

644.4 407 junction along 36. 2 barn swallows. 645.4 redtail hawk. Yucca common thru this area and occurs in dense growths. Other-wise grass prairie land. Country to south, ^{of Beaver River} absolutely flat. N of river is undulating. mourning dove, sparrow (some may be dickcissel), barn swallow, barn swallow, mourning dove, barn swallow, 2 barn swallows. Traffic about 1 car per four miles and wildlife so indicates less interference of fauna along roadside in contrast to interstates.

651.6 redtail, meadowlark, barn swallow, 4 lark bunting, 654.3 atwood, barn swallow. In contrast to Nebraska, the gullies and swales in Kansas are eroded. Presence of yucca here in Kansas would indicate over-grazing. Yucca, however, has a tendency to follow sandy and fine gravel courses of ancient Pleistocene drainage course, some now exposed on higher slopes. Yucca also follows the eroded areas caused by overgrazing. 3 mourning doves, barn swallow, mourning dove 2 meadowlarks, mourning dove and western kingbird. 2 sparrows, barn swallow, 2 meadowlarks, mourning dove, mourning dove, mourning dove, 3 lark bunting, barn swallow. 670.3 burrowing owl, pleasant (ring-necked), Lark bunting, mourning dove, mourning dove. 673.0 marsh hawk, western kingbird, mourning dove, 3 barn swallows. 2 mourning doves, sparrow, barn swallow, mourning dove, western kingbird, mourning dove, mourning dove, mourning dove, mourning dove. 677.1 Traer exit to N, mourning dove. Few grasshoppers flying across road. Barn swallows, meadowlark, meadowlark, western kingbird. 682.1 Oberlin, mourning dove, 3 barn swallows, barn swallows, 3 mourning doves, barn swallow, western kingbird, mourning dove, sparrow, mourning dove, lark sparrow, lark sparrows, 2 barn swallows. Barn swallows are in small groups. 690.1 Kanona turnoff to S. 2 mourning doves, lark sparrow, mourning dove, lark bunting, mourning dove, 2 mourning doves and barn swallow, 2 dickcissel, mourning dove, 2 mourning doves. 5 barn swallows, 4 mourning doves, mourning 695.1 Jennings turnoff to S., western kingbird, mourning dove, meadowlark, 2 barn swallows. 699.1 Lyle turnoff to N., 5 barn swallows. 700.5 Norcatur to N. 4 western kingbirds, mourning dove and 4 western kingbirds, barn swallows. 701.1 Norton Co. line, 2 barn swallows. 705.0 redtail. 2 western kingbird, Orlaccans rock exposures, mourning dove, mourning dove. Sky clear to N. high cirrus above and to the S., ^{wind from S.} mourning dove travelling 45 MPR. 2 dickcissel, mourning dove, western kingbird, sparrow. 710.6 383 turnoff to Clayton and Norton Wildlife Reservoir, sparrow, 2 meadowlarks 712.7 261 junction. barn swallow, blue jay first one seen ^{on return trip}, at least in Kansas, sparrow, mourning dove. 716.9 Norton junction 283. 719.5 Prairie Dog