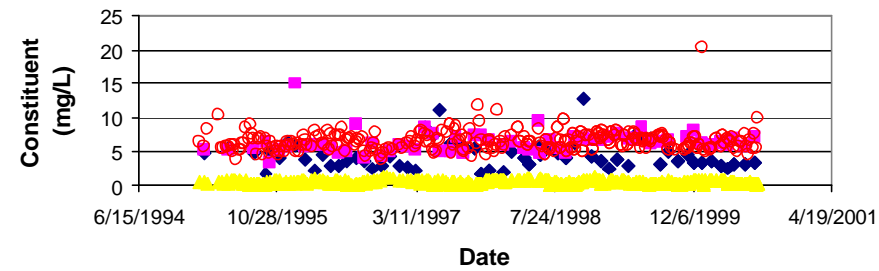


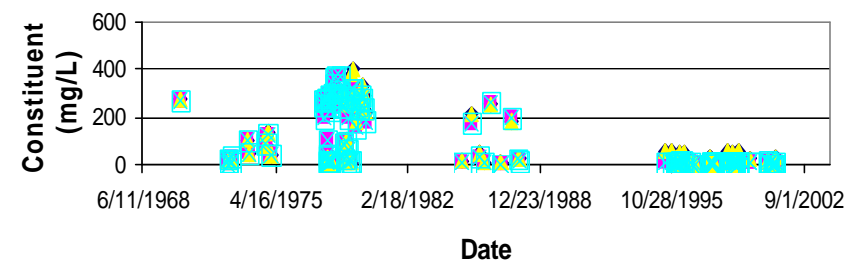
# Lower Watershed Chemistry

**Nitrate & Dissolved Oxygen - Lower San Gabriel River Watershed**



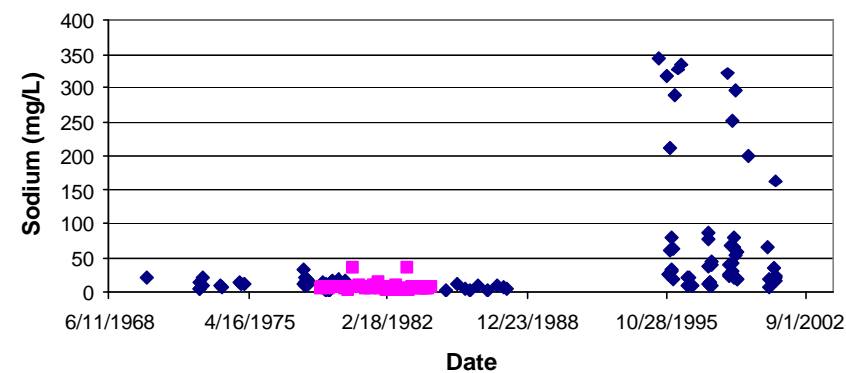
- ◆ Nitrate at Firestone Blvd
- ▲ Nitrate at Marina Ave.
- Dissolved Oxygen at Firestone Blvd.
- Dissolved Oxygen at Marina Ave.

**Magnesium & Potassium - Lower San Gabriel River Watershed**

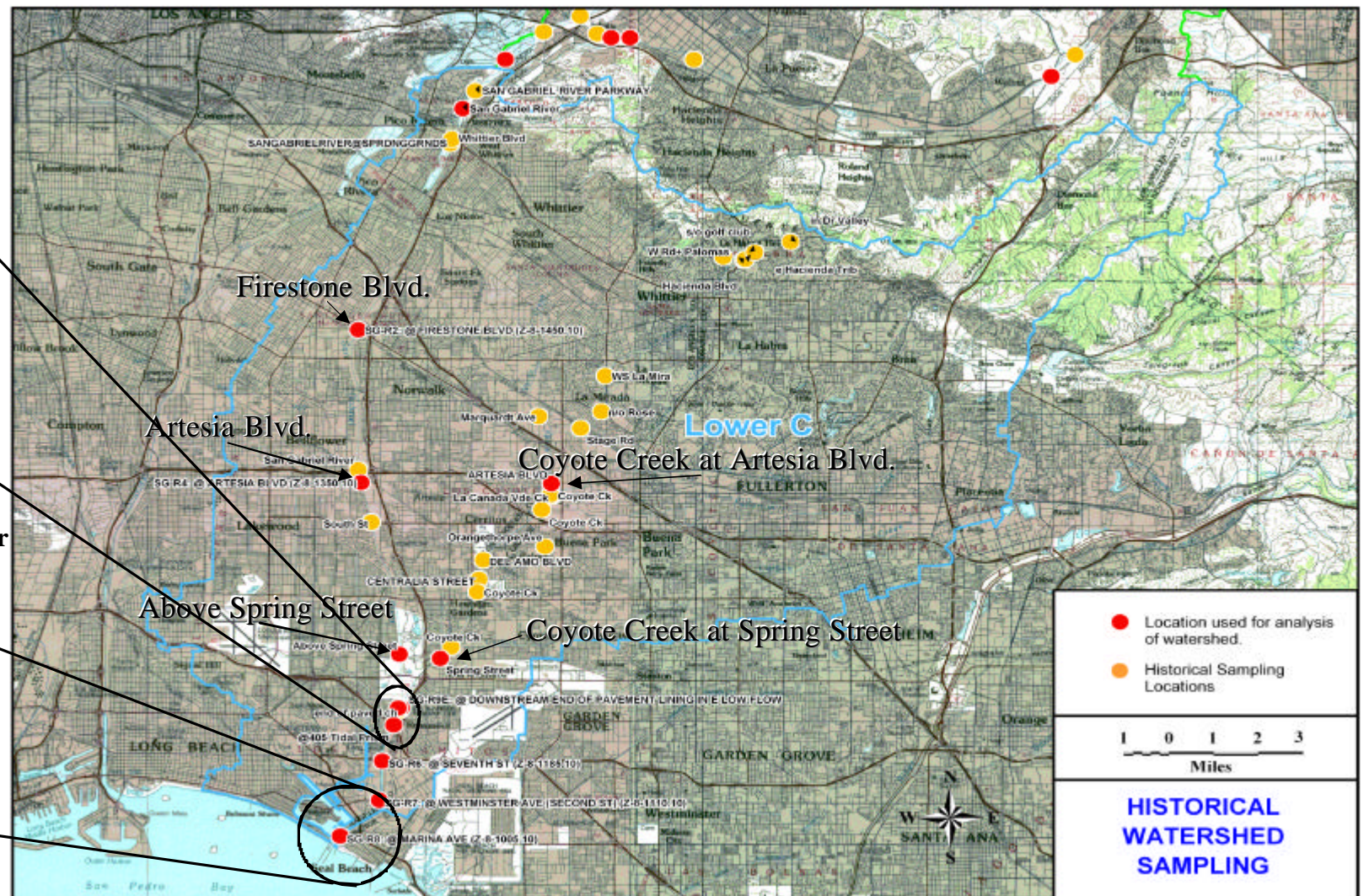
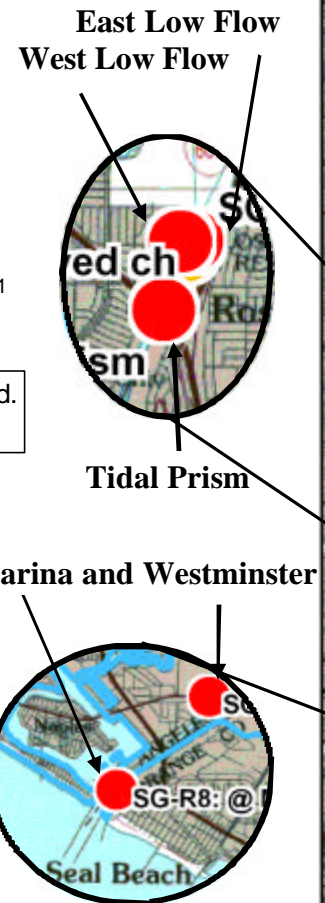


- ◆ Magnesium, Coyote Creek at Spring Street
- ▲ Magnesium, Coyote Creek at Artesia Blvd.
- Potassium, Coyote Creek at Spring Street
- ⊠ Potassium, Coyote Creek at Artesia Blvd.

**Sodium - Lower San Gabriel River Watershed**



- ◆ Coyote Creek at Spring Street
- Coyote Creek at Artesia Blvd.



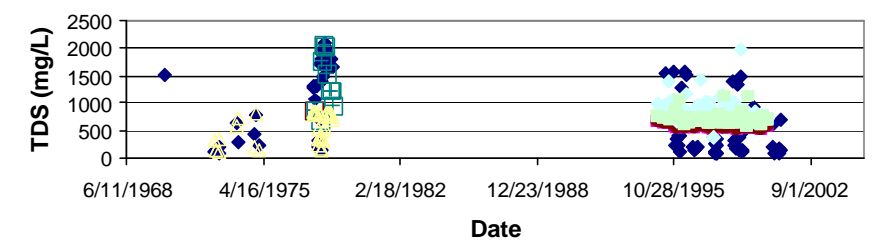
## Lower C region of the San Gabriel Watershed

The Lower C region of the watershed drains an area from Whittier narrow to the Pacific Ocean. Coyote Creek is the primary tributary for this reach of river and drains the western portions of the lower section.

Coyote Creek sodium concentrations have increased significantly since the 70's and 80's at the Spring Street location. The concentrations have been as high as 350 mg/L and as low as 5 mg/L. This variation in values could be attributed to sampling time..

Magnesium and Potassium concentrations have improved through the sampling period. Concentrations of dissolved oxygen have remained constant with an average of 6.5 mg/L. Nitrate concentrations have at Marina Avenue have consistently been below 4.0 mg/L.

**Total Dissolved Solids - Lower San Gabriel River Watershed**



- ◆ TDS Coyote Creek at Spring Street
- San Gabriel River at Firestone Blvd.
- San Gabriel River at Artesia Blvd.
- San Gabriel River at Tidal Prism E Low Flow
- San Gabriel River at Firestone
- ⊠ Coyote Creek at Artesia Blvd.
- ▲ San Gabriel River above Spring Street
- San Gabriel River at Tidal Prism W Low Flow