

One turkey vulture flew over trapping area, as did a red-tailed hawk. A lark sparrow was noted in area. 4 horned larks were in usual area along main valley road S of Peterson field. On way out of area noted 1 red-tail hawk at N end of proposed Clinton Dam. Phoebe noted at bridge sites.

Lawrence, Douglas Co., Kansas

April 11, 1964

Recorded the source of the small bulb thermometer used for small animals and reptiles: E.W. Schulteis Corp, B12 - B-14 Wyckoff Ave, Brooklyn 27, New York. Thermometer 0/50c 1/5 small bulb, approx \$6.50 each.

Lawrence, Douglas Co., Kansas

April 12, 1964

Lawrence Bee invited the family to test his new boat on Kansas River above bridge. Lawrence, Anne, and Mary Pauline & Annette Christine & myself made maiden voyage. Boat capable of 50 M.P.H. Eddy Bond, Fish & Game warden required Lawrence to get registration numbers on boat. At 11:30<sup>a purple</sup> martin contacting surface of water. One duck fly by. At 3:20 P.M. picked James Rabert up at Hasell Bridge over Wakarusa River. He & Mark Roberts conoed from bridge on highway <sup>59</sup>70. At a point approx. 1/2 mi. N on Hasell Avenue from Wakarusa Bridge we noted the tornado at about the position of the Schlimm farm NW of Lone Star Lake and witnessed the movement from here to the Stagmeier home NW of Lawrence. Rain obscured ~~the~~ vision beyond this point. A perfect view was made possible from our vantage point in the Hasell Bottoms where the open field permitted an uninterrupted view of the tornado. The advancing storm cloud was abrupt and produced rain & hail; the trailing cloud feathered into a relatively clear sky, not blue, ~~by~~ <sup>but</sup> higher cloud masses. The cloud mass was a rather small and discrete unit. Lighting was good and laterally the tornado was free of rain or other low cloud formations. A perfect view was ~~is~~ permitted as this tornado passed along the western horizon. Made the following observations of this cloud mass, beginning at about 3:30 P.M. This tornado cloud was characterized by a dark cloud