

2 redwings, 8 grackles one group, 5 redwings. 11:05 out of island of trees, dickcissel, 3 redwings, 3 gold finches, 2 redwings, 2 grackles, 2 redwings, 3 grackles, 2 redwings, wood duck 1/10 mi before bridge abutments. Stinging nettle invading river banks. 11:10 old bridge abutments (bridges in area have been blasted and abutment remain only). yellow-billed cuckoo, bluejay 11:15 out of trees, 2 great blue heron, grackle, killdeer, grackle, redwing 11:25 spotted sandpiper, 2 redwings, great blue heron. a great blue heron and a turkey vulture on same limb of large sycamore tree and only 15' apart. 11:35 N end meander in lake and where old co road surfaces on N side river. From here can count 23 great blue heron along W & N shore of bay to N. 2 redwings. 11:50 entrance boat harbor. From top of breakwater can see 5 wood ducks flying at can hear + calling in flooded vegetation in lake to N. The old meander is now under the breakwater. Water level to base of boat ramp in harbor. 12:10 cliff cut meander. The stratigraphy of bank is black, gray, yellow. 2 redwings. 12:17 now E. 1 bluewing, 2 great blue heron in tops of small inundated trees. 2 mallard, 3 wood ducks, 2 great blue herons flew by. 12:33 between island where lake goes into Luck Creek drainage. Only 3 bull frogs the entire trip so far. Now returning. Temp. water in sunshine 87°F, shaded area 86°F. In shade of trees at surface of water 86°F, 10" deep 86°F. In sun 87 surface, 86 10" deep. There is only a degree difference but when one drags his feet and legs in the water the deeper water is noticeably colder. In Wakarusa Channel, Temp in sunlight away from trees 89°F and 10" deep. no raptors today. Cattle egret (4) with considerable black. Little blue heron (3), Kingfisher in island of trees nearest Peterens pond, also turkey vulture in flight. E. Kingbird, 1:45 mouth Coon Creek and will navigate to bridge and then walk back to car and return it. Many grackles, probably 200 in trees along Coon Creek. They seem to come in here in hot part of day for resting. 2:30 put-out about 1/10 mi down Coon Creek from old bridge. 3:05 back to put-in on Wakarusa River. Many water beetles in river and noticeable in sunlight. Back to car 3:20 P.M. Returned to canoe, loaded and left at 3:45 P.M. 2 lark sparrows at put-out.

Travel summary: 5 1/2 mi out 3:33 time out 11.2 miles from home.
 4 9/10 mi back 2:57 time back

Total = 6 1/2 hrs canoeing time, 10.4 miles

Battery (12V) registered 9 on charger at end of 10.4 mi. trip.