

WATERMASTER NOTES ON REED SPRING, OCT.20,1998-JAN.25,2000

- OCT.20,1998 30 inches below Steed's pond.
- NOV. 3 60 inches below Steed's pond. I talked to Gary Steed about his measuring device above the pond being non-functional. he said he will fix it.
- DEC. 7 70 inches below pond. Air temp. 40° Raft River 32° with ice above and below Reed Spring. Spring water was 34° below Steed's pond and 42° above the pond. The measuring device above was not functional. The cement frame below the pond is not a measuring device but I can measure and calculate about how much water is flowing through it.
- JAN 3,1999 73 inches below Steed's pond. Air temp 45°; Raft River frozen over, spring water 42° below the pond and 52° above the pond. Measuring device above the pond not functional.
- FEB. 1 96 inches below Steed's pond, air temp. 40°; Raft River partly frozen 32° below and above Reed Springs, Reed Springs 44° above pond and 42° below pond, weather has been somewhat cold for the last few days.
- Feb.19,1999 Steed did not have a weir above the pond working yet, we decided to put in a temporary weir for now before March 1.
- March 8 Steed's temporary weir was odd shaped and tipped down stream so it was not usable.
- March 15 I put a rectangular weir below the pond and Steed's temporary weir above the pond was usable. except that it measured 2.08 ft. wide at the bottom. Using that correction, both weirs showed a flow of about 75 inches, the weir above showed 3 inches more than the weir below.
- April 6,1999 The weir above Steed's pond measured 6" deep and the 2 ft. weir below the pond measured 6 $\frac{1}{4}$ " deep which equates to 120 inches of flow.
- April 27,1999 Weir below Steed's pond 5 $\frac{1}{4}$ "=94 inches. Weir above about the same.
- June 26,1999 300 inches below the pond, weir above not usable.
- July 6,1999 25 inches below the pond
- July 17 25 inches below the pond
- Aug. 2 25 inches " " "
- Aug 9 90 inches " " "
- Aug 18 25 inches
- Sept 20 15 inches

REED SPRING cont.

Oct. 2, 1999	25 inches	below	Steed's	pond	
Oct. 9,	25 <sup>1</sup> / <sub>2</sub> inches	"	"	"	
Oct. 15	25	"	"	"	
Oct. 20	25	"	"	"	
Oct. 26	25	"	"	"	
Oct. 30	25	"	"	"	
Nov. 23	70	"	"	"	4 3/8" deep in a 2ft. rect. weir
Dec. 17, 1999	64	"	"	"	4 1/8" "
Jan. 25, 2000	The weir was gone from below Steed's pond, the weir above is not salvageable, tromped into the mud by livestock. Below the pond the water measured <del>xxx</del> 6 <sup>1</sup> / <sub>2</sub> " deep in the cement frame which is 2.2 feet wide which equates to about 136 inches of flow.				