

These white sand banks keep temperature about 8°F higher than shaded river banks on W side of river. White butterfly noted flying here and only one observed today. ^{Five} Hornets occasionally noted at edge of water, some alighting in water. Air temp at middle of river 58°F (3:45 P.M.). In this area along cliffs attempted to project reflection of canoe onto cliffs for photographic record but was unsuccessful because the current was about 5 mpr (or fast enough to keep us from paddling up stream at normal rate of paddling) and the reflective surface of the water was too irregular because of the current. It requires a perfectly smooth surface for best results. It was determined, however, that the shadow on the water contributes to the inverted image on the bank and that one cannot have both the inverted image and the direct shadow from sun ^{on the bank} at the same time. The mechanics of the 8 canoe images are as follows:

