

flying in slight rain. 40.1 3 starling, 40.3 village of Lone Star. 40.9 seven bluebirds, one starling. 41.1 three bluebirds, 41.3 1 crow, seven starting closing the crow. 42.4 bluebird. 42.7 nine bluebirds. 43.2 east end of dam at Lone Star. One bluebird and 1 bluejay. On water, ^{and} generally distributed are the following groups of lesser scaup. 2-4-7-2-1. at west end of dam at mileage 43.5 at 8:26 A.M. Temp water in lake 66°F, air 51°F. 8 crows on ridge to W. 2 Kingfishers called from N side of dam and then flew up over dam and S down middle of lake. at 10:05 eleven killdeer flew S over dam, called. 10:15 a cormorant arrived from N and flew over dam, turned east and paralleled dam to east bay, then S over flock of 8 scaup + then W again to alight at west side of lake near point just beyond outlet. It waded 150 to edge of vegetation along lake and fished 5-15 feet from shore in an area that would produce bluegill + green sunfish. 10:16 the 11 killdeer that flew N over dam at 10:05, returned and flew S across dam. Between 8:30 and 11:30 fished from cement outlet along dam to W overflow and along edge of dam from shore to 10' lakeward. 4 small patches of emergent vegetation just off shore. Bottom of dam rocks. The measurements of these fish are as follows: (standard length & weight ^{in grams})

Bluegills = 128-72gms, 112-50gms; 118-55gms; 130-76gms; 120-59gms; 107-40gms; 95-25gms; 98-30gms; 128-48gms;

Green sunfish = 121-58gms; 131-68; 128-58gms; 118-52gms; 114-49gms; 108-38gms; 111-43gms; 104-34gms; 102-30gms; 100-31gms; 98-29gms; 100-30gms; ⁹³103-24gms; 91-23gms; 92-25gms; 93-24gms; 79-15gms; 80-17gms; 76-14gms.

Crappie = one caught and measured 138 mm standard length.

Left Lone Star 11:35_{at mileage 44.0} and has been rain most of the time. will keep complete census between Lone Star Lake + highway 59, now raining hard and necessary to keep windshield wipers on double speed to keep windshield clear. 44.2 7 bobwhites 44.5 8 bluebirds; 46.4 3 starling; 47.1 yellow-shafted woodpecker; can just see outlines of hills thru rain; fields in some cases flood, others accepting rain, drainage ditches full. 48.3 5 Eng sparrows and rains slowing up. 50.2 meadowlark; 50.5 mourning dove; 52.4 Panning Corners; ditches on N side even with field, on S side 1/2 full; 53.7