


This would be a day that ducks did not see a single duck during the 2 hours of observation. There is now a road on right-of-way by railroad that follows at edge of river from the De Soto road N of the bridge to the Eudora road N of the Eudora bridge. This accessibility to river may influence bird populations along this part of river. At sundown the wind subsided abruptly. At about the same time the moon appeared. It was measured and appeared to be three times the diameter of the moon at higher angles  but when remeasured at a high angle it was the same. A more careful measurement will be made at a later time to determine if the large size at low angles is an optical illusion.

Lawrence, Douglas Co., Kansas

Nov 29, 1966

Marvin Bronck reported a magpie near Concordia, Kansas. The local game protectorate informed him that the magpies have always been in the blue hills (at least last 6 years) and since last year have moved across the intervening flat area to the flat hills to the east.

Dec. 1, 1966

First night of sub-freezing temperatures (24°F).

Kansas River, Lawrence to Eudora, Douglas & Leavenworth Cos., Kansas

Dec 3, 1966

Son James Robert and I made canoe trip from bridge at Lawrence to bridge at Eudora, starting at 2:25 P.M. Day with high clouds, wind from E, waves up to white caps on long straight stretches, especially out of Lawrence. Temp of air 31°F, water 34°F. Ice masses to 4 sq yards in protected areas and moving along edges. Ice 8 inches above present water level on shore. Ice on twigs, branches at water level. Keel down 2:48. Water about foot lower than last trip, exposing islands & sandbars but not as low as usual without Tuttle Creek Control. 3:01 large pipes that go under river. One scaup left bank and flew directly across river and up over trees. ^{yellow shafted flicker on sand island} 3:07 high vantage line crosses river. 3:10 major drainage from right. Great horned owl and red tail hawk. The hawk flew with labored wing beat. 3:15 Kingfisher 2 scaup ducks, Herring gull (sp.?), great horned owl. The gull was flying up river. ^{longspur 8 only on sand bar} 3:48 Casper Point. 3:52 mallard flying up river (high). 4:03 opposite Mud Creek entrance. 4:17 Kingfisher