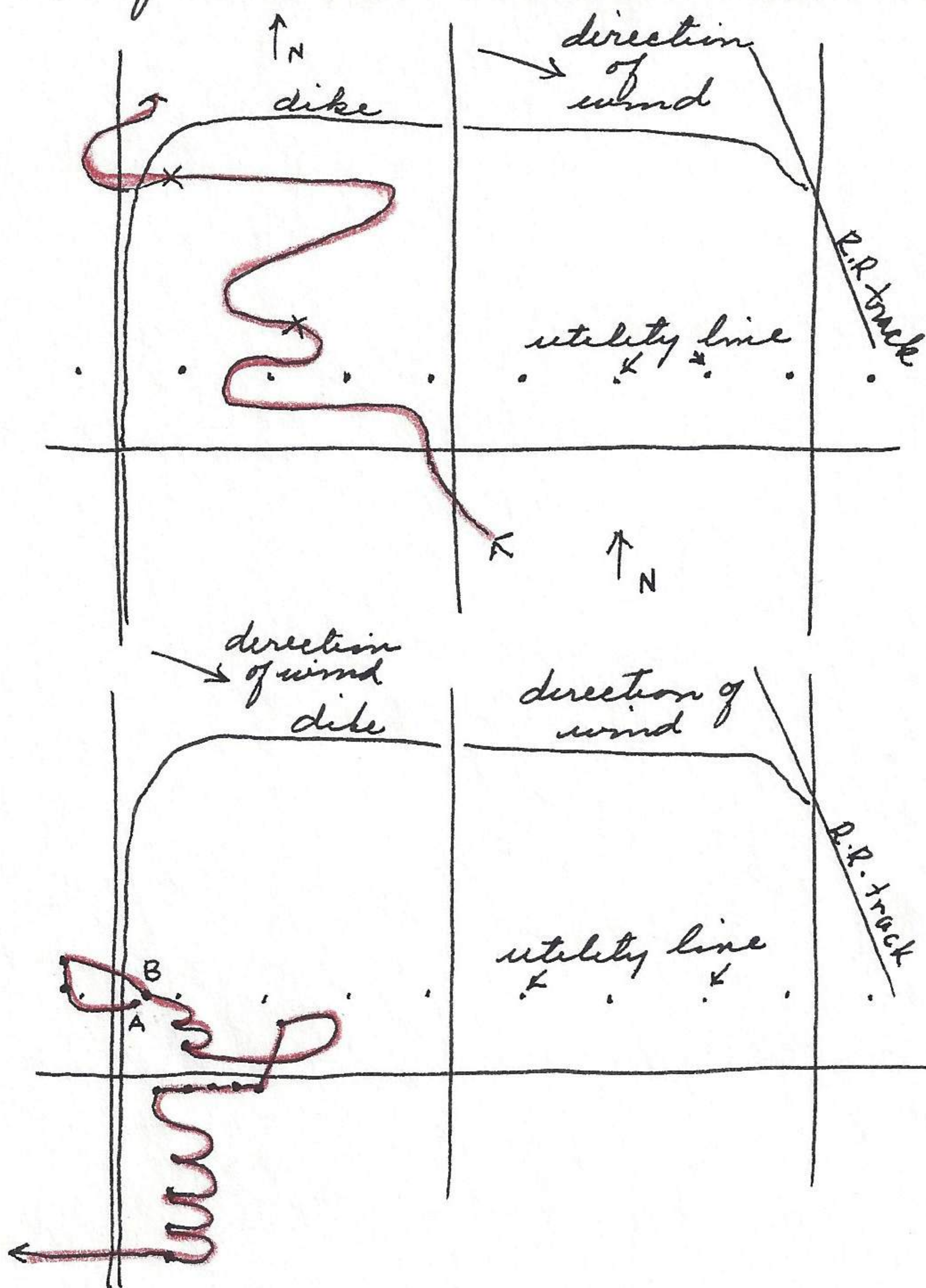


the NW and sky clear but cold being only a few degrees above freezing.



Flight of a marsh hawk. It first appeared at A and disappeared at B. Places marked x are point where the hawk dropped to the ground to catch a mouse, both attempts being unsuccessful. The hunting was always performed into wind from the N.W.

Flight and hunting activity of a ♀ sparrow hawk.

It was first observed sitting on the high line^(A) of the utility line running E-W.

In about 2 minutes it dropped head first down into the grass below. The fall was almost perpendicular and with apparent terminal

glide. It flew back to almost the same spot from where it was stationed before. It carried a Microtus ochrogaster, head sep, and alighted upon the utility line. The sparrow hawk started on the head region and in about 40" the mouse was motionless. After feeding continuously for about 3 minutes and after consuming the head-neck region, the hawk flew W across road and lit in a plowed field where it deposited the mouse and returned to point B just a few inches from point A. From here the hawk dove down at 45° angle but apparently missed its prey & after 15 seconds returned to line at B. It remained here for 4 minutes and then flew to next point (dot on course) where it hovered for about 15 seconds and then to next point where it again hovered at about 60' above the ground. It hovered at next point & then flew to ^{low} telephone line and made 5 stops, at each point assumed hunting pose on line. From line it flew S and hovered 4 times before flying to the west. It flew fast and straight across a plowed field. The sun at this time made long shadows of the grass clump of the proportion of 1 height to 4 shadow length. The characteristic hunt-