



Fig. 1. Examples of the monitoring results for 2003: (a) instrument locations within and near Stanislaus National Park for the data presented; (b) snowpack at Ostrander Lake; (c) air temperature at Kibbie Ridge; (d) Merced River water temperature at Happy Isles; (e-h) Merced River discharge at Happy Isles, conductivity, nitrate, and dissolved silica, respectively. The hourly deviations (red) from the daily mean (blue) vary around zero and may be offset to avoid overlap. Note the transition associated with the spring pulse and the fall rainstorm response.

Texture by feel analysis of soil

