BirdCast

Weather surveillance radar perspectives on bird migration in the United States

Andrew Farnsworth, Senior Research Associate 29 September 2022



About Migration tools Science-to-action News

Showcasing the spectacle of bird migration

When, where, and how far will birds migrate? How many birds passed last night? Our tools help you explore the answers to these and many other questions about bird migration.

Learn how











2.9 billion birds gone since 1970 -1,000,000,000 -2,000,000,000 -3,000,000,000 1970 1980 1990 2000 2010 Courtesy of the Cornell Lab of Ornithology. Source: Science, 2019

Migratory Birds

2.5
BILLION
MIGRATORY BIRDS
LOST SINCE 1970

-28%

POPULATION LOSS
IN MIGRATORY
BIRD SPECIES
SINCE 1970

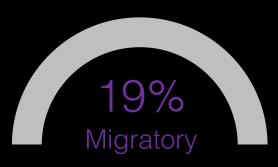
Courtesy of the Cornell Lab of Ornithology, Source: Science, 2019

2 IN 5
BALTIMORE ORIOLES
LOST SINCE 1970





All bird species

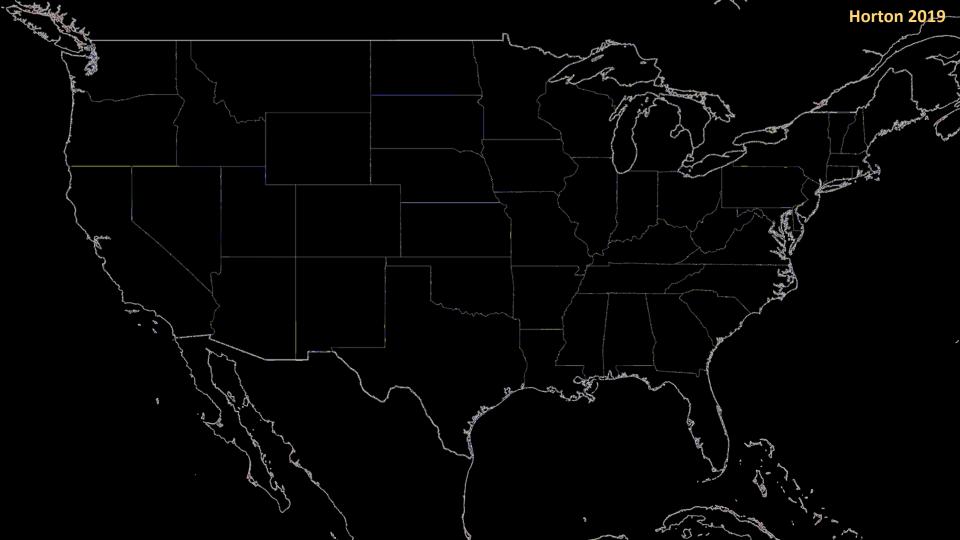


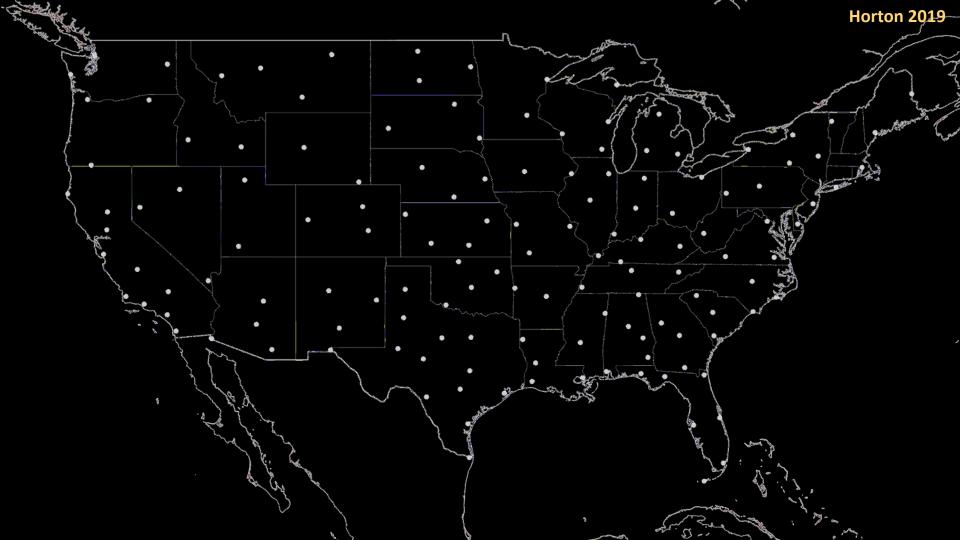
North American bird species

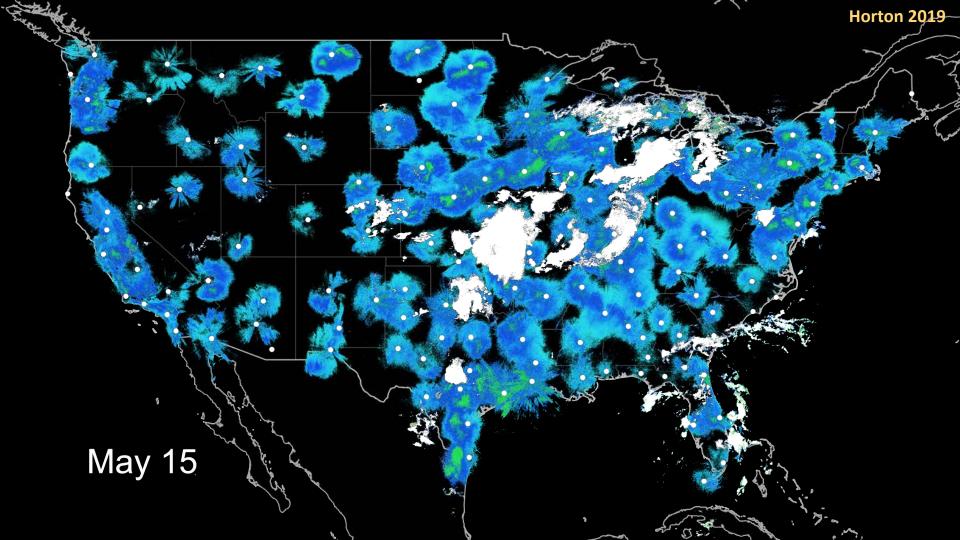


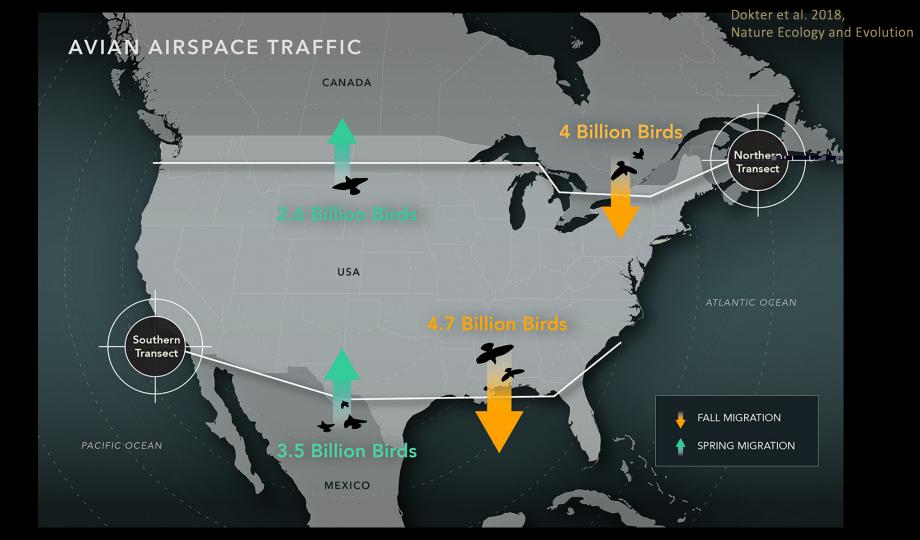
North American migratory birds



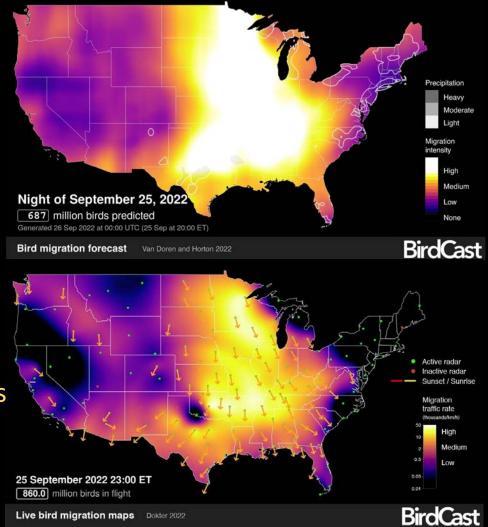








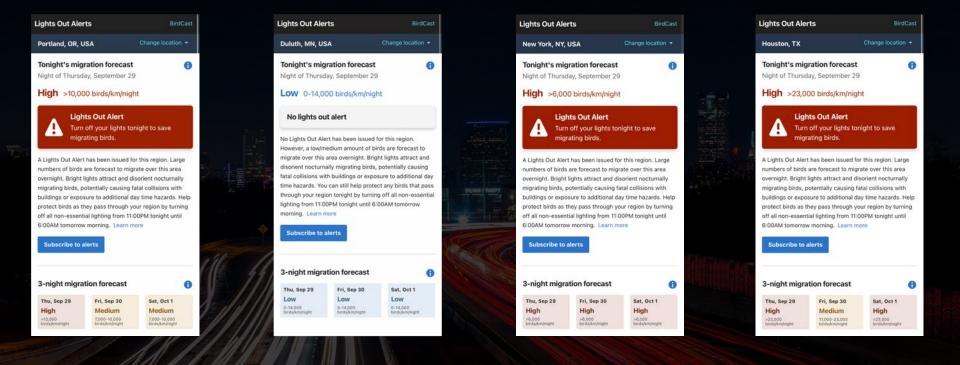
Forecast Migration Maps



Live/Observed Migration Maps

Migration Dashboard

Lights Out Alerts: alert.birdcast.info/lightsout



Visit the CSU AeroEco Lab for state and national visualizations: aeroecolab.com/uslights

Timing of peak bird migration is advancing across the US, more rapidly at higher latitudes

