

Annette^p & I made trip. Day clear and not a cloud visible. Temp. approx. 48°F. Wind from N. Drove along new dike on N side Kaw ^{Army} (Corp of Engineer) to junction with highway 40. River side being surfaced with rock. This dike is some distance back from river with riparian community along edge of river. I am wondering what use will be given to this area of potential inundation. No ducks or waterbirds noted from the dike.

Ice on ponds along side of road from last night's low temperature. Not a single bird noted between Lawrence and Wilcox town.

66.0 Wild Horse turnoff. Will follow up this canyon and then cut across to Perry Reservoir dam. No birds up to this point.

67.0 2 redtail hawks circling in valley. One junco & 1 cardinal, meadowlark, yellowshafted flicker, 69.0 now to W. 69.2

Wild Horse Creek. Water in ice except ripples. 70.3 E end of Perry Res. Park. 71.1 sparrow hawk at headquarters. 71.3 east end of dam. white caps on lake. 3 white pelicans in bay directly below administrative headquarters. The last time

these birds were observed ^(Nov. 7) they were at edge of water at W end of dam. There were also 3 gulls ^(ring-billed) associated with the pelicans.

A group of 32 gulls ^{ring-billed} were generally distributed approx 2/10 mi N of dam and aligned parallel to the dam. One franklin gull flew along the edge of the water at dam. One cormorant 1/10 mi. N of outlet gates. 20 ducks (scaups?) about 1/2 mi to N.

72.9 W end dam and now travelling to N along lake. Approx 20 gulls along west edge of lake. 74.9 Promontory and 35 gulls. These birds were in area that would represent the old river course thru this area, now submerged. 23 mallards in one group to E. To the N and extending from lee of promontory to E of Rock Creek to promontory SE across lake and mainly in leeward protection of NW winds were approx 11,000 mallard ducks in one continuous linear raft. These ducks were rearranging their formations by these birds at SE end of raft in main line of wind. This raft was estimated on the basis of an actual count of 1000 birds and then using this number, estimated the total population. These ducks were at a distance that prohibited critical estimate of ♂ to ♀ percentages. One cormorant among mallards and no doubt other smaller ducks were associated but the great percentage, almost 100% were mallards. 18 ringbill gulls beyond toward Ozaukee. 2 redtail hawks to N along shore. 78.8 7 crows in one tree. 80.3 leaving main road to Jefferson Park & trailer