Map of parcels at 31 kft on 04070817 influenced by convection 0.0 to 2.5 days earlier.

Squares indicate locations 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 04070817.

- Crosses indicate locations where back trajectories from squares intersect convection.
- Cross, square, and trajectory colors indicate elapsed time between convection and 04070817.
Map of parcels at 31 kft on 04070817 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 04070817

NASA/ARC
PSL

Last Image Used is 0407081645

1764 Trajectories
Map of parcels at 31 kft on 04070817 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 04070817
Map of parcels at 31 kft on 04070817 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 04070817.