Investigating Bird Surveys Using Small Unmanned Aerial Systems

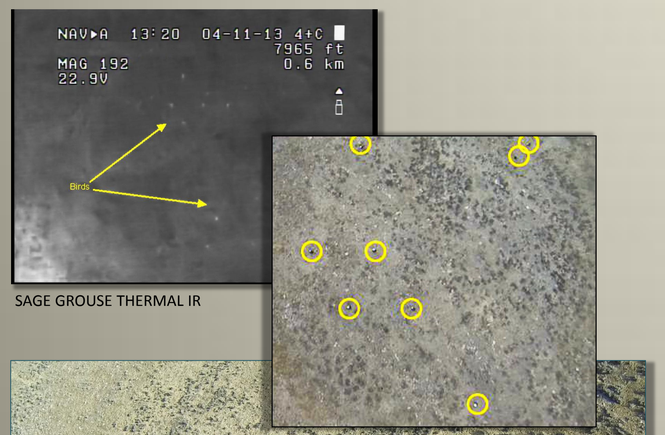
SAGE GROUSE

SANDHILL CRANE

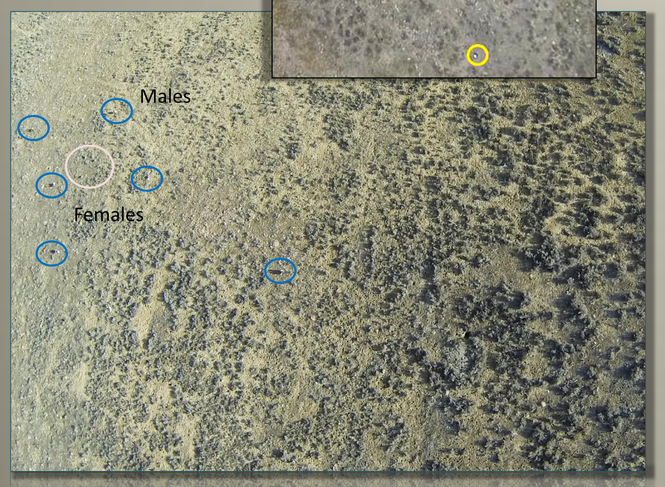
COOT

CANADA GOOSE

MALLARD



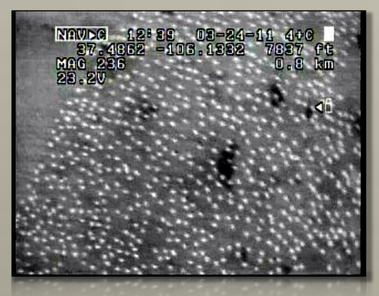
SAGE GROUSE THERMAL IR



SAGE GROUSE LEK, 150 FT AGL, 1.0" GSD

SANDHILL CRANES, 300 FT AGL, 1.08" GSD

SANDHILL CRANES, 200 FT AGL, 0.72" GSD



SANDHILL CRANES THERMAL IR

MALLARDS, 150 FT AGL, 0.5" GSD

COOTS, 200 FT AGL, 0.72" GSD

WATERFOWL, 300 FT AGL, 1.08" GSD

U.S. GEOLOGICAL SURVEY - NATIONAL UNMANNED AIRCRAFT SYSTEMS PROJECT OFFICE
GEOSCIENCES AND ENVIRONMENTAL CHANGE SCIENCE CENTER
DENVER, COLORADO
APRIL 2013

U.S. Geological Survey - Fort Collins Science Center,
U.S. Fish and Wildlife Service,
Colorado Parks and Wildlife,
Bureau of Land Management