

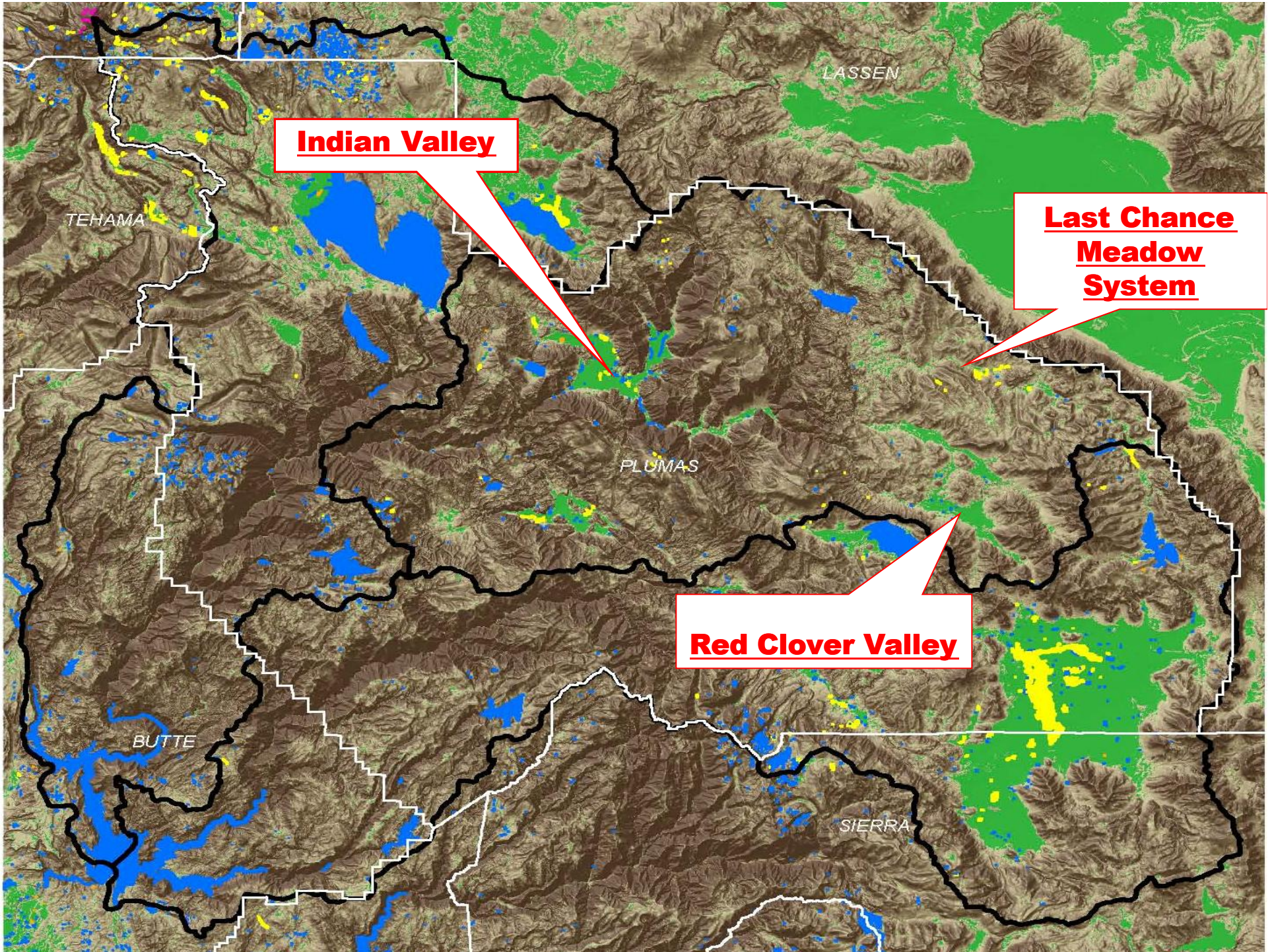
**Sierra Nevada Meadow Enhancement
Efforts, Water Rights & Understanding
Stakeholder Concerns**

**Overview of Meadow Restoration Hydrology
and Streamflow Monitoring**

February 3, 2011

**Plumas-Sierra Fairgrounds
Quincy, Ca.**

www.feather-river-crm.org/meetings



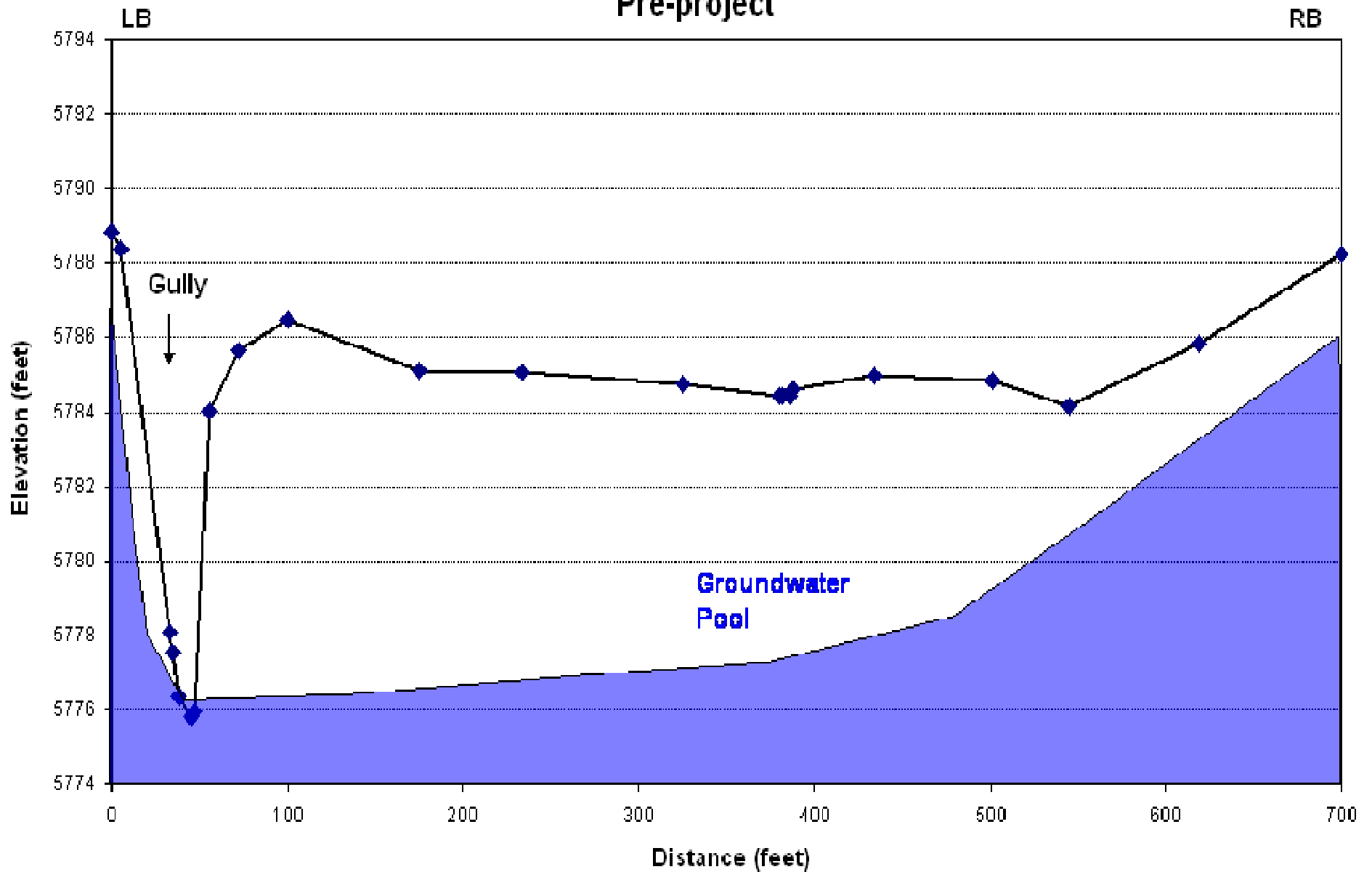


**Big Flat, pre-project, June, 1995
(view from south)**

Cottonwood Creek, Big Flat, 1993



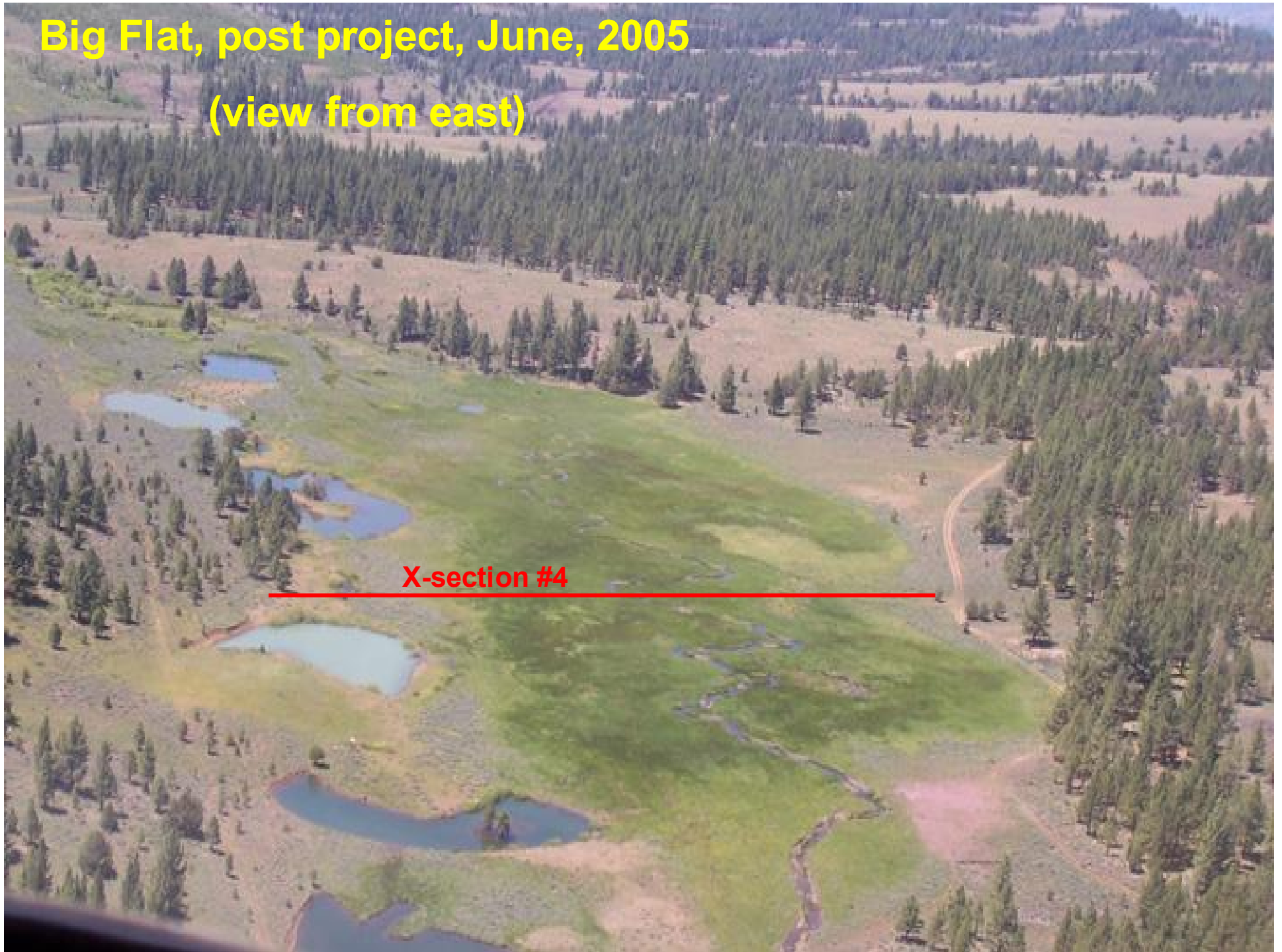
Big Flat Cross-section #4 Pre-project



Big Flat, post project, June, 2005

(view from east)

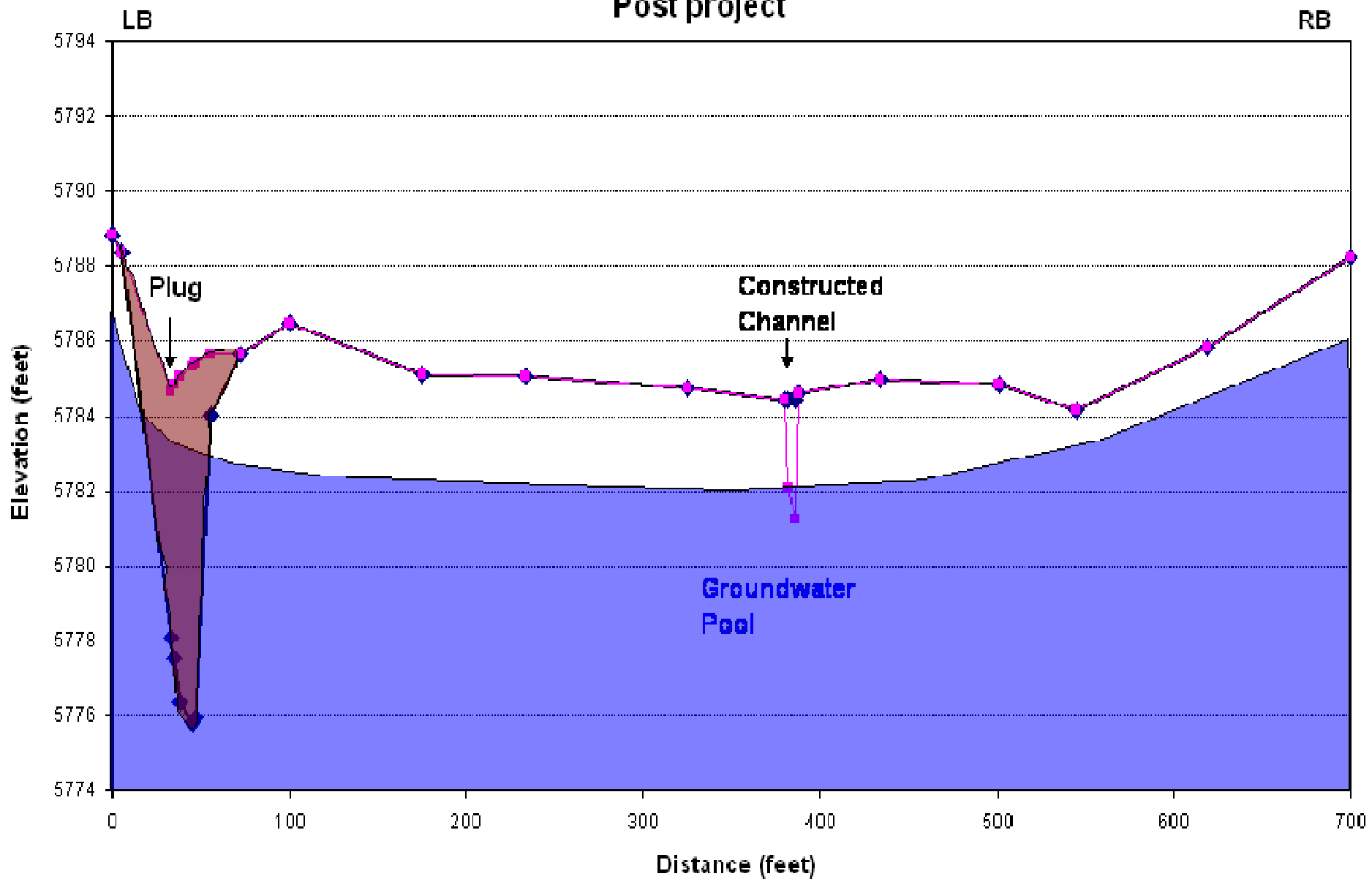
X-section #4



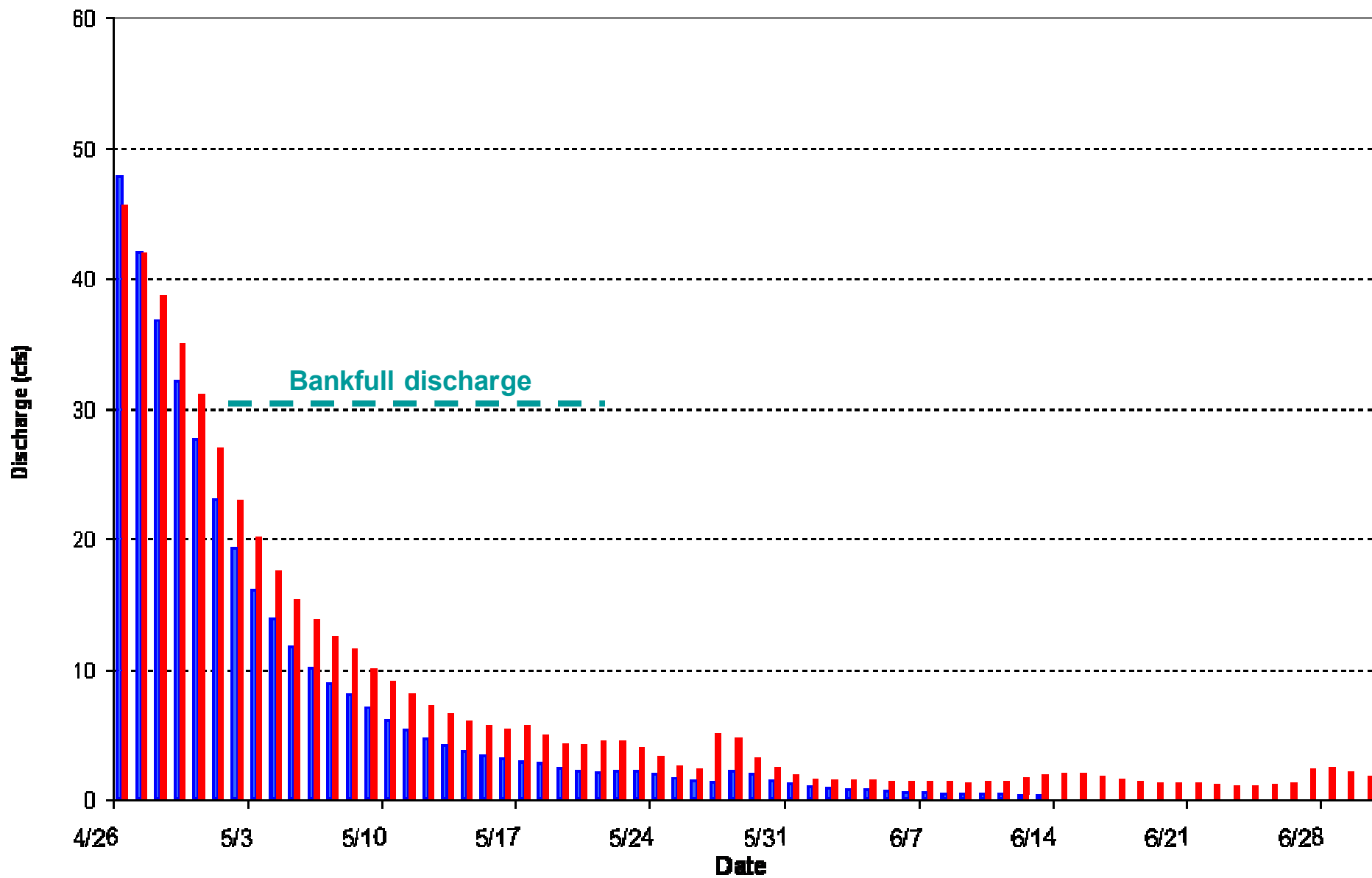
Cottonwood Creek, Big Flat, 2006



Big Flat Cross-section #4 Post project

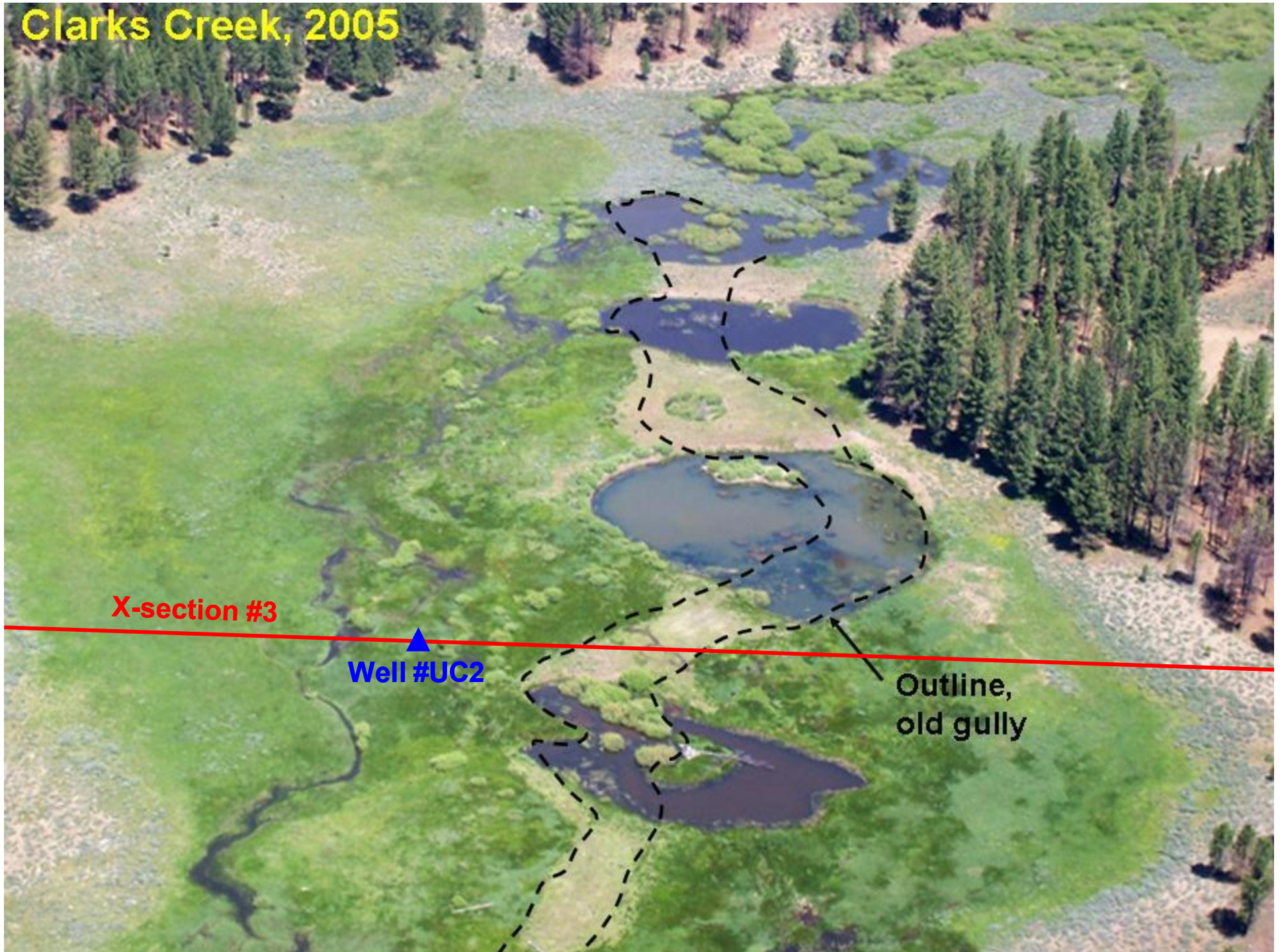


Big Flat Discharge, WY 2006 Spring Recession



■ Above Big Flat ■ Below Big Flat

Clarks Creek, 2005



X-section #3

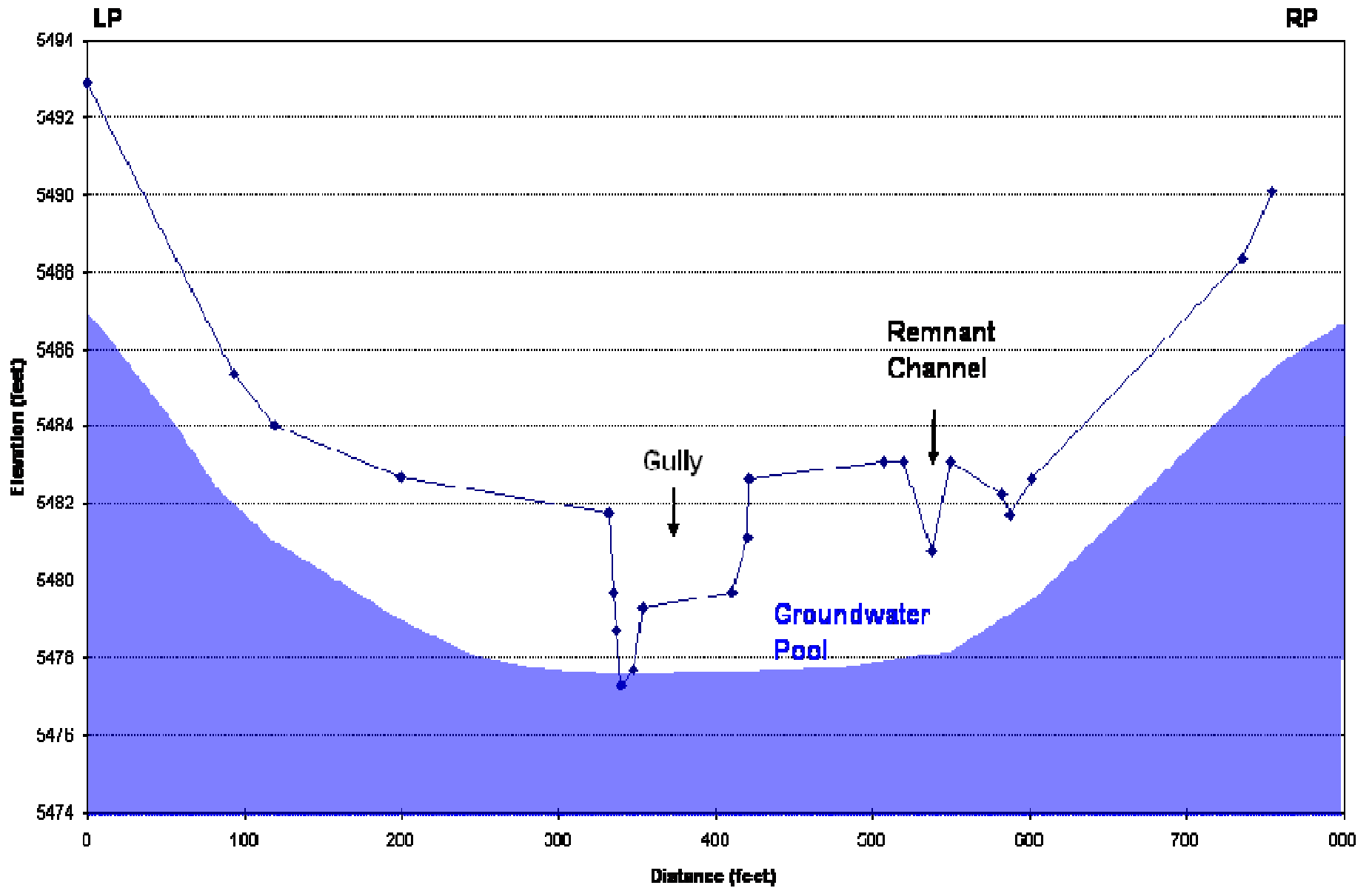
Well #UC2

Outline,
old gully

Clarks Creek - July, 2001

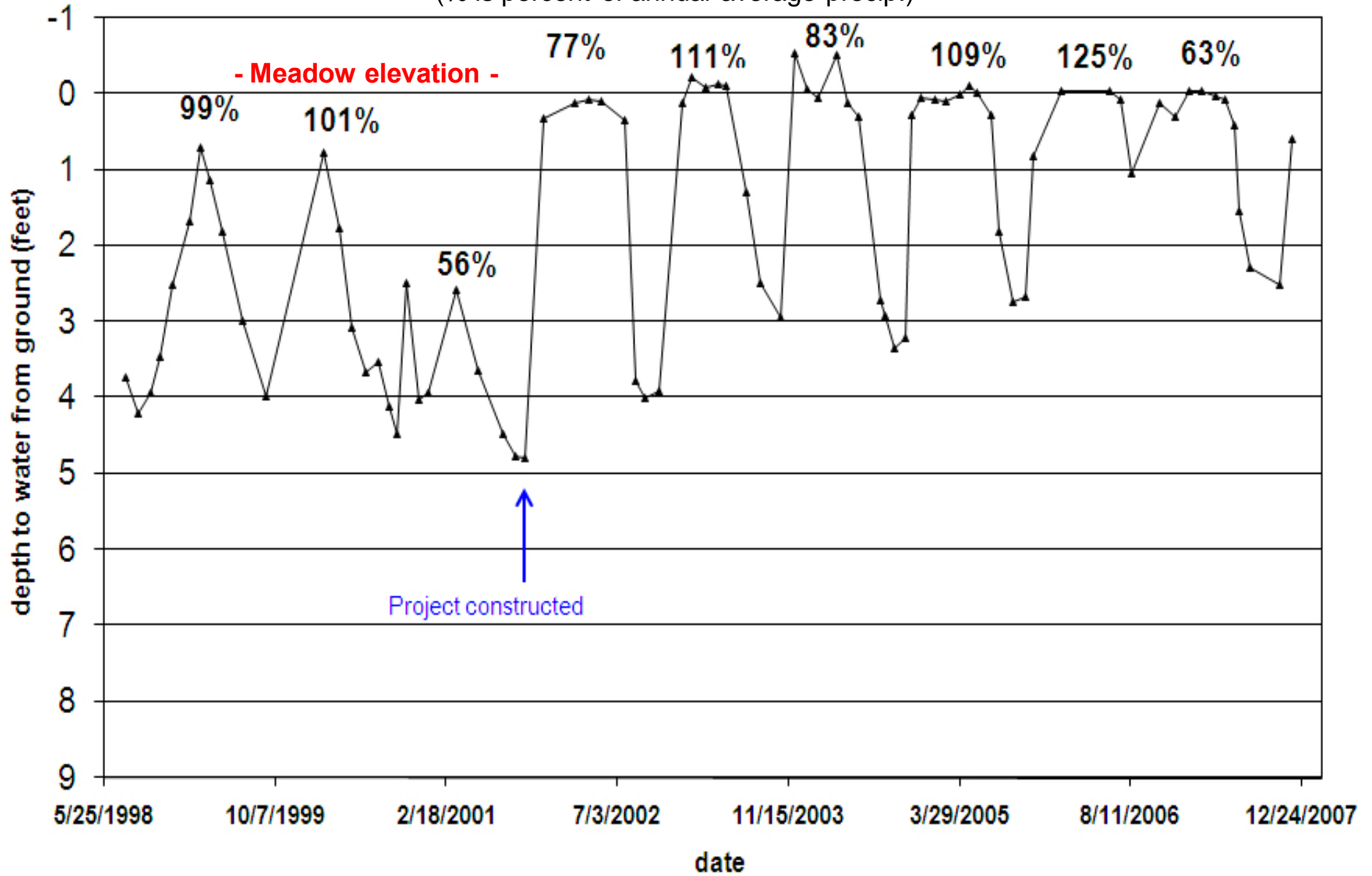


Clarks Creek Cross-section #3 Pre-project



Clarks Cr Groundwater Level Well #UC2

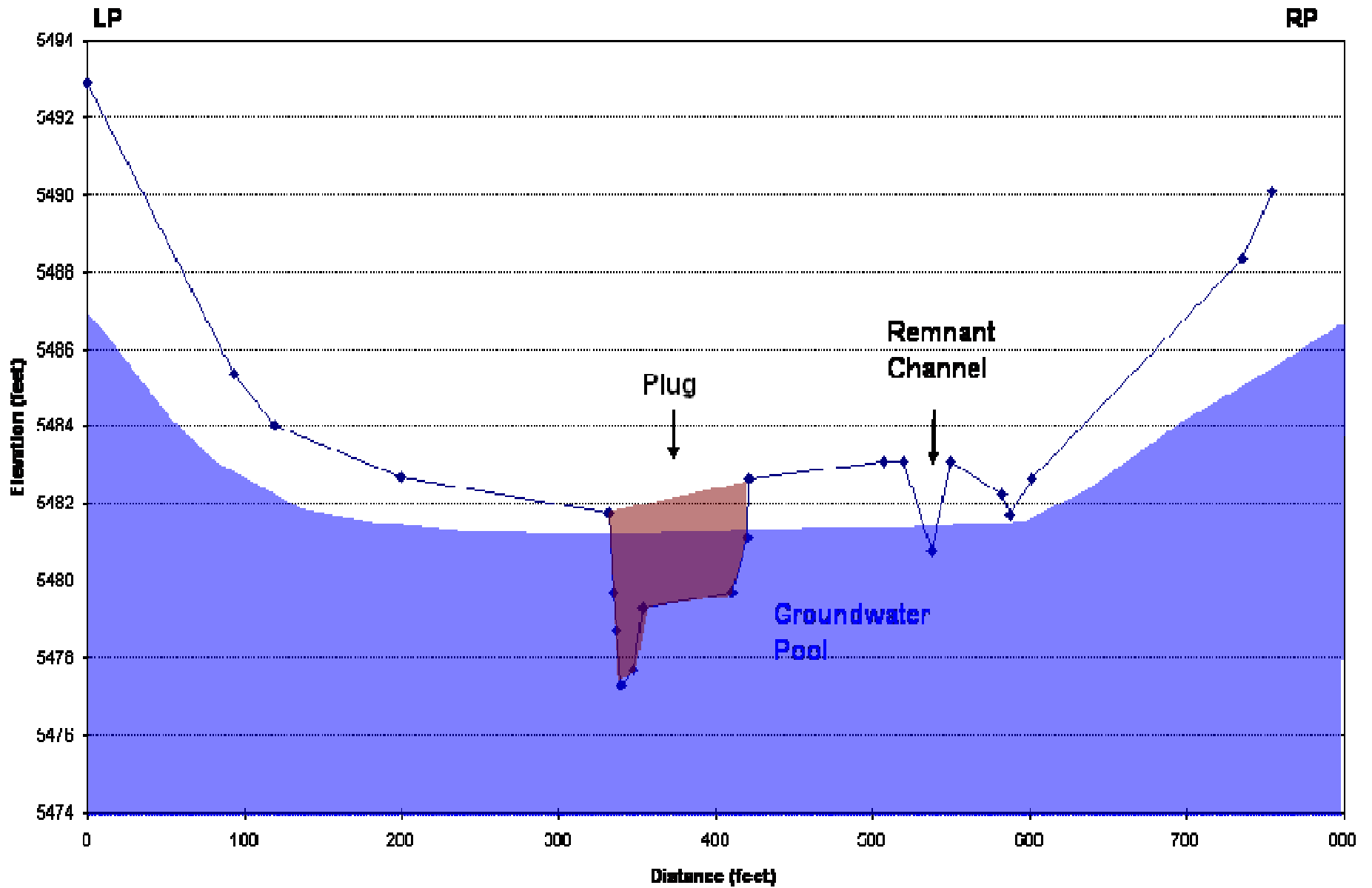
(% is percent of annual average precip.)



Clarks Creek - July, 2006



Clarks Creek Cross-section #3 Post Project



**Red Clover/McReynolds Project -
mid-project, June, 2007**

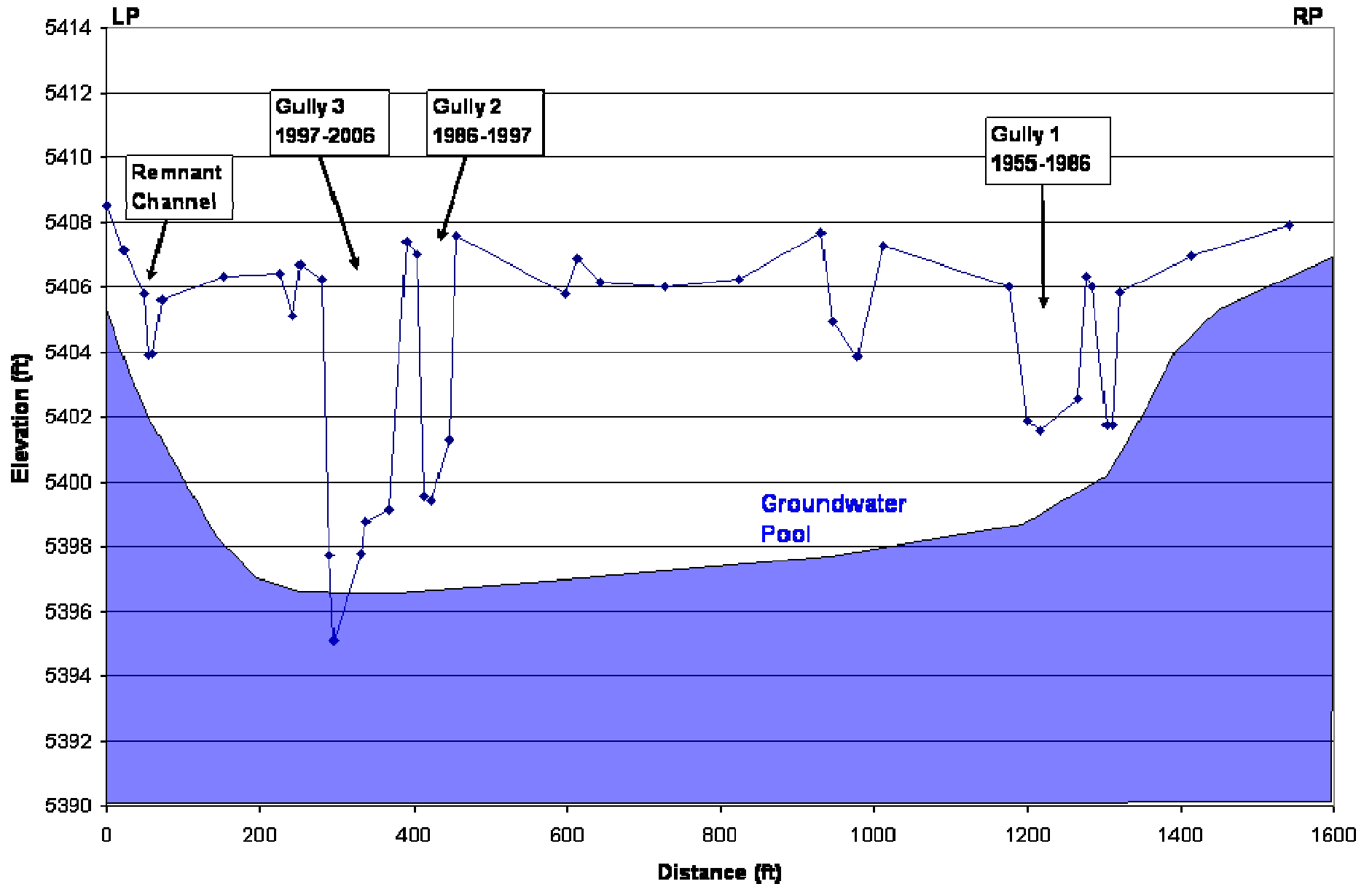


X-section #19



Red Clover Creek @ X-s #19, 6/2006

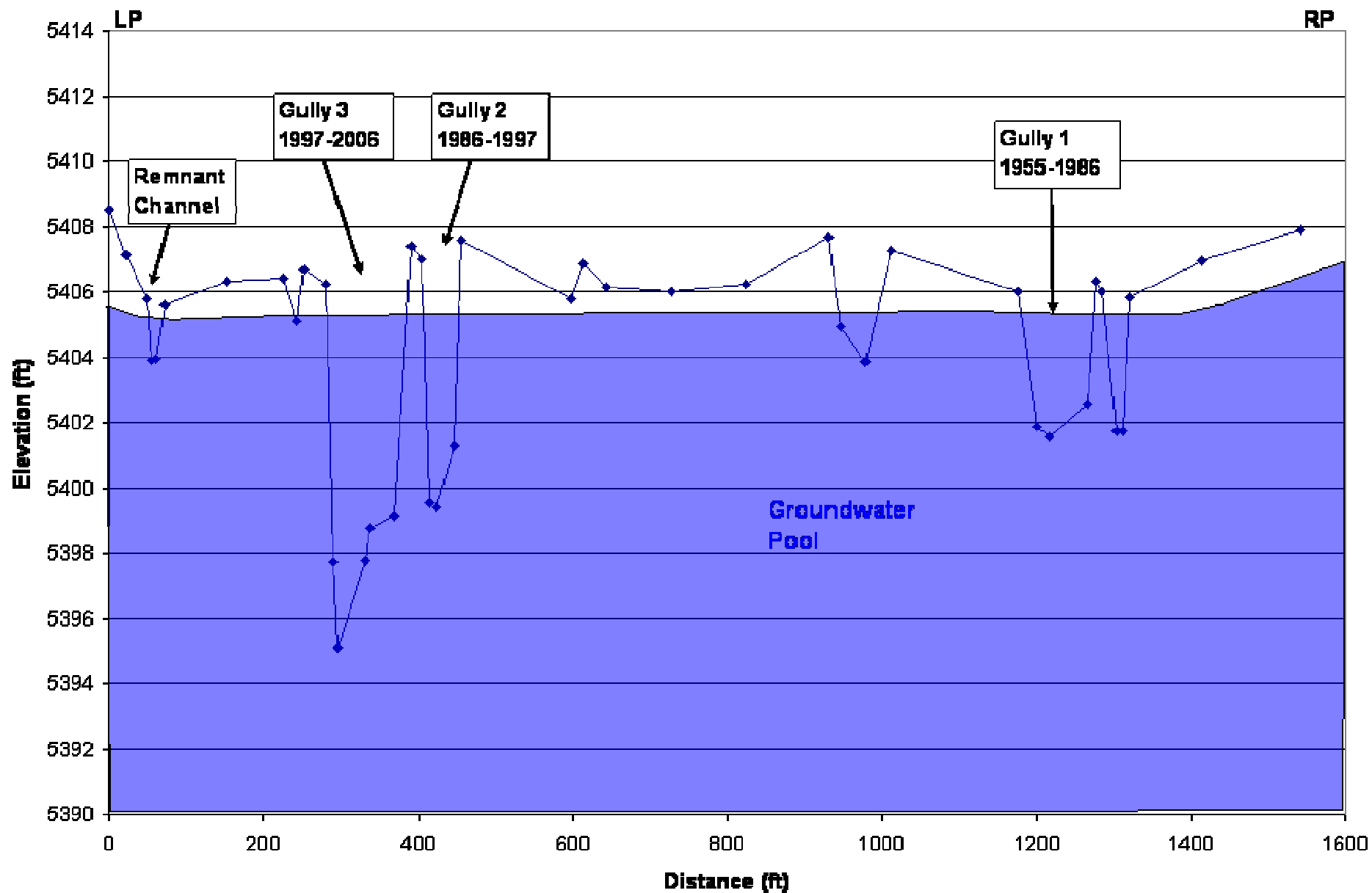
Red Clover/McReynolds X-section #19 Pre-project



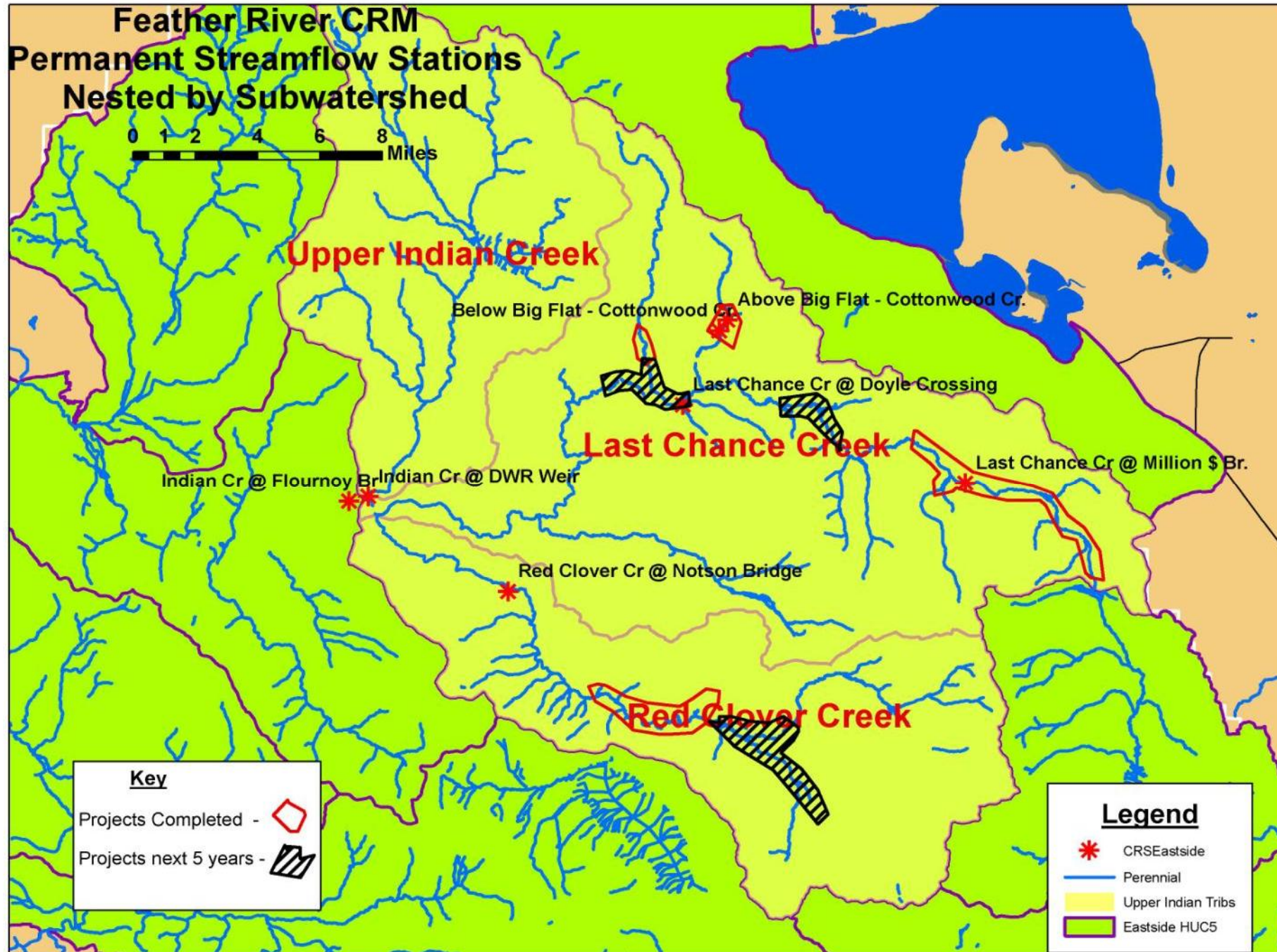


Red Clover Creek @ X-s #19, 6/2008


Red Clover/McReynolds X-section #19 Post Project




Feather River CRM Permanent Streamflow Stations Nested by Subwatershed







Key

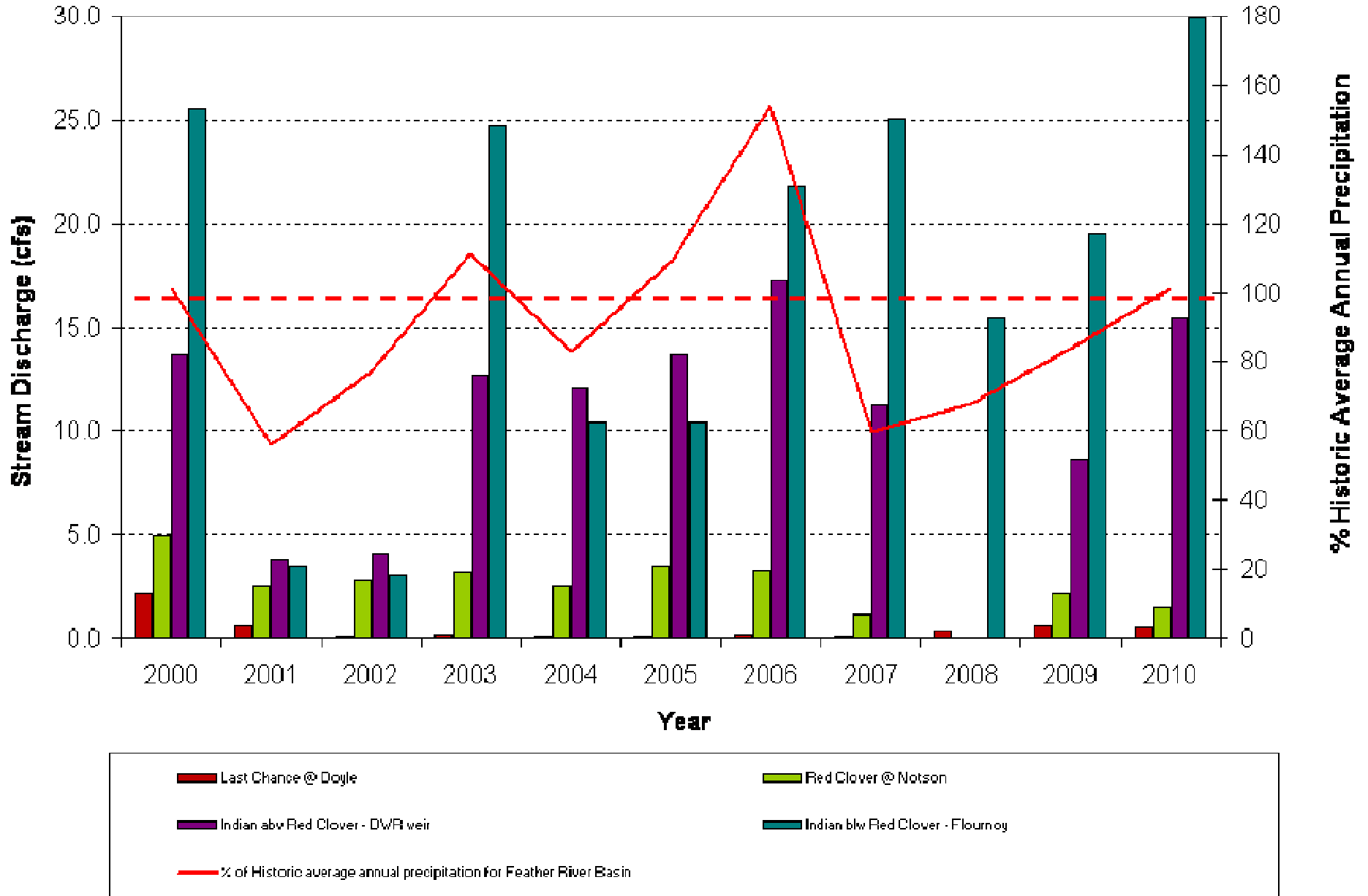
Projects Completed - 

Projects next 5 years - 

Legend

-  CRSEastside
-  Perennial
-  Upper Indian Tribs
-  Eastside HUC5

**Weekly Average Minimum Flows 2000-2010
on Last Chance Creek and Red Clover Creek
and Indian Creek above and below the confluence of Red Clover Creek**



Flournoy Bridge Comparative Discharges (Average of 7-day Average Annual Minimum Flows)

