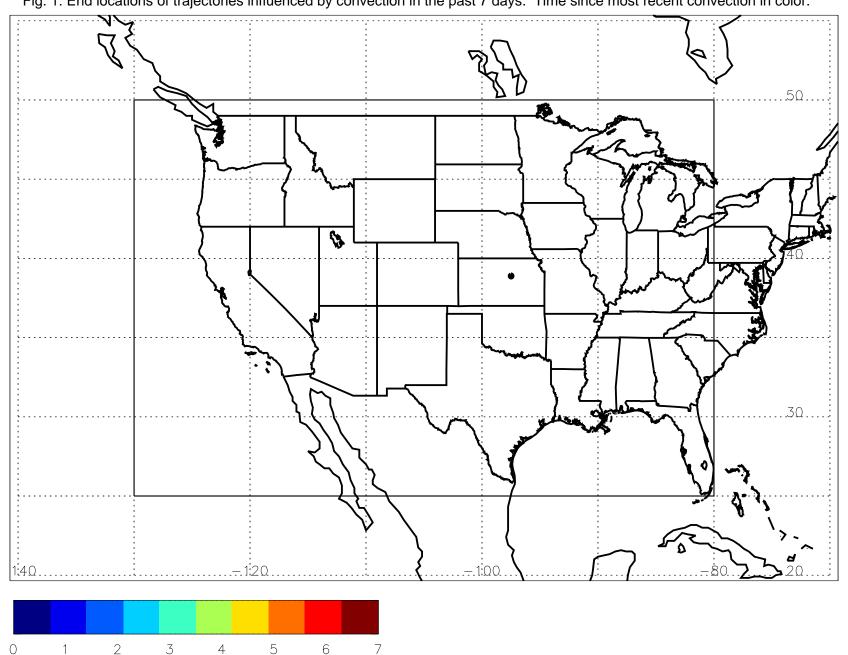
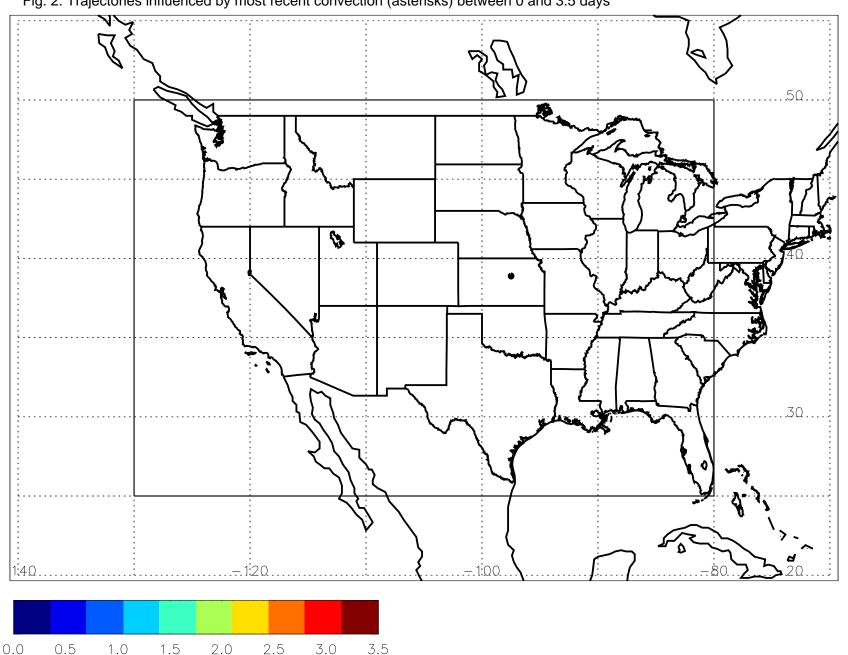
# Convectively-influenced 7-day back trajectory at 58 kft level from boxed region on 04/29/2022, 18Z Fig. 1: End locations of trajectories influenced by convection in the past 7 days. Time since most recent convection in color.



time since most recent convection (day)

#### Convectively-influenced 7-day back trajectory at 58 kft level from boxed region on 04/29/2022, 18Z Fig. 2: Trajectories influenced by most recent convection (asterisks) between 0 and 3.5 days



0.0

1.0

time since most recent convection (day)

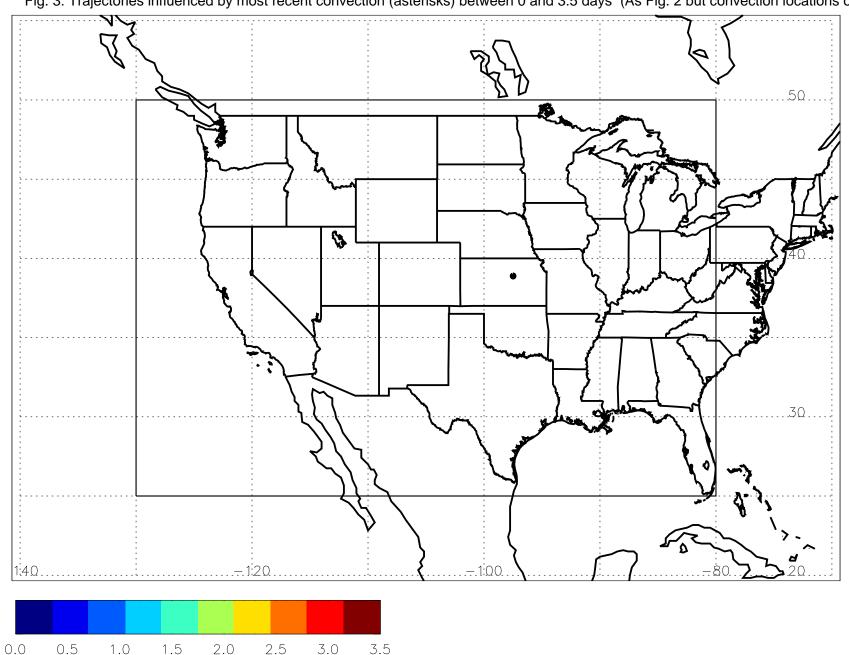
2.5

3.0

3.5

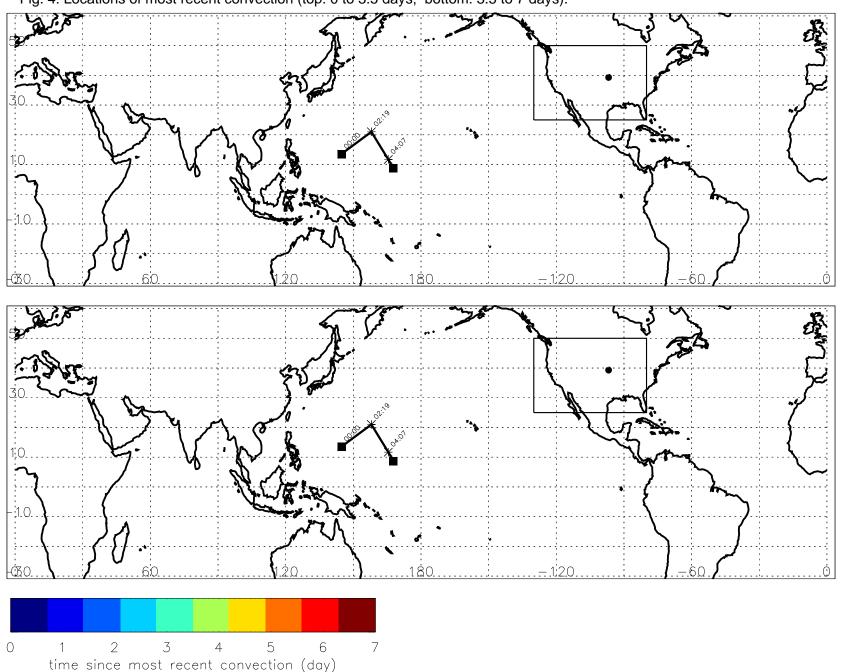
### Convectively-influenced 7-day back trajectory at 58 kft level from boxed region on 04/29/2022, 18Z

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



time since most recent convection (day)

# Convectively-influenced 7-day back trajectory at 58 kft level from boxed region on 04/29/2022, 18Z Fig. 4: Locations of most recent convection (top: 0 to 3.5 days; bottom: 3.5 to 7 days).



# Convectively-influenced 7-day back trajectory at 58 kft level from boxed region on 04/29/2022, 18Z Fig. 5: Trajectories influenced by most recent convection that occurs outside of boxed region at location X.

