



United States Department of the Interior

BUREAU OF RECLAMATION

Upper Colorado Region

Provo Projects Office

P.O. Box 51338

Provo, Utah 84605-1338

IN REPLY
REFER TO:

PRO-435
PRJ-23.00

SEP 10 1994

RECEIVED

SEP 21 1994

WATER RIGHTS
SALT LAKE

Robert L. Morgan P.E.
State Engineer
Division of Water Rights
1636 West North Temple, Suite 220
Salt Lake City UT 84116-3156

Subject: United States Geological Survey Gauging Stations - Provo River at Hailstone - Bonneville Unit - Central Utah Project, Utah (Your Letter of July 11, 1994)

Dear Bob:

We are responding to your July 11, 1994, letter regarding the difficulty the Provo River Commissioner is having in allocating Provo River flows to the Heber Valley Irrigator's based on the United States Geological Survey (USGS) gauging Station, Provo River at Hailstone.

On September 7, 1994, representatives of both Reclamation and the State Engineer's Office met with the USGS to discuss this problem. As the meeting progressed, it became apparent that the real issue is the timeliness of response to shifts in the river channel at the gauge during critical flow periods rather than the accuracy of the river gauge. USGS believes this problem would be substantially improved by more frequent current meter flow measurements during this critical period of the irrigation season. They are willing to make more frequent measurements if additional funding could be provided. Reclamation and others at the meeting, feel that this approach should provide the accuracy needed to properly allocate the Provo River Water.

We will meet with the Central Utah Water Conservancy District to discuss the funding for the additional flow measurements as proposed.

Sincerely,

Bruce C. Barrett
Projects Manager

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