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 04070821.
Map of parcels at 39 kft on 04070821 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 04070821.

Last Image Used is 0407082045.
Map of parcels at 39 kft on 04070821 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 04070821.

Last Image Used is 0407082045

1305 Trajectories
Map of parcels at 39 kft on 04070821 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 04070821.

Last Image Used is 0407082045.