Due Tuesday, February 21st, by start of class.

Showcase Day will be Thursday, April 27th. At this writing, albeit subject to change, we have allocated to us a 2-hour time slot (12-2 PM) to use for our NWP final project class presentations. About half of us will be able to present during that period. The remaining students will present during the final exam period, Wednesday, May 10, 8-10 AM.

While I will likely take volunteers to present on Showcase Day, you need to anticipate you will be given a Showcase Day presentation spot.

For this assignment, please identify your final project subject. Provide start and end dates for the event (say, snow in area of interest started on 00Z 23 January 2023 and ended by 18Z the same day, and for the simulation (which should start some period before the event start and terminate on or after the event end). Please feel free to consult with Minghao and/or myself.

Event: ____________________________.
Event start: _______________________, Event end: _______________________.

Simulation start: _________________, Simulation end: _________________.

Provide estimates of the domain extent and grid spacing required. For nested simulations, the domain extent represents the outer or parent domain. Example: Domain extent 36-50N, 63-84W, or Quebec to North Carolina, west to Indiana, east to Nova Scotia, at 36 km grid spacing.

Domain extent: ____________________________.

Grid spacing: _________________________.

Below, provide a 1-paragraph, several sentence description of the event. Please attach one or more supporting figures. Some examples: radar imagery during the event. Weather maps from WPC or another source representing the event start, end, and maybe the event peak. SPC severe weather reports. A news article regarding the event.