Map of parcels at 37 kft on 04070621 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 04070621.
Map of parcels at 37 kft on 04070621 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 04070621
Map of parcels at 37 kft on 04070621 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 04070621.
Map of parcels at 37 kft on 04070621 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 04070621.