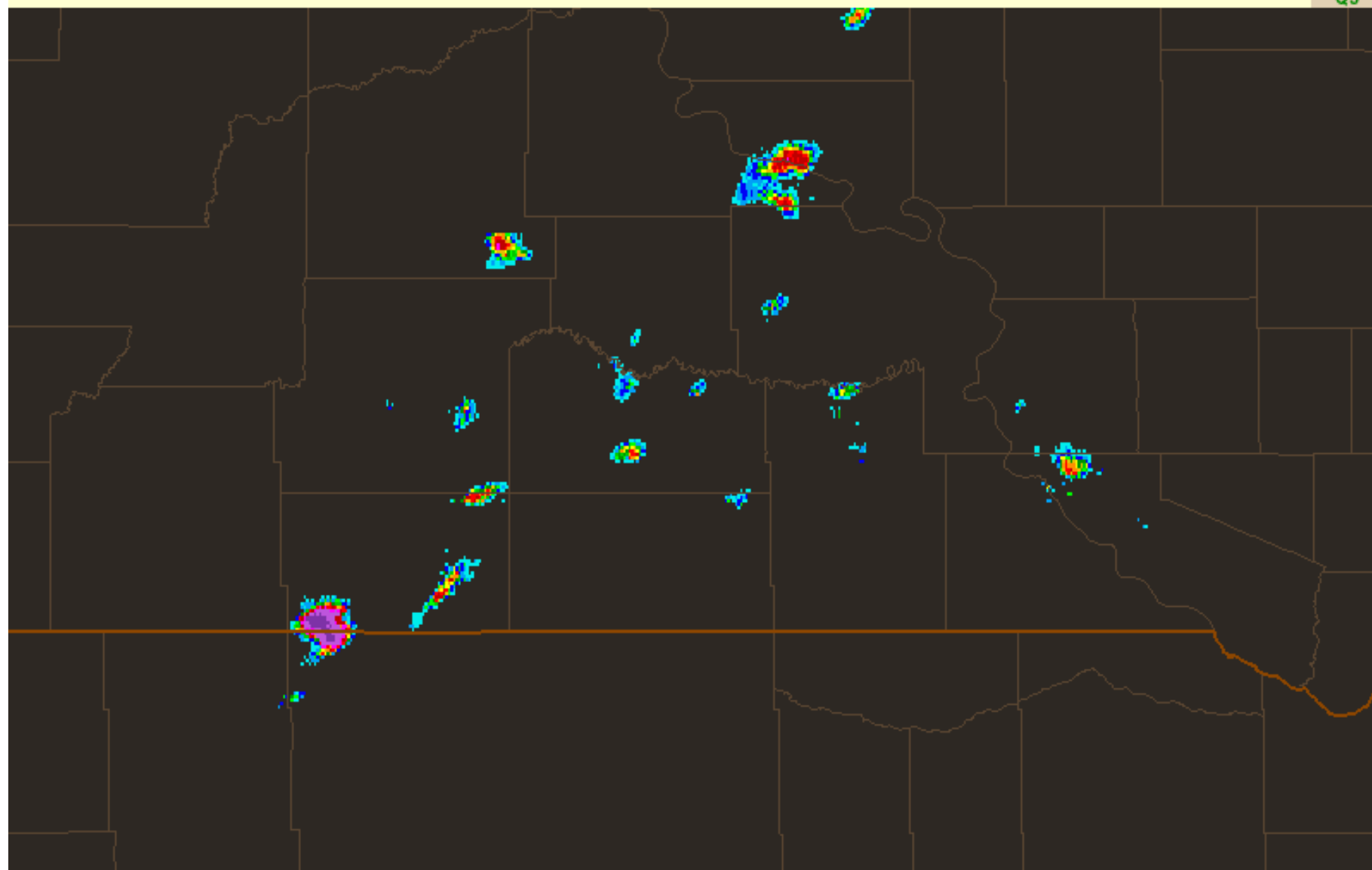
Severe Hail Index

Derived From Mosaic3D

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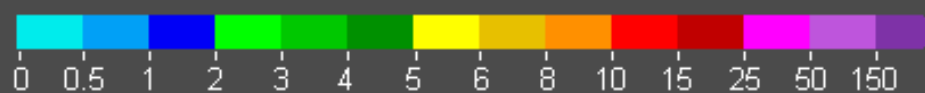


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

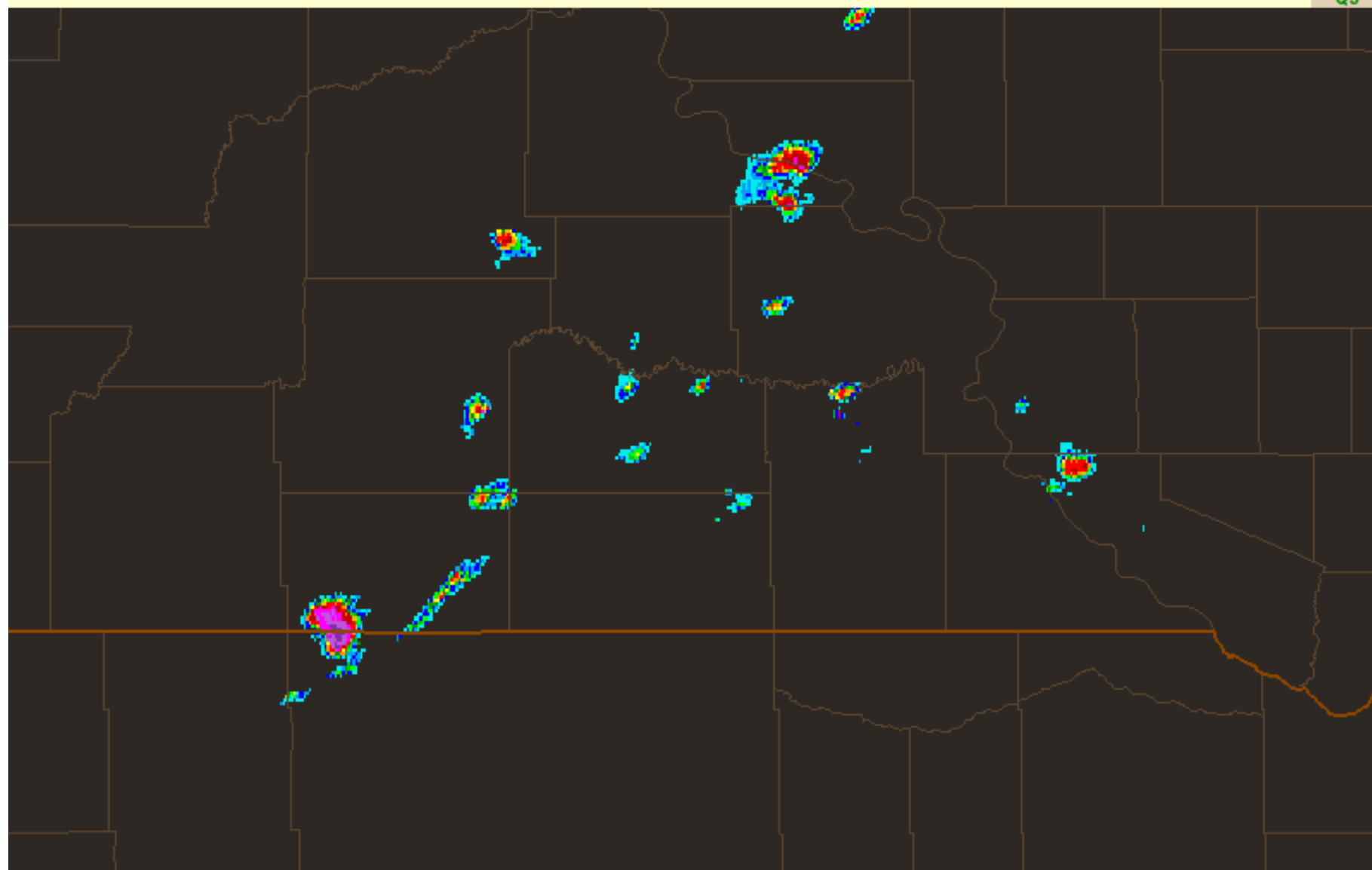
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:50:00 UTC



Q3



Severe Hail Index

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44.75
-103.16 -97.840
42.32

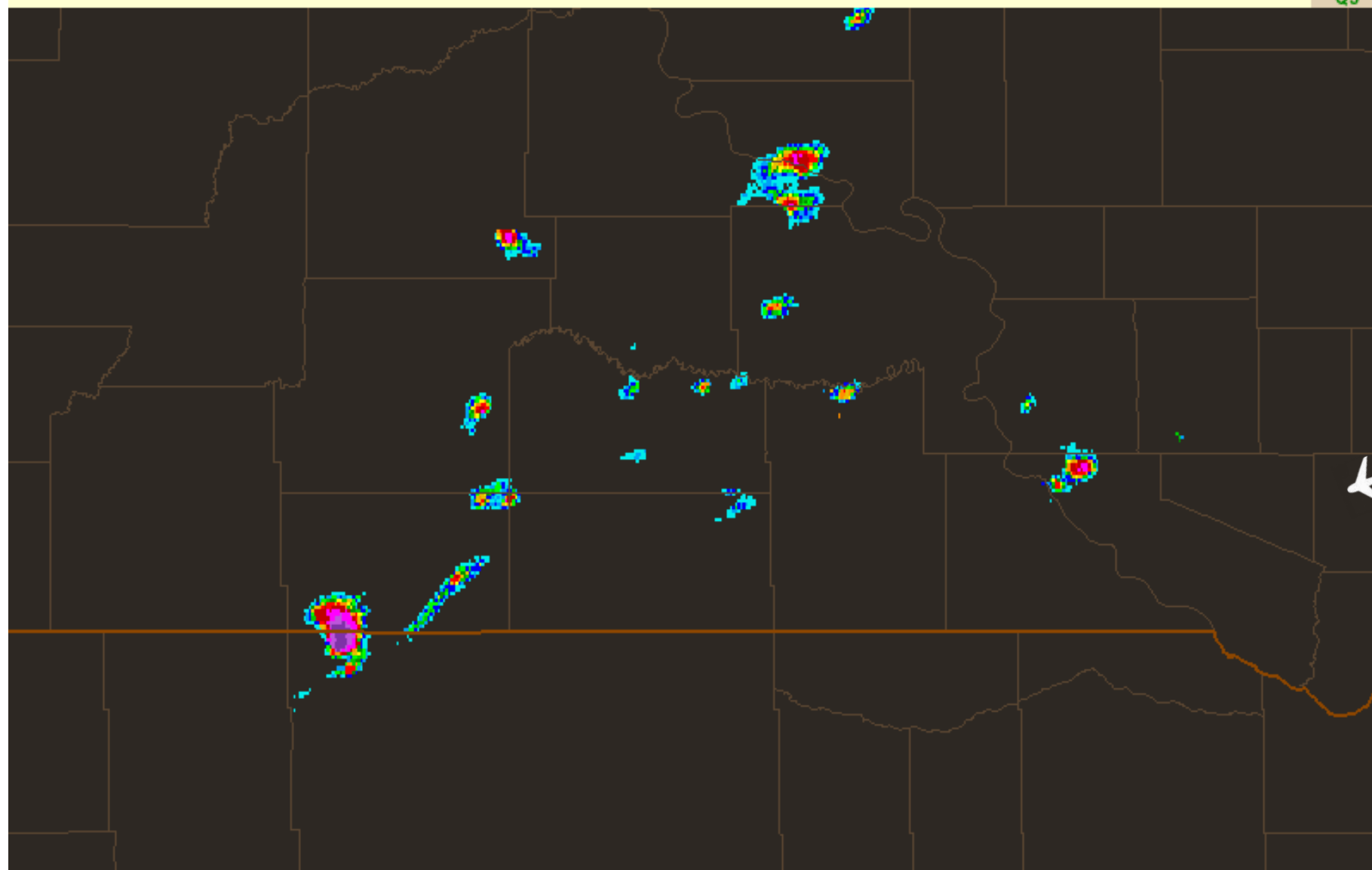
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:52:00 UTC



Q3



Severe Hail Index



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44.75
-103.16 -97.840
42.32

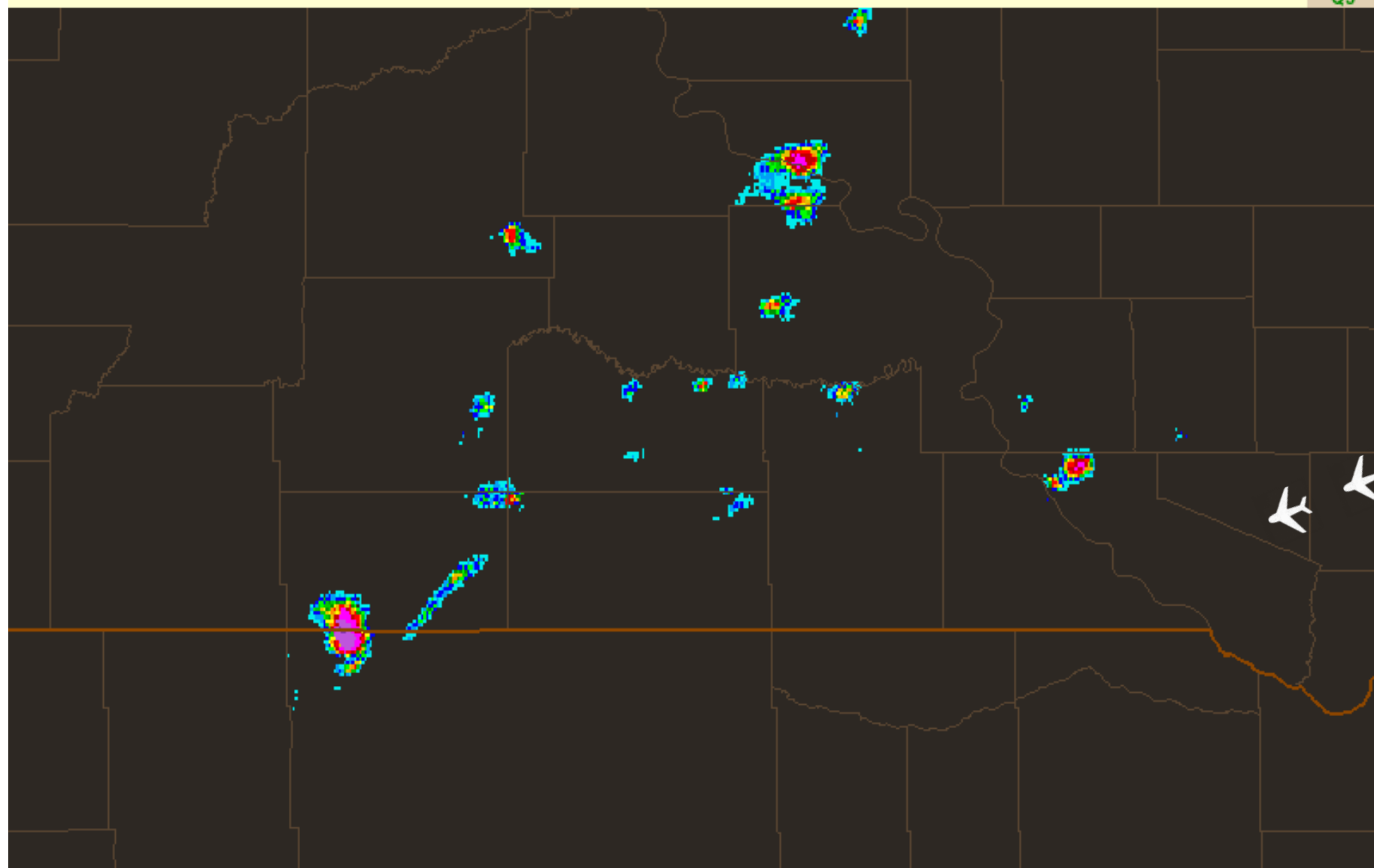
Severe Hail Index

Derived From Mosaic3D

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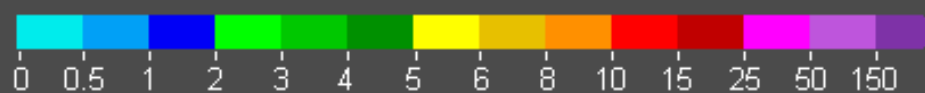


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

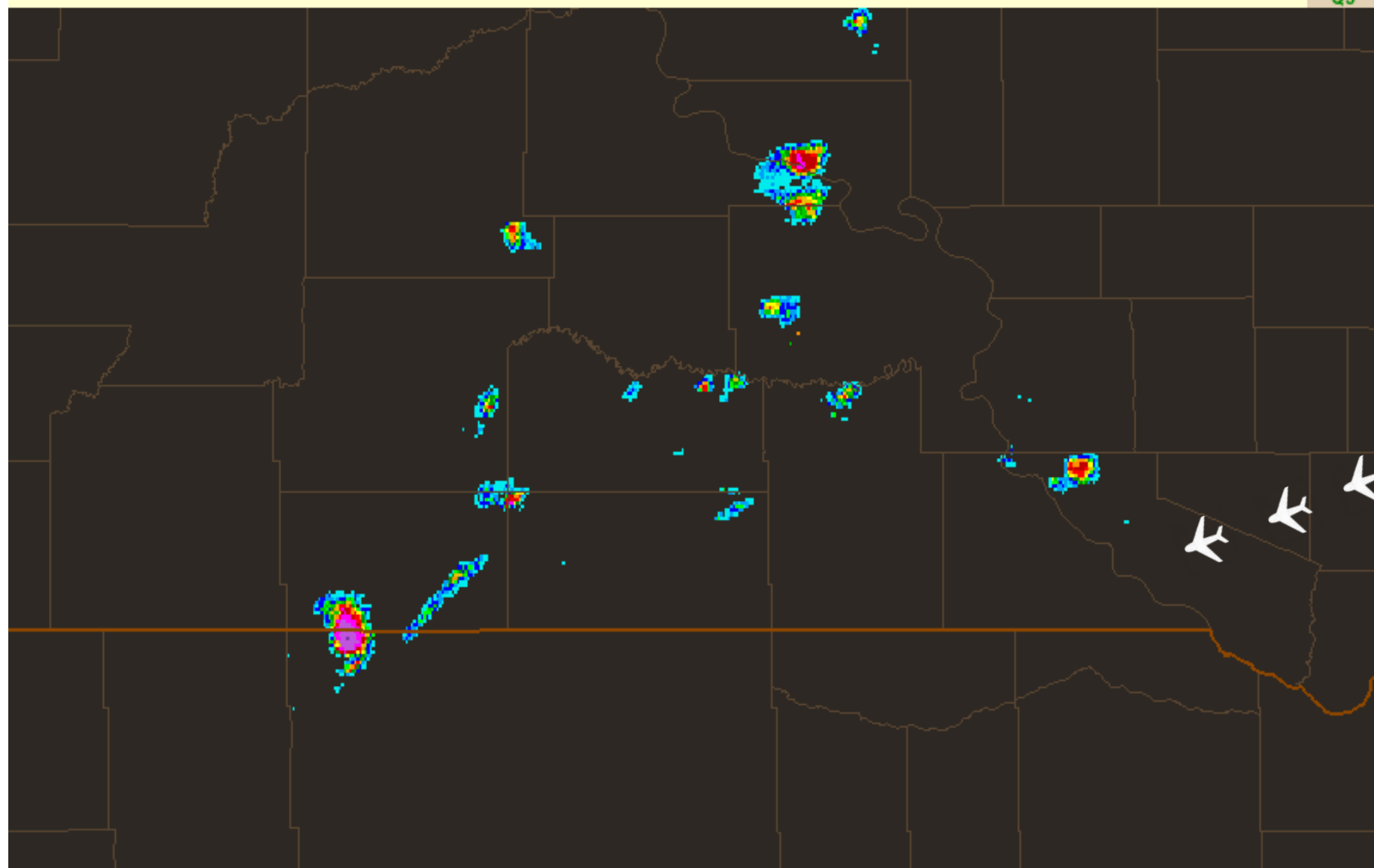
Severe Hail Index

Derived From Mosaic3D

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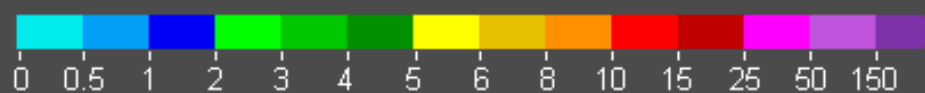


Q3



Severe Hail Index

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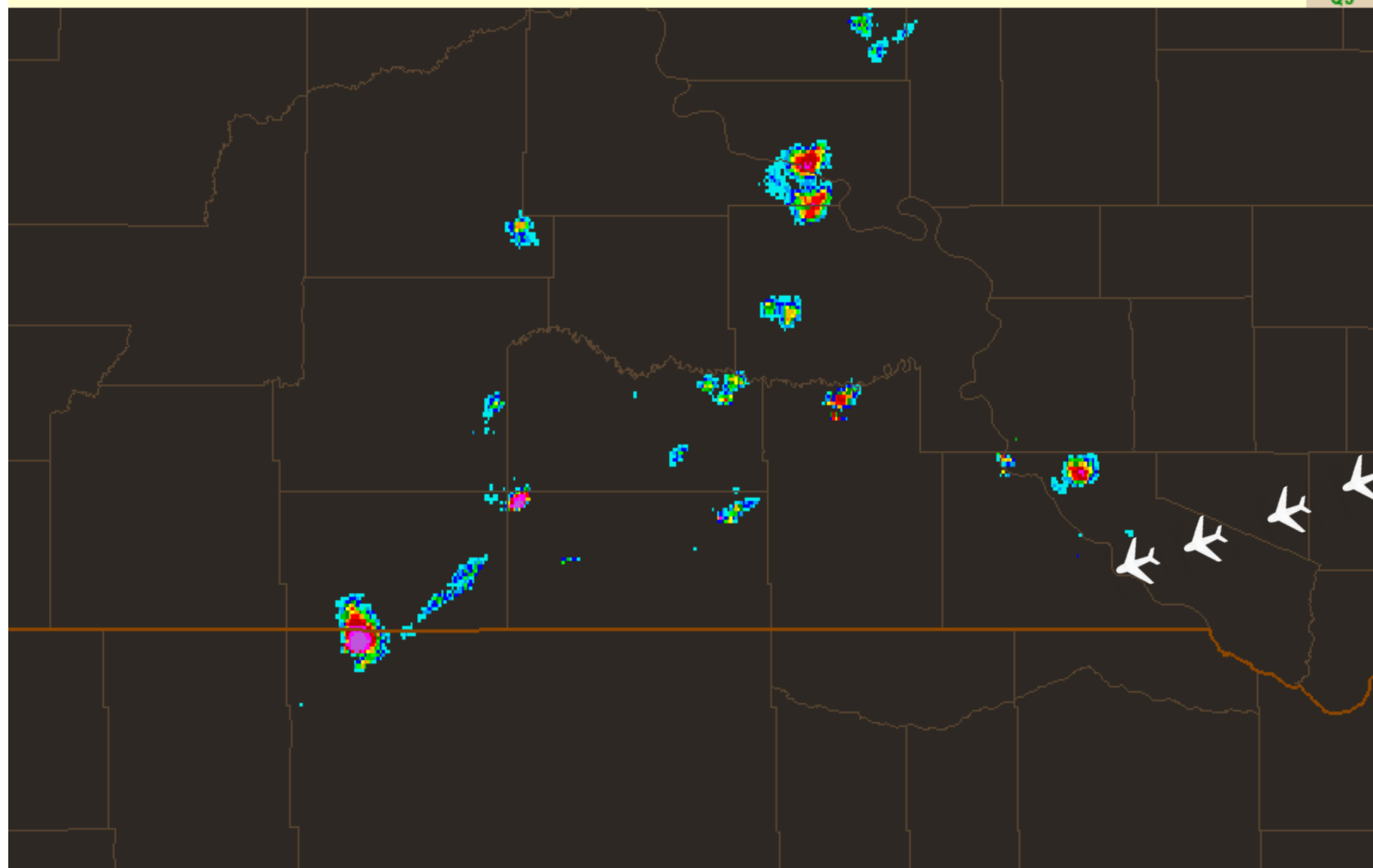


44.75
-103.16 -97.840
42.32

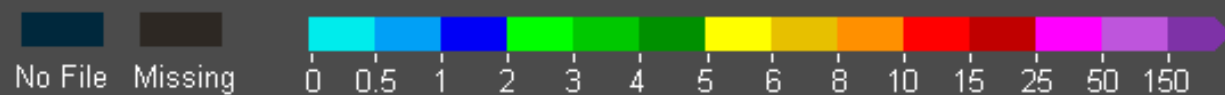
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 00:58:00 UTC



Severe Hail Index



44.75
-103.16 42.32 -97.840

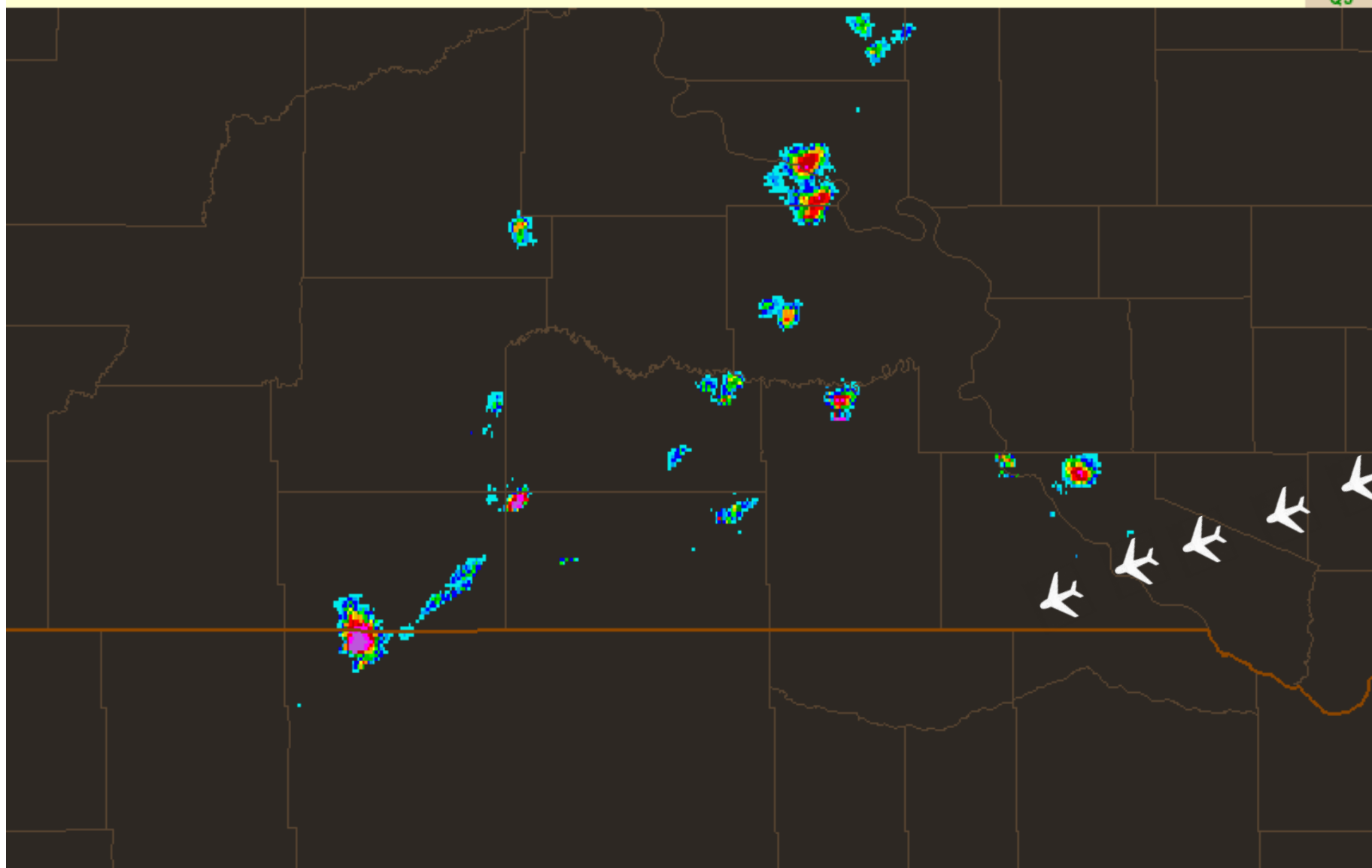
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 01:00:00 UTC

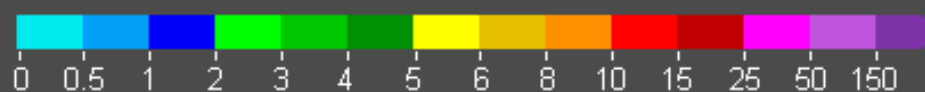


Q3



Severe Hail Index

No File Missing

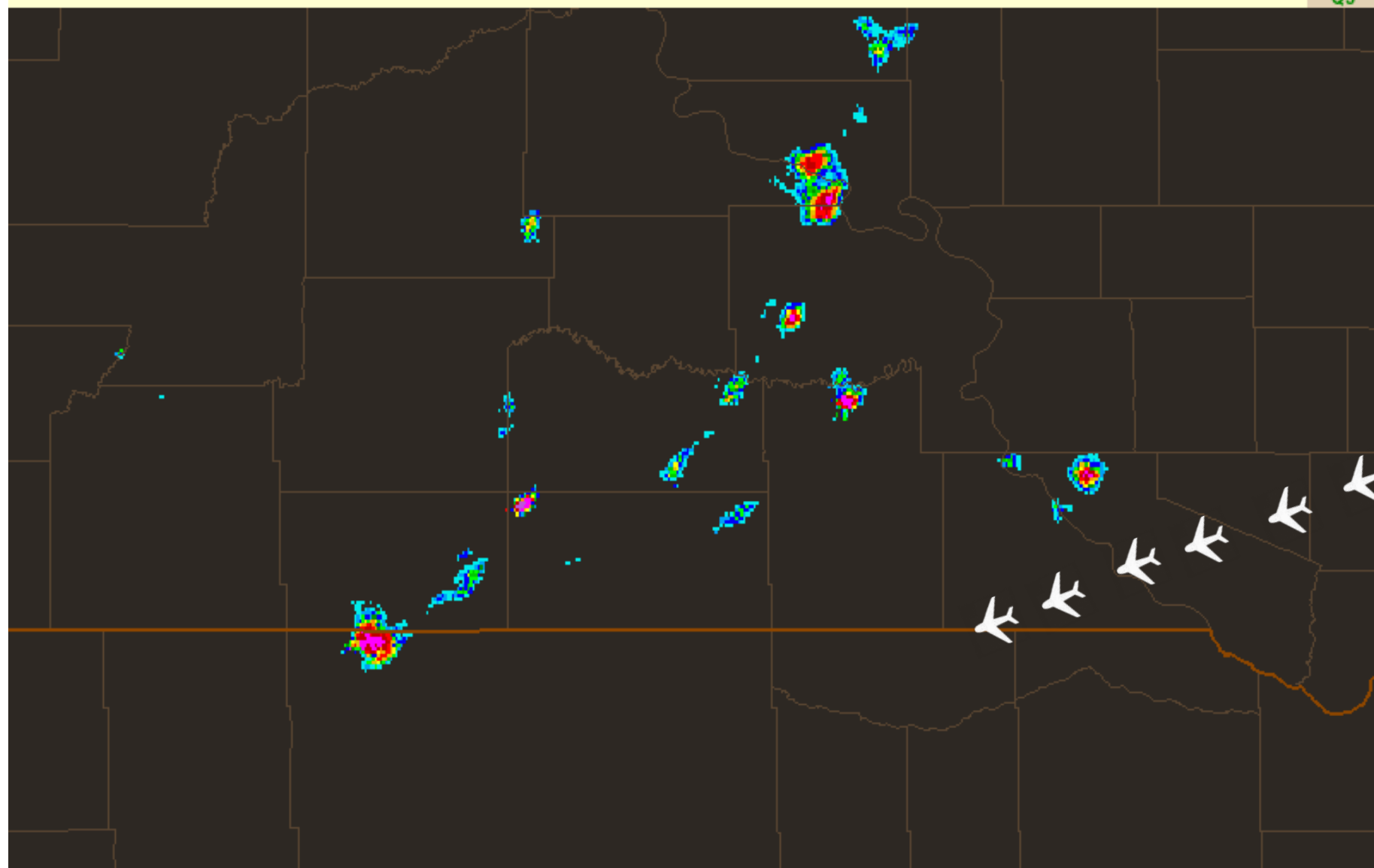


44.75
-103.16 -97.840
42.32

Severe Hail Index

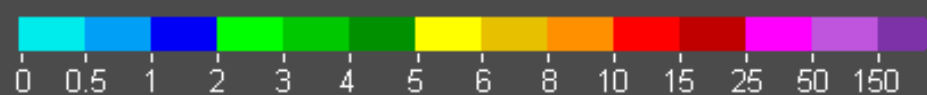
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Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

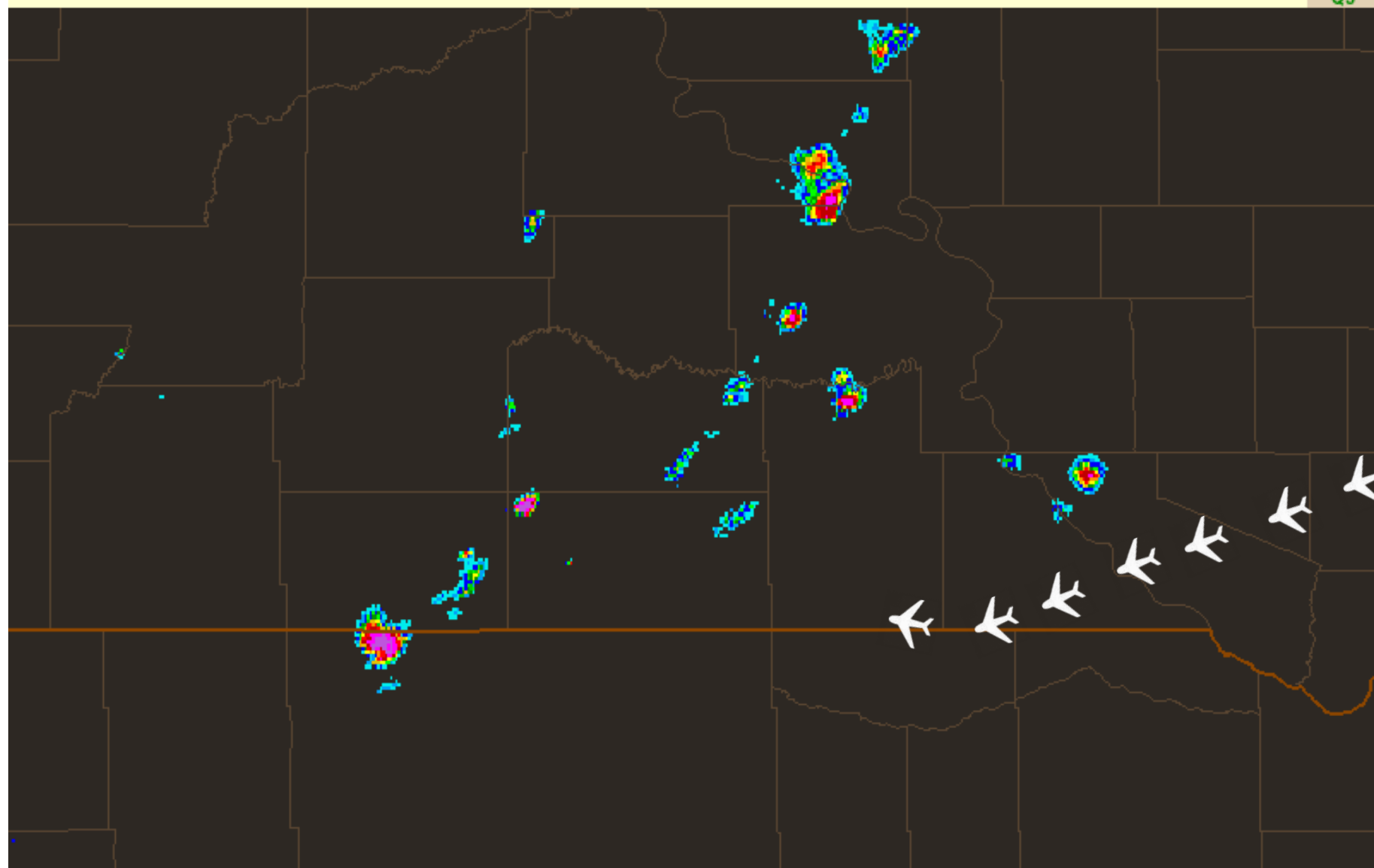
Severe Hail Index

Derived From Mosaic3D

Valid: 08/12/2016 01:04:00 UTC

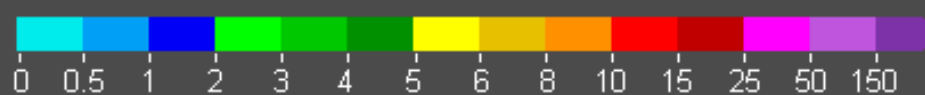


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32

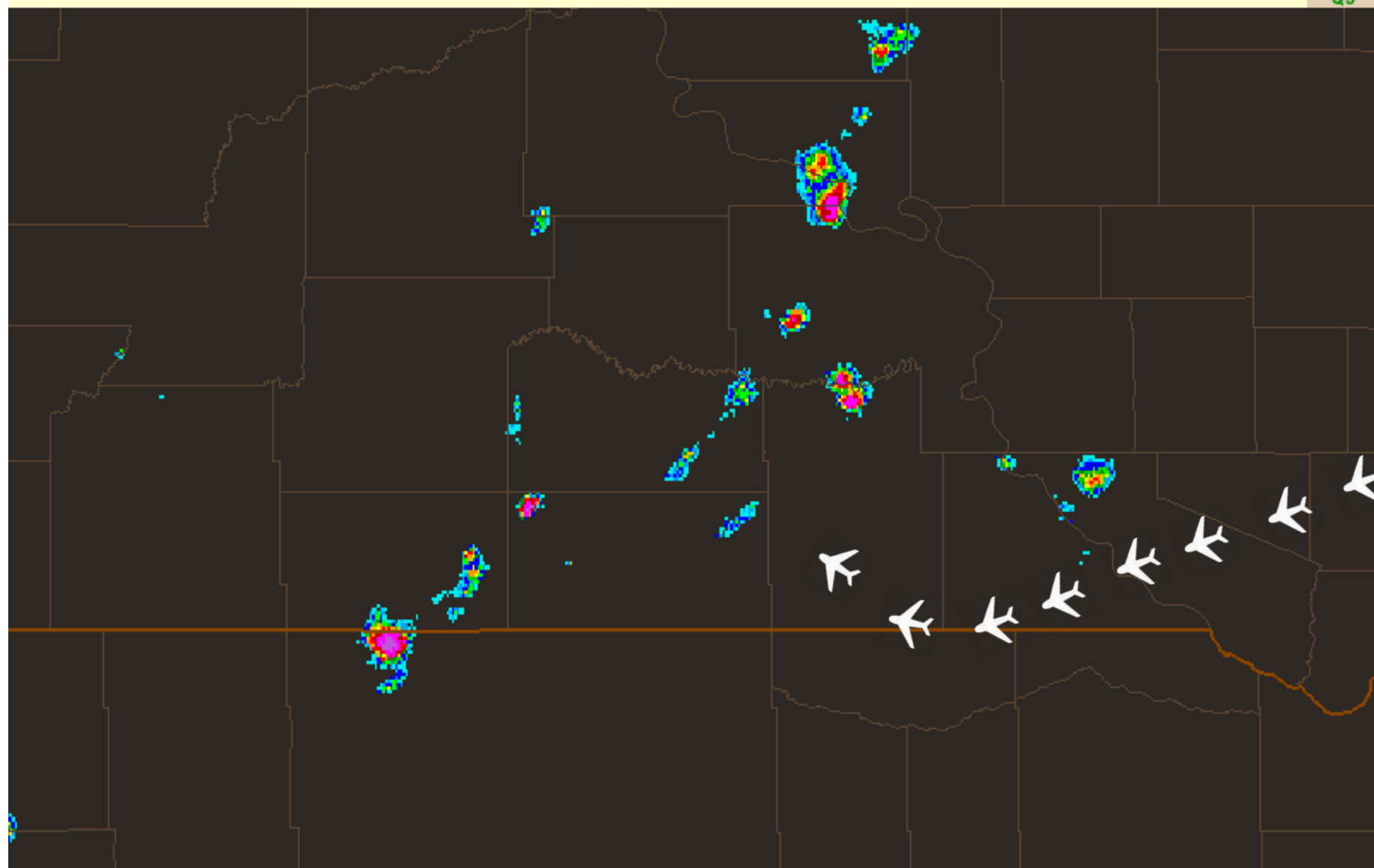
Severe Hail Index

Derived From Mosaic3D

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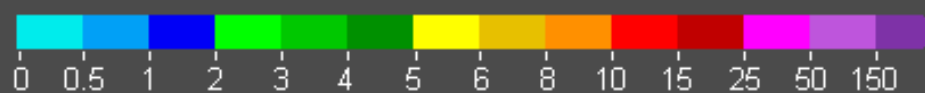


Q3



Severe Hail Index

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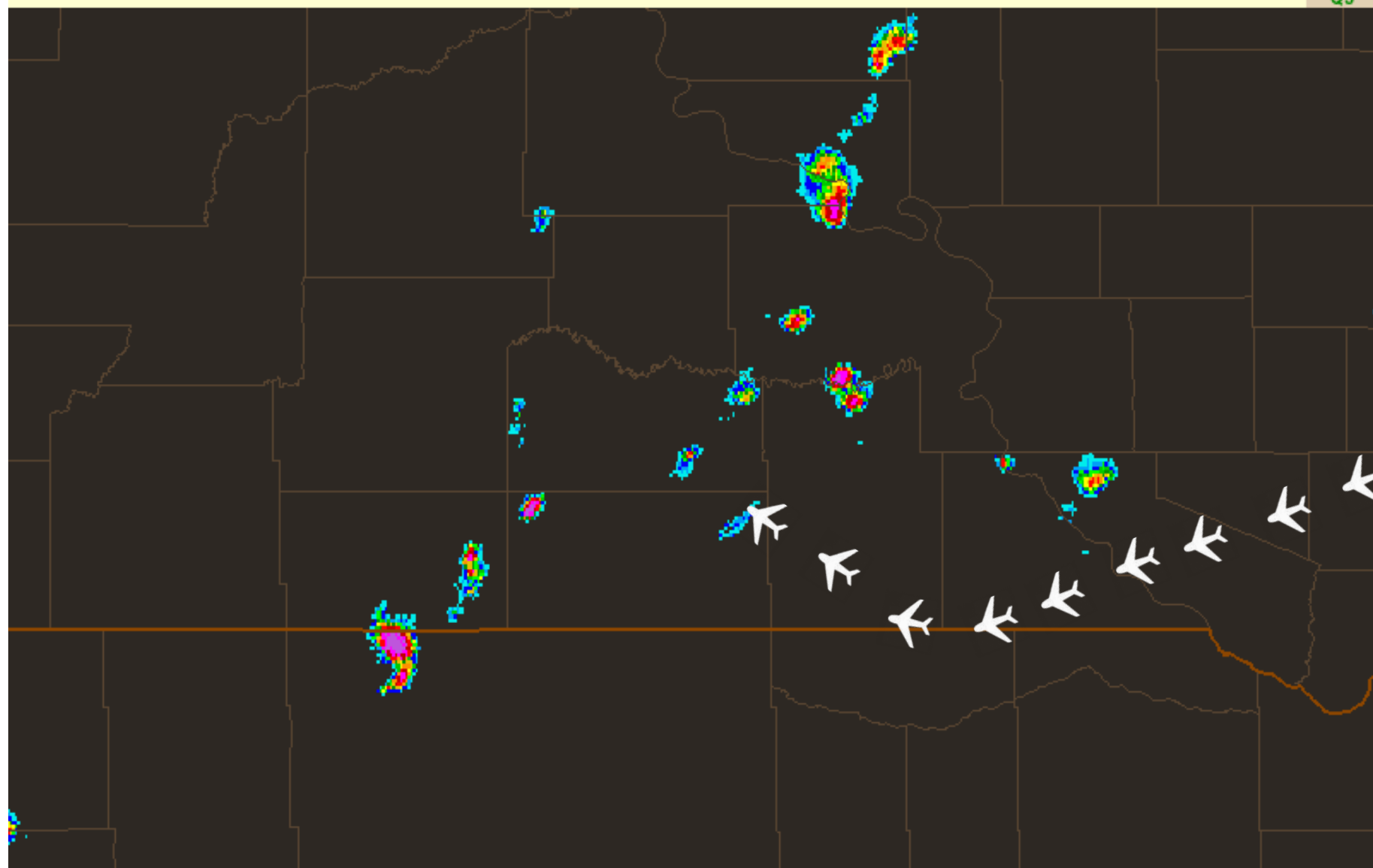


44.75
-103.16 -97.840
42.32

Severe Hail Index

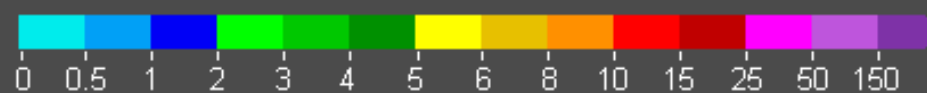
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Severe Hail Index

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-103.16 -97.840
42.32

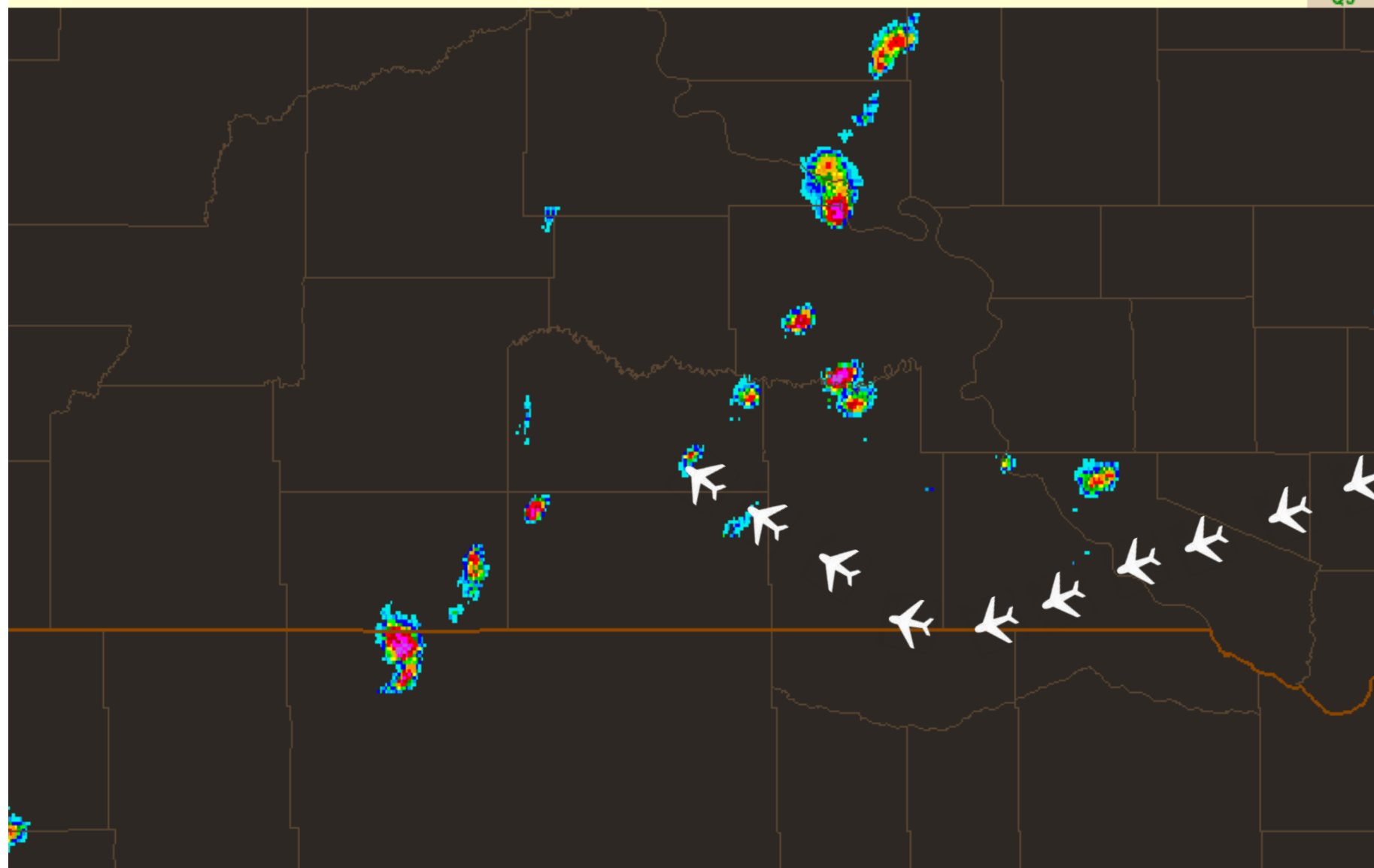
Severe Hail Index

Derived From Mosaic3D

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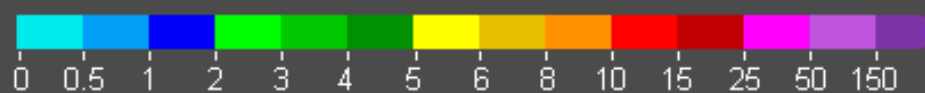


Q3



Severe Hail Index

No File Missing



44.75
-103.16 -97.840
42.32