

EXPLANATION

Well
26 Number is depth, in feet below land surface

(200)
R290
no. 76-496

09271500 Gaging station

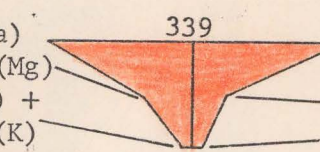
09271000 Stream-sampling site
174

Large number is downstream order number. Small number is data-site number in Hood, Mundorff, and Price (1976, table 15)

Chemical quality of water

4-12-74 Date of streamflow sample

Calcium (Ca)
Magnesium (Mg)
Sodium (Na) + potassium (K)



Bicarbonate (HCO₃) + carbonate (CO₃)
Sulfate (SO₄)
Chloride (Cl)

Milliequivalents per litre

Number above diagram is dissolved-solids concentration, in milligrams per litre; E, estimated from specific conductance

5
10
25
50
100

Concentration-scale code

Number indicates corresponding value of base scale, in milliequivalents per litre, of individual diagram

Line showing boundary of valley fill
Dashed where approximate; solid, after Kinney (1955, pl. 1)

CONVERSIONS UNITS

Feet	Metres
15	4.5
16	4.8
20	6.0
23	7.0
26	7.9
28	8.5
35	10.6
56	17.0
60	18.2

Base from U.S. Geological Survey 7½-minute topographic quadrangles: Vernal NE, 1964; Vernal SE, 1964; Naples, 1965; and Rasmussen Hollow, 1965

Hydrology by J. W. Hood, 1974-75

Figure 7.--Chemical quality of water in Ashley Creek and Steinaker Reservoir and of ground water in the main part of Ashley Valley.