

(Doubt if any of this will be of interest to Amer. Birds)

Bladup B Black

Winter Season Dec 1970 - mch 1971

Red Rock Refuge and Lake area, Pleasantville, Iowa

Weather was highlighted by two "wars", the ice storm Dec 10, 1970 judged one of wars of the century, severe damage to trees and all utility lines, and a blizzard with 15 inches of snow Jan 3, 1971. The snow remained on the ground past mid March, 1 thaw in Feb. flooded the Refuge, and lake and ponds remained frozen till near end of March.

1500 Canada geese in Refuge Dec 29, 1970; 6 on 1/14/71; 40 Canadas moved in on Feb 20 along with mallards and 20 Common mergansers.

6000 mallards in Refuge and 2000 below dam 12/29/70; 1200 below dam 1/14/71 and began moving in again 2/20/71

4 Bald Eagles on 12/29/71; 1 i. Bald below dam 1/14/71 and 1 A. Bald Eagle moved in 2/20/71 with 5 (4) by end of March.

12 Goldeneye and 1 Bufflehead on 1/14/71

1 Old Squaw on 1/1/71 seen by Paul Kline @ dam

a high of 24 Red Tailed Hawks in Refuge Dec 29, 1970

also 5 Marsh Hawks on 12/29/71. 3 were observed catching fleeing mice at edge of advancing flood waters on 2/20/71

The 36 white crowned Sparrows on Dec 29, 1970 was an unusually high count.

No winter Juncos. Only 1 Redpoll seen in late Jan 1971 in Refuge.

Enclosed is Xmas count Dec 29, 1971. This was not sent to Aud. Field Notes.

(over)

Shaded & colored

(Black & white photos of
interior of Over, 1971)

Winter 2 years ago 1970 - March 1971

By the end of March we had thousands of
geese and all species of ducks in Refuge but
should this be included later in spring
migration?

G. Black

[Faint, mostly illegible handwritten notes and bleed-through from the reverse side of the page.]