



A ~1.5 mile reach of lower Senachewine Creek near Chillicothe in 1939 (left) and 1998 (right). Comparison of the 1939 channel center-line (in red) to the 1998 channel shows that the channel developed several meanders and existing meanders migrated about 50 m downstream over that period. Crevasses, evidence of overbank flooding, are prominent in the 1939 image but not in 1998, which may indicate changes in flood height, channel incision, or may be an effect of time lapse since the previous flood. Floodplain sediments are dominantly sandy. Note expansion of the aggregate mine in the floodplain south of the creek, conversion of land on river bluffs and riparian zone from row crop agriculture to forest, and growth of the town. Flow is from left to right.