Map of parcels at 33 kft on 04071221 influenced by convection 0.0 to 2.5 days earlier

Squares indicate location of convectively influenced air — influence calculated only within black box.

Crosses indicate locations where back trajectories from squares intersect convection.

Cross, square, and trajectory colors indicate elapsed time between convection and 04071221.
Map of parcels at 33 kft on 04071221 influenced by convection 2.5 to 5.0 days earlier.

Squares indicate location of convectively influenced air -- influence calculated only within black box.
Crosses indicate locations where back trajectories from squares intersect convection.
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221.

Last Image Used is 0407122045.
Map of parcels at 33 kft on 04071221 influenced by convection 5.0 to 7.5 days earlier.

Squares indicate location of convectively influenced air -- influence calculated only within black box.
Crosses indicate locations where back trajectories from squares intersect convection.
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221.
Map of parcels at 33 kft on 04071221 influenced by convection 7.5 to 10.0 days earlier.

Squares indicate location of convectively influenced air – influence calculated only within black box.
Crosses indicate locations where back trajectories from squares intersect convection.
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221.