Calgary Flood: 32 mm per day times 3 days = 96 mm (-8 x 10^-3 hPa per sec)

\[ P = -\frac{1}{g} \int \omega \left( \frac{dr_s}{dp} \right)_{mdp} \]

24-h precip for max ascent of 1 (red) and 5 (blue) cm/sec

Continental Polar

Maritime Polar

Maritime Tropical

(-14 deg C)

(+1 deg C)

(+14 deg C)

900-hPa equivalent potential temperature (K)

900-hPa temperatures (deg C) in parentheses