Activity 5: Picking a Map Projection

Time: Twenty minutes

Goal: Describe an appropriate map projection for a map scenario!

Activity: In a Word Document, describe an appropriate map projection for the scenario below. Include the following information:

1. The map property or properties that the selected projection maintains. In other words, which distortion type is maintained? (form, area, distance, direction)
2. The appropriate projection class (cylinder, cone, plane)
3. The appropriate projection case (tangent or secant)
4. The appropriate projection aspect (normal, transverse, or oblique)
5. The approximate position of the stand line, lines, or point
6. Brief justification or description

Scenario: Your friend is a travel buff and wants to make a map of their flights out of Dane County Regional Airport (MSN) that allows readers to measure how many miles they have flown on each flight leaving and returning to Madison. What projection would you tell them to use?

Feel free to discuss with one another via Slack!

Submit: Submit your response in a Word doc or PDF to Canvas.