

Good area for unionids. 11:50 beaver (subadult) from roots of tree. 11:50 bend and drainage, not graded to river but good rock accumulations below (200 feet below). In this area a group of 3 cardinals, 2 redbellied woodpeckers, 4 chickadees, 2 bluejays, 1 redtail, white breasted nuthatch, 4 slate-colored juncos, 3 crows, 2 fox squirrels. 11:58 good beaver activity. Ice masses not as common as lower in Delaware drainage. 12:03 drainage to left and graded to river, 3 gals per 5 sec. redtail, white-breasted nuthatch and 2 redbellied woodpeckers. Tracks of kayote, raccoon above high water mark and were made at a time when flood water were at the high water mark. Some beaver scratches on bank at this level and were made at time water was at this zone. 12:06 good beaver activity. Beaver are all along river wherever willows or vegetation is available and banks are favorable. 12:08 drainage left and 1 gal per 10 sec. 12:09 redbellied & 3 chickadees. 12:11 sharp bend and ice on concave bank. 2 cardinals, 3 chickadees, redtail. Rock piles and good rapids below but not turbulent. 12:18 crow left partly submerged limb in river, first one noted in river channel proper. Slight bend, rapids below. 12:20 drainage left. rapids below. 4 crows, great horned owl, 3 chickadees. water 1 gal. per 10 seconds. Beaver left from roots of large tree. 12:35 bridge. 4 chickadees. flock of 280 blue and 90 snows. 12:44 drainage right, 1 gal per 5 sec. 80 blue and 60 snow geese. All geese flying north. Fox squirrel. Trees on concave bank are scared up to highwater mark. 12:50 horned owl flew down stream just above water into tree & then left river by returning on outer edge of riparian growth. 2 chickadees. noted a redtail to deviate its circular flight by turning to a straight course & lower elevation as small plane past over its area. 12:55 first extensive tree destruction by bank erosion on curve. 1:00 beginning of complete removal of trees by Corp of Engineers. Considerable displacement of soils by caterpillars and large machine tree removal equipment. Beaver left bank directly below ^{area of} most recent tree removal. 1:02 drainage right. Left camp and inspected area beyond top of bank. Redheaded woodpecker in open field. marshhawk. High wind out of channel.