

The flow of the creek was measured at several points by C. A. Horr of the U. S. Geological Survey on August 9 and 10, 1965, to determine the seepage of water into or out of the stream. The results are shown in figure 13. It was found that the stream is an effluent stream in portions of the canyon and an influent stream in other portions at the same season of the year. It was noted that the stream lost nearly one-half of a second foot of water in about one-third of a mile in sec. 27, T. 1 N., R. 2 E. On the other hand, more than half the flow of the stream was gained in the last mile of stream channel above the gage. Most of the gain is from ground-water sources.