

EAS 372. FORECAST for location _____ by _____

Prepared day/date/time _____ Valid _____

Point form. Qualitative or quantitative prediction as seems appropriate. Listed main "features" may not be equally powerful determining factors

Source(s) e.g. GEM
reg 48h, NAM, Public
fcst...

Dominant/most relevant surface system(s) & location w.r.t. zone of interest

Strength & character of winds aloft (700 hPa or higher – strong/ average/ slack; zonal?; highly meridional?; upwind ridge/trough?; etc.)

Thickness (likely value; trend or change relative to present)

Thermal pattern at 850 hPa level (e.g. very uniform/front nearby...)

Surface temperature

Humidity aloft

Cloud (coverage in octas; level; type?)

Surface wind (speed & direction)

Shortwaves (vort. maxs at 500 hPa?)

Stability (based on forecast sounding)

Vertical motion (omega at 850 & 700 hPa levels)

Precipitation (likelihood & character)

Noteworthy factors (e.g. presence of snow cover constraining sfc temperature, etc.)

Fcst elements least/most certain