Map of parcels at 39 kft on 04072519 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 04072519.

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1280 Trajectories
Last Image Used is 0407251845
Map of parcels at 39 kft on 04072519 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 04072519
Map of parcels at 39 kft on 04072519 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 04072519

Last Image Used is 0407251845

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PSL
Map of parcels at 39 kft on 04072519 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 04072519.