Four-dimensional Stormcell Investigator (FSI) Survey

Name _____ Date_____ Time period _____

1) For particular storms you examine in detail, keep a record of storm type, time period, and how the FSI was beneficial and/or challenging to your diagnosis and interpretation of storm structure, severity, etc. *Include any storm features you can track more easily or that you may not have seen before.*

Storm feature	Time period (UTC)	Benefits to data interpretation	Challenges to data interpretation

2) Rate the extent to which you can identify and diagnose storm features using the FSI compared to using the D2D.

D2D is much better		No difference		FSI is much better		
①	②	③	④	⑤	⑥	⑦

3) Rate the usefulness of the following FSI capabilities to your radar data diagnosis, interpretation, and decision-making.

Continuous Pan and Zoom Navigation	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
PPI	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Dynamic CAPPI	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Dynamic vertical cross section	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
3-D Visualization	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
3-D Navigation	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Interpolation	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Linked Panels	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Product Selection	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Virtual Volumes	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Volume Browsing (in time)	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Color Tables	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Map Overlays	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful
Looping/Animation	Not Useful ① ② ③ ④ ⑤ ⑥ ⑦ Very Useful

4) What other enhancements to the FSI would you suggest? Please list them here.

5) Rate the overall benefit of the FSI to the diagnosis of significant weather.

No Benefit   Some   Large Benefit
                           Benefit

    ①   ②   ③   ④   ⑤   ⑥   ⑦

6) Rate the impact of the FSI on your warning decision-making. *Explain the rating.*

 Strong   No   Strong
Negative   Impact   Positive
 Impact   Impact

    ①   ②   ③   ④   ⑤   ⑥   ⑦

Explanation:

7) What was your overall impression on the usefulness of the FSI in the warning of severe weather phenomena*?*