

The adults moved twice as much as the immature, especially in the beginning of the observation period. Local populations seem to maintain their identity as groups. All eagles moved at least once in the 1 hour and 56 minute period. Most of the activity NE of island and W of high cottonwood tree on S side river. It was used 7 times by two birds, mainly an immature (6). No ducks in area except 3 groups of 4-8-7 mallards that flew up river. No eagle flew beyond riparian forests laterally.

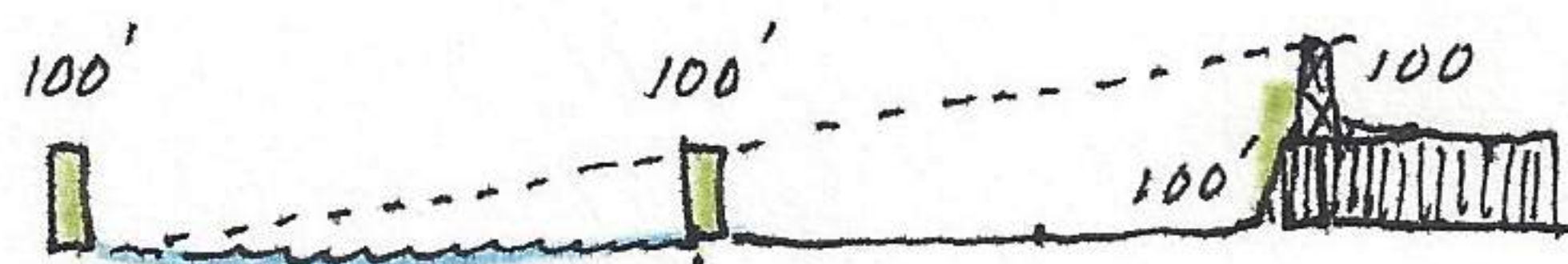
Left area 2:36. Mouth Buck Creek in ice with flees of water. As one goes up stream the creek becomes free of ice. At highway 24 the water from E along right-of-way was flooding down into Buck Creek and adding $\frac{1}{3}$ of the river flow capacity. Field in this area along highway are in lakes and right-of-way choked with ice + water that is not draining.

Returned to Lawrence. Kaw frozen above bridge and open to W end of island but solid beyond.

Kaw River, Leecompton area, Douglas Co., Kansas

Feb. 23, 1979

Checked 2 promontories on S side Kaw for possible location for observation towers, no 1 site and giving most complete view of river between Leecompton and bend of river N of Lake View is located at 150' E, 600' S NW corner sec 8, R19E, T12S and no 2 nearer the river and although has not the full view of the river system has values that would classify it as ~~no.~~ the better of the two promontories. It is located 4000' E, 100' N of ^{SW corner} sec 6, R19E, T12S. Position no 1 would require a tower 100' high to clear tops of cottonwood trees on S side of river



whereas in case of no. 2 the height would be less than 50' which would also be high enough to clear tops of hillside trees. The scenic values in both cases are magnificent but in no. 2 the river is nearer and if tower is placed on W end of ridge, it would also overlook a well forested drainage system. From no 1 the view in foreground is mainly agricultural. The top of ridge is almost flat and approach from the S would not be a problem. One of the best river bank stations is directly below no. 2 tower. From no. 2 the entire natural area (except parts of mouth of Delaware River) can be seen. No. 1 is even better situated for complete survey of eagle and other animal activity. Enroute to promontory points at a point where river levee connects to county road noted a vesna (blue and white) plane no. N72315 flying in river channel just at tree height. It had its flops down and was cruising at a low speed. As far as I could