

**AOSC 470/600 – Synoptic Meteorology  
Weather Challenge Forecast Log**

Forecast City:

Day/Time of forecast preparation:

Current Temperature:

Overnight Low:

Temperature 24 hours ago:

What are the major synoptic features that will impact the forecast city?

Will tomorrow be different than today? If so, why?

What does the latest NAM MOS (high, low, winds) and NAM (QPF) predict for the 06 UTC to 06 UTC forecast period?

What does the latest GFS MOS (high, low, winds) and GFS (QPF) predict for the 06 UTC to 06 UTC forecast period?

What is the NWS point-forecast for tomorrow (high, low, approximate range of winds, range of QPF)?

What other model guidance are you considering (ECMWF, RAP, HRRR, WxChallenge USL)?

How confident are you in your forecast on a scale from 1 (low) to 10 (high)?

How did you come up with your final numbers? How did you adjust or differ from guidance?

**Final Forecast:**