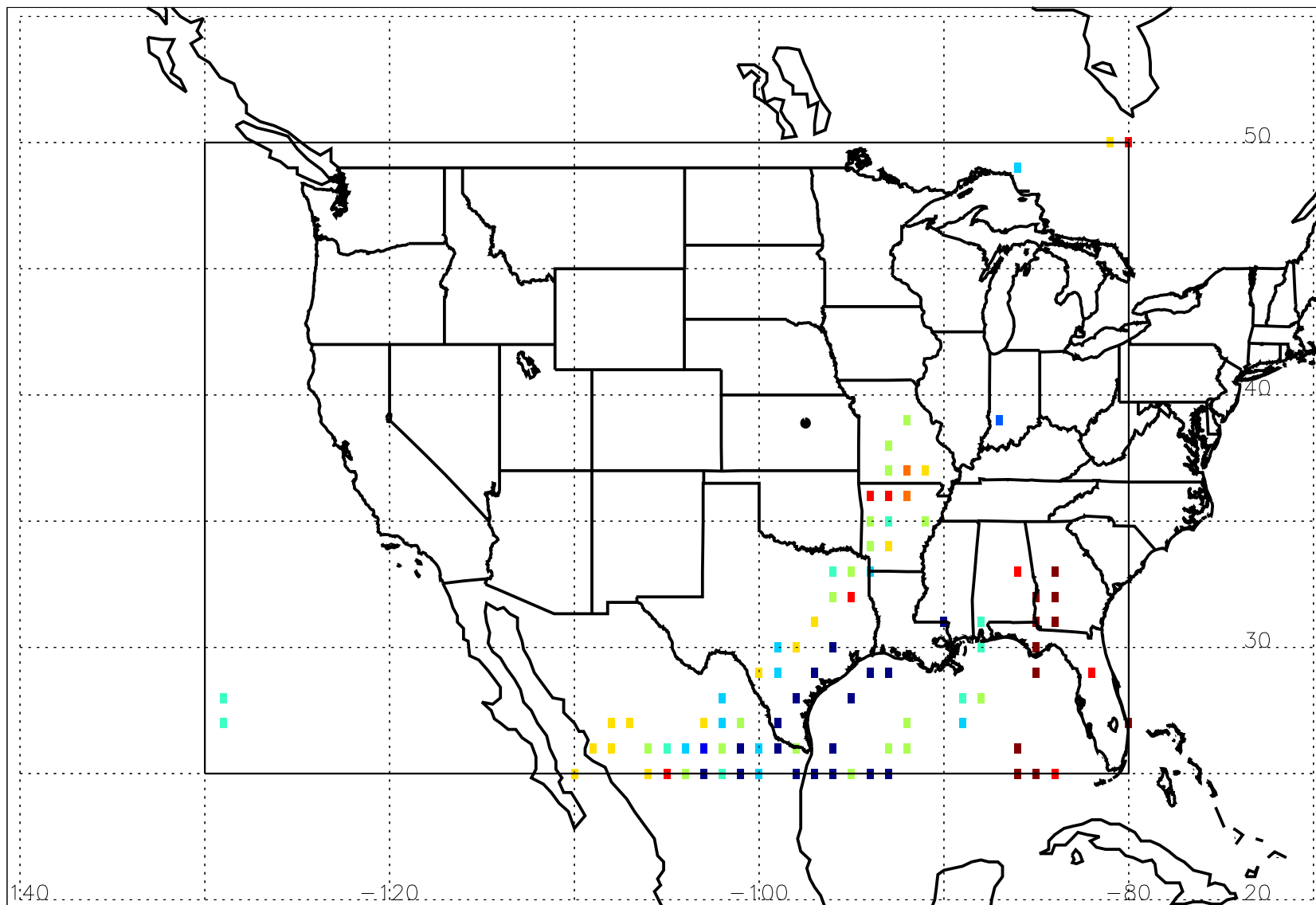## Convectively-influenced 7-day back trajectory at 50 kft level from boxed region on 06/10/2020, 18Z

Fig. 1: End locations of trajectories influenced by convection in the past 7 days. Time since most recent convection in color.

time since most recent convection (day)

Last satellite picture file: /Volumes/hd3/lpfister/DCOTSS/cld_alt_primary/cloudaltthetkm_2020061018.sav
(This plot was generated on Wed Jun 10 09:35:37 2020)

Convectively-influenced 7-day back trajectory at 50 kft level from boxed region on 06/10/2020, 18Z
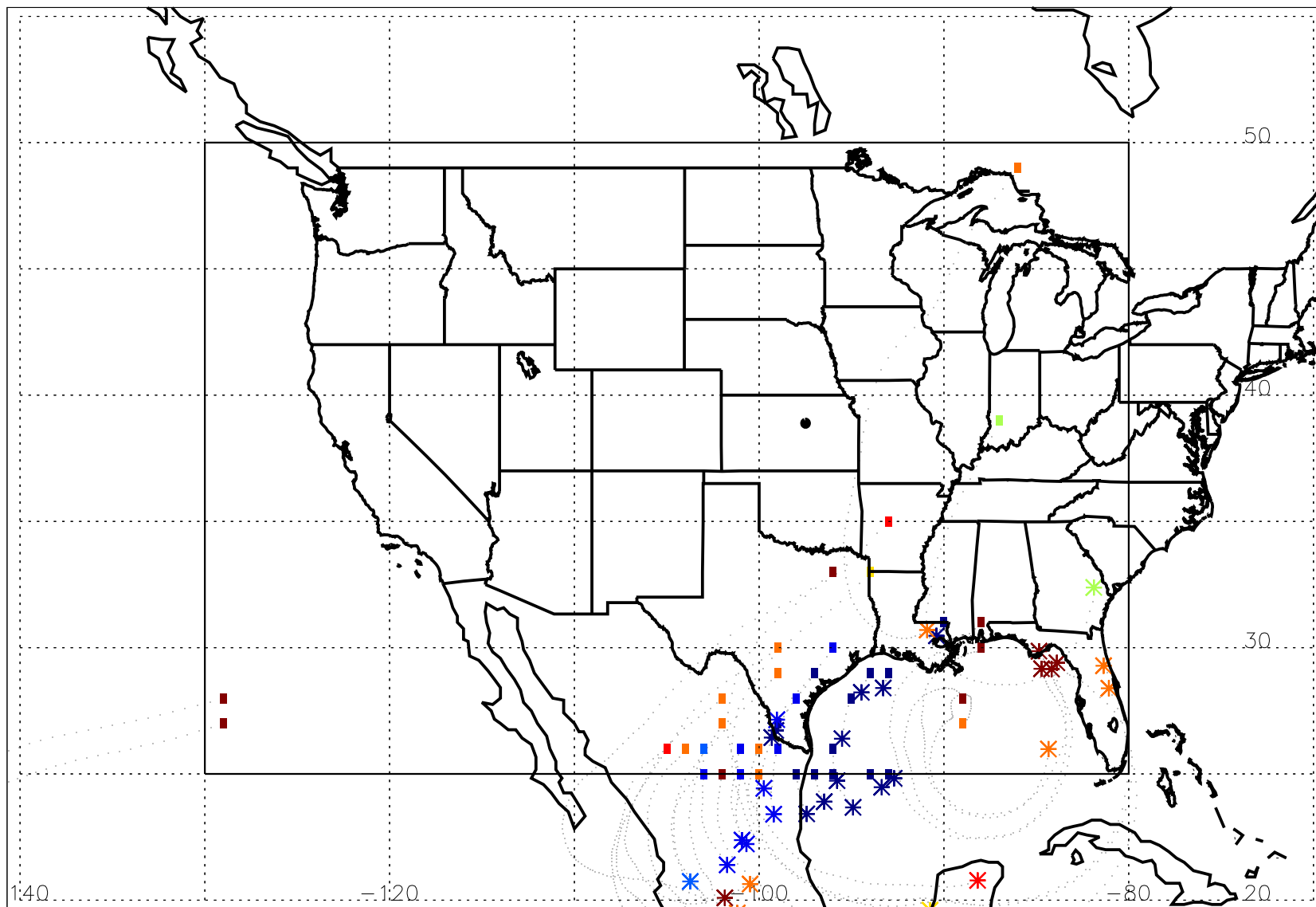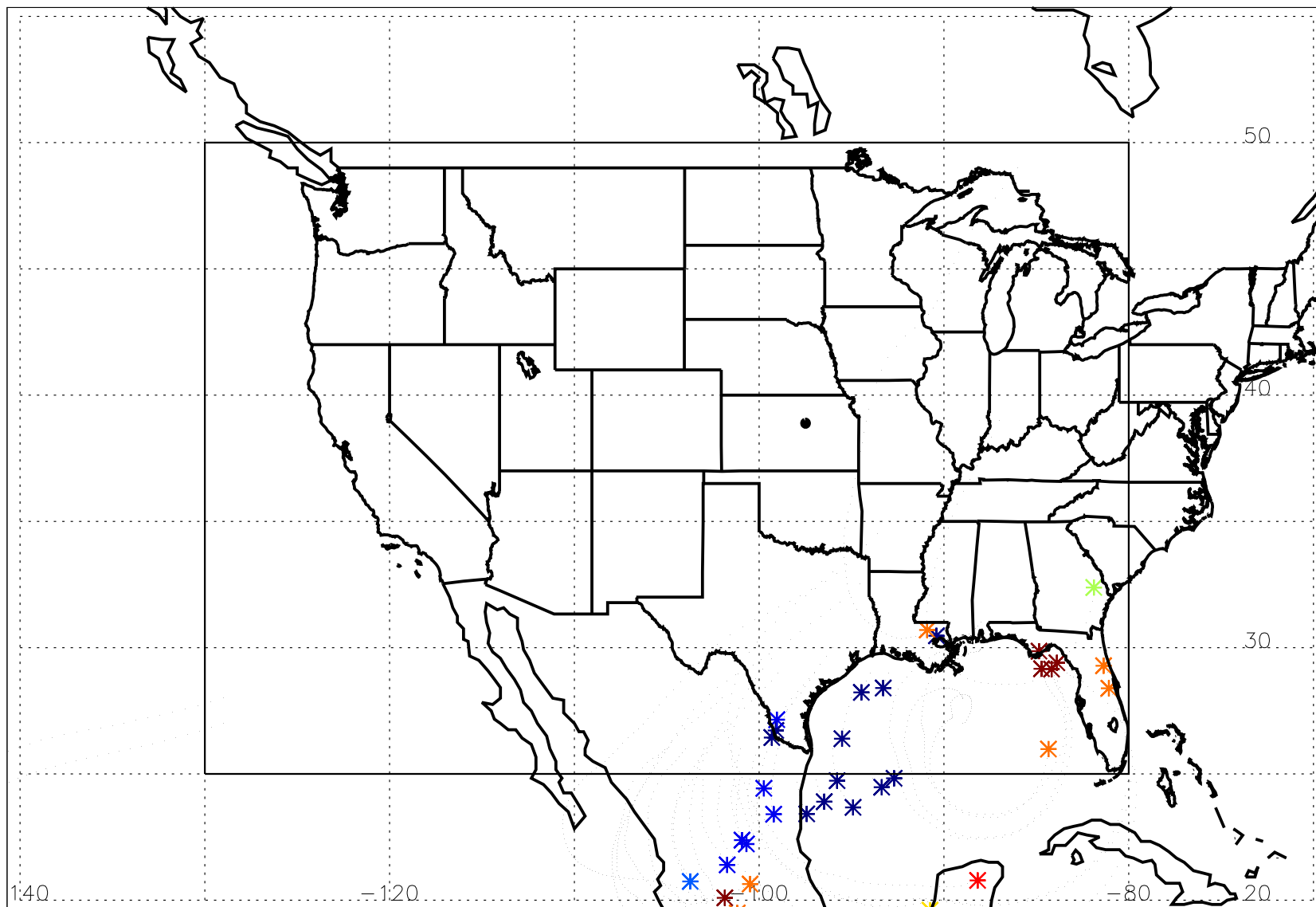
Fig. 2: Trajectories influenced by most recent convection (asterisks) between 0 and 3.5 days

time since most recent convection (day)

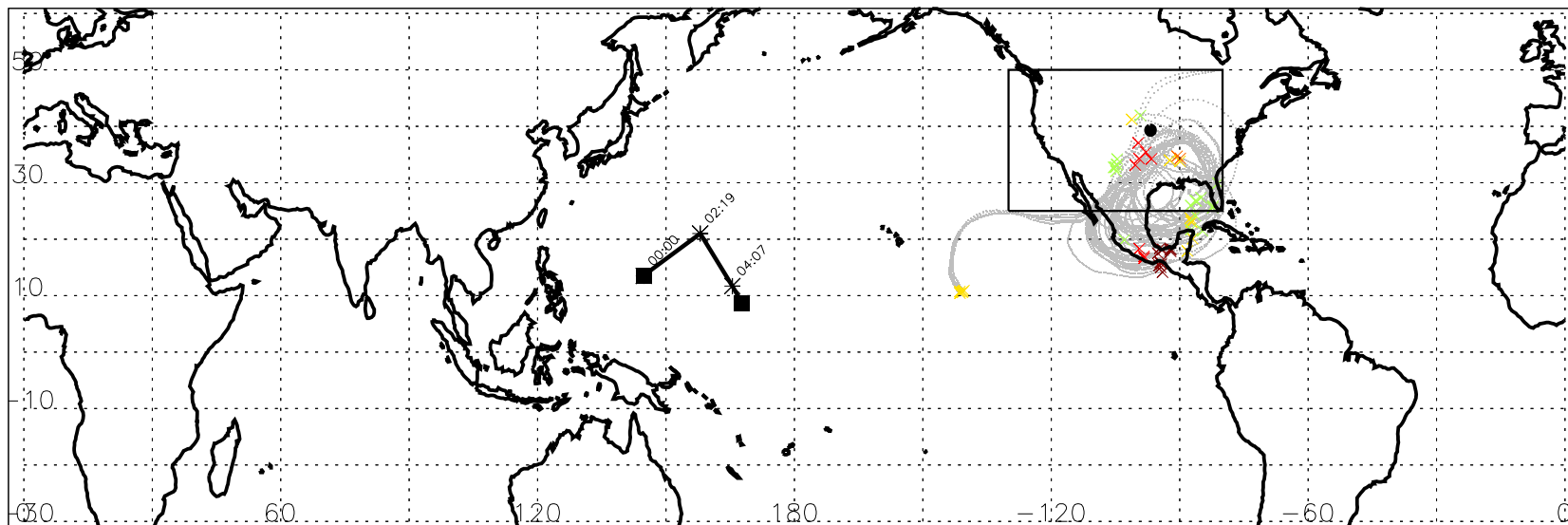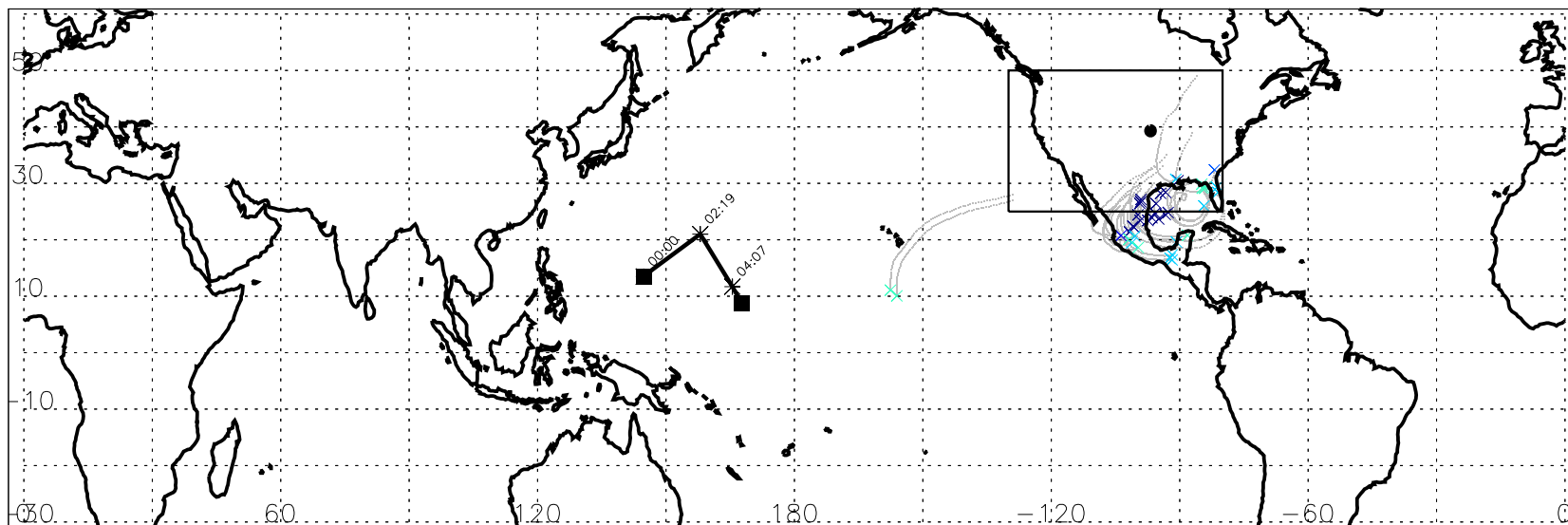Convectively-influenced 7-day back trajectory at 50 kft level from boxed region on 06/10/2020, 18Z

Fig. 3: Trajectories influenced by most recent convection (asterisks) between 0 and 3.5 days (As Fig. 2 but convection locations only)

Last satellite picture file: /Volumes/hd3/lpfister/DCOTSS/cld_alt_primary/cloudaltthetkm_2020061018.sav
(This plot was generated on Wed Jun 10 09:35:37 2020)

time since most recent convection (day)

Convectively-influenced 7-day back trajectory at 50 kft level from boxed region on 06/10/2020, 18Z

Fig. 4: Locations of most recent convection (top: 0 to 3.5 days; bottom: 3.5 to 7 days).

time since most recent convection (day)

Convectively-influenced 7-day back trajectory at 50 kft level from boxed region on 06/10/2020, 18Z

Fig. 5: Trajectories influenced by most recent convection that occurs outside of boxed region at location X.

time since most recent convection (day)