




on fence line near windmill in early days. The slopes on S side of valley beyond windmill have never been plowed and were originally prairie, now partially grown to shrubs and small trees. East of windmill in low area were swamps and cattails. Creek water in Canyon used to flow to E. Tornado in 1917 followed along slopes on S side of valley to Clinton, cemetery and did considerable damage. Wakarusa River used to be lakes and rapids and not as deeply entrenched as today. At windmill area in early days he saw chipmunks that are now gone. Fewer 13 lined ground squirrels. A walnut log was found 13 feet below surface and not decayed. Beaver eat corn fields and dig tunnels into fields. Arrowpoint found in area are  natural size, and larger ones  . He found an Indian pipe of clay just N of his house at edge of Wakarusa River. When tornado of a few years ago passed by between Collins property and his, there was a wound at his home. Left Suttons and continued E at 85.2 ~~at 11:00 P.M.~~; 85.4 38 starling in one flock; 85.9 Rock Creek bridge, water 90 per cent free of ice; 87.0 12 starling on telephone lines in one group; 87.3 5 end proposed dam site, 2 crows, end of complete census. 88.6 red tail circling to S. time approx. 3:30 P.M. In Lawrence noted nuptial flight of mourning dove.

Lawrence, Douglas Co., Kansas
Feb. 27, 1966

Rained slightly last night

Wakarusa Valley, proposed Clinton Reservoir area,
Douglas Co., Kansas.
march 5, 1966

made complete census of area (some route covered in previous census). Day characterized by high cold wind. The wind high enough to blow down limbs of trees and cause birds to fumble in the air when forced to leave ground or short shrubs. Beginning at road 6 at 23rd street at 8:35 A.M. continued west, mileage here 0.1 A thin layer of clouds alternating with partial clear blue sky and dense clouds dropping snow. This ~~one~~ on and off snow and clear weather characterizes the weather but snow accumulation almost nil. Temp. 22° F. 2 starling and 5 English sparrow on outskirts of town. The same Coyote inside his small house