Map of parcels at 37 kft on 04071019 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 04071019.

Last Image Used is 0407101845.
Map of parcels at 37 kft on 04071019 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 04071019
Map of parcels at 37 kft on 04071019 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 04071019

Last Image Used is 0407101845
Map of parcels at 37 kft on 04071019 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 04071019.