

EAS 372. FORECAST for (location) \_\_\_\_\_ prepared by \_\_\_\_\_

Prepared at day/date/time \_\_\_\_\_ Valid at \_\_\_\_\_

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

**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 and 500 hPa levels)

**Precipitation** (likelihood & character)

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

**Fcst elements least/most certain**

**Source(s)** e.g.  
GEM RDPS, NAM,  
EC Public fcst...