

Cold Front

Weather Factor

Air Mass

Pressure

Temperature

Dew Point Temperature

Cloud Area

Cloud type

Wind Direction

Wind Velocity

Precipitation

Visibility

Significant Weather

Ahead of

mT

Steady or Falling slightly

Warm - Steady to slight rise

High and steady

Very narrow

Cumuliform

South - Southwest

High esp in thunderstorms

Heavy Rain, sometimes hail

Fair (except in precip.)

Poor in haze

Possible Severe Thunderstorm,

Hail and Tornadoes

Winter: Brief Snow Squall

Behind

cP

Rapid Rise

Rapid Drop

Sharp drop

Narrow - Rapid
clearing

Fracto-cumulus

West, Northwest, North

Strong and Gusty

Rapid Clearing

Excellent

Winter: possible cA

air mass with low

wind chill values

Warm Front

Weather Factor

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Cloud Area

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Wind Direction

Wind Velocity

Precipitation

Visibility

Significant Weather

Ahead of

Modified cP

Slowly falling

Cool - slowly warming

Spring Ex: (40's and 50's°F)

Winter Ex: (10's and 20's°F)

Steady to slight rise

Broad Area extending

several 100's km ahead:

Stratiform type clouds:

Ci, Cs, As, Ns, Fog

Northeast, East, Southeast

Light

Widespread light and steady

Decreasing in fog and rain

Possible thunderstorms

Behind

mT

Steady to slight rise

A lot warmer

(60's, 70's and 80's°F)

(40's°F)

Rapid rise then steady

Slow clearing

Cumulus

South - Southwest

Light

None

Better although some remaining haze/fog

None