

sycamore trees show a yellow-brown color and mostly smaller trees. 11:05 10 crows chasing a great horned owl down river. 11:16 crossing bubbling pipeline. Some beaver cutting here but not as extensive as in previous years. 11:20 utility lines crossing river. 300 redwings in trees and calling. Red leaves here in riparian community. Usual color is yellow & green & some brown. 11:24 major drainage to right. 12:02 shoveller flew up river. 2 sparrow hawks. juncos & redbellied woodpecker on bank. There have been other birds along bank but have not recorded these. All water birds or birds associated with river channel are recorded. 12:04 Capsize Point. bank has eroded farther to E. Horned larks in area on sands. 12:13. Channel to right. Lesser scaup on bank. beaver house & tree barking in area. Not much activity on W bank near mouth of Mud Creek where on previous trips there has been considerable activity. 12:19 opposite Mud Creek. 12:39 passing mouth channel (last end) by island. There is sufficient water to form a broad river between bank & island on S side. 1:30 bend of river and pulled out on N bank. G. B. Heron left. Fox tracks in sand. Left 2:10. A fox squirrel left edge of water on E side and ran up into root of tree near top. There are a few dead shad along edge of river but uncommon. 2:42 passing 2 drainage system with intertwining island of trees. G. B. Heron here. Rough-leg circling over oaks on hills to N, hovering in its characteristic behaviorism. ^{2:15}~~3:35~~ beaver tracks in mud and house. 2:25 roughleg. 3:04 horned grebe. 3:10 5 ducks fly to S & high. 3:18 Eudora bridge. Air 60°F, water 50°F. High overcast & wind from SE. Mouth Wakarusa 3:35. beaver activity here. There has been considerable erosion of E bank beyond Eudora bridge and eventually will pirate Wakarusa drainage. Arrived Eudora bridge over Wakarusa at 4:08 P.M. no kingfishers or beeldeer today.

Wakarusa River Valley, Clinton area, Douglas Co., Kansas
Oct 29, 1967

Sigel School house at mileage 03.6 (9:30 A.M.) overcast & local rains. 2 crows. 04.1 to S. 2 crows. 04.8 Y in road 0.5.6 N end (old) proposed dam. 06.8 Peterson road 3 meadow larks. 07.3 Wakarusa Bridge. River about 3 feet above