Is the surface moist with steep mid-level lapse rates and a deep layer of CAPE?

Can surface convergence be seen on New York State Mesonet products?

**Mohawk-Hudson Convergence is Likely**

Yes

Yes

No

No

No

Is there weak warm air advection in the low levels?

**Mohawk-Hudson Convergence is NOT Likely**

Yes

No

**Warm MHC**

Will a surface low located in Southern Quebec induce a geostrophic surface Southwesterly flow over New York?

Is weak synoptic forcing expected near KALB?

Is a Mid-Level cyclonic relative vorticity maximum over western New York?

Yes

No

Yes

No

Yes

Saturated boundary layer?

Can surface convergence be seen on New York State Mesonet products?

**Mohawk-Hudson Convergence is Likely**

Yes

Yes

Yes

No

No

No

Is there weak warm air advection in the low levels?

**Mohawk-Hudson Convergence is NOT Likely**

Yes

No

**Cold MHC**

Will a surface low pass off the coast of Cape Cod, Inducing a geostrophic surface North/Northwesterly flow over New York?

Is weak synoptic forcing expected near KALB?

Is a Mid-Level cyclonic relative vorticity maximum expected to pass over the Capital Region?

Yes

No

Yes

No

**Mohawk-Hudson Convergence is Likely**

**Mohawk-Hudson Convergence is NOT Likely**