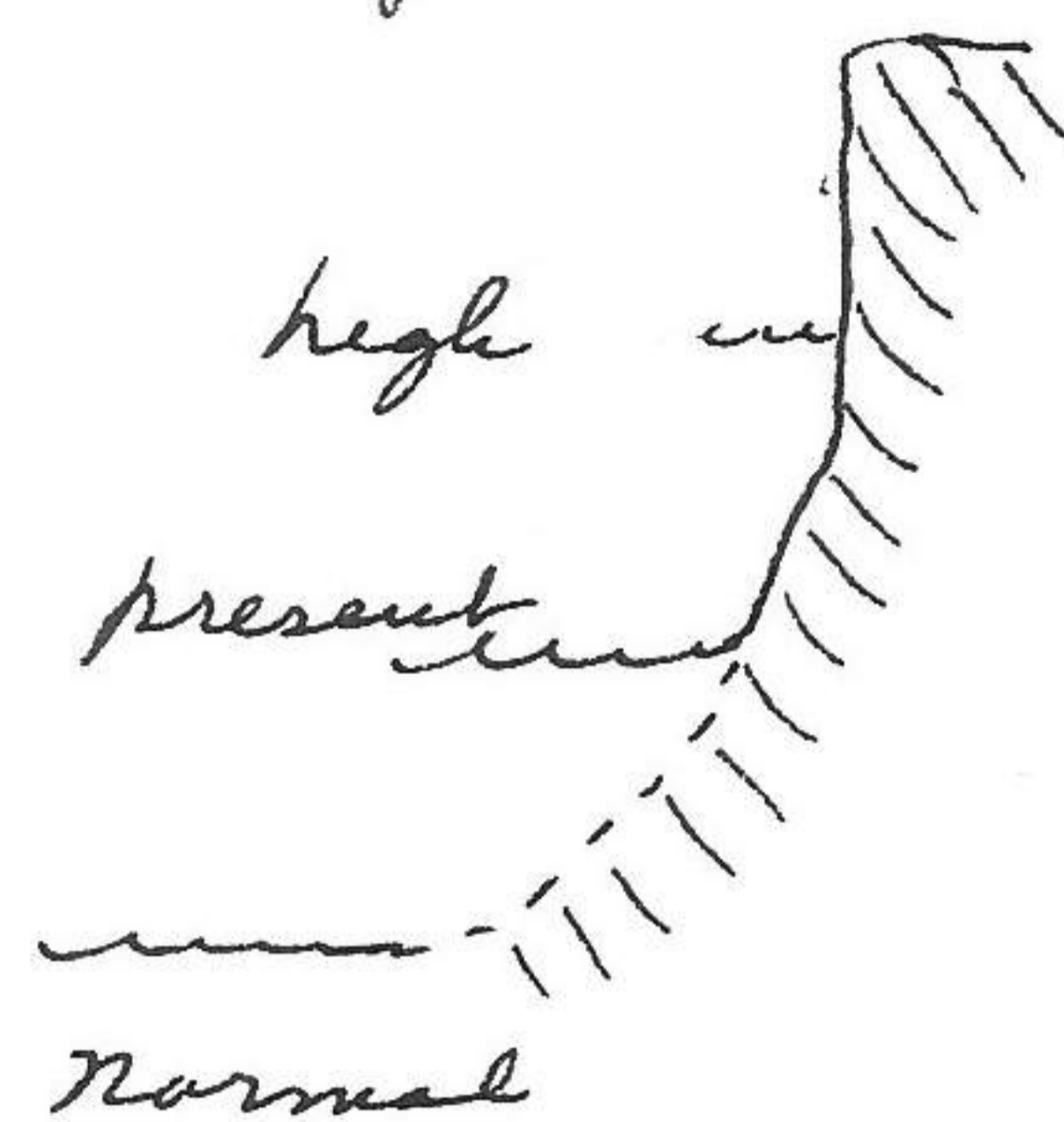



The last rock pile barrier on right side is 3 feet above water. The one above (up river) is now separated as an island and 30' from bank which has eroded away from rocks. The erosion of these banks beyond have left a covering of willow for beaver consumption. Certainly tree cutting will not be required this season! 2:50 W end of bend. Yellow billed cuckoo among willows. 3 loat on bank at bend. 2:57 passing under utility line at axis of bend. 3:00 great blue heron left right bank, flew across river & then upstream at tree top level. 3:04 ♂ mallard, now crossing to left side. 3:05 N side at sandy cliffs. 13 bluewing, 10 shovellers swam from left to right across river and then left upstream. Temp along cliff (from canoe) 67°F. It seems much warmer along cliffs.

Wasps on upper 4 feet of cliff and average 5 per 10 ^{linear} feet of cliff. They concentrated at old bank swallow nesting colony. Grasshopper trapped on slope about 1 per 10 feet. The high water level was on perpendicular cliffs. The present level on steep slope. This slope is smoothed off and covered with mud and even surfaced sand. In some areas the cliffs are perpendicular to water and



old clays are nearer the line of the perpendicular cliffs. 3:25 at log jams. 3:40 am. Coot on bank & took 50' on water to gain air borne flight. 3:43 across from arched R.R. bridge. 3:45 am. Coot on bank 2 feet above water & ran on water 30' before airborne. 3:55 2 coots on bank 2 feet above water.

These coot fly to middle of river & alight. 4 crows. The spider webs that are commonly circulating in air today are alighting on water & land. These aggregates of white fibers in

dimentions of $\frac{1}{4}$ to $\frac{1}{2}$ " x 3" in segments  alight on water and shrink $\frac{2}{3}$ length upon contact with water. A flat green turtle left bank by sliding on soft mud. No frogs on banks. 4:02 On mud bar counted 24 individual entrances onto the mud, no one going beyond 3' from edge of water. The tracks (greatest width $\frac{1}{2}$ " 90 mm. A great blue heron left here. 4:05 3 small beavers about 28" in length silently glided down the muddy bank (3 foot glide) to edge of water where they remained