Map of parcels at 31 kft on 04071221 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 04071221

Last Image Used is 0407122045

NASA/ARC
PSL

1470 Trajectories

Last Image Used is 0407122045
Map of parcels at 31 kft on 04071221 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 04071221

Last Image Used is 0407122045
Map of parcels at 31 kft on 04071221 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 04071221

1470 Trajectories

Last Image Used is 0407122045
Map of parcels at 31 kft on 04071221 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 04071221