

# Daily Activities Leading to an IOP (1/1)

- Forecast preparation
- Daily Planning Meeting
  - Facility status (radars, aircraft, mobile PISAs, mesonets)
  - Resource usage (flight hours, expendables remaining)
  - Science objectives met (report card or score card)
  - Forecast discussion for Day 1 and outlook for Day 2
  - PECAN participants orally submit science proposals for Day 1 and Day 2's operations
  - Full PECAN participants discussion of proposals
  - Smaller ops team decision of target (includes Mission Scientist + MCS rep + bore rep + CI rep + LLJ rep?)
  - If no consensus, then Mission Scientist makes the final decision for Day 1 and tentative for Day 2
  - Whatever decision is made there should be a primary and secondary objective, especially given the amount of equipment that would deploy for any given IOP

# Daily Activities Leading to an IOP (2/2)

- Prepare Ops Plan of the Day for Day 1 (Ops Director), including deployment schedules of all assets.
- Communicate plan to ground-based crews for mobilization.
- Communicate plan to aircraft crews for flight track submission to FAA .
- Communicate Day 2 tentative IOP plans for ground-based and aircraft planning

Note: We must be careful about the timing of daily planning process to allow time for the flight crews to prepare the flight tracks and then submit flight plans to the FAA. Typically, that whole process might take 5-6 hours inclusive, less time if fewer decisions are needed

- Deployment of ground assets occurs and all systems are in place, Ops Center confirms locations and being operational.
- Data collection commences
- Day 2 forecast update