

August 13, 1939 #1

Left camp near Watrous where we moved from Springs last night because the mosquitoes bothered Britney so much. Mileage 16315.

WJK39-08-13-01

Visited the Maca and Sapello Rivers at their junction just a few hundred yards east of Watrous.

The Sapello is the smaller of the two although just above the town of Watrous it is much wider than the Maca. Its water is clear white with a sluggish to strong current. The bottom is rubble and silt. Vegetation, Characeae and Potamogeton, is moderately thick in some of the pools. Except for one large pool (and old earth dam?) just west of the highway, most of the pools ^{and the riffles} are ~~to~~ 15 to 20 feet wide ~~and~~. The large pool is about 75 feet wide and 100 yds long. The depth in the pools reaches about 4 feet; in the riffles it varies from one to five inches.

Campestris anomala were especially abundant in this creek. Many were thrown back.

The Maca is a muddy river with a muddy bottom and no vegetation. The bottom is largely rubble with some silt. The

August 13, 1939 #2

width is usually between 20 and 30 feet. The depth in the riffles reaches about six inches, that in the pools, $3\frac{1}{2}$ feet. A. 83 W 63, Mora; 68 Sapello, Time about 11 AM.

WJK39-08-13-02

Drined the Ocate Creek where the road ^{to Springer} crosses.

This is a stream with large pools, 25 to 100 feet long and 18 to 20 feet wide and small riffles ^{about} three feet wide and one inch deep. The water is white and turbid. The current is moderate to strong. The bottom is mostly silt and gravel. A. 88 W 82. T 12:35 PM.

Picked up a pair of set lines left ~~last~~ yesterday in the Cimarron River at Springer. They were empty. A real cut-throat storm was raging.