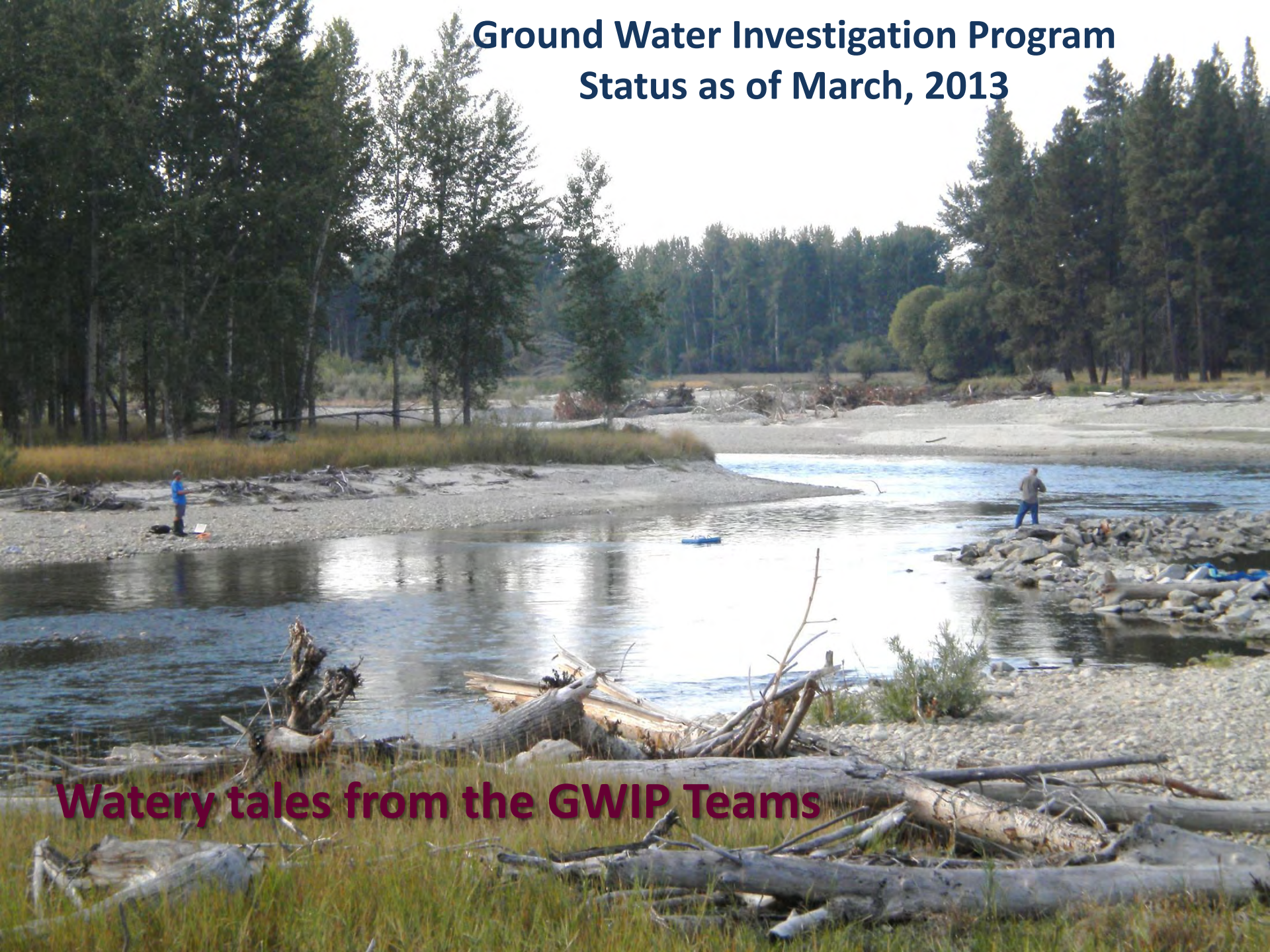


Ground Water Investigation Program Status as of March, 2013



Watery tales from the GWIP Teams

Ground Water Investigation Program (GWIP)

Stevensville



Objective: Evaluate the feasibility of replacing surface water diversions with groundwater diversions, especially the East Channel diversion.





Photo by Todd Myse




Photo by Ginnette Abdo

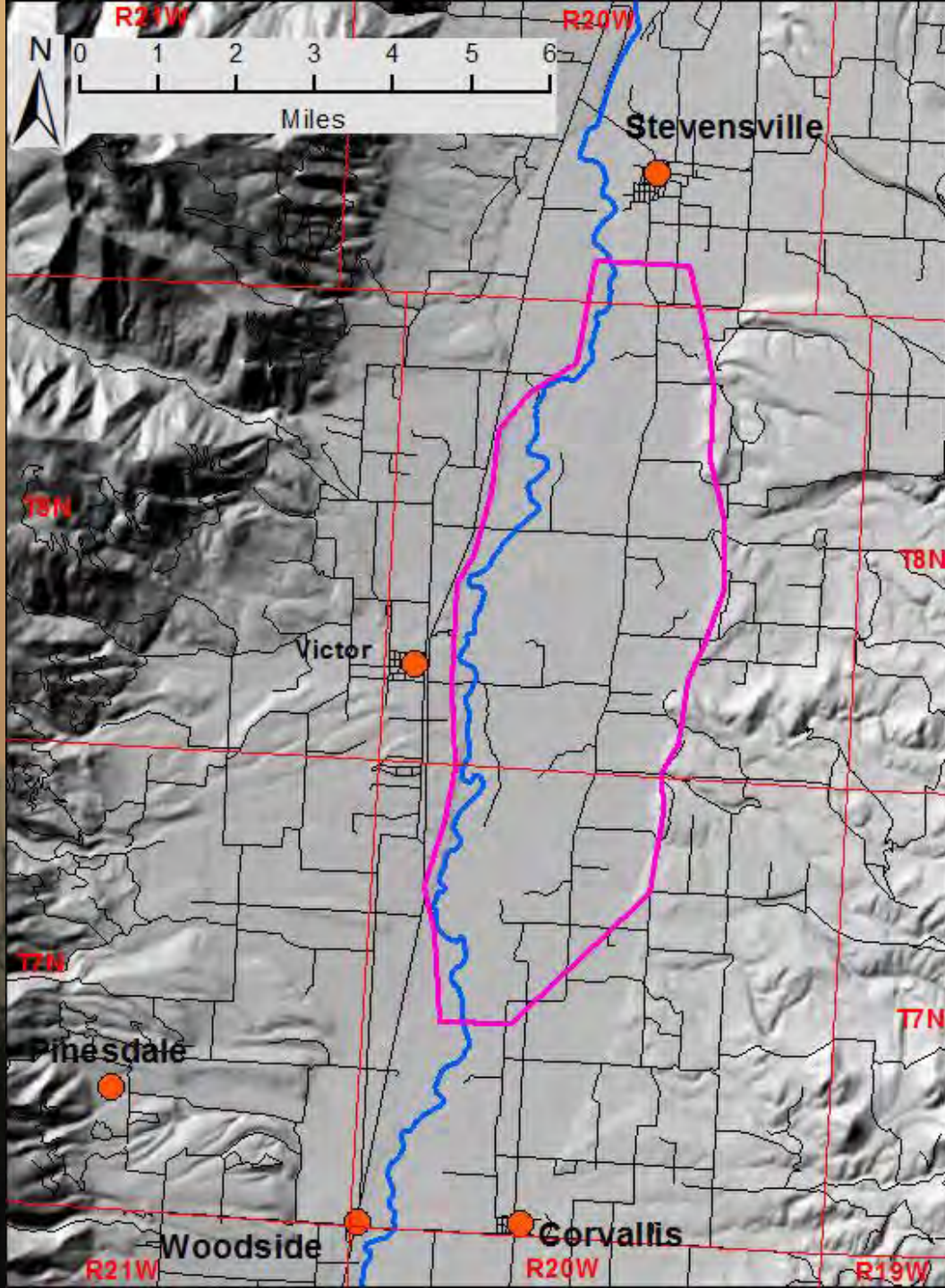


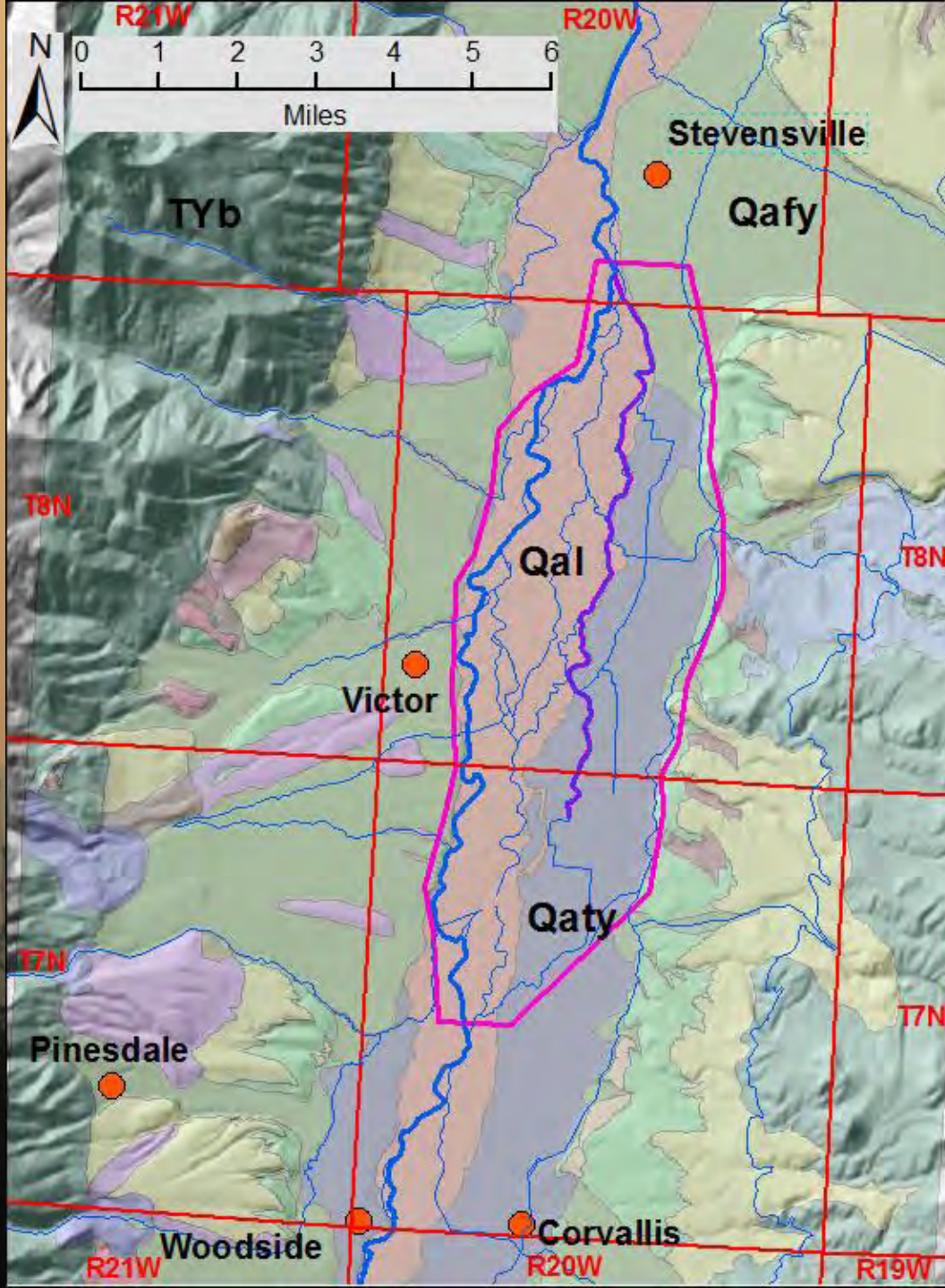


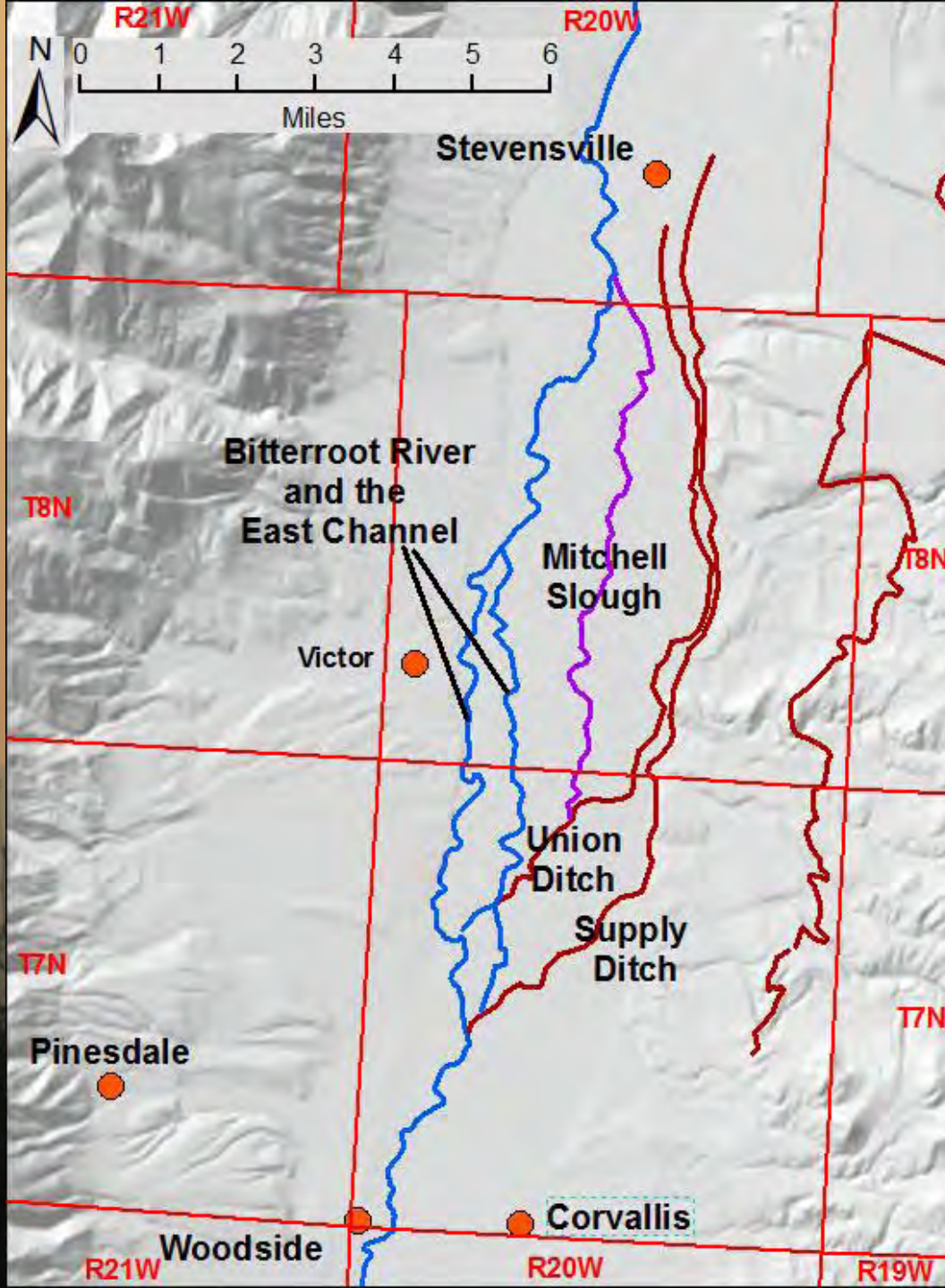


Photo by Ginette Abdo

- 
- INTRODUCTION TO THE AREA
 - THE ISSUE
 - CONCEPTUAL MODEL
 - Simple aquifer geometry
 - Hydrologic conditions (surface water and groundwater)
 - Water quality data

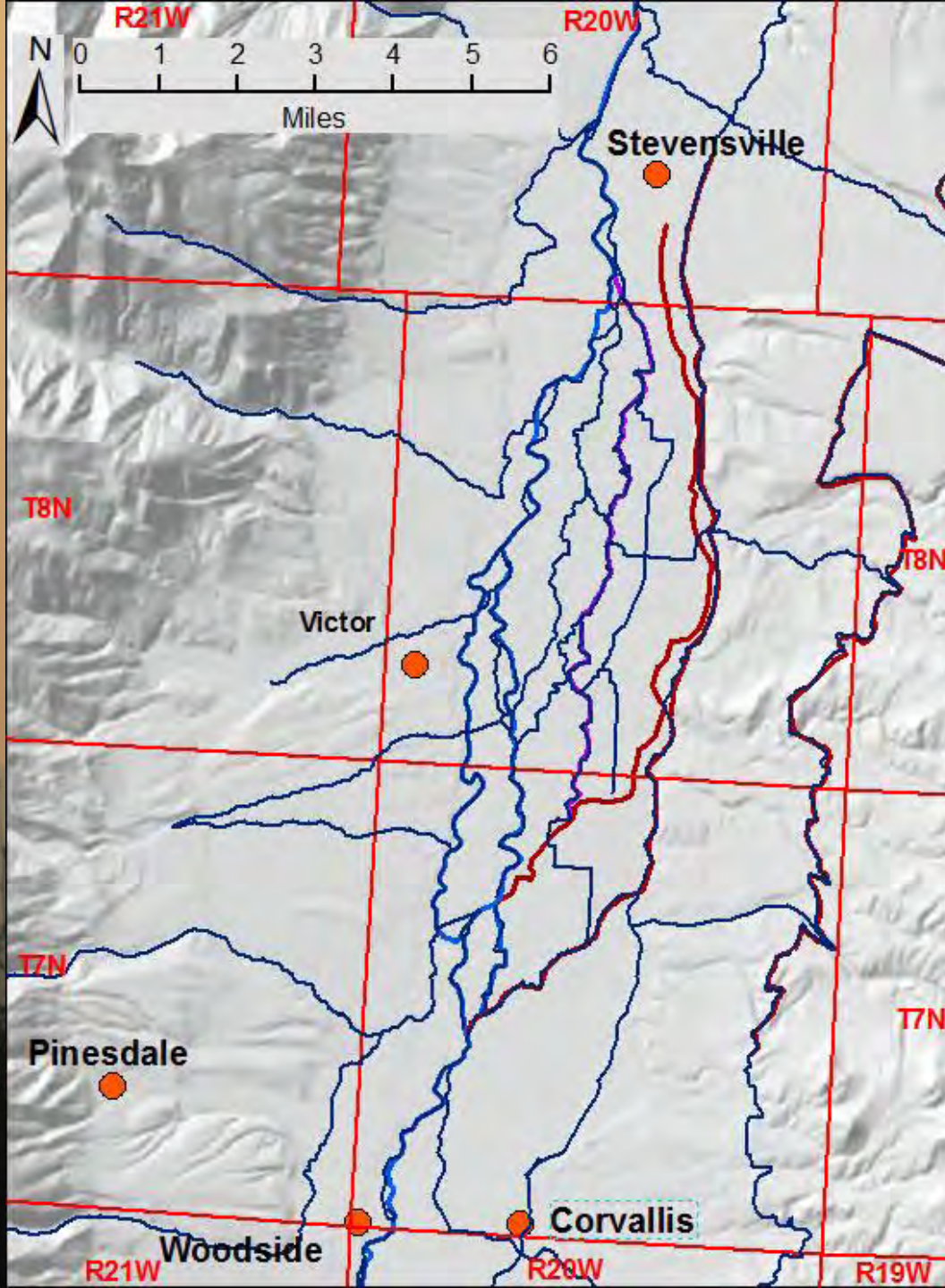


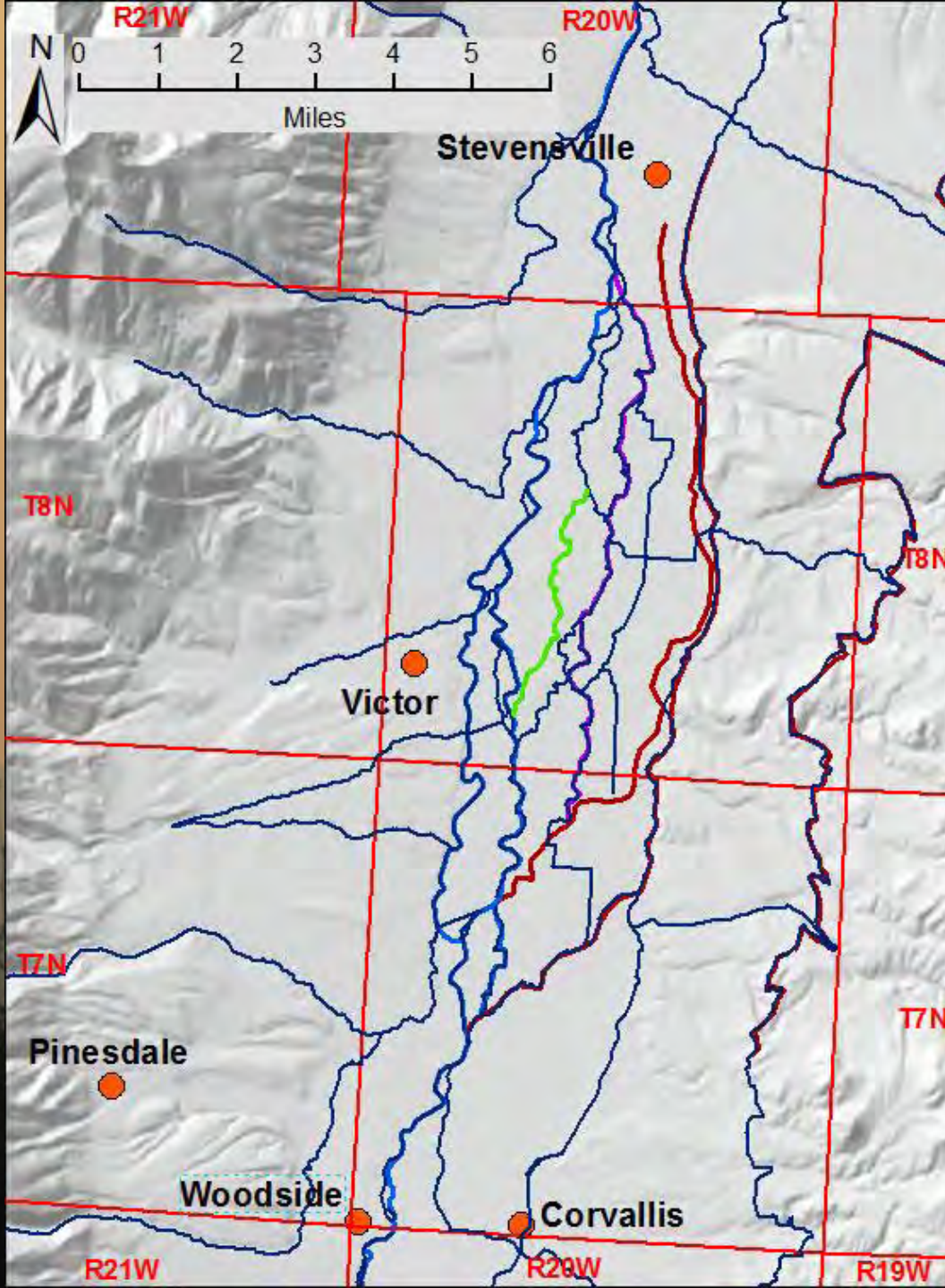


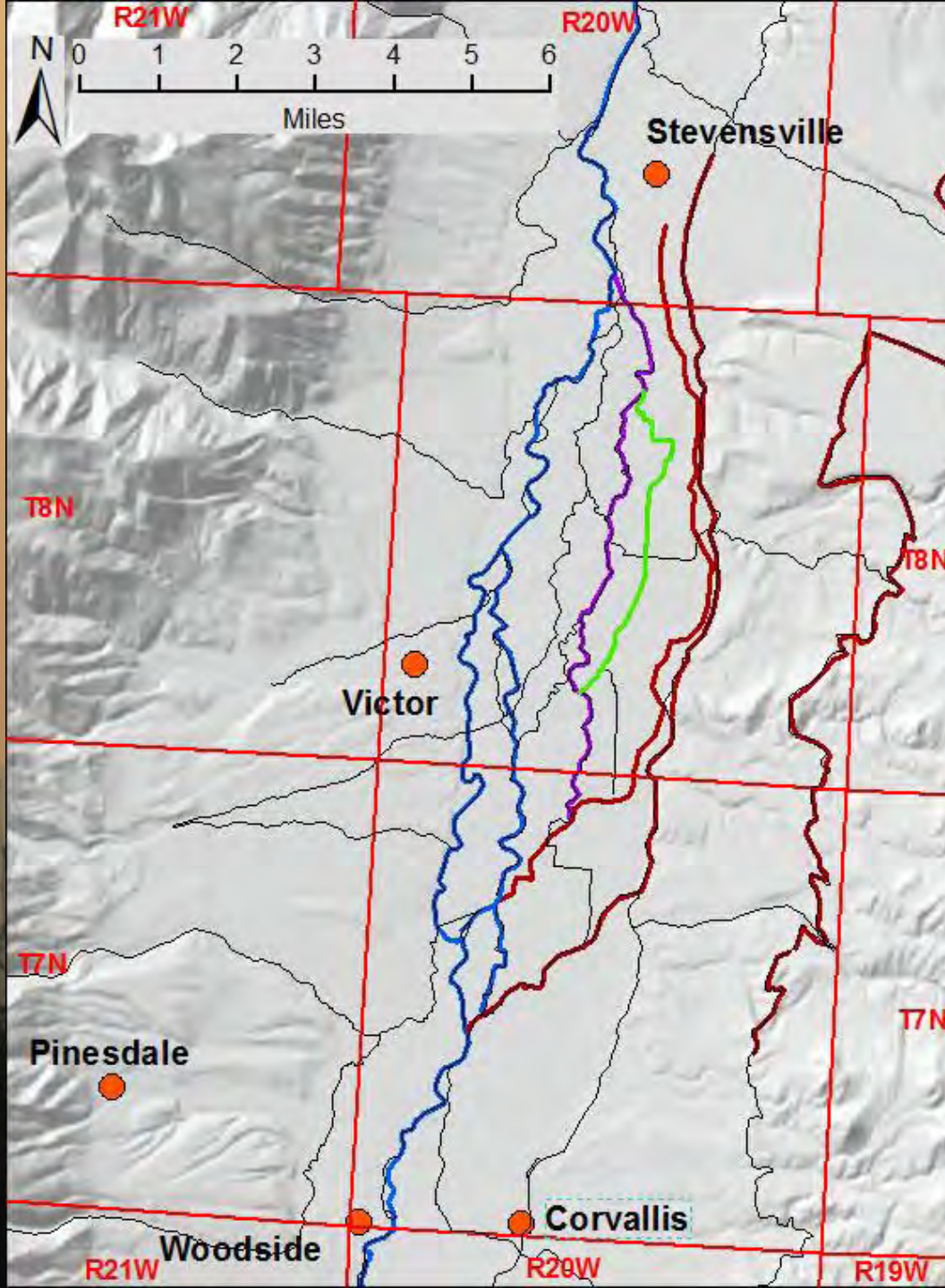


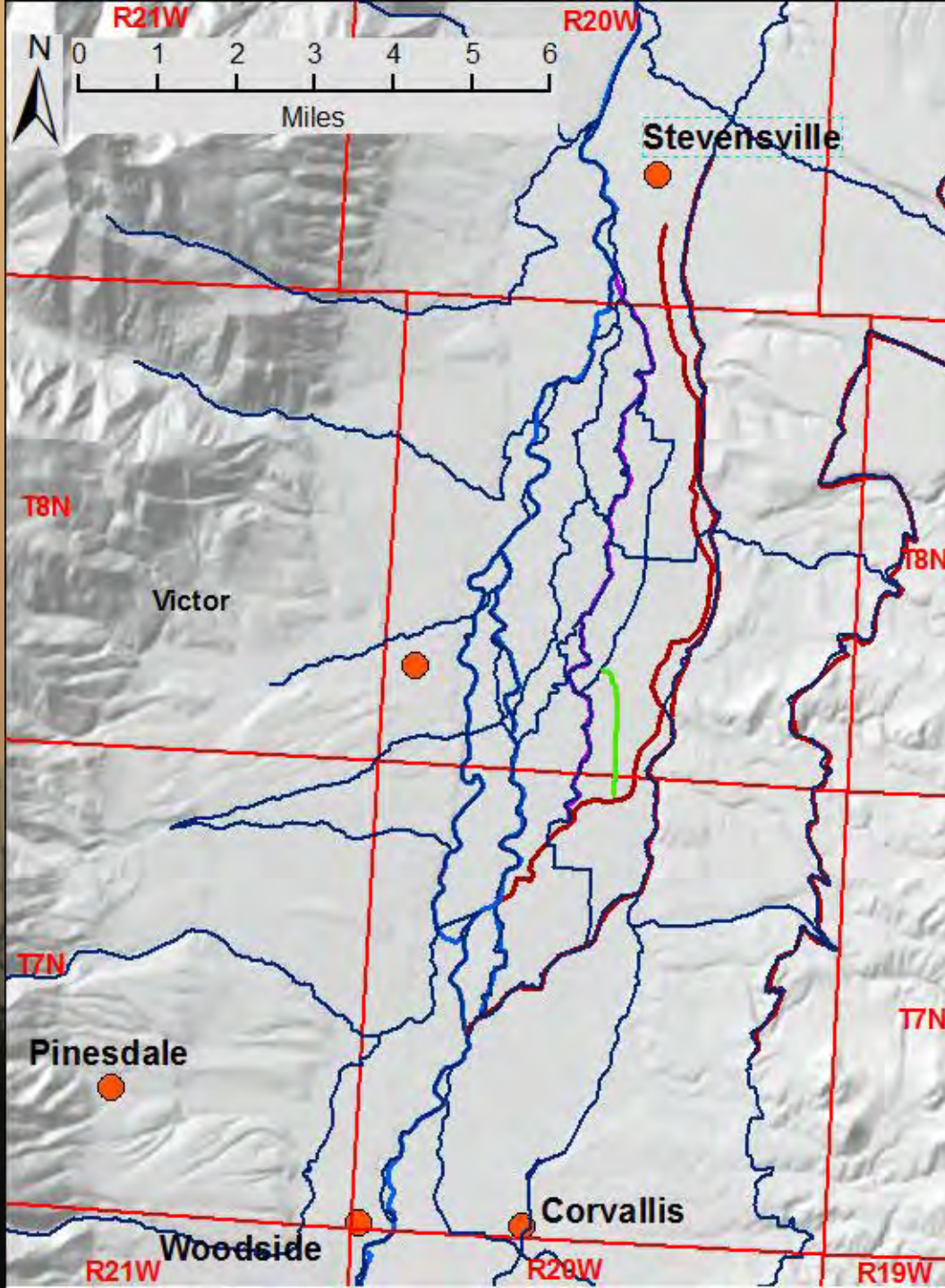


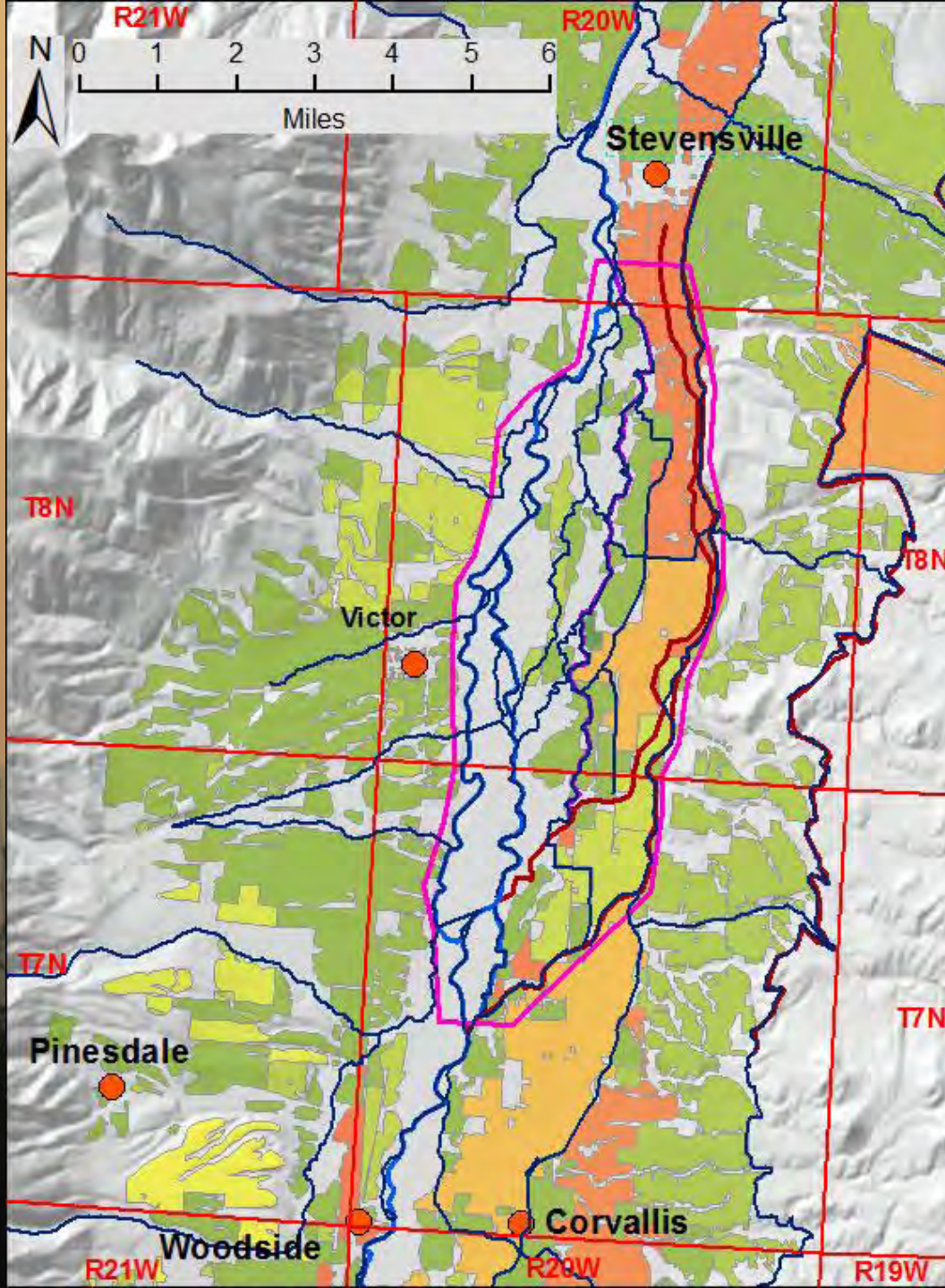


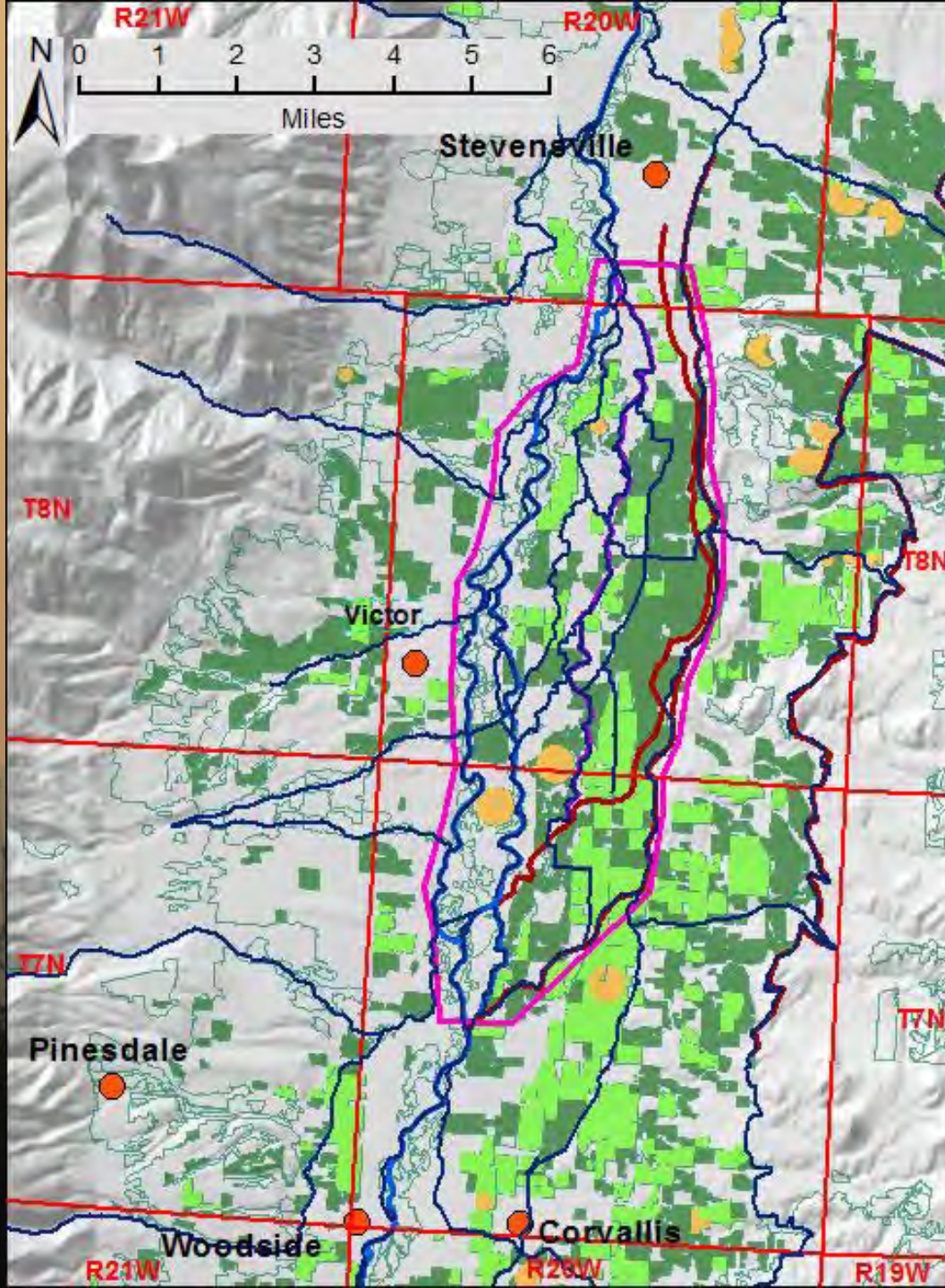


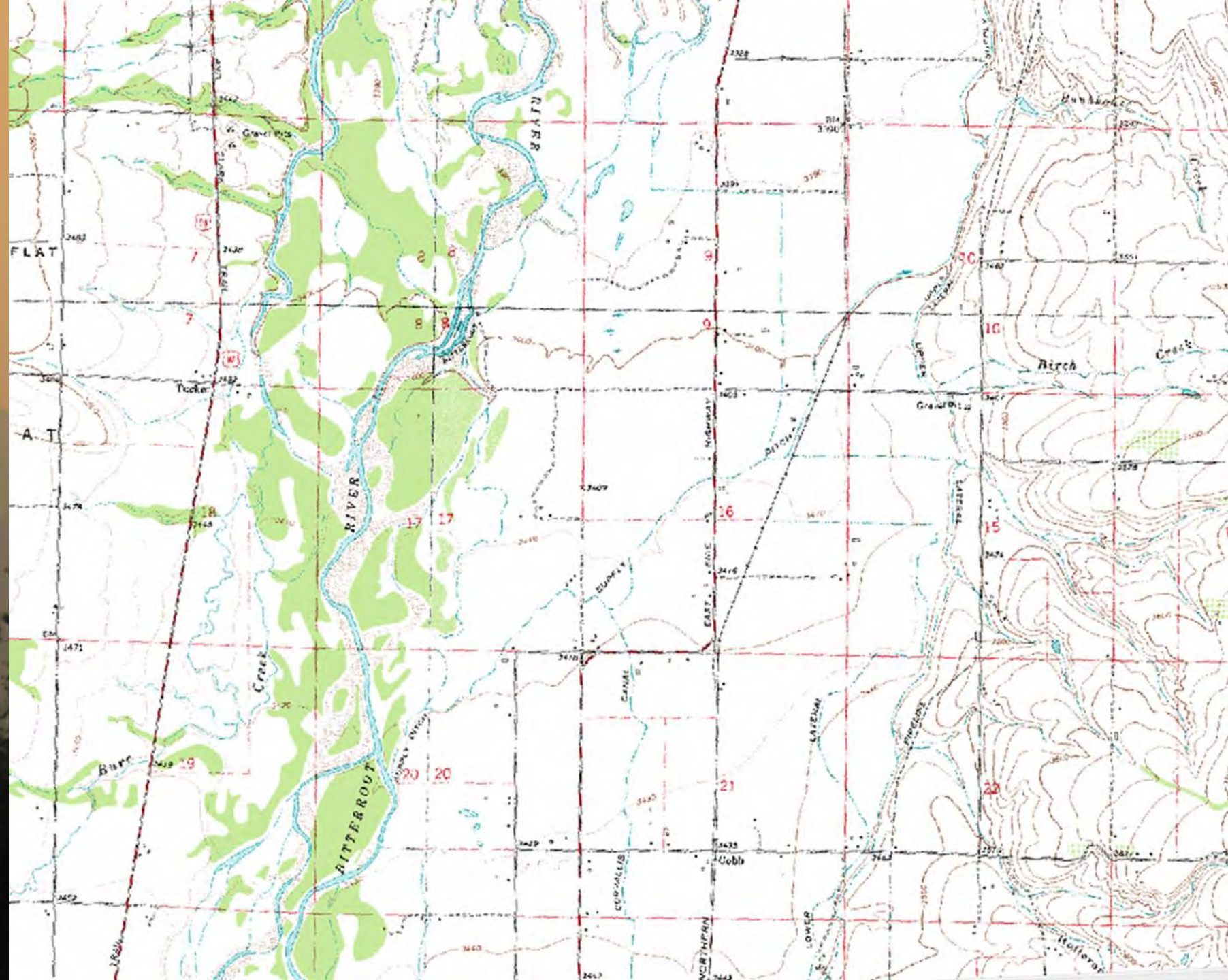














Eastside Hwy

93

Image U.S. Geological Survey

© 2012 Google



Google earth

46°21'51.78" N 114°07'37.42" W elev 3414 ft

Eye alt 35138 ft

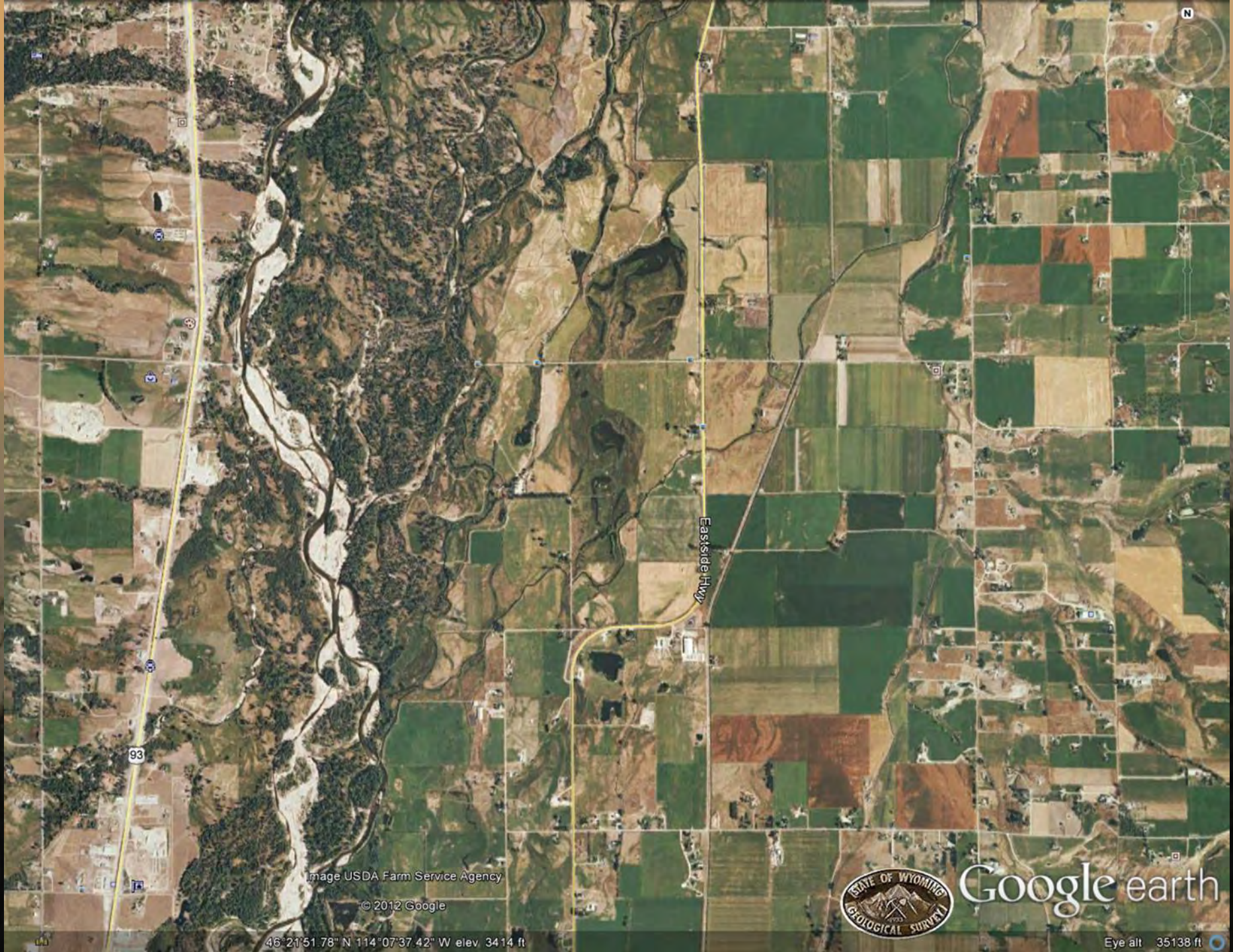


Image USDA Farm Service Agency

© 2012 Google

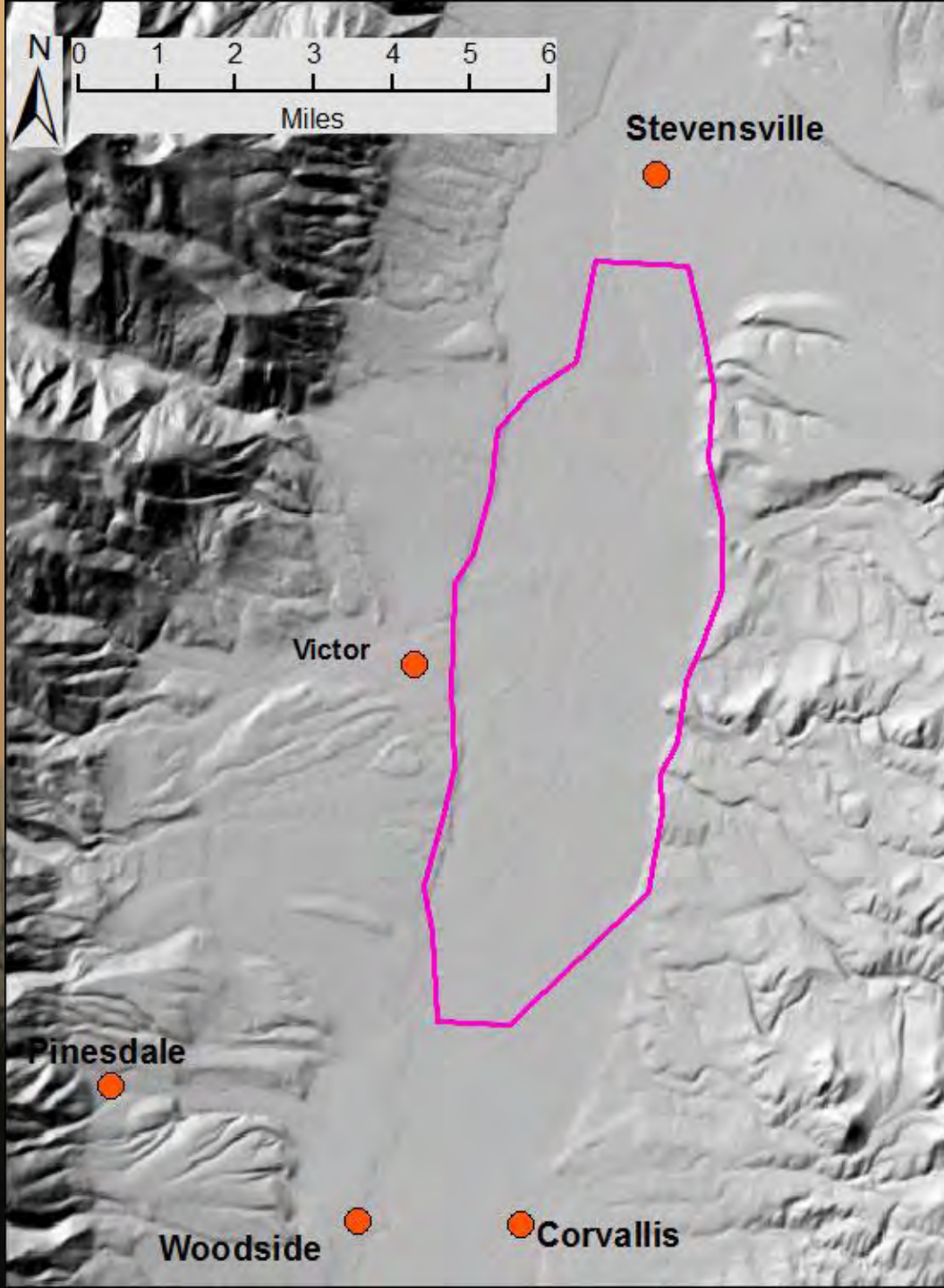
46°21'51.78" N 114°07'37.42" W elev. 3414 ft

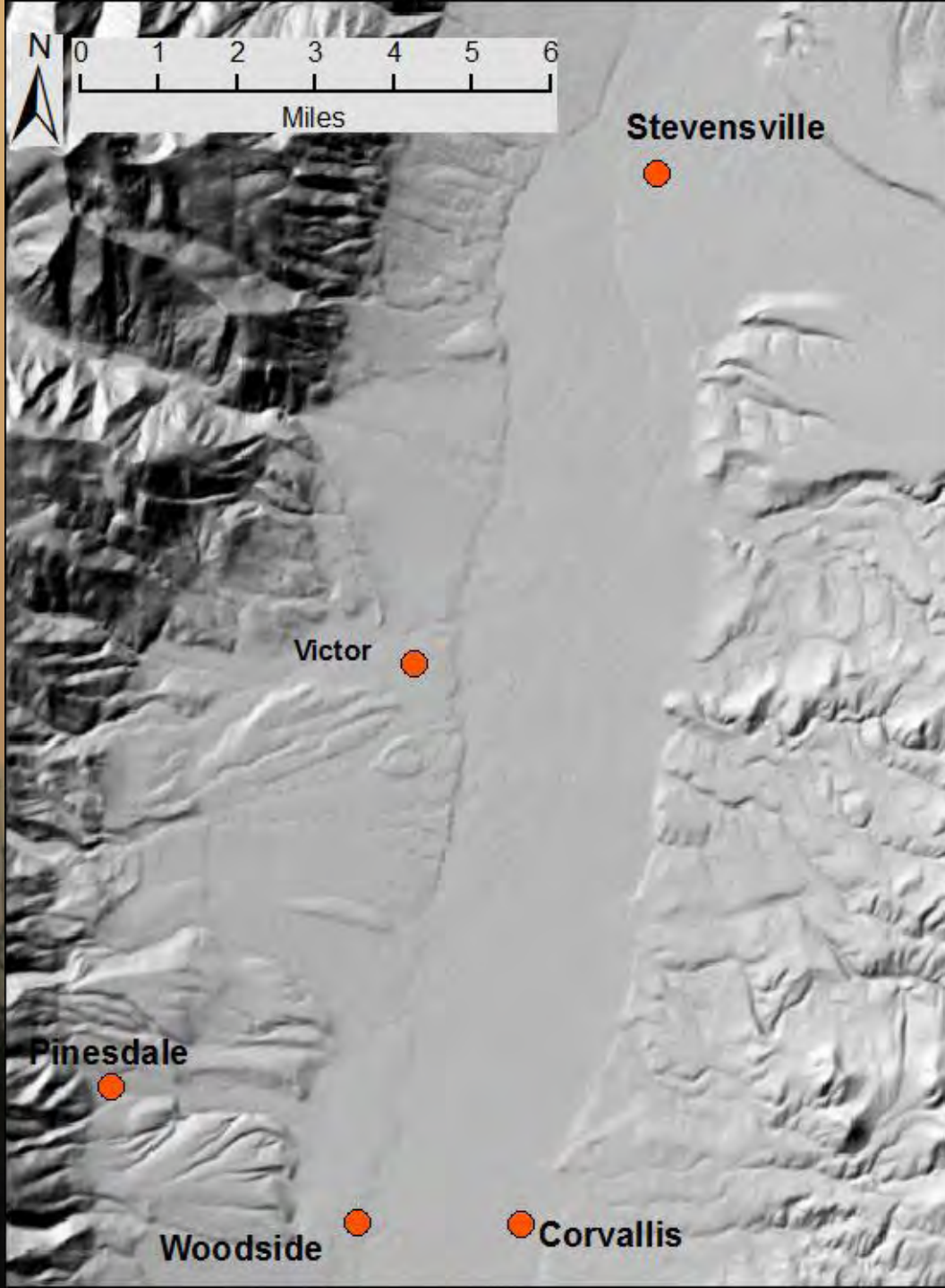


Google earth

Eye alt 35138 ft

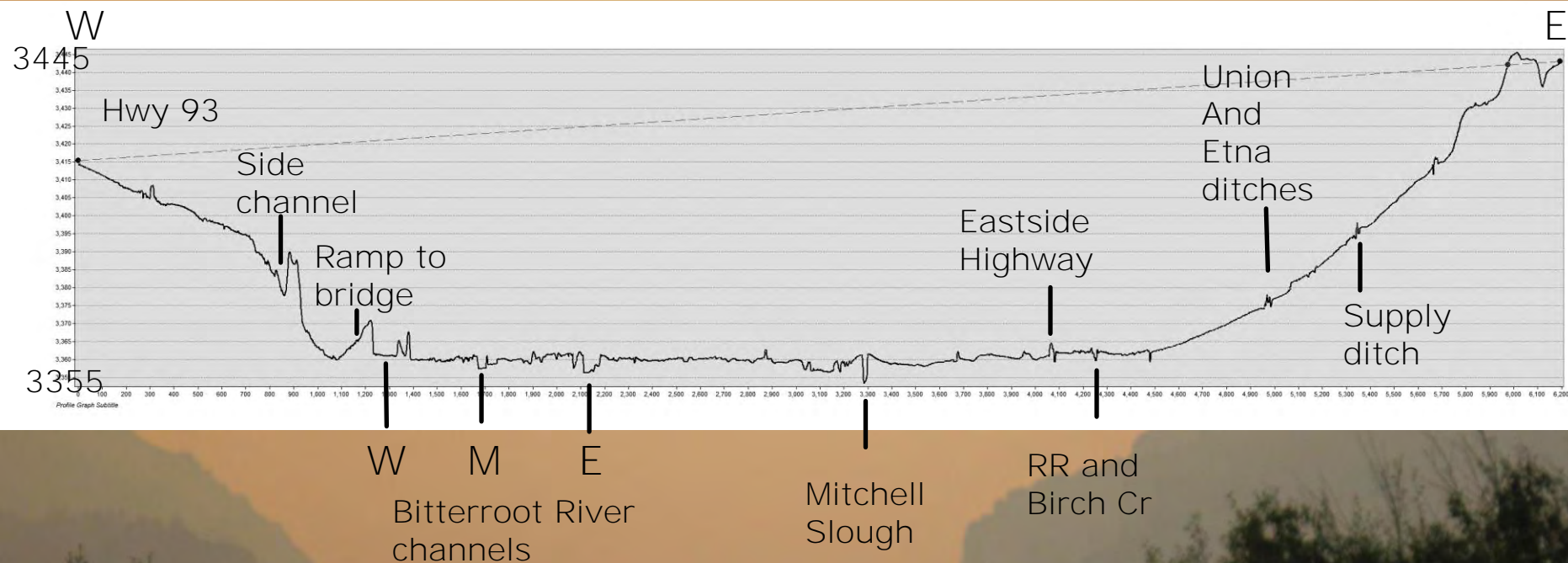


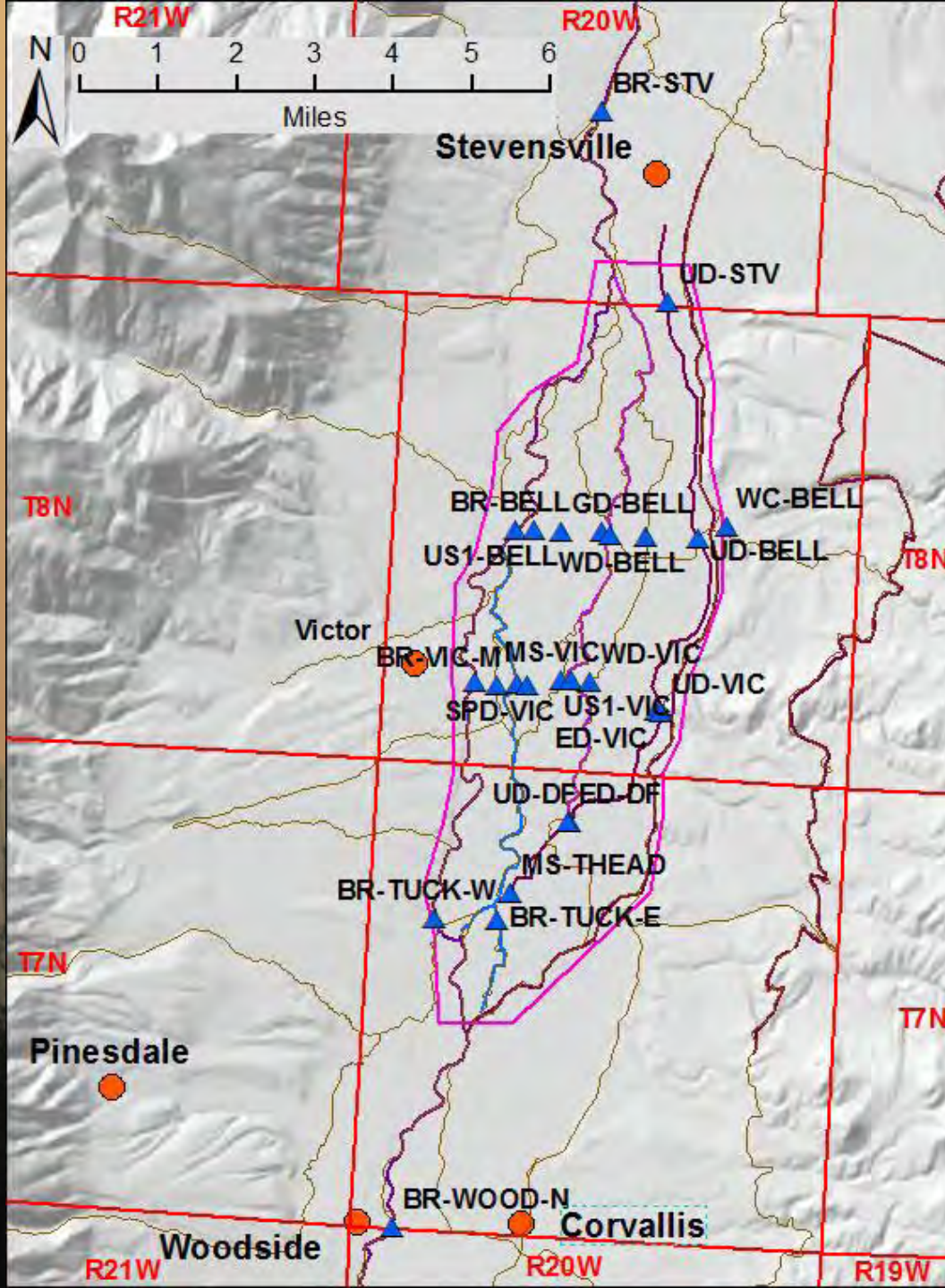


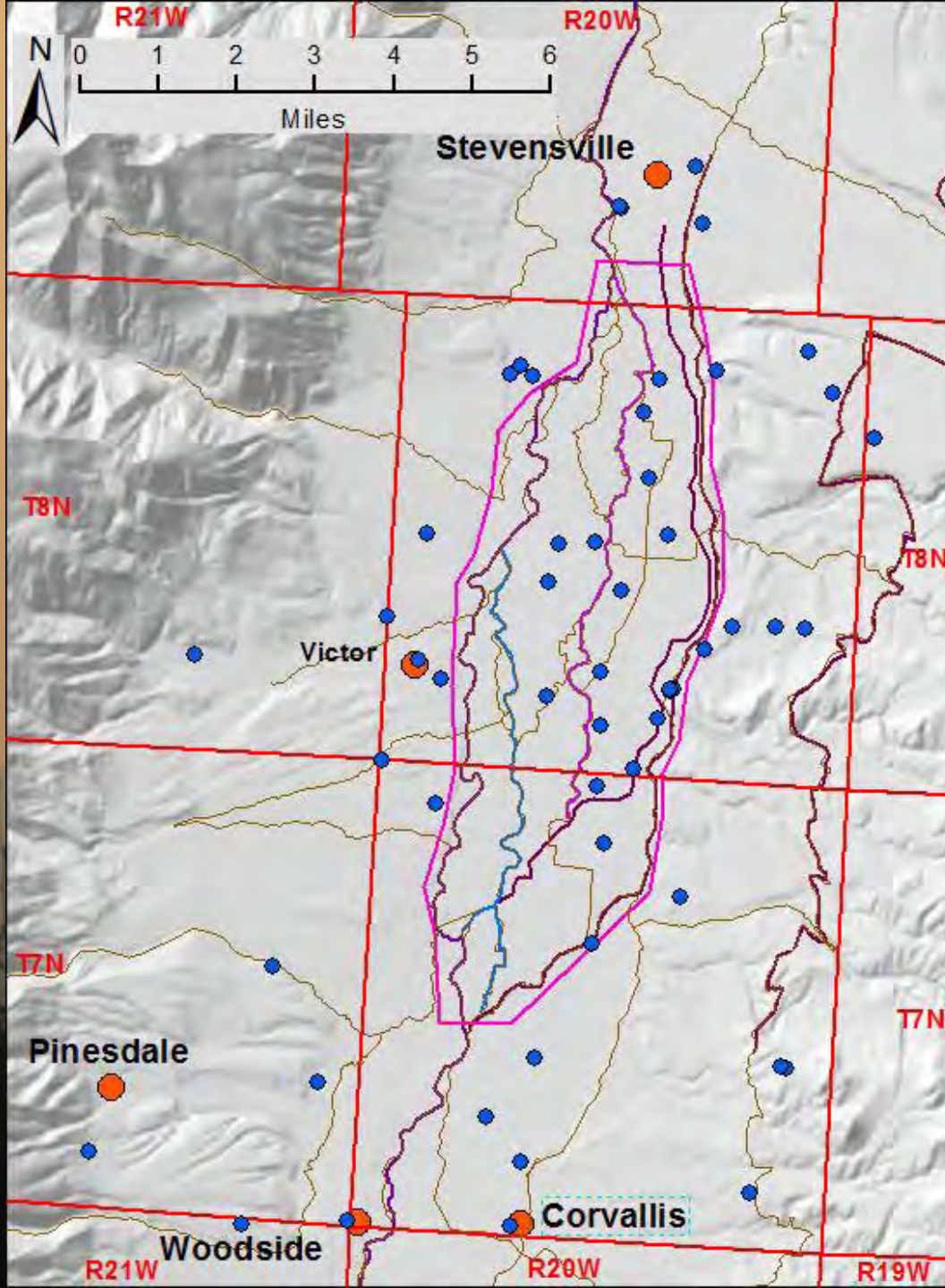




PROFILE VIEW OF LIDAR DATA @ VICTOR CROSSING



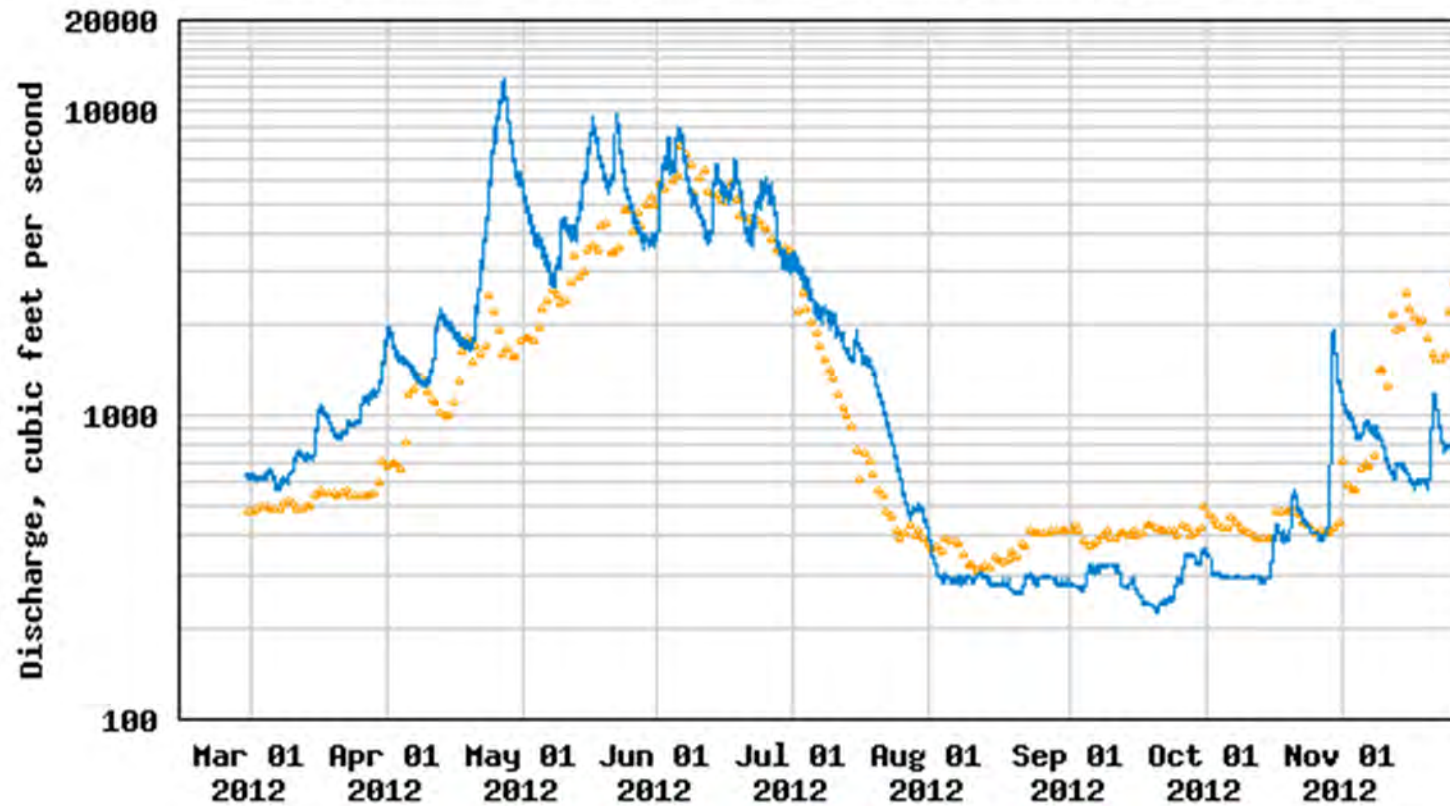




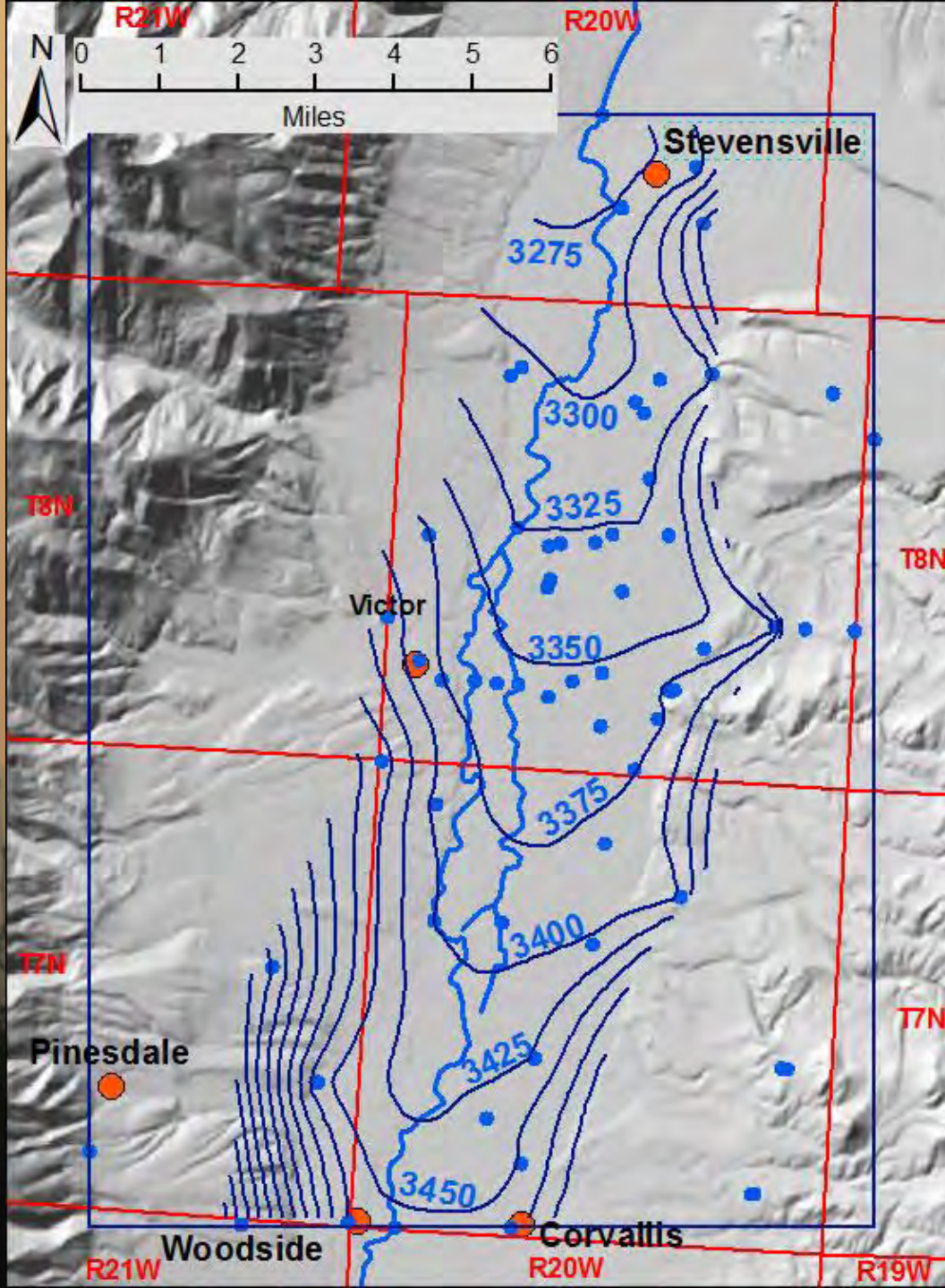
Discharge, cubic feet per second

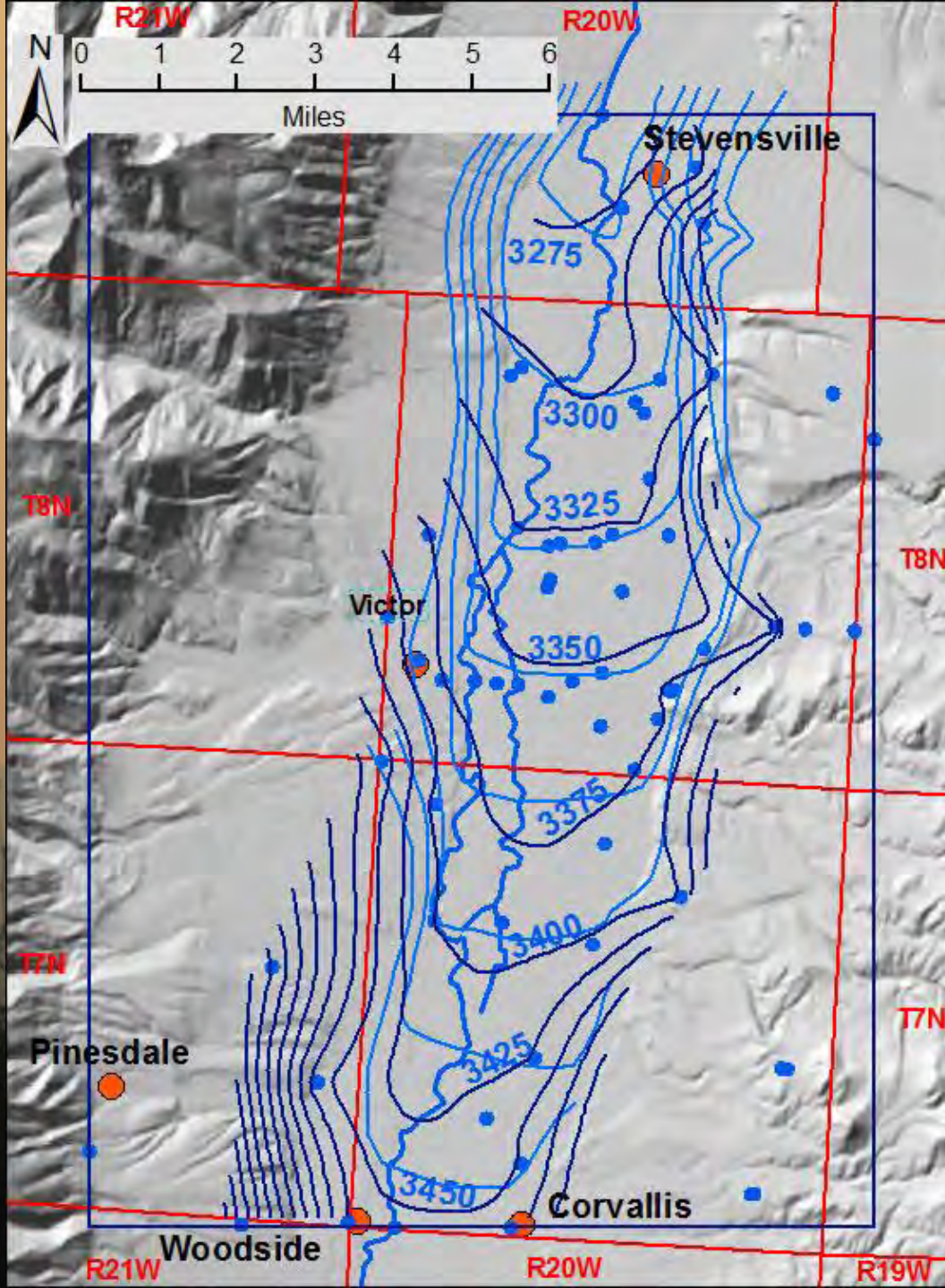
Most recent instantaneous value: 745 11-26-2012 08:45 MST

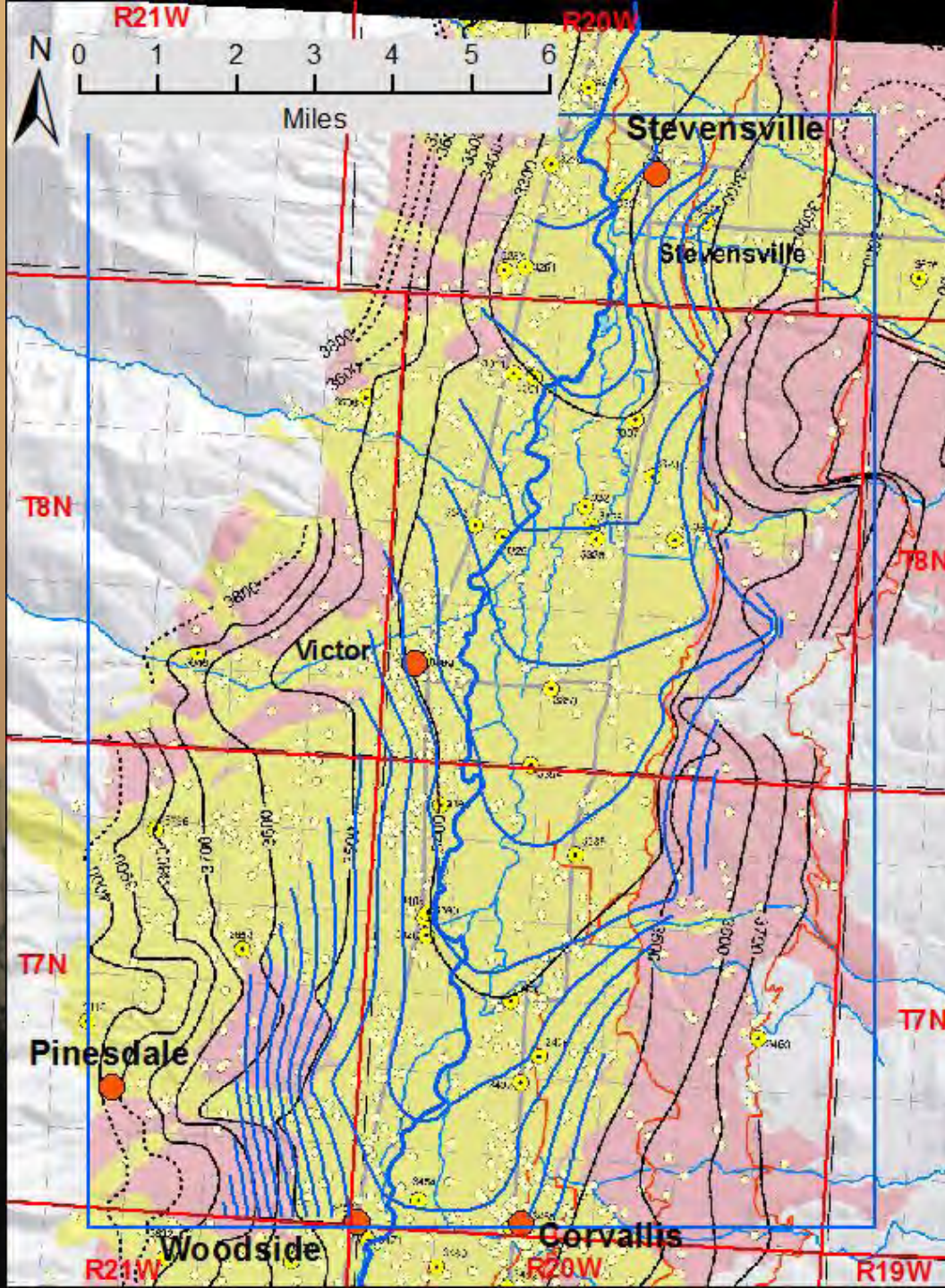
USGS 12350250 Bitterroot River at Bell Crossing nr Victor MT

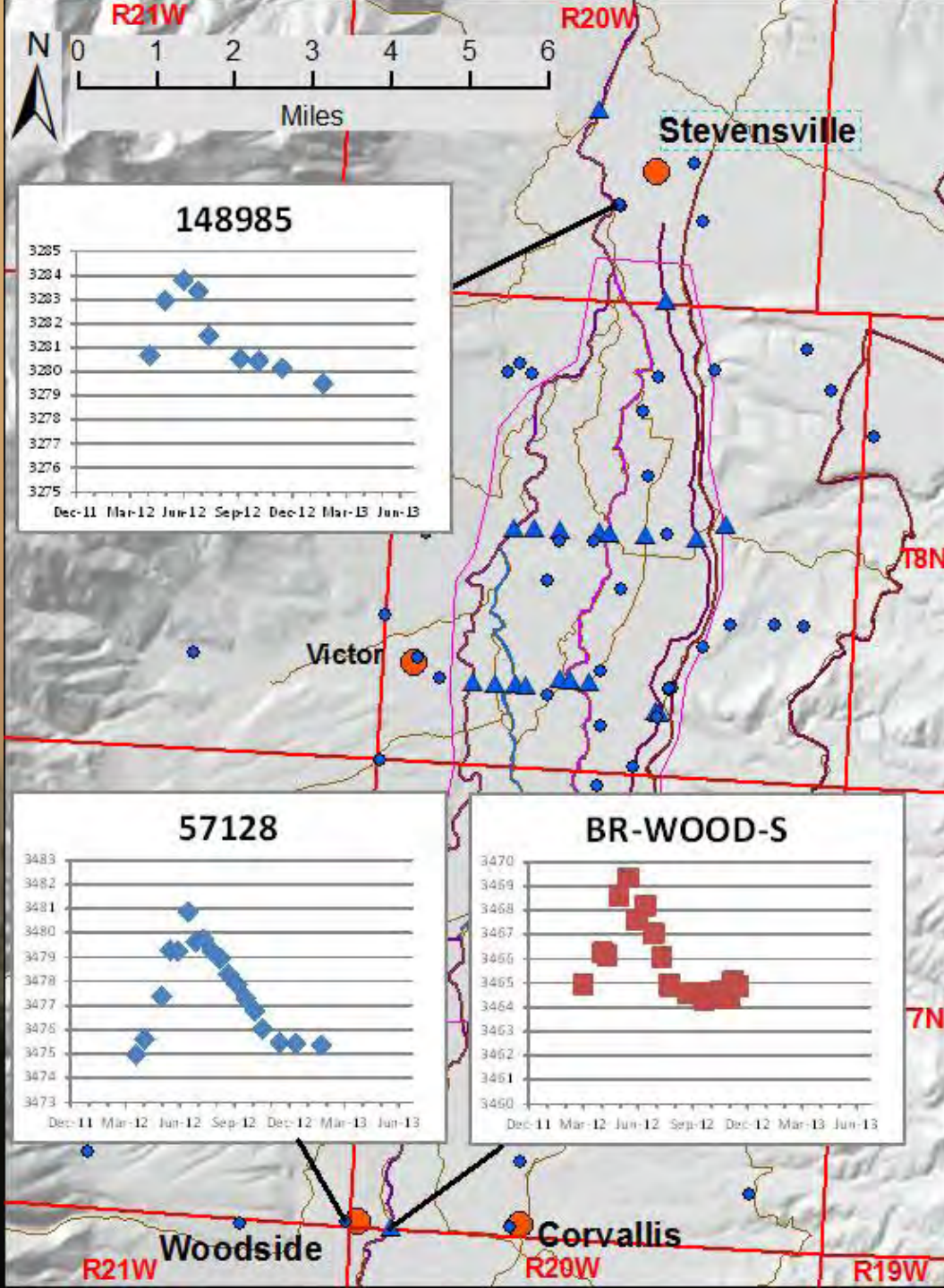


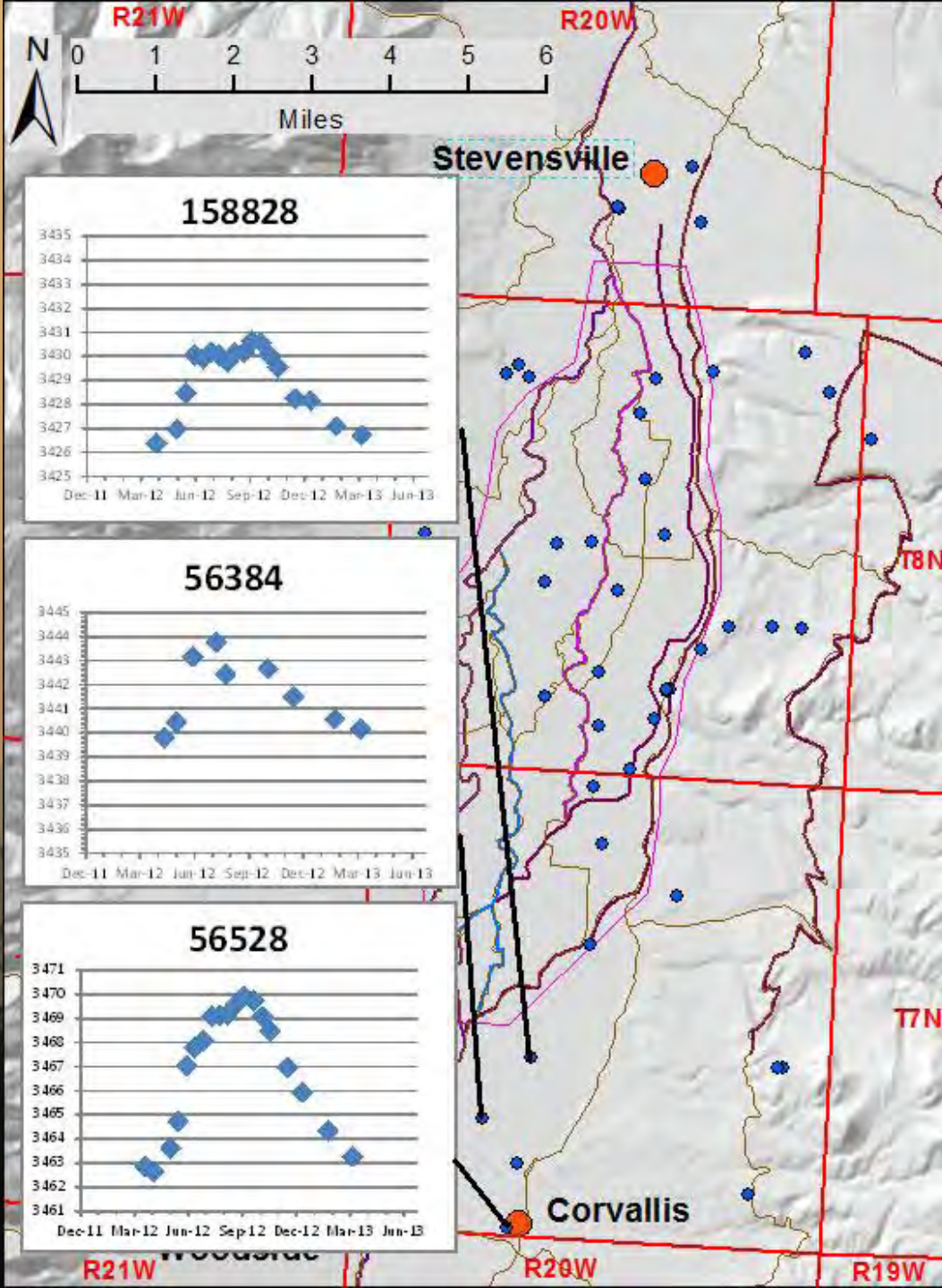
---- Provisional Data Subject to Revision ----

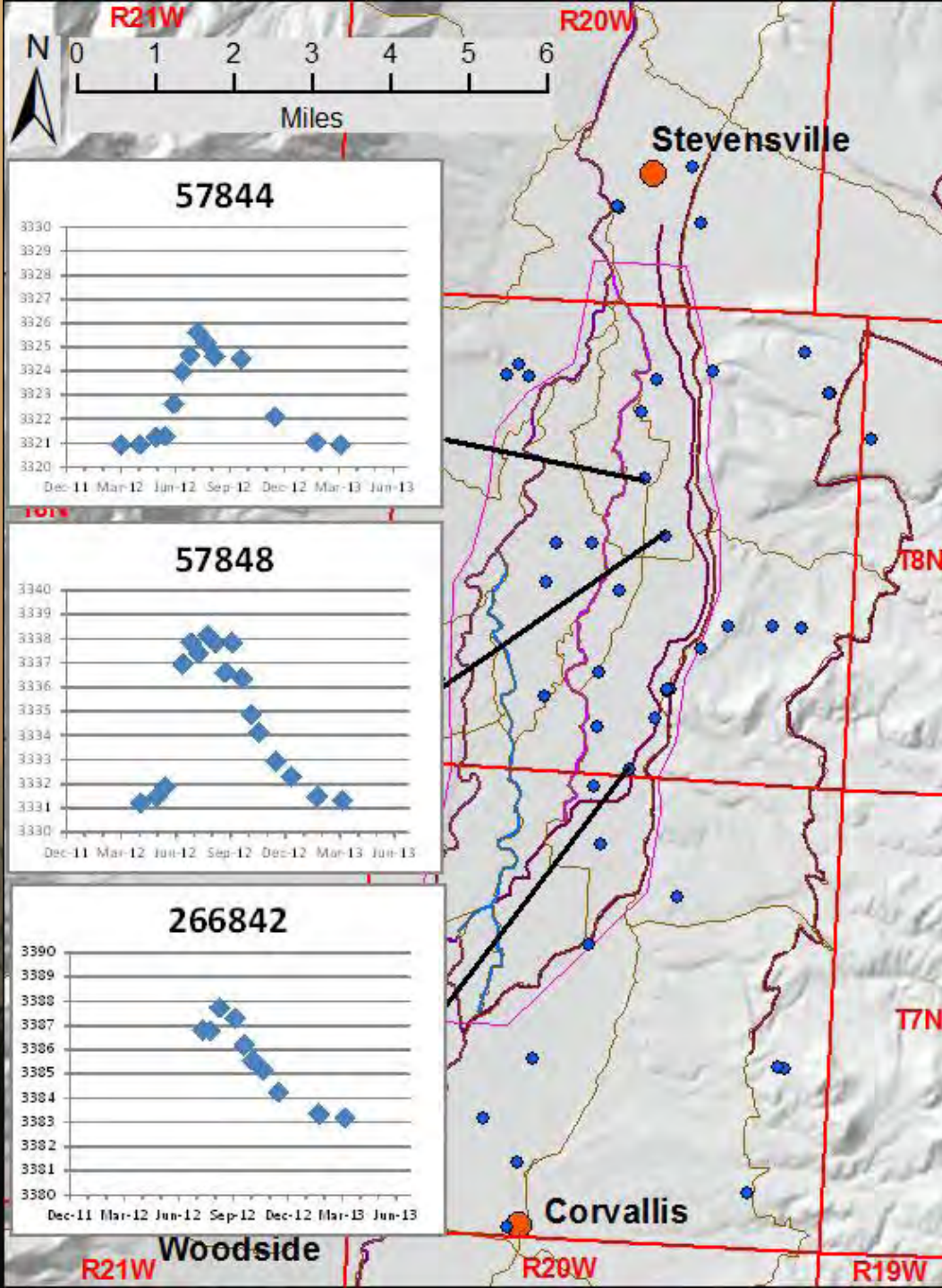


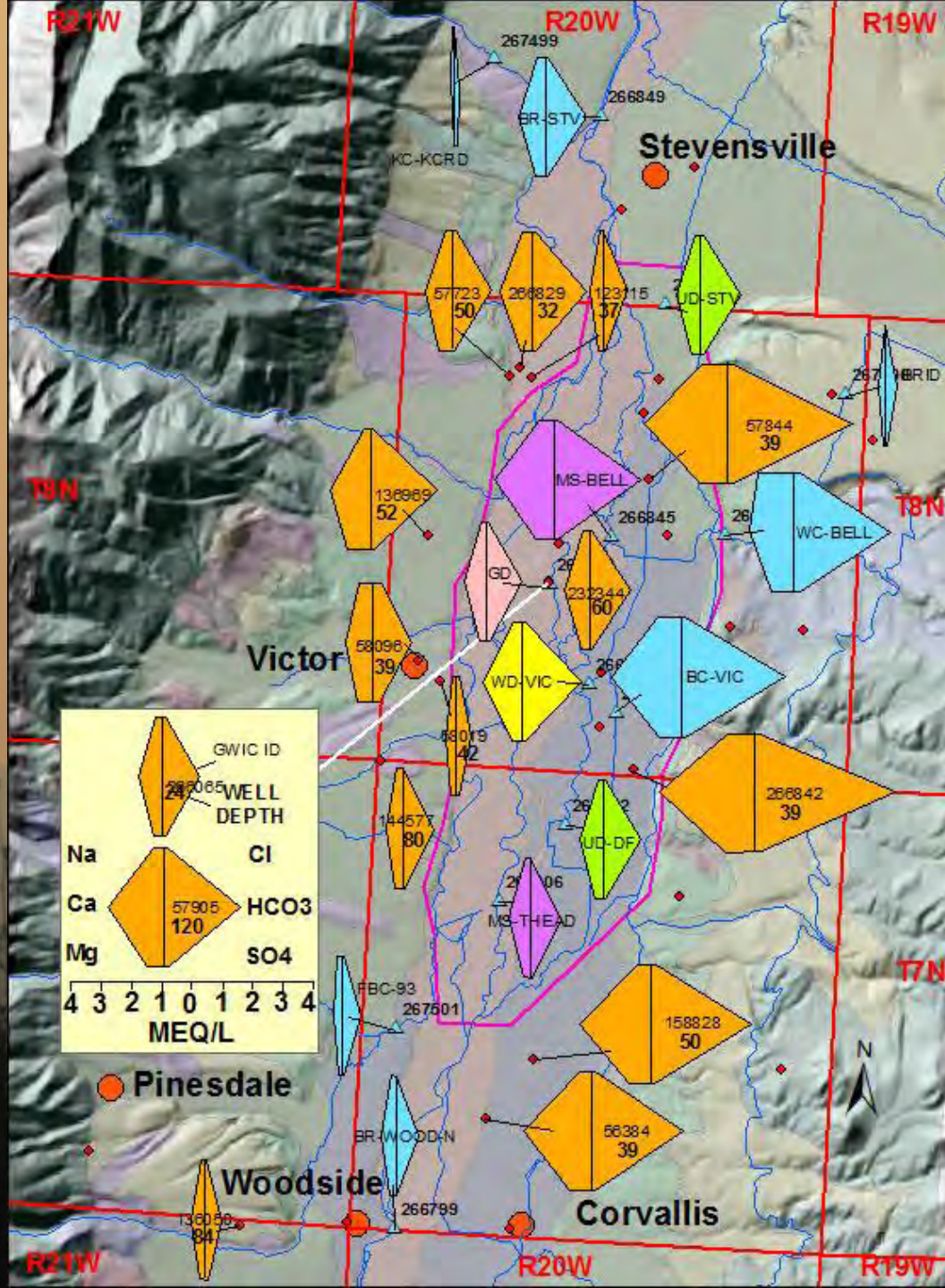






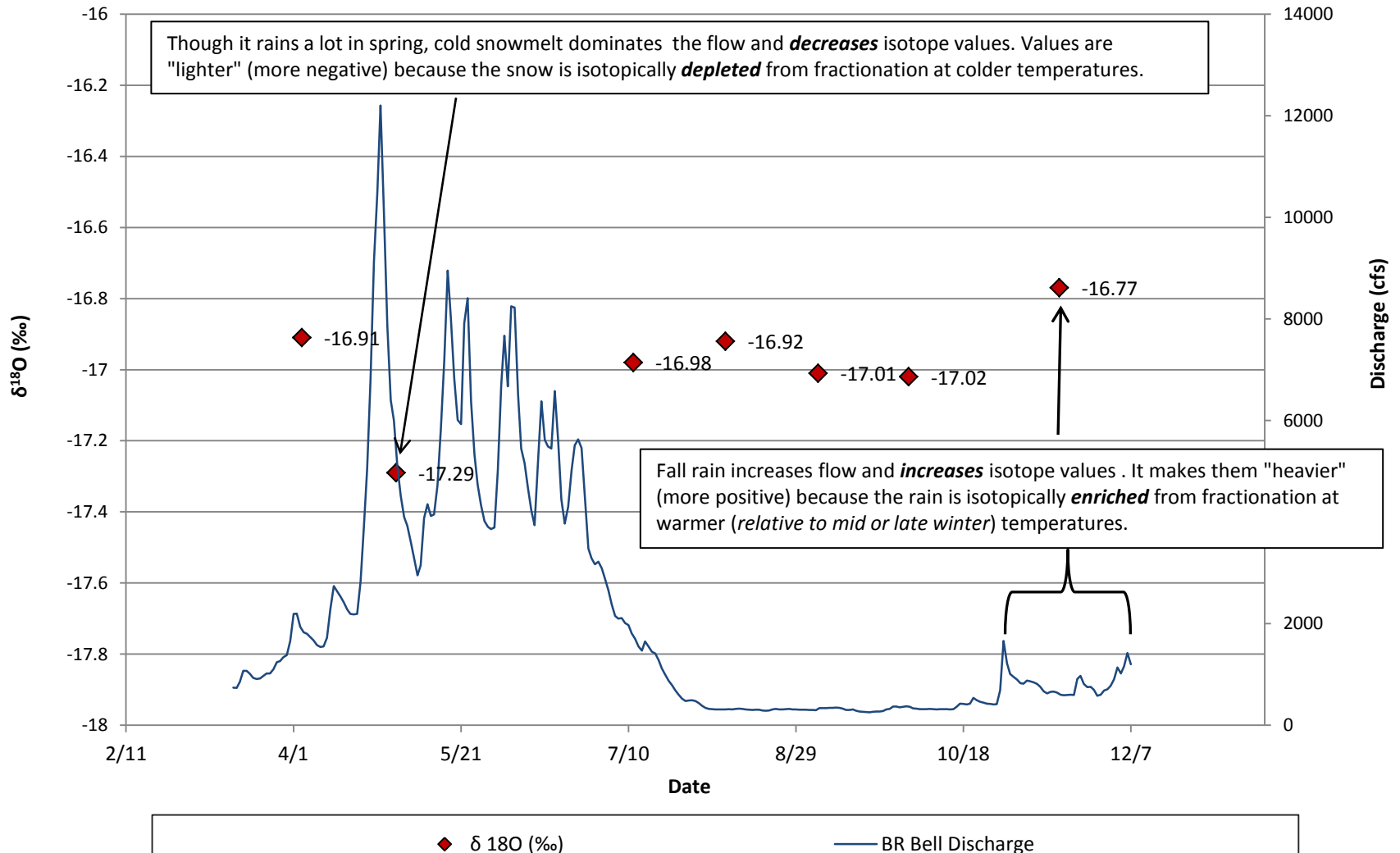






Seasonality: $\delta^{18}\text{O}$ vs. Flow

BR-BELL



Bitterroot Valley North-South Spatial and Temporal Trends

