Map of parcels at 29 kft on 04071021 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 04071021.
Map of parcels at 29 kft on 04071021 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 04071021.
Crosses indicate locations where back trajectories from squares intersect convection.

Squares indicate location of convectively influenced air -- influence calculated only within black box.

Cross, square, and trajectory colors indicate elapsed time between convection and 04071021.
Map of parcels at 29 kft on 04071021 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 04071021

Last Image Used is 0407102045

NASA/ARC
PSL

1080 Trajectories
Last Image Used is 0407102045