

at 10:55

the Big Slough bridge on the causeway, noted a helicopter ~~WT~~^{TP} move east up Big Slough area across causeway, thence N on E side flying just a few feet above the dead trees in water and 10 miles an hour for 300' thence along sidehill along lake for about a mile, thence E to top of ridge and thence W toward the main lake. It appeared as if it were following precisely the position of eagles as if to displace them. One adult and 2 immatures left the dead trees at beginning of dead trees, 1 to W and the other two to E. At first heard 6 adults and 4 immature bald eagles left to E and rapidly gained altitude of perhaps 1200-1500 ft at a height that with X & binoculars immatures & adults were difficult to distinguish. The tail of the adult eagle is the best marker at these distance, especially in some positions. The eagles tended to segregate into pairs either adult-adult, adult-immature, immature & immature and aerial contact was common. An adult eagle returned 11:03 to top dead tree standing in water, the first bird to be displaced in 8 minutes after the helicopter passed over. An immature returned 4 minutes later. The group of 10 eagles in air returned ^{some time after} after the helicopter has passed by. The first eagle of the 10 in the air so returned to area where they were flushed out at 11:10, two more at 11:15. By 11:20 all but 3 of the 10 in air had returned, the 3 about 400 above ridge. 11:22 3 still in air but descending, 11:25 two in air but gained altitude. 11:30 all eagles have returned ^{except 2 circling high.} At 11:32 two motor boats arrived from marina and pulled into first of dead trees some 1/10 mi. from the first eagle that returned. At 11:36 a third boat came into area and went directly to the eagle which was displaced & flew up Big Slough. 11:38 2 eagles still circling high. ~~11:38~~ Position of road is 33.7 on S slope leading down to causeway and bridge. 34.1 Big Slough bridge. While watching eagles, several ring-billed gulls and small flocks of ducks passed thru field (26 gulls, 18 groups of 4-12 ducks). From station on road can see 2 groups of people in fields of Topeka Environmental area, just W across slough where eagles are alighting on E side. 36.5 meadow lark 36.6 Mr. Walters front gate. Continued to drive where one can look down into Slough Creek but not adequate so returned to N End Walters property and drove down to the Topeka School Environmental property. From open field S of buildings observed 6 adults ^{bald eagles} and 4 immatures ^{bald eagles}. One adult and immature in low tree near top of ridge, all others 45' up in tall Cottonwood trees on E side of Big Slough arm of lake. The 2 groups of 12 students each did not cause the eagles to leave although they

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