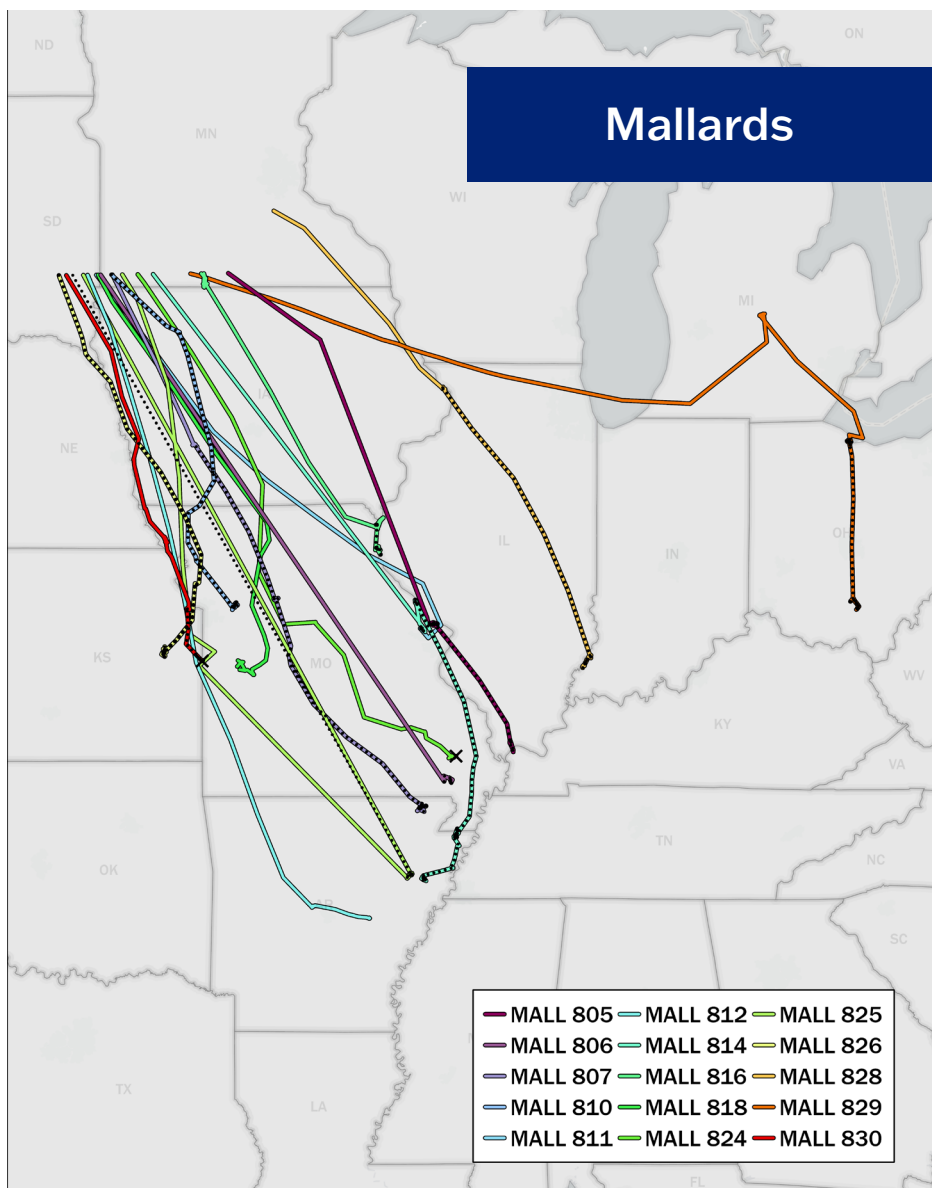


Map 1 - Seasonal migration paths for previously marked ducks as of Jan. 10, 2022



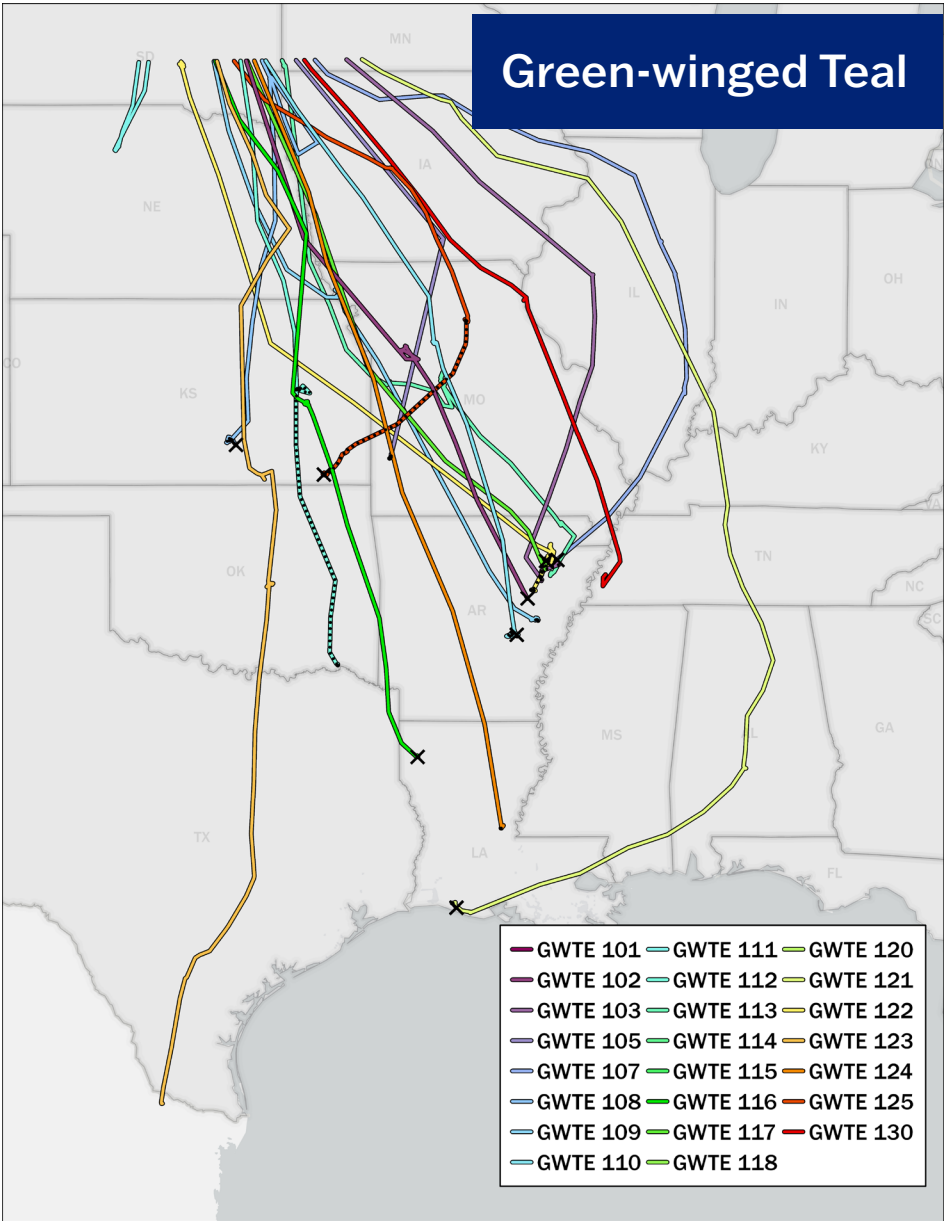
Map 2 - Migration paths for mallards marked in September 2021 as of Jan. 10, 2022

either by hunting or other mortality. We are delighted that two mallards that had not sent any data since they were released have sent data for the first time during this period. As we have mentioned before, the transmitters store data if the unit cannot connect to a cell tower. The transitioning to the new 5G towers also hampers the data transmission.

Fifteen mallards have provided locations. Since the last report, most birds are in the Kansas City area or along the middle Mississippi River system, with one outlier in Ohio. The state distribution is Arkansas (4), Missouri (4), Kansas (2), Illinois (2), Indiana (1), Iowa (1) and Ohio (1).

As expected, the green-winged teal settled into wintering areas sooner than the mallards, perhaps because they depend on wetland plants for food, which means freeze-up sent them packing. Twenty-three have provided movement data since release, but only six of them made substantial movements since the last report. Six of the teal last reported from the Dakotas – four in South Dakota and two in





Map 3 - Migration paths for green-winged teal marked in September 2021 as of Jan. 10, 2022.

North Dakota. Those ducks are likely dead. Currently the state distribution is: Arkansas (7), Louisiana (3), Kansas (2), Missouri (2), Oklahoma (1), Texas (1) and Mexico (1).

Map 2 - Migration paths for mallards marked in September 2021 as of Jan. 10, 2022. Solid lines are trails prior to the last report and ticked lines are recent movements since the last report. An X denotes the end of trails for radios that are not updating either due to natural or harvest mortality.

Map 3 - Migration paths for green-winged teal marked in September 2021 as of Jan. 10, 2022. Solid lines are trails prior to the last report and ticked lines are recent movements since the last report. An X denotes the end of trails for radios that are not updating either due to natural or harvest mortality.