Map of parcels at 31 kft on 04071300 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 04071300
Map of parcels at 31 kft on 04071300 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 04071300.
Map of parcels at 31 kft on 04071300 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 04071300

Last Image Used is 0407122345

NASA/ARC
PSL

1008 Trajectories
Last Image Used is 0407122345
Map of parcels at 31 kft on 04071300 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 04071300.