

APPENDIX R
GRAPHICAL SUMMARY OF RESULTS

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R1: San Joaquin River Main Stem.....1-53

R2: Northeast Basin.....54-103

R3: Eastside Basin.....104-153

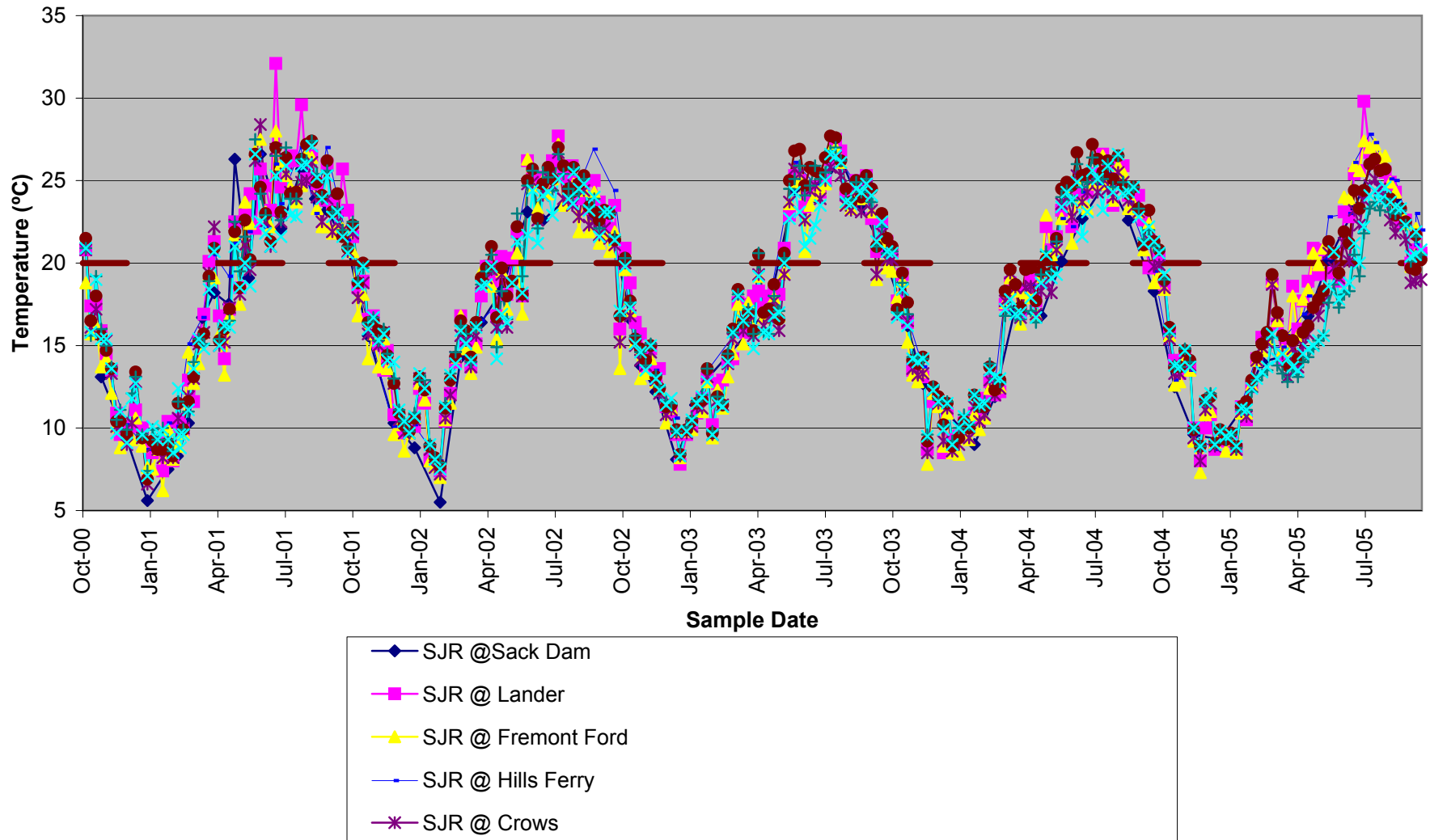
R4: Southeast Basin.....154-203

R5: Grassland Basin.....204-255

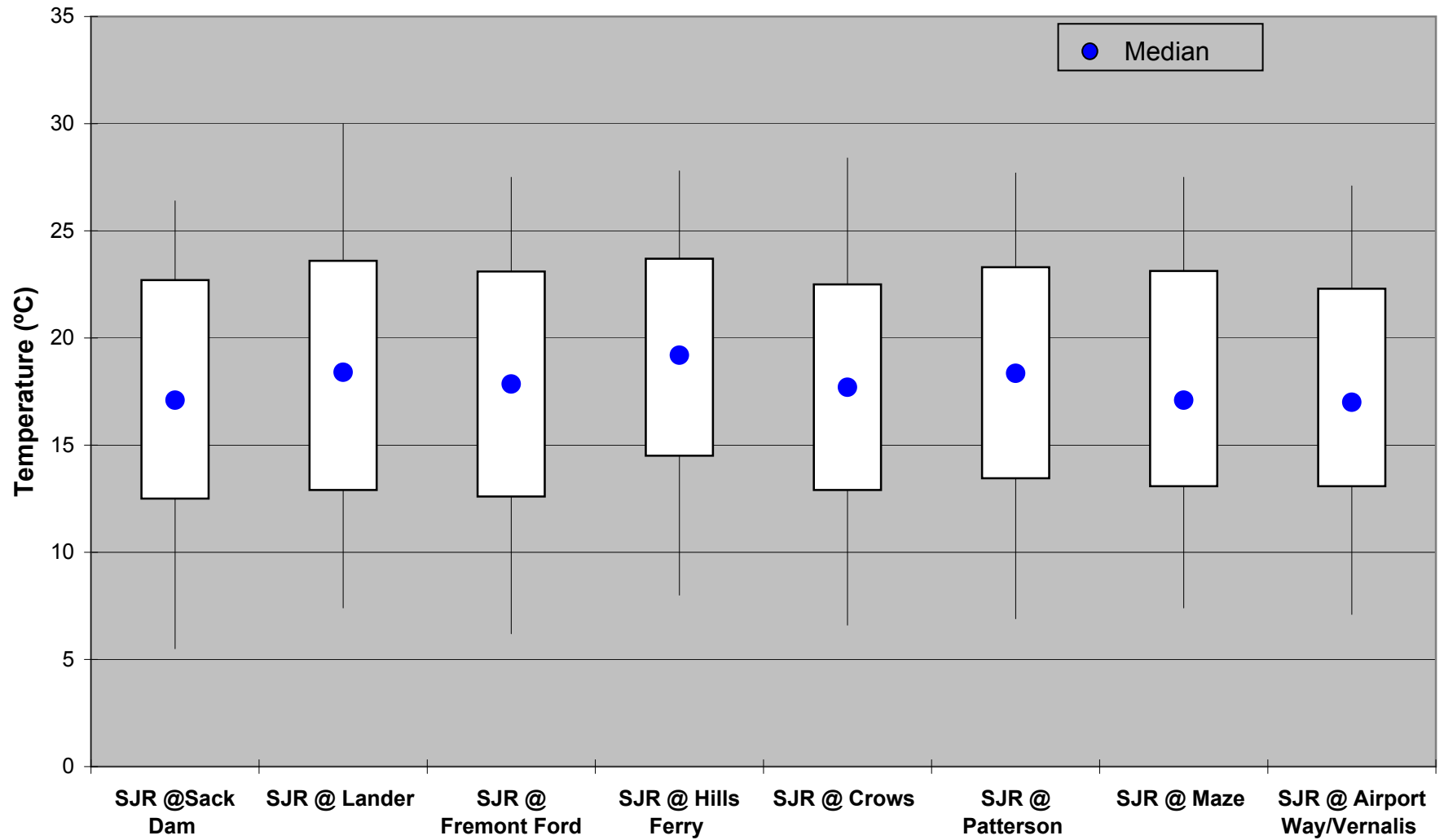
R6: Westside Basin.....256-305

R7: South Delta Basin.....306-356

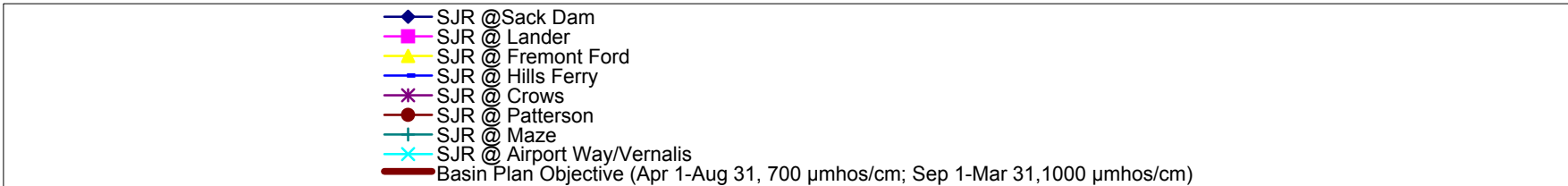
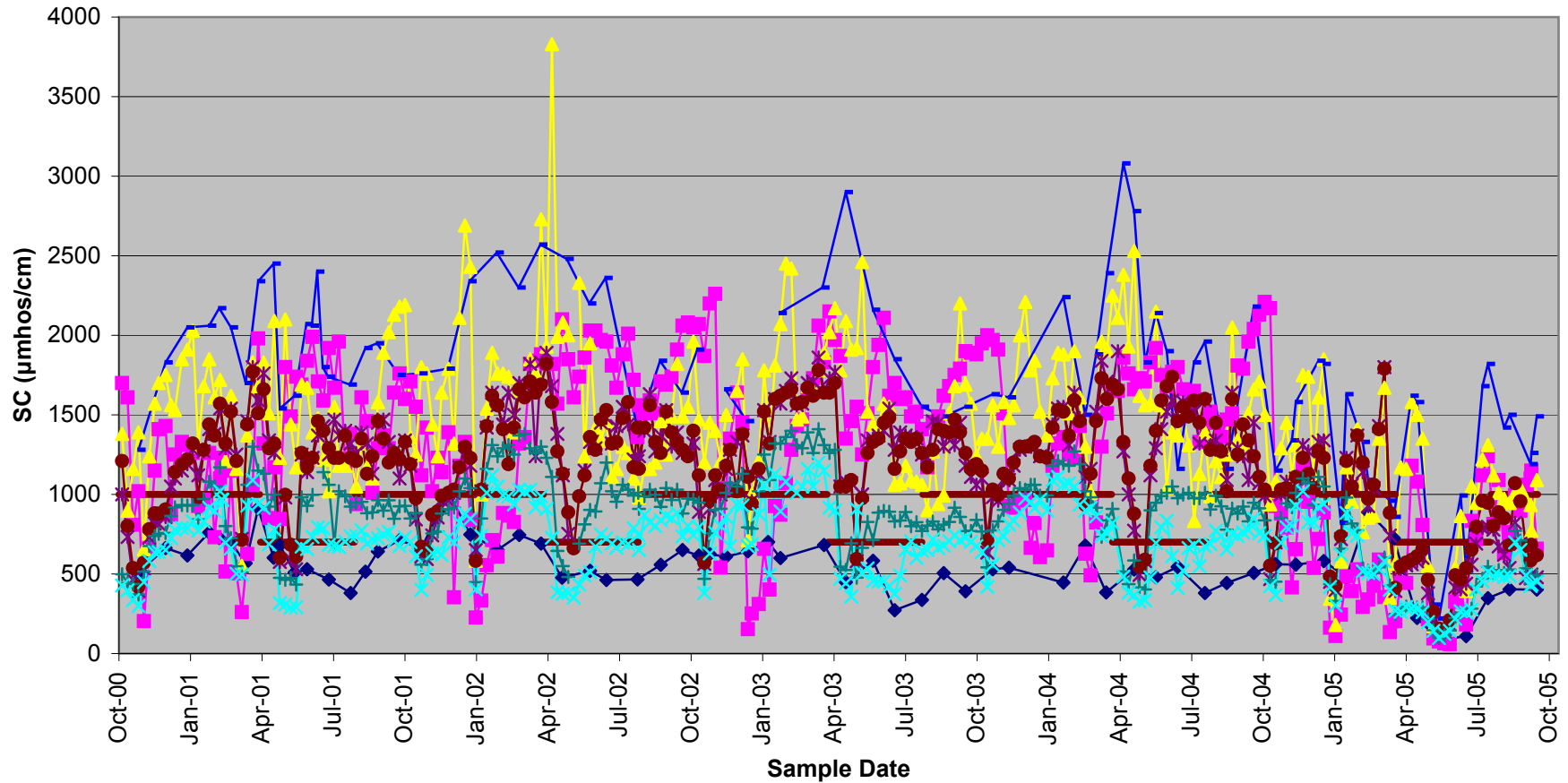
San Joaquin River Main Stem Temperature WY01-WY05



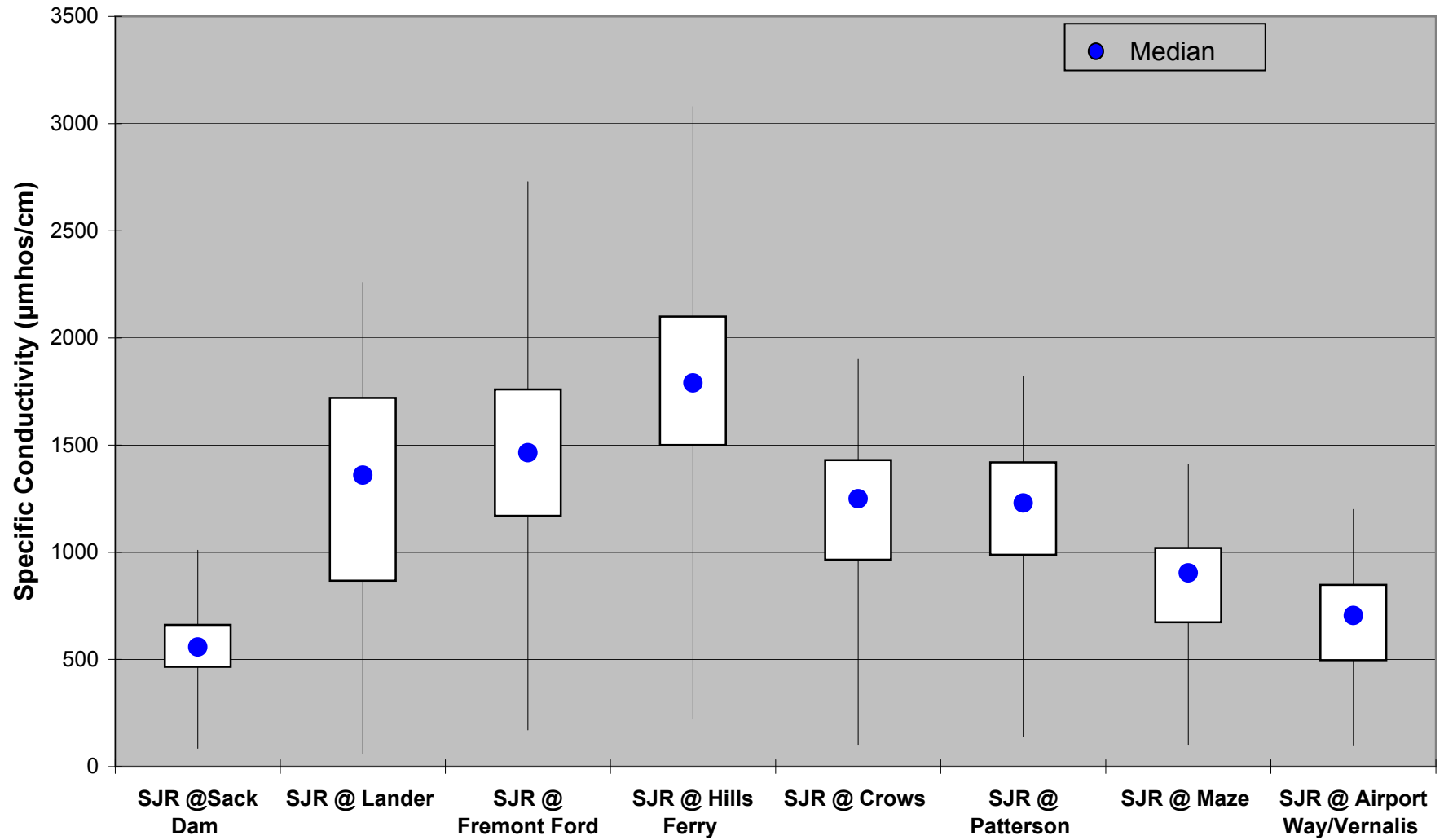
San Joaquin River Main Stem Temperature WY01- WY05



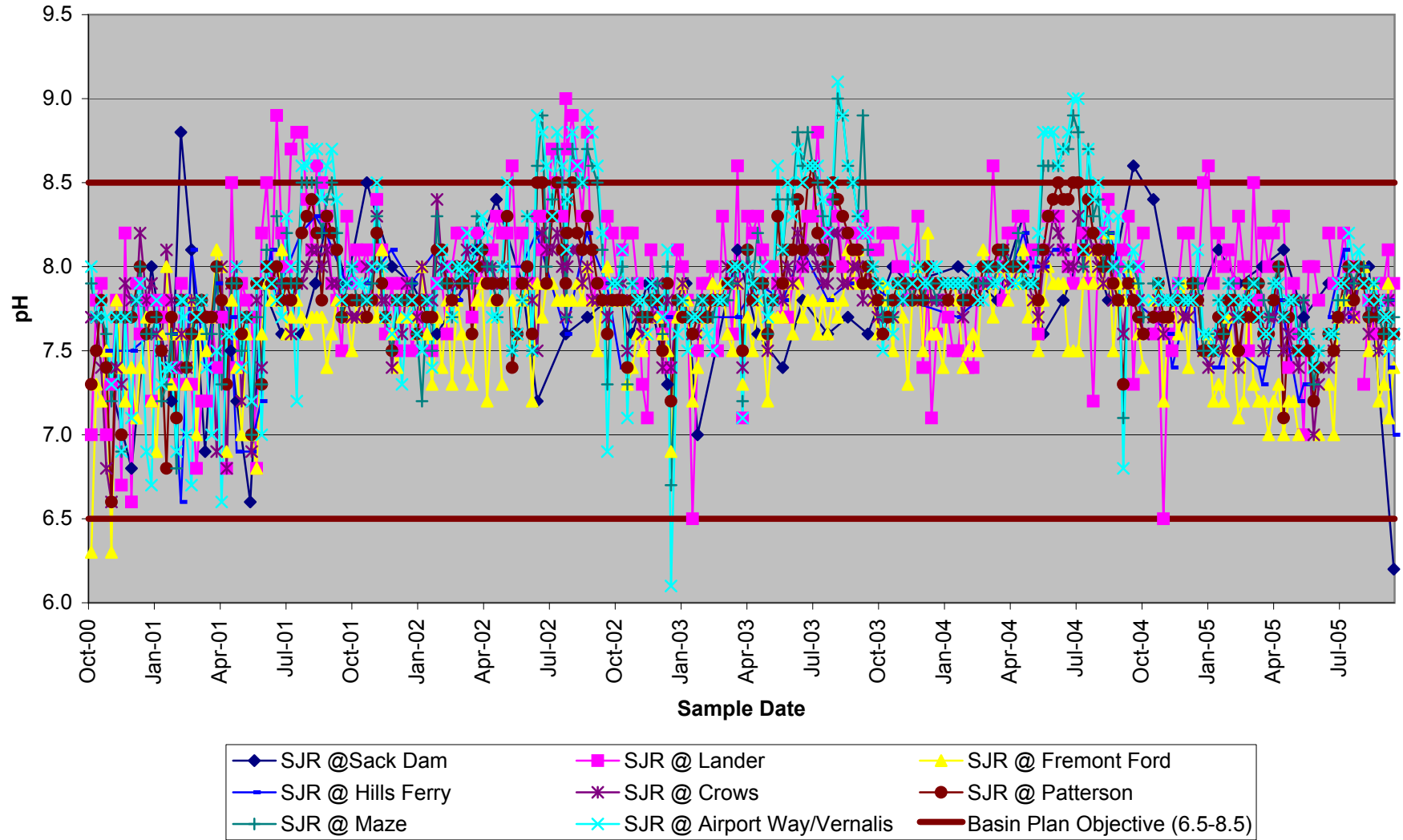
San Joaquin River Main Stem Specific Conductivity WY01-WY05



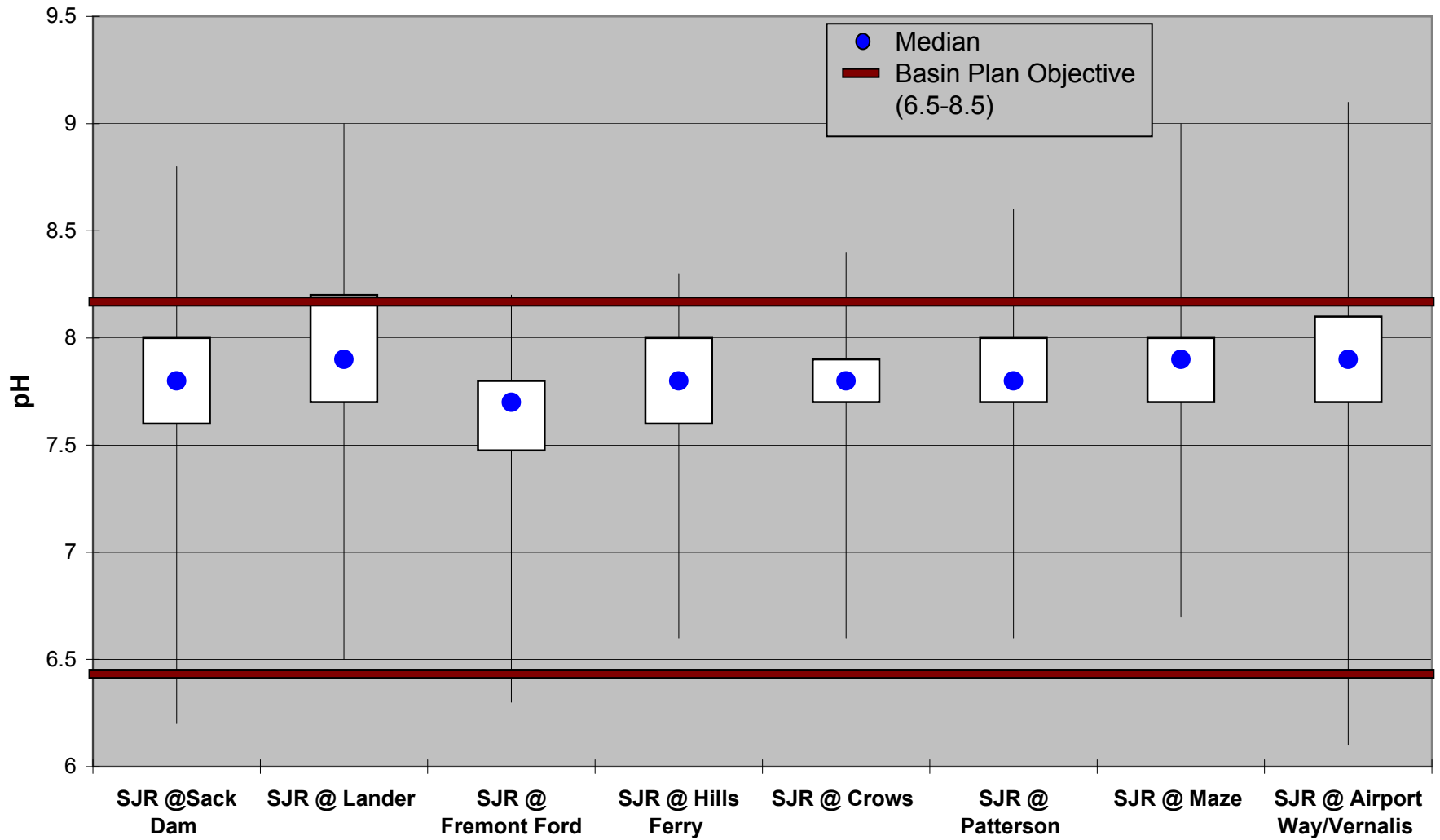
San Joaquin River Main Stem Specific Conductivity WY01- WY05



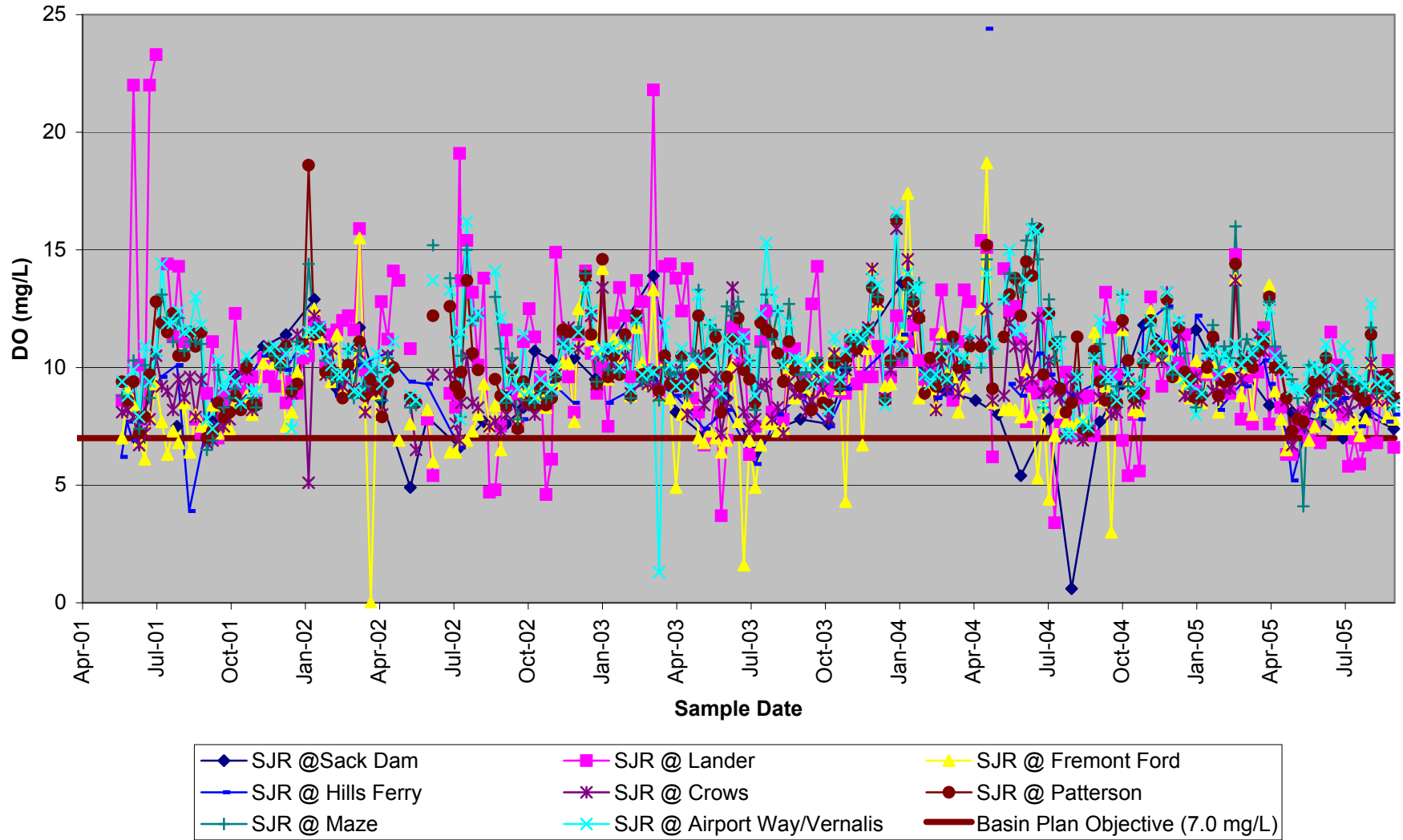
San Joaquin River Main Stem pH WY01-WY05



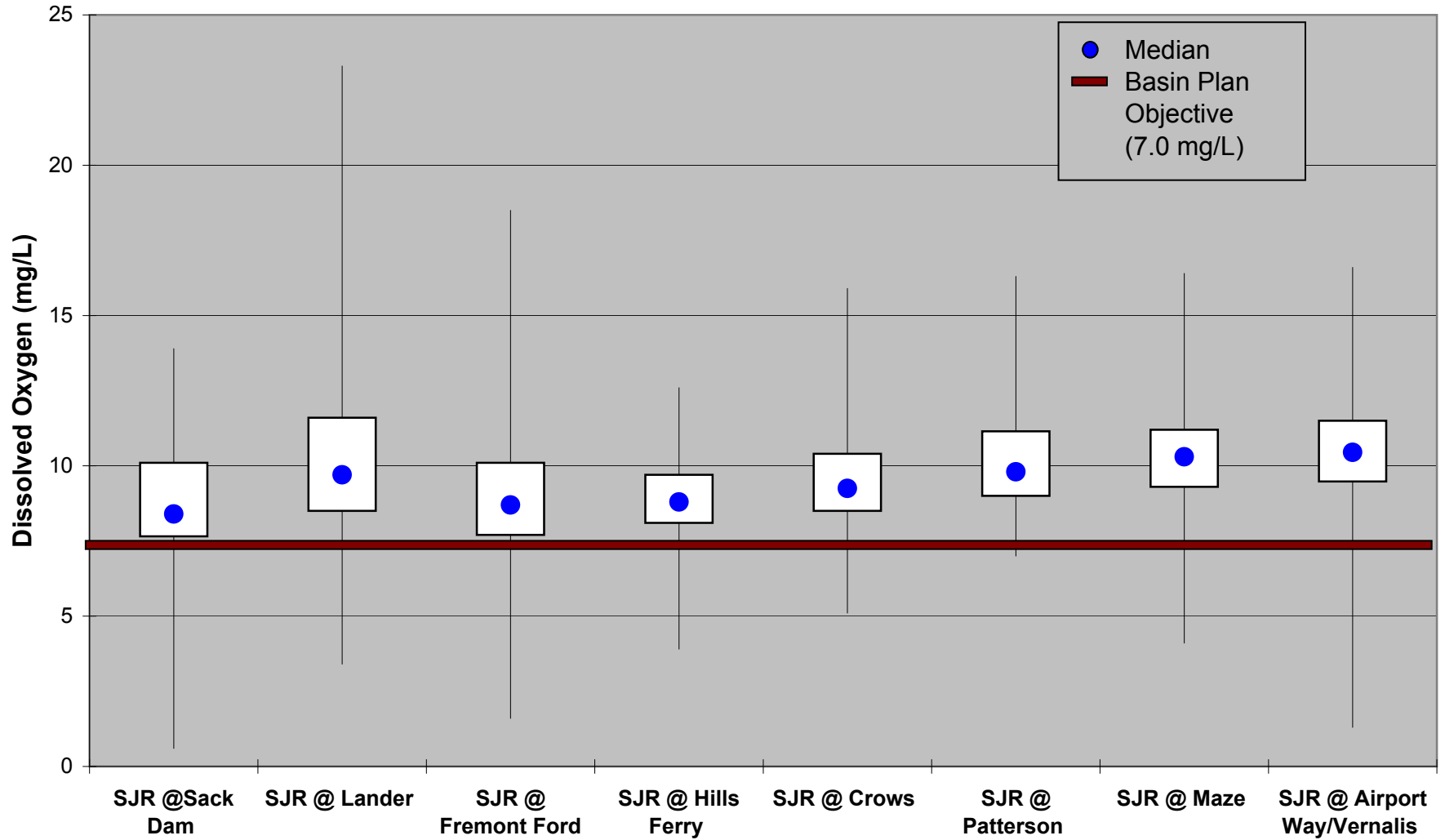
San Joaquin River Main Stem pH WY01- WY05



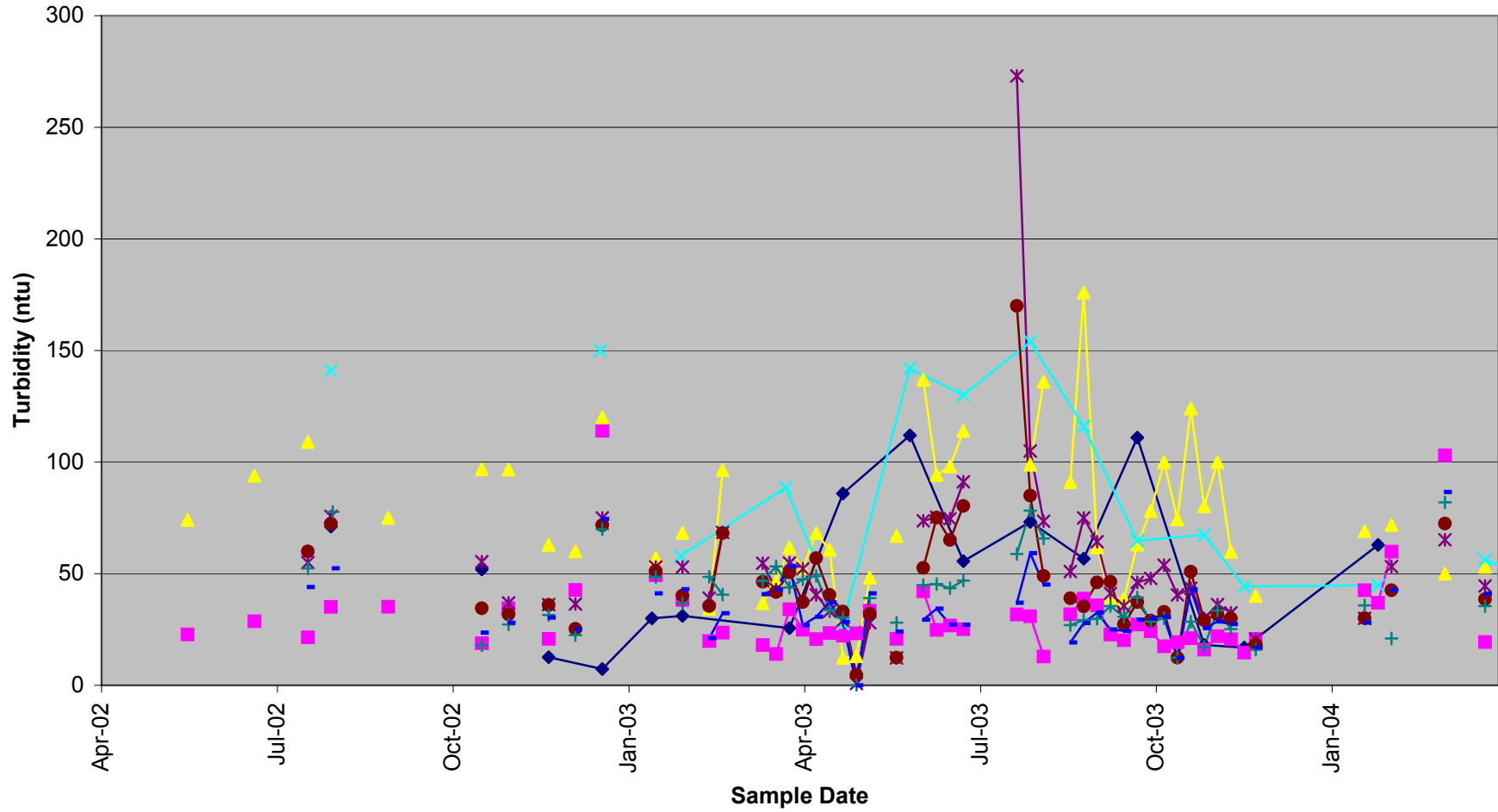
San Joaquin River Main Stem Dissolved Oxygen WY01-WY05



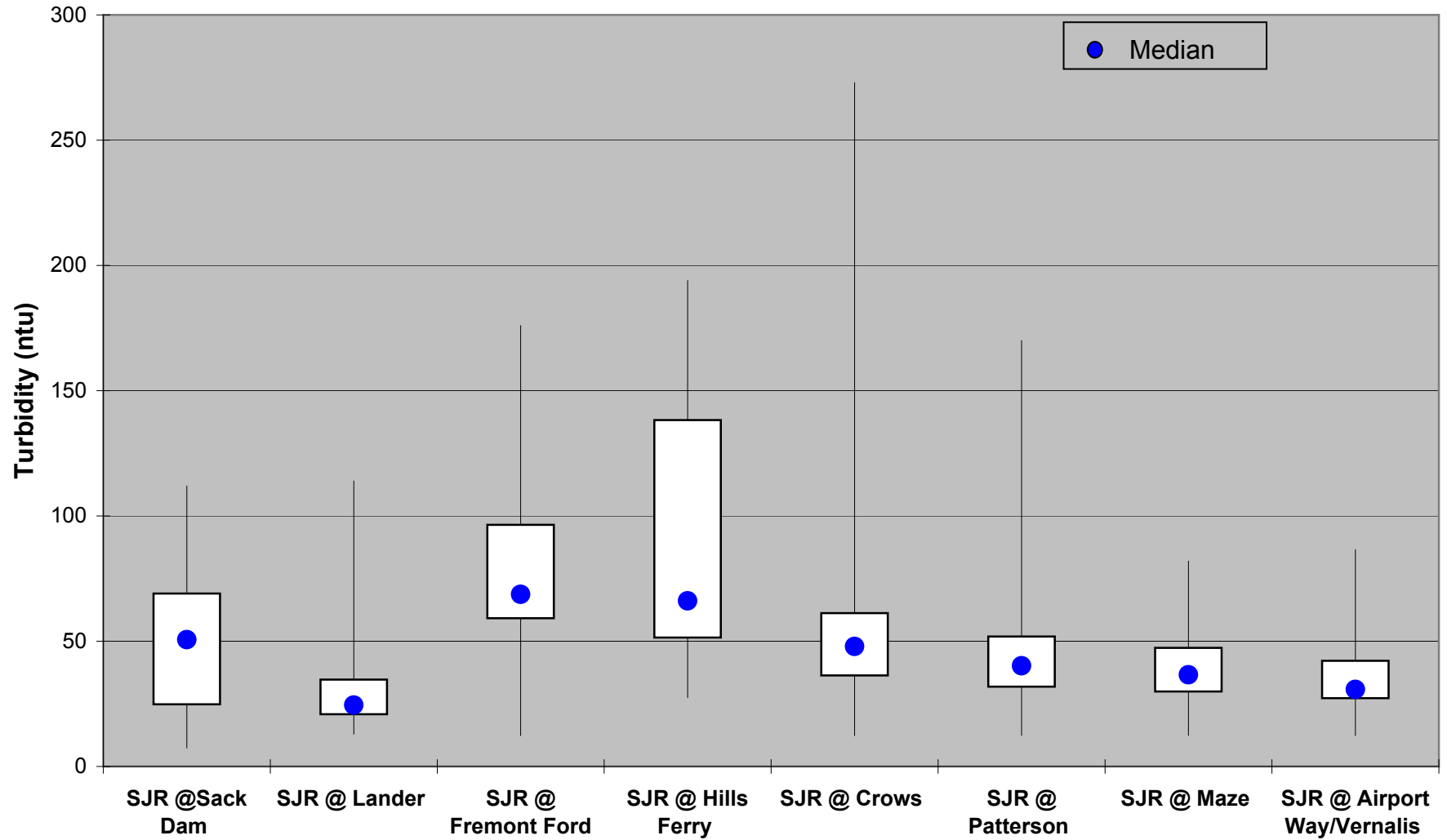
San Joaquin River Main Stem Dissolved Oxygen WY01- WY05



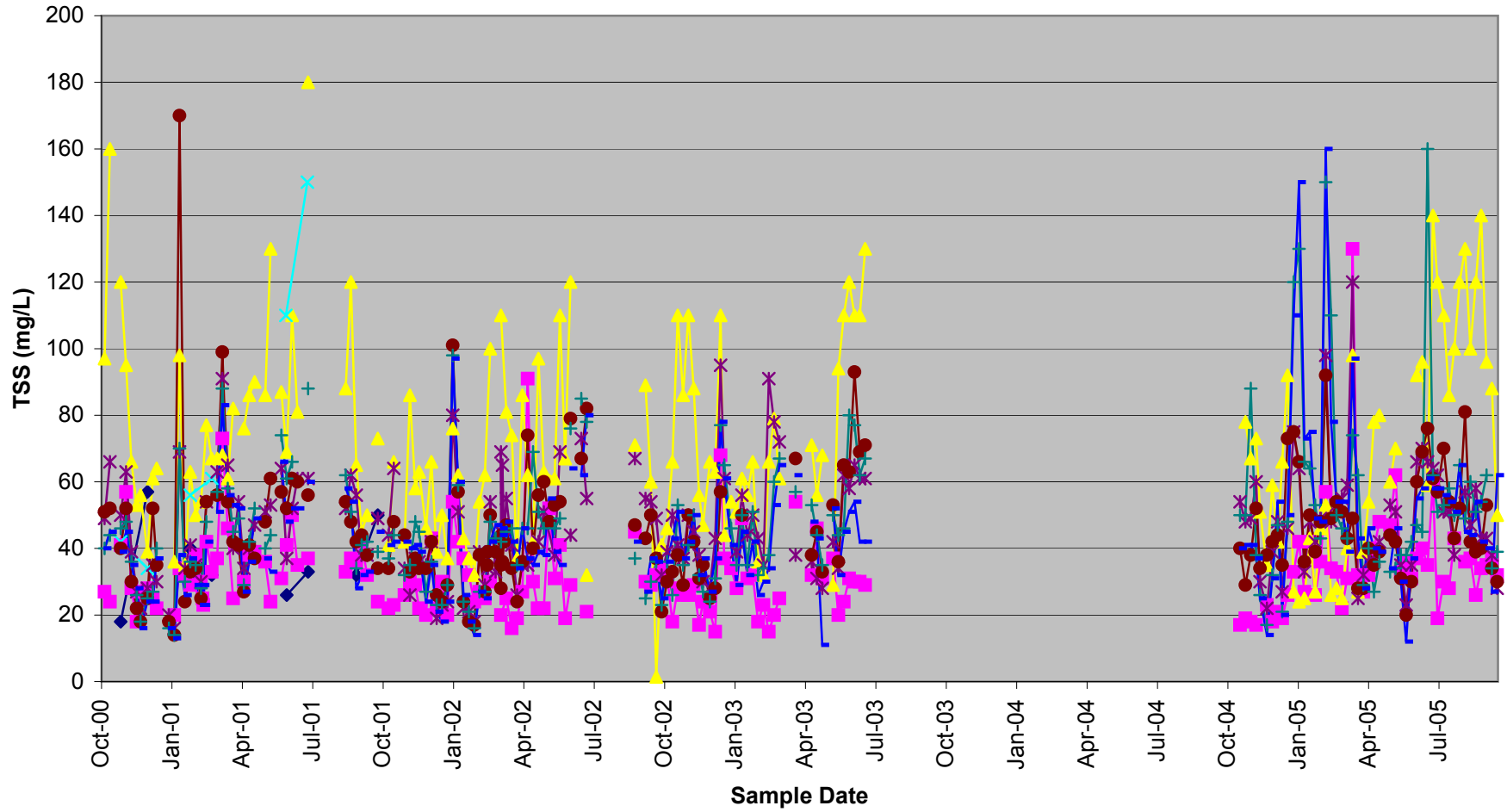
San Joaquin River Main Stem Turbidity WY02-WY04



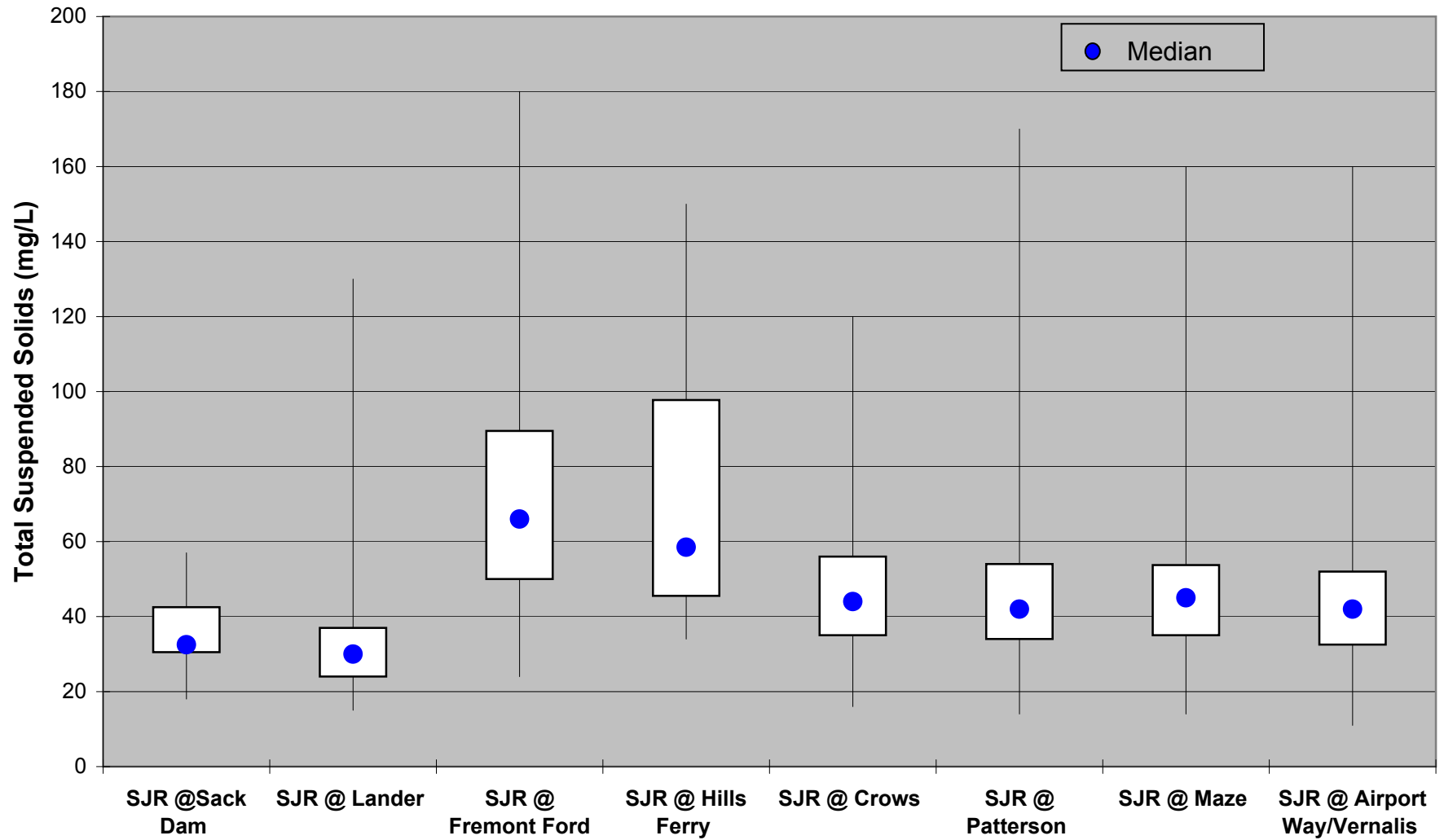
San Joaquin River Main Stem Turbidity WY02- WY04



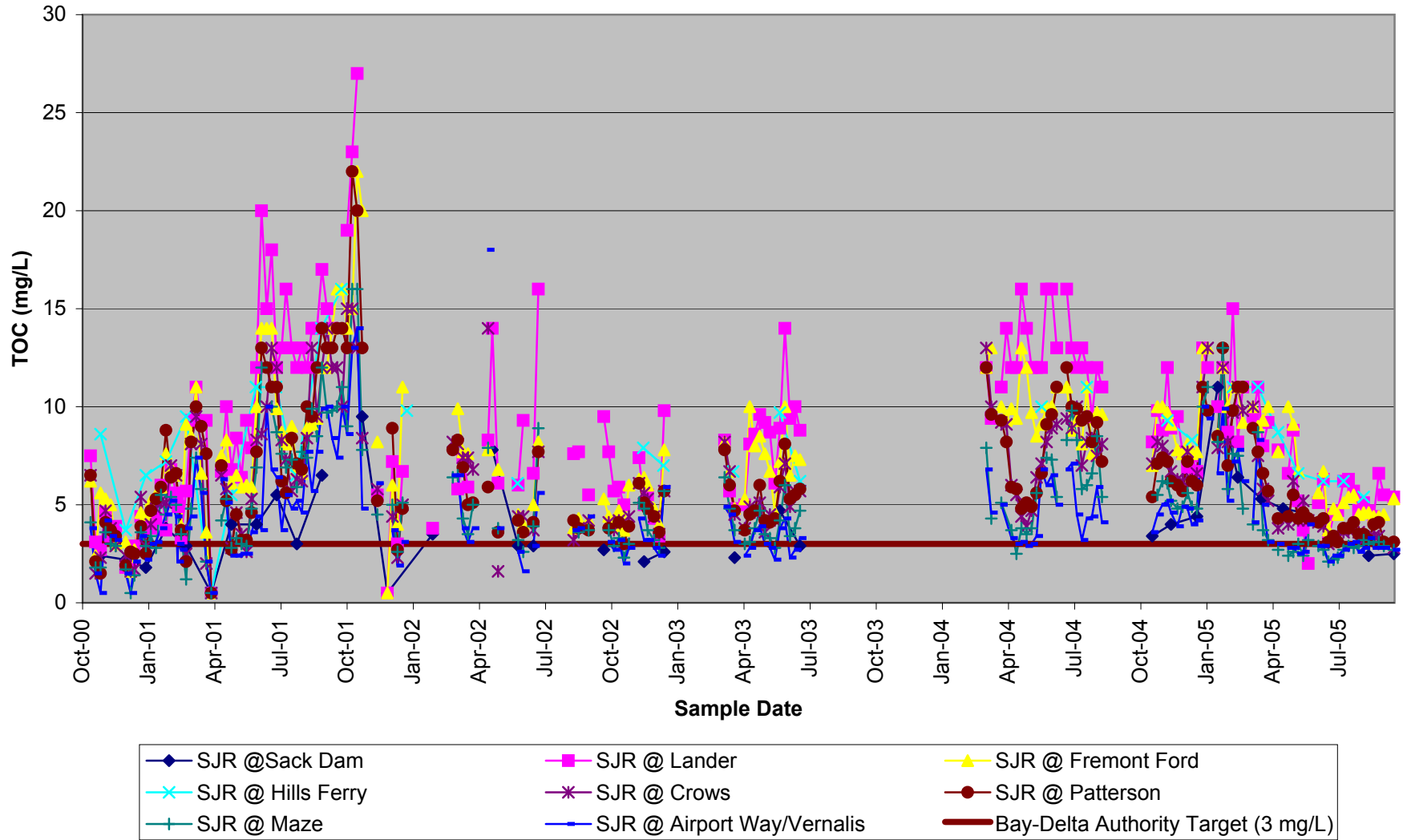
San Joaquin River Main Stem Total Suspended Solids WY01-WY05



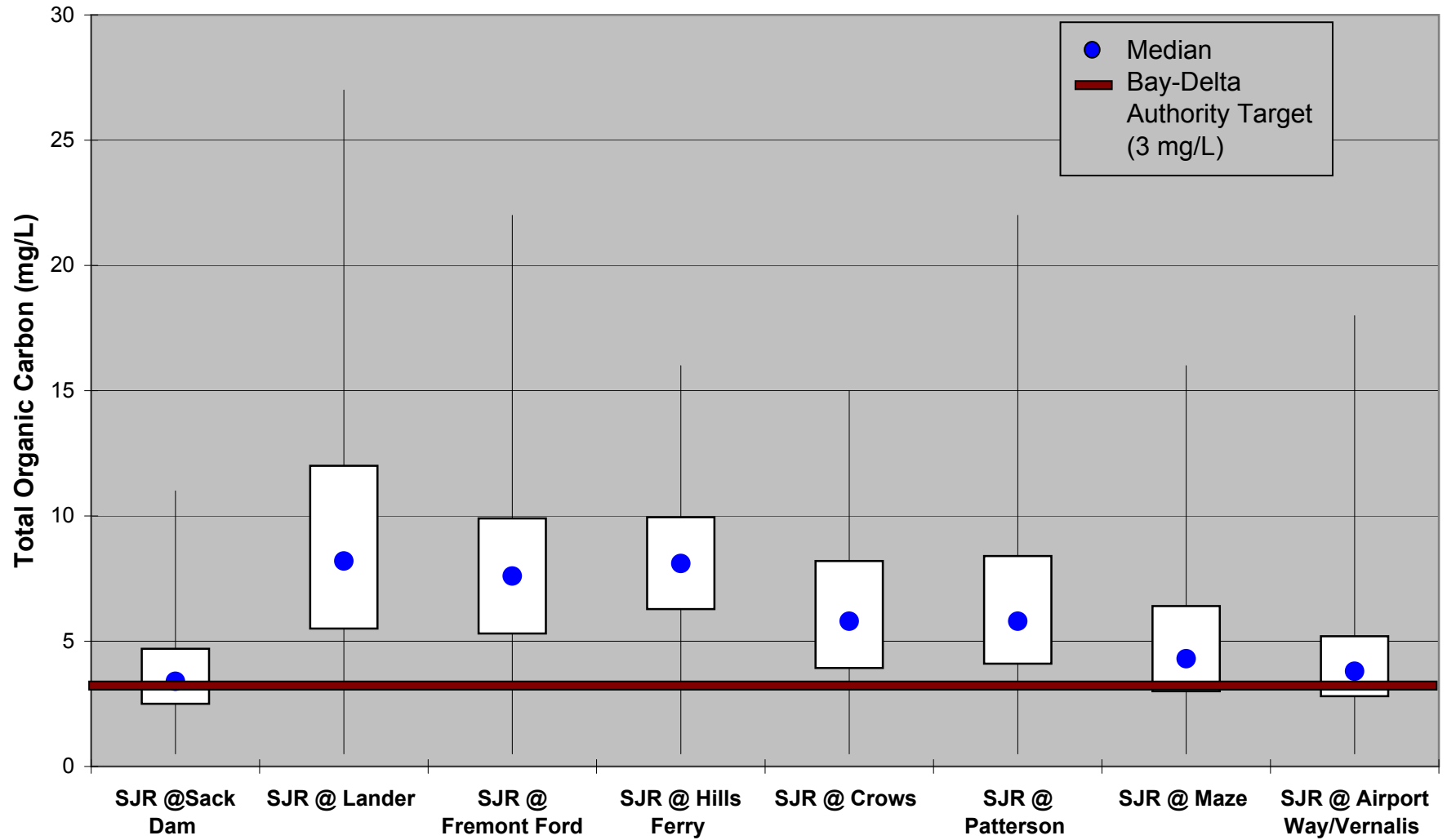
San Joaquin River Main Stem Total Suspended Solids WY01- WY05



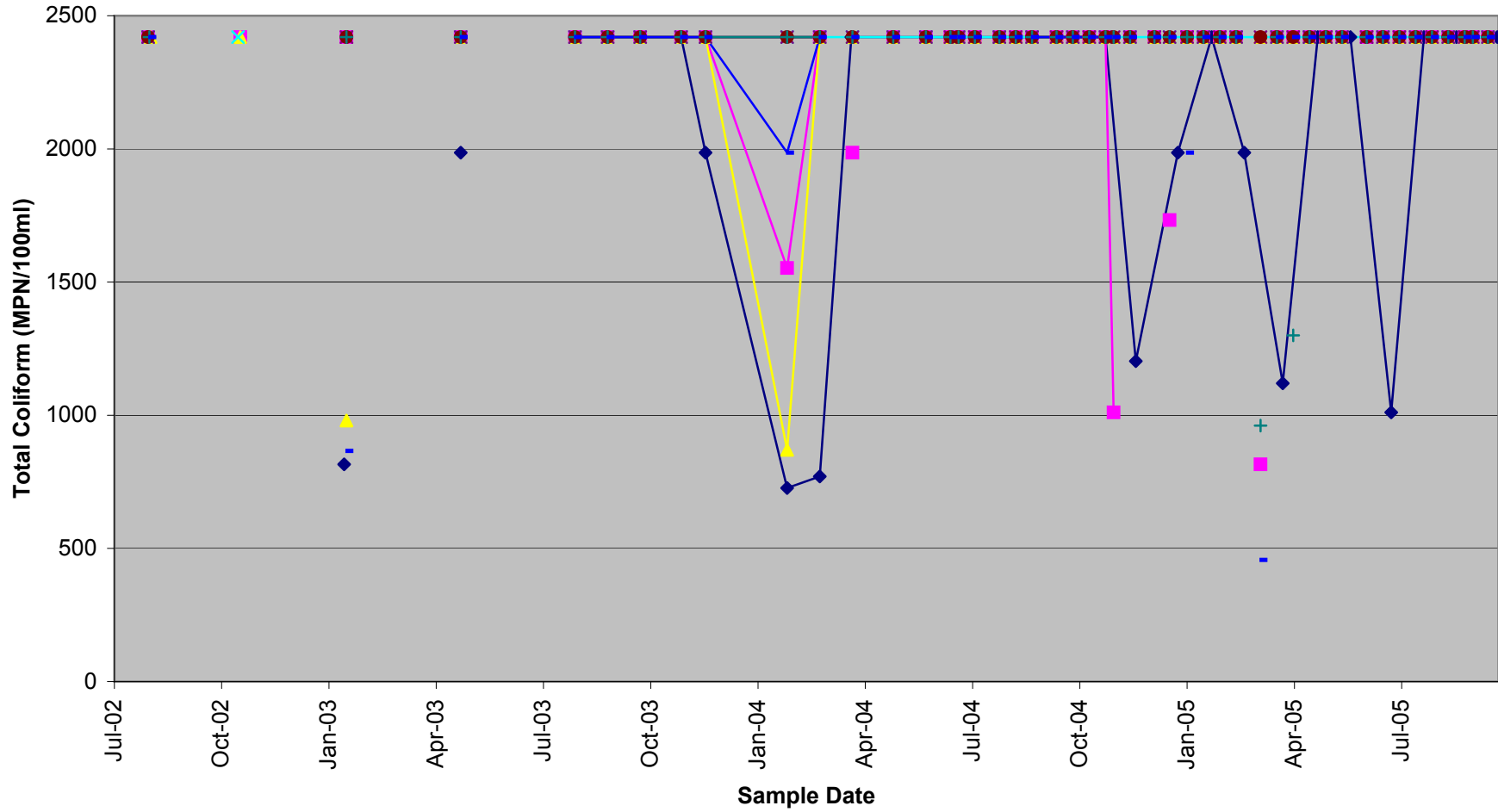
San Joaquin River Main Stem Total Organic Carbon WY01-WY05



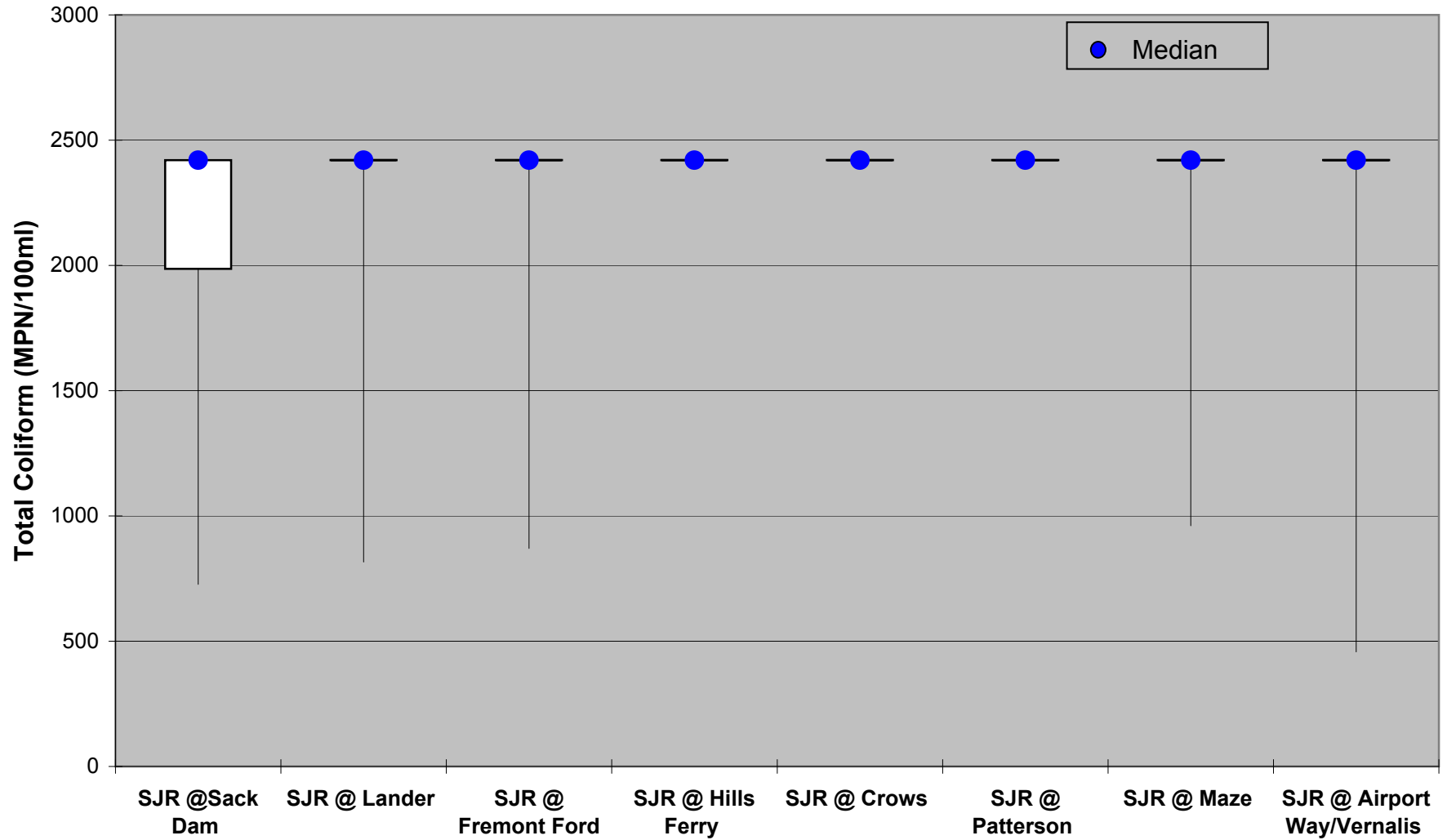
San Joaquin River Main Stem Total Organic Carbon WY01- WY05



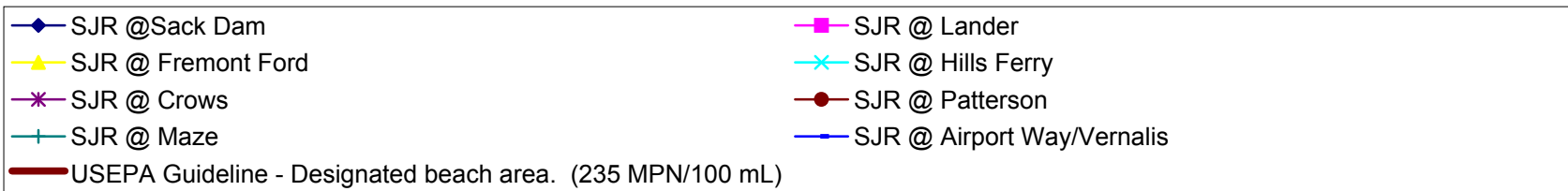
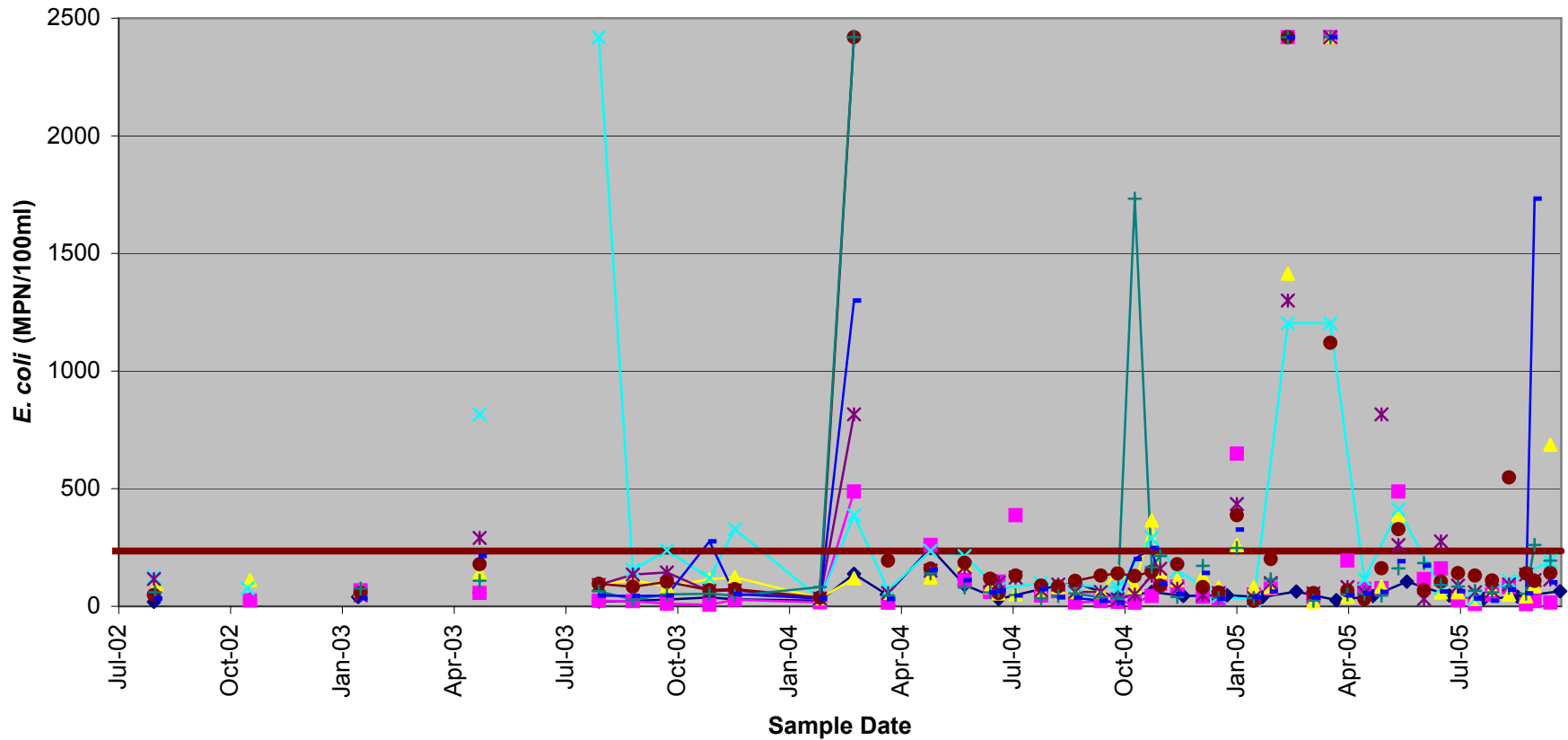
San Joaquin River Main Stem Total Coliform WY02-WY05



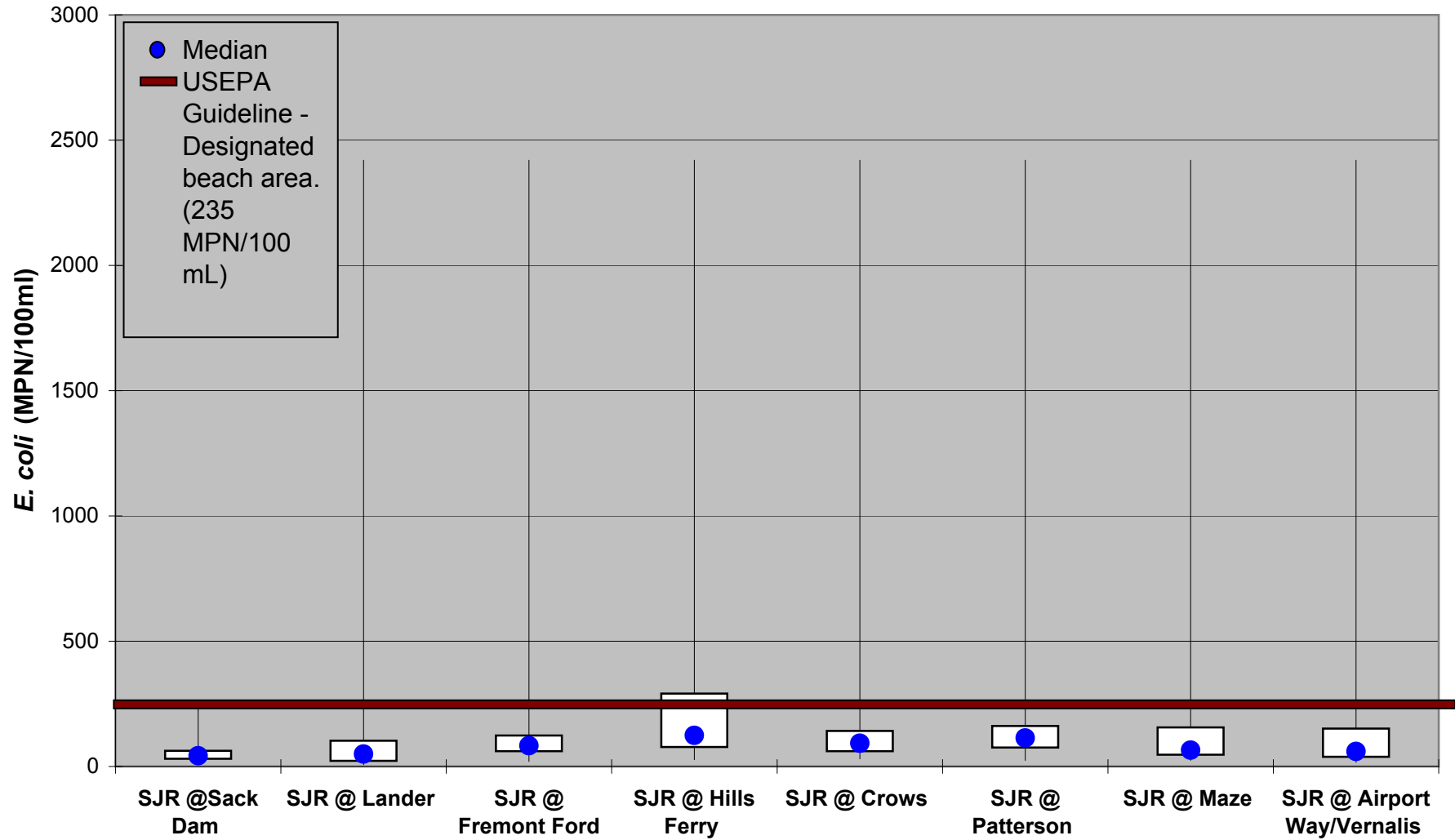
San Joaquin River Main Stem Total Coliform WY02- WY05



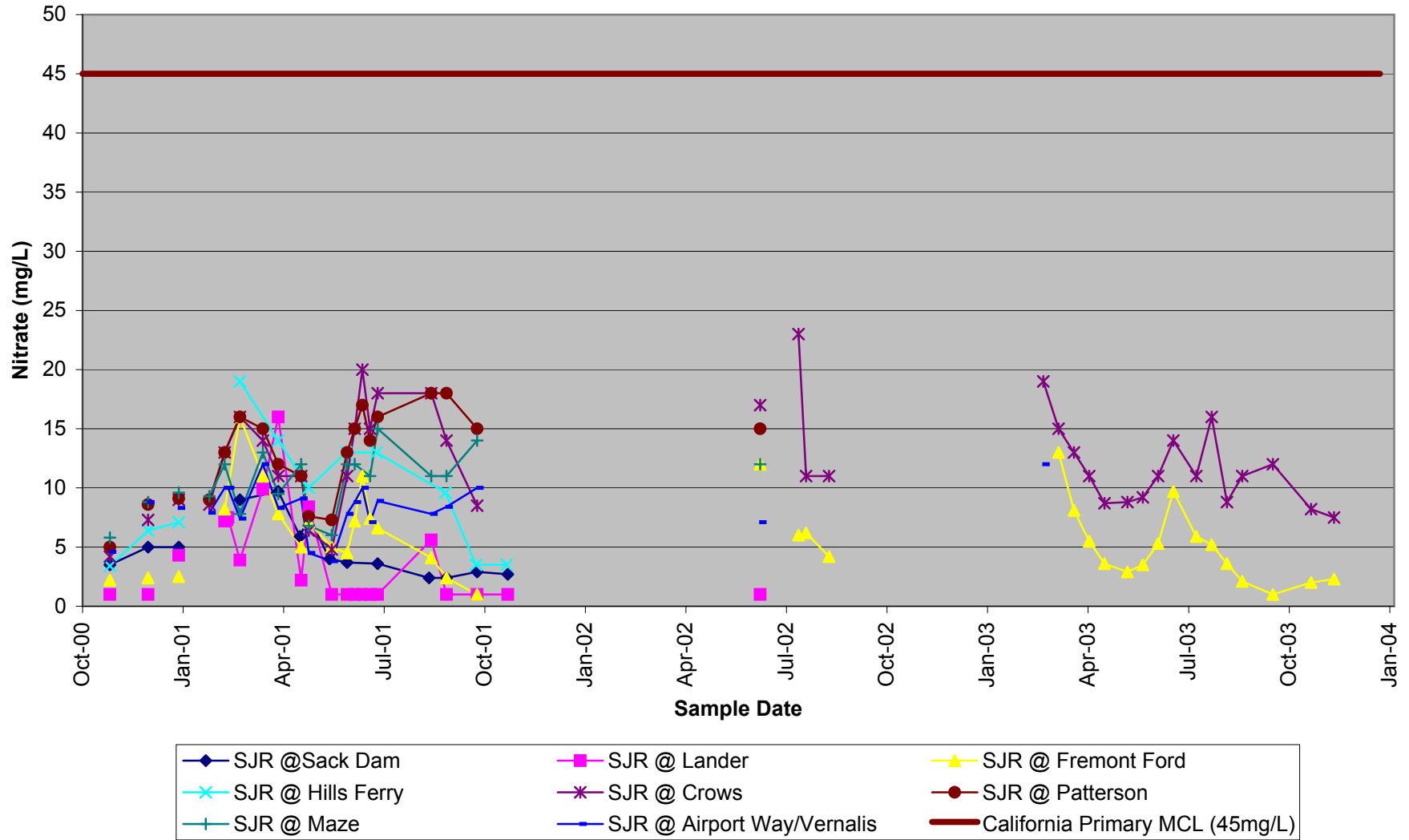
San Joaquin River Main Stem *Escherichia coli* WY02-WY05



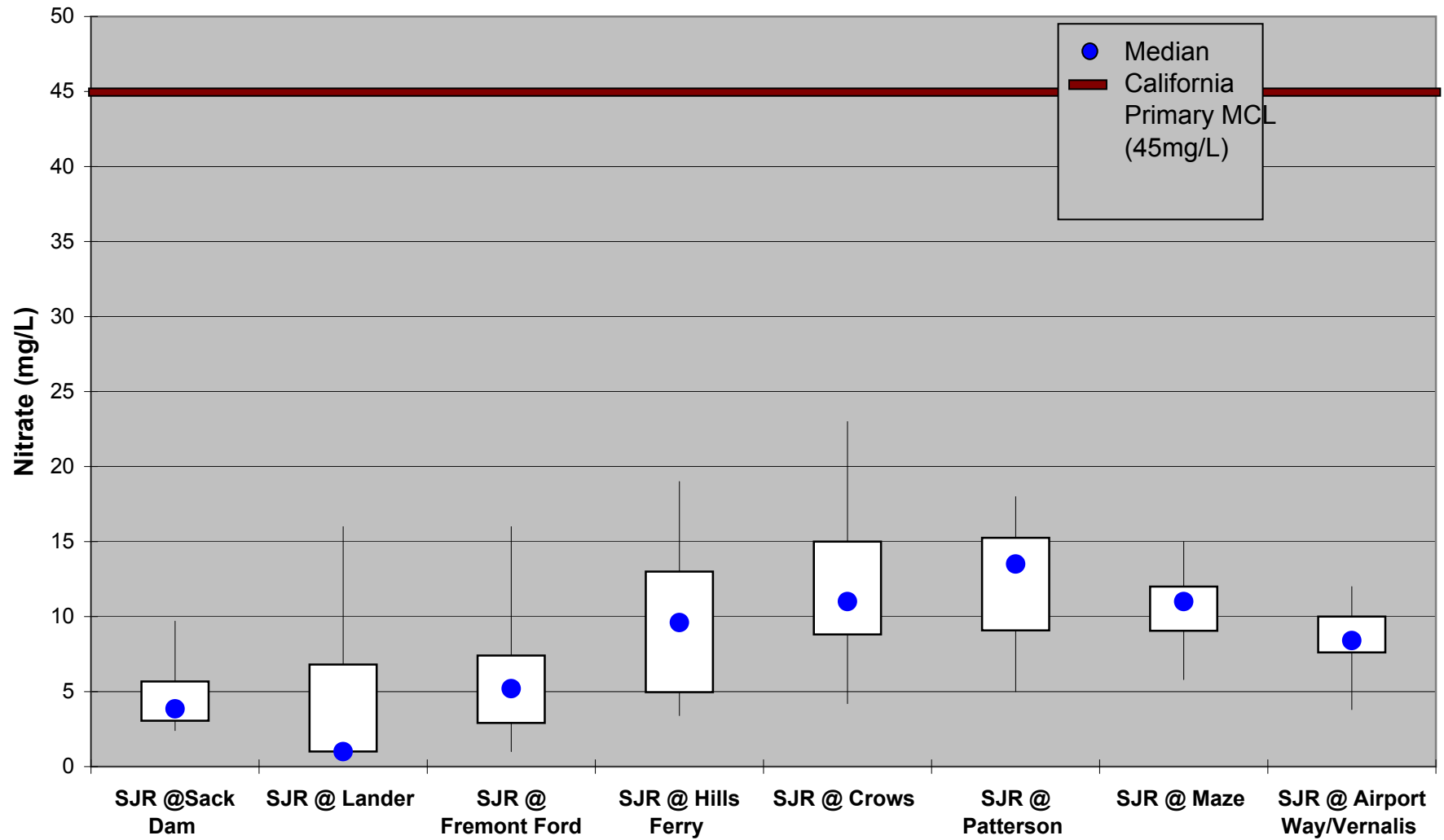
San Joaquin River Main Stem *Escherichia coli* WY02-WY05



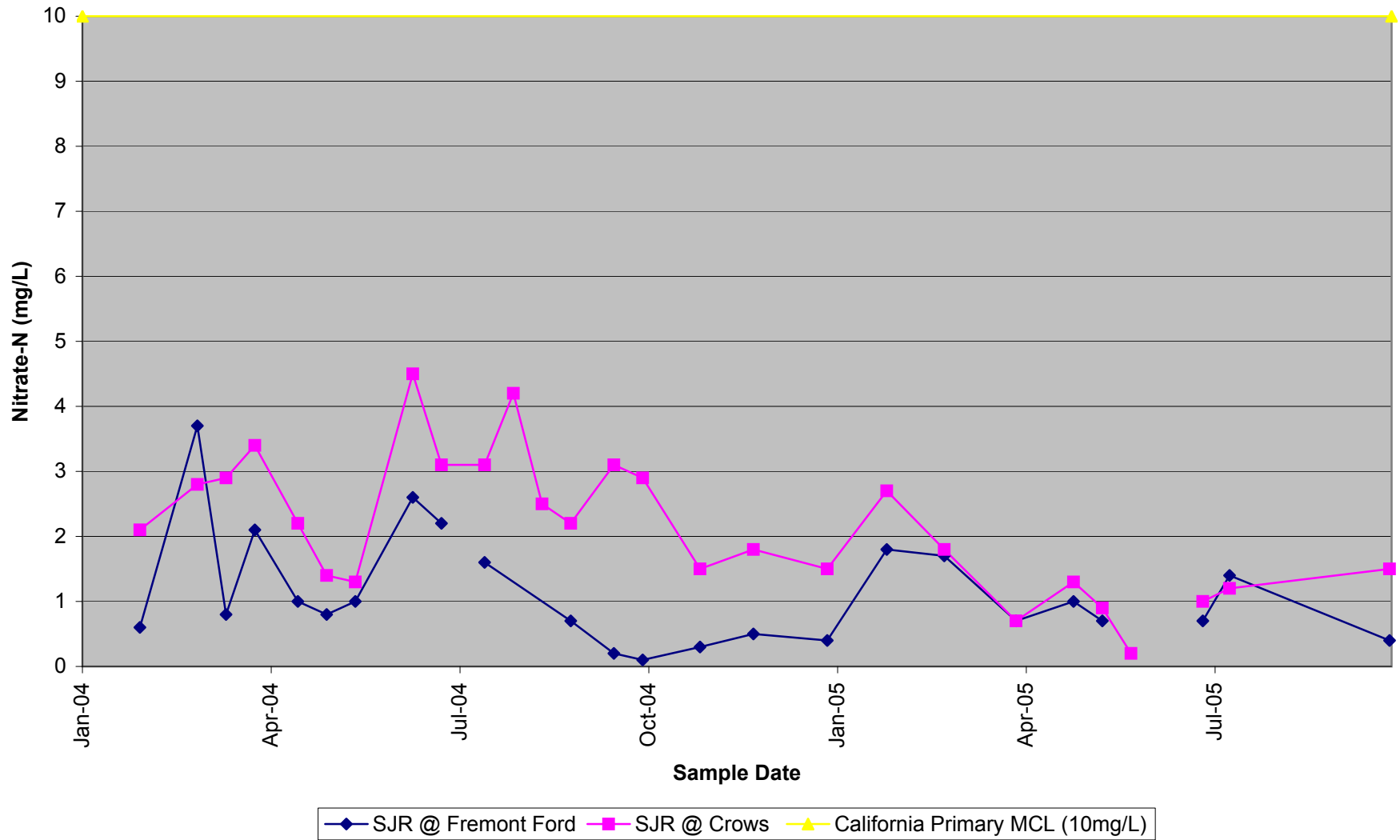
San Joaquin River Main Stem Nitrate WY01-WY04



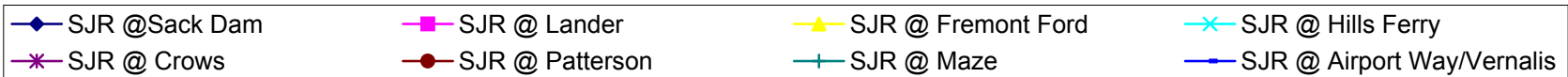
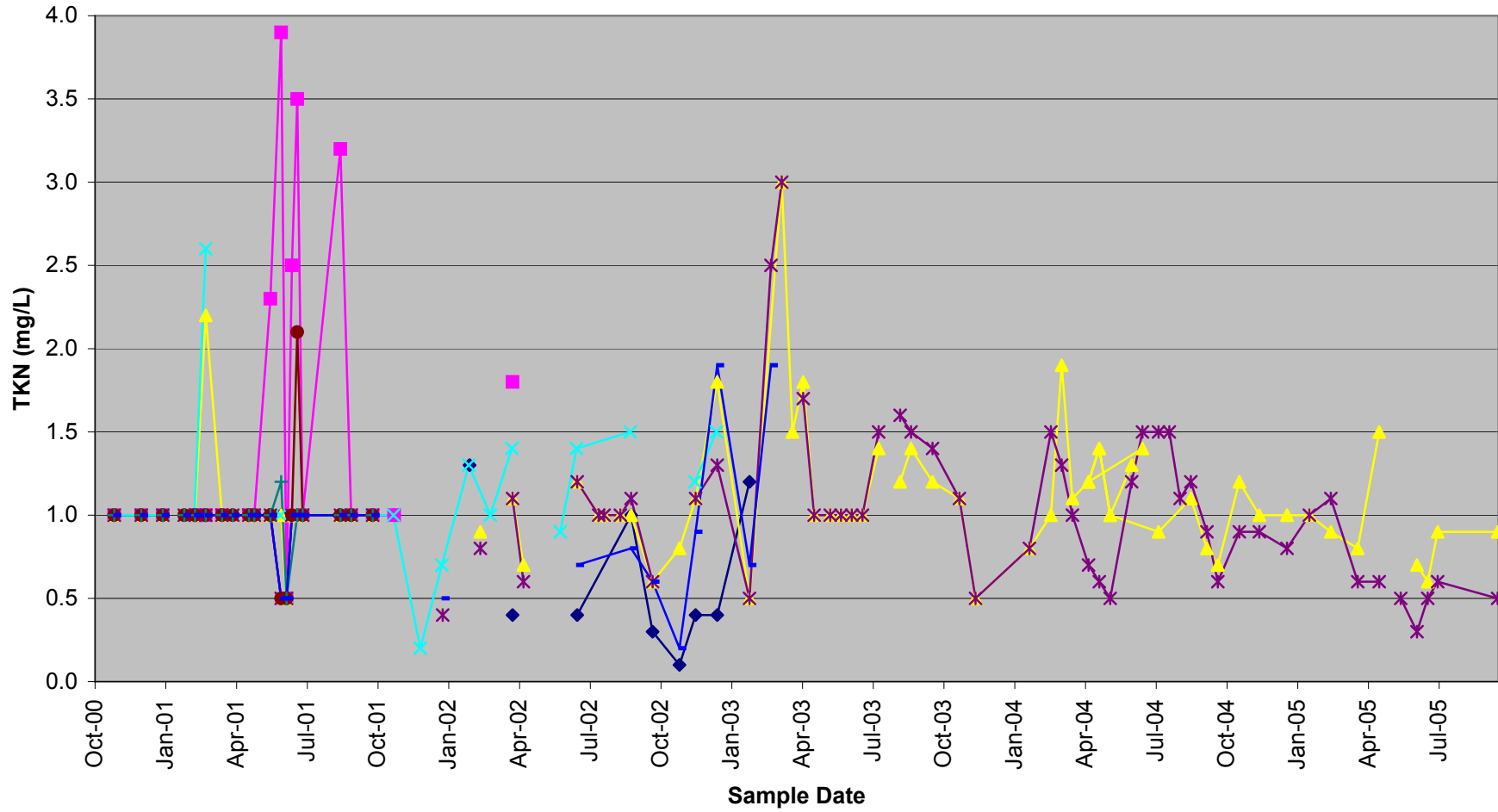
San Joaquin River Main Stem Nitrate WY01-WY04



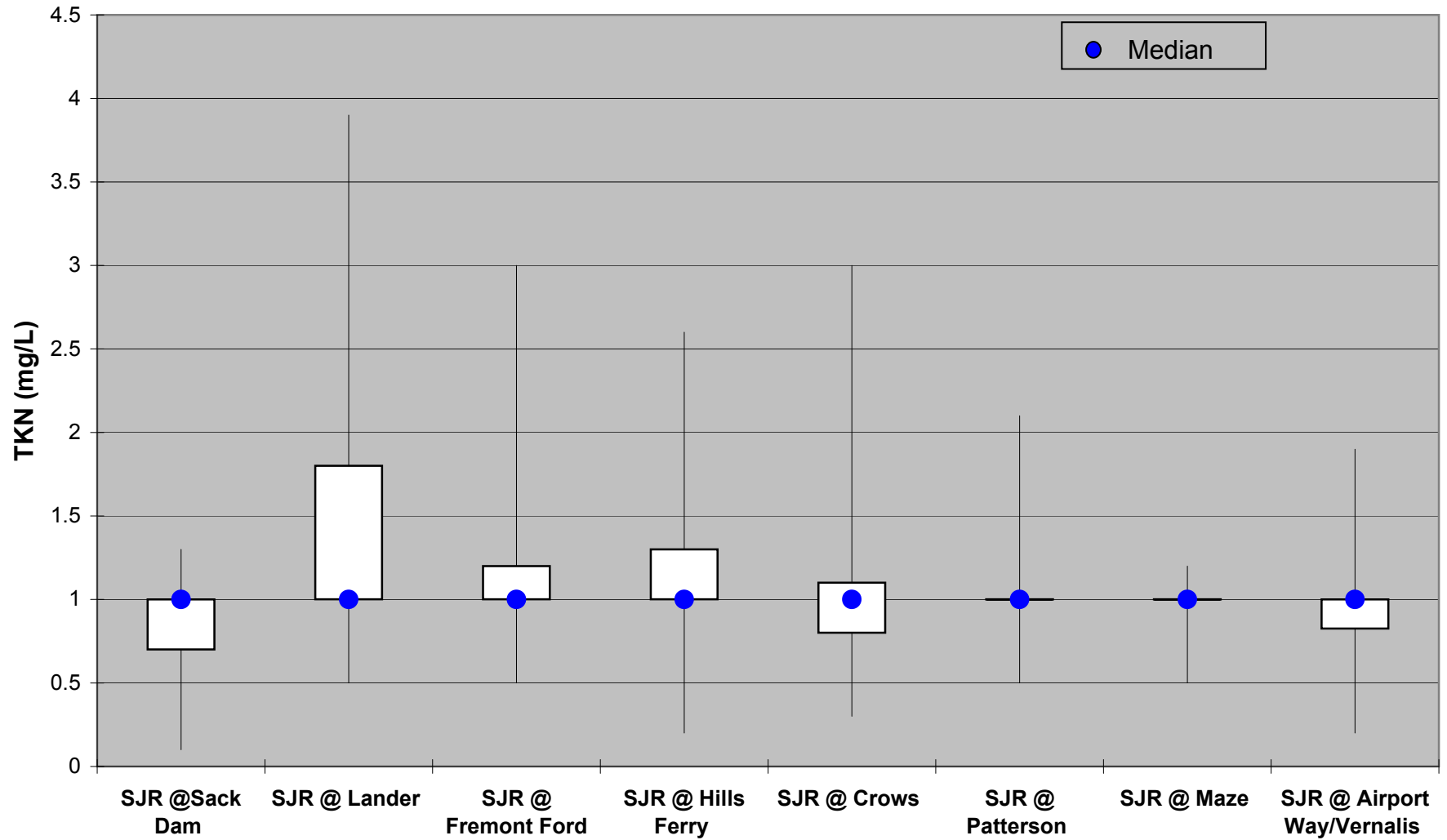
San Joaquin River Main Stem Nitrate-N WY04-WY05



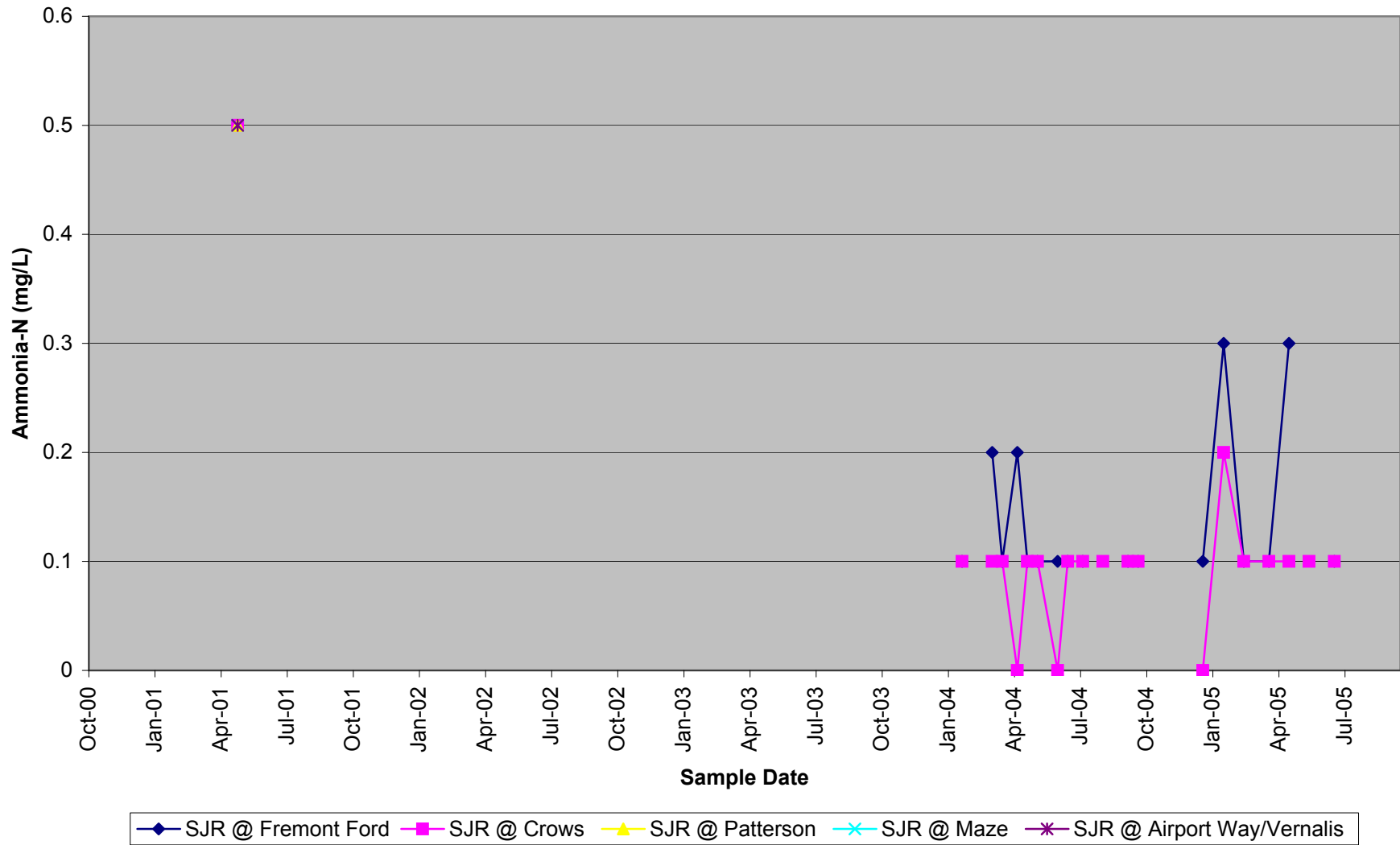
San Joaquin River Main Stem Total Kjeldahl Nitrogen WY01-WY05



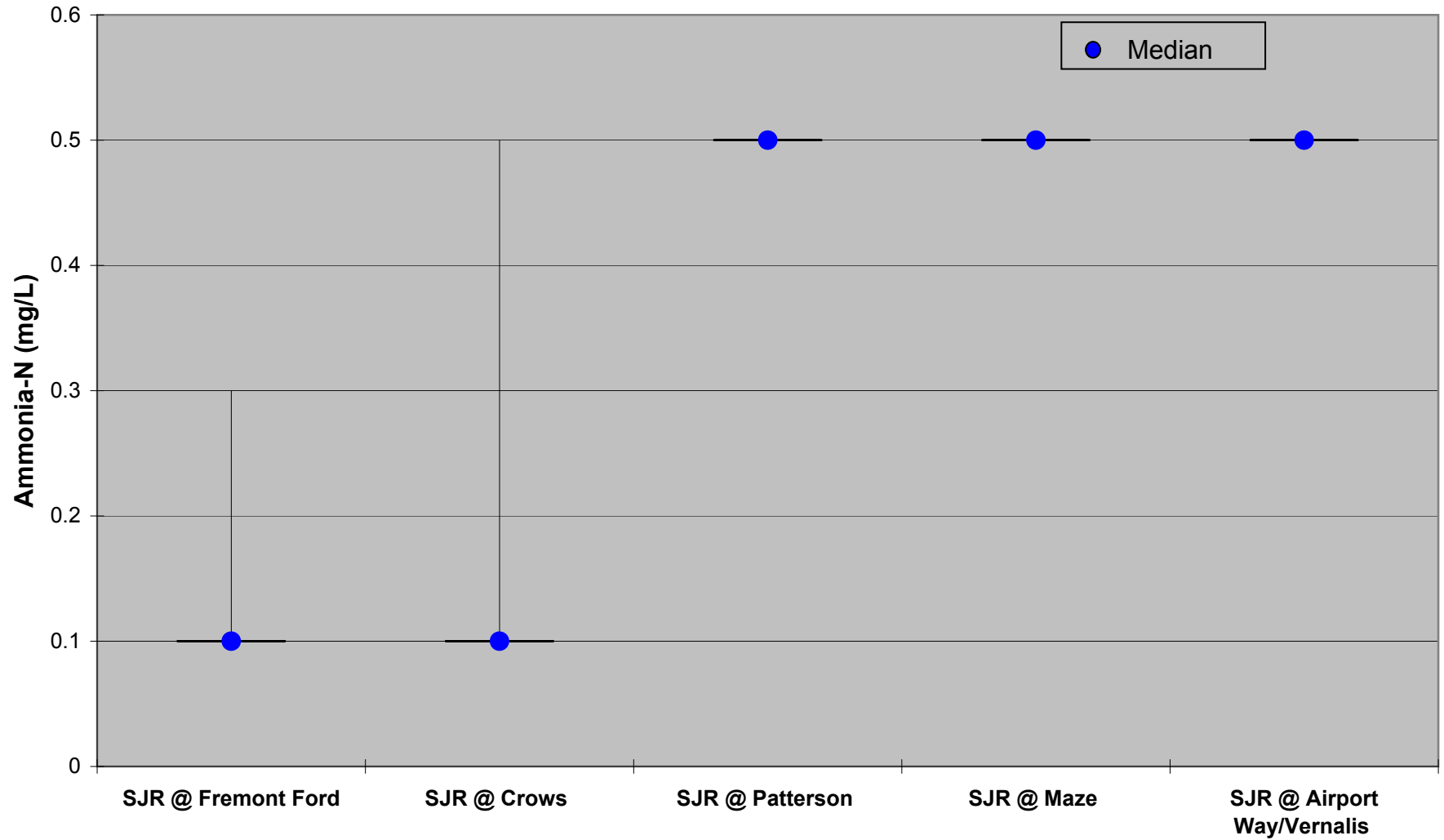
San Joaquin River Main Stem Total Kjeldahl Nitrogen WY01-WY05



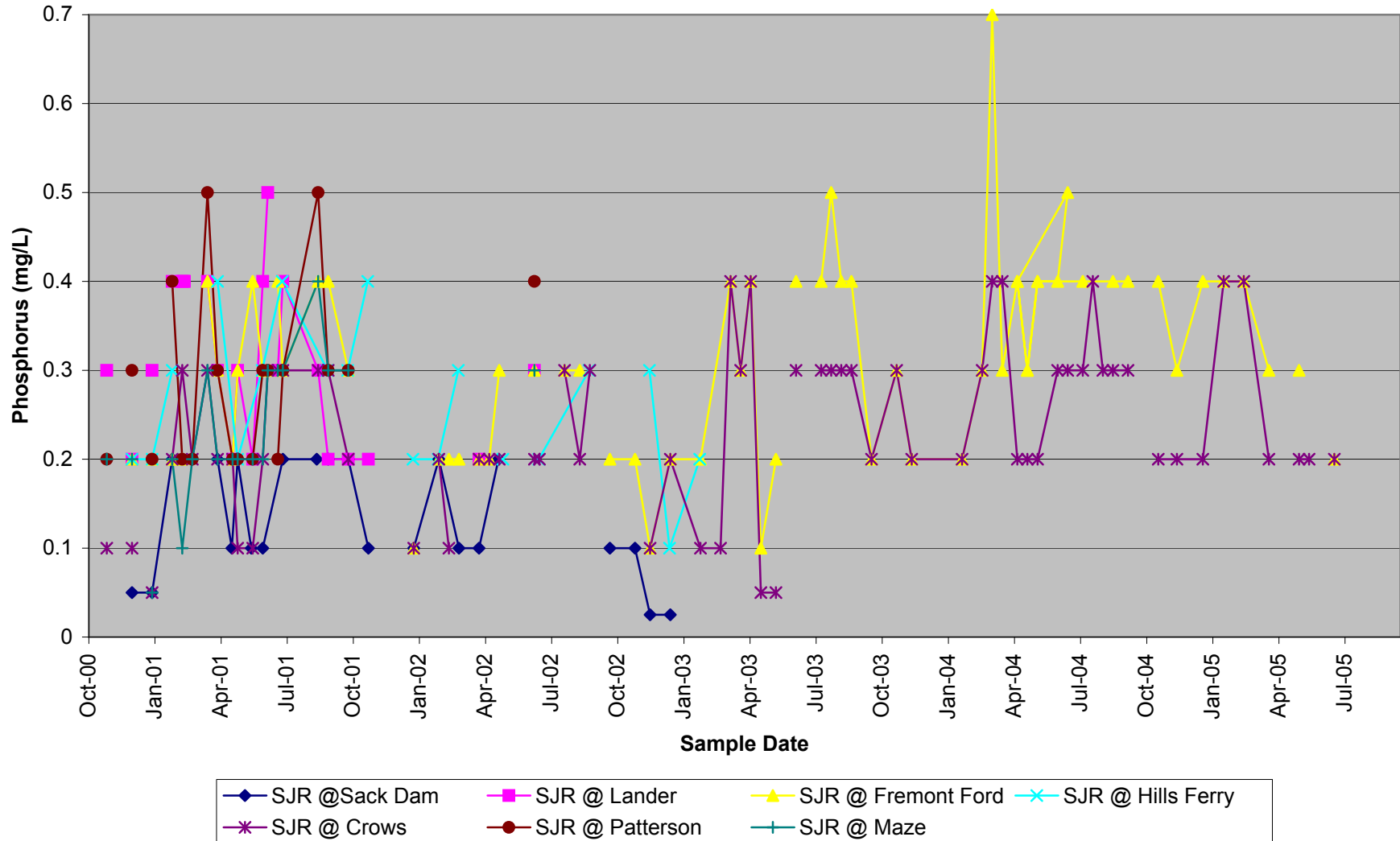
San Joaquin River Main Stem Ammonia-N WY01-WY05



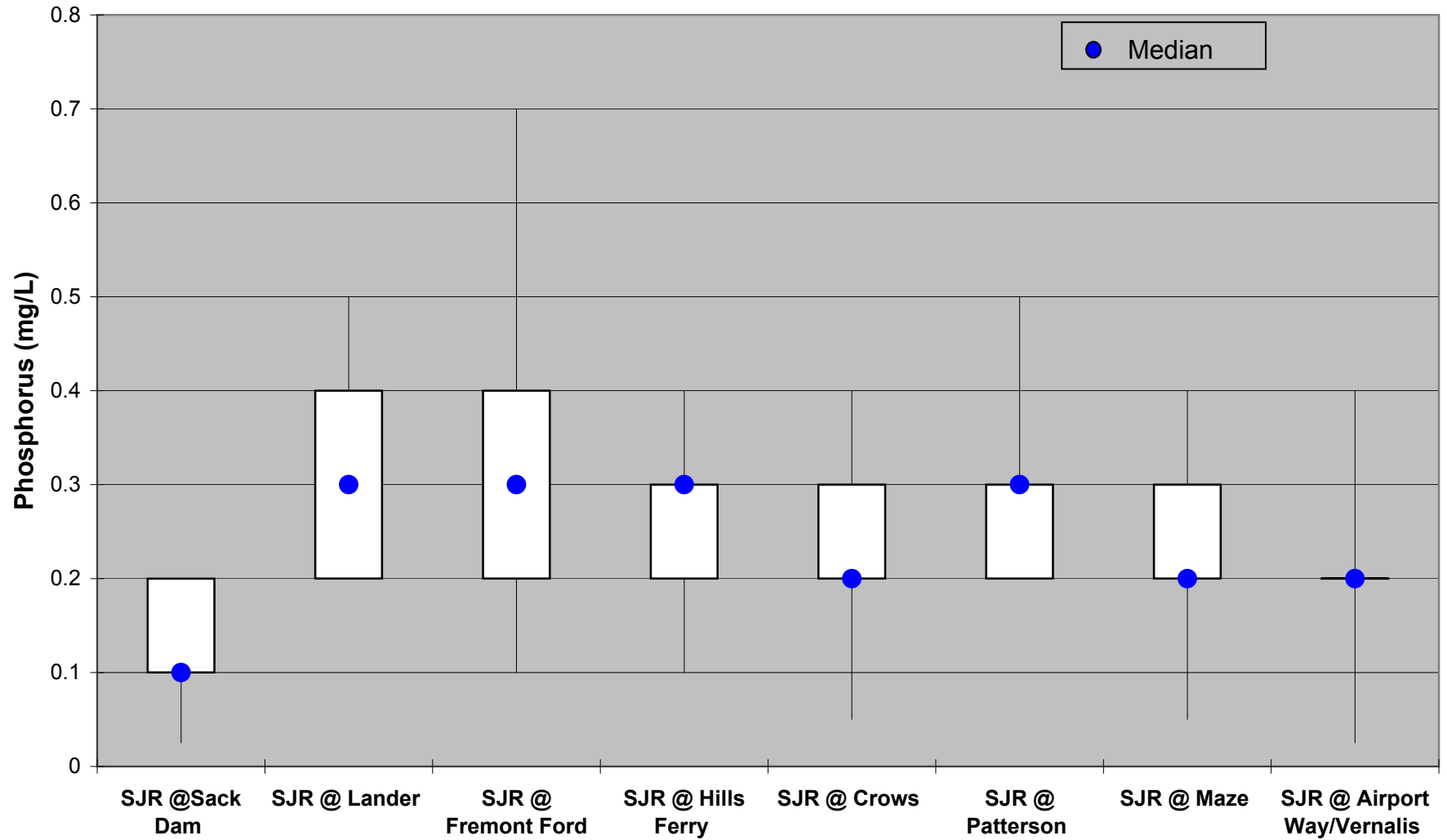
San Joaquin River Main Stem Ammonia-N WY04-WY05



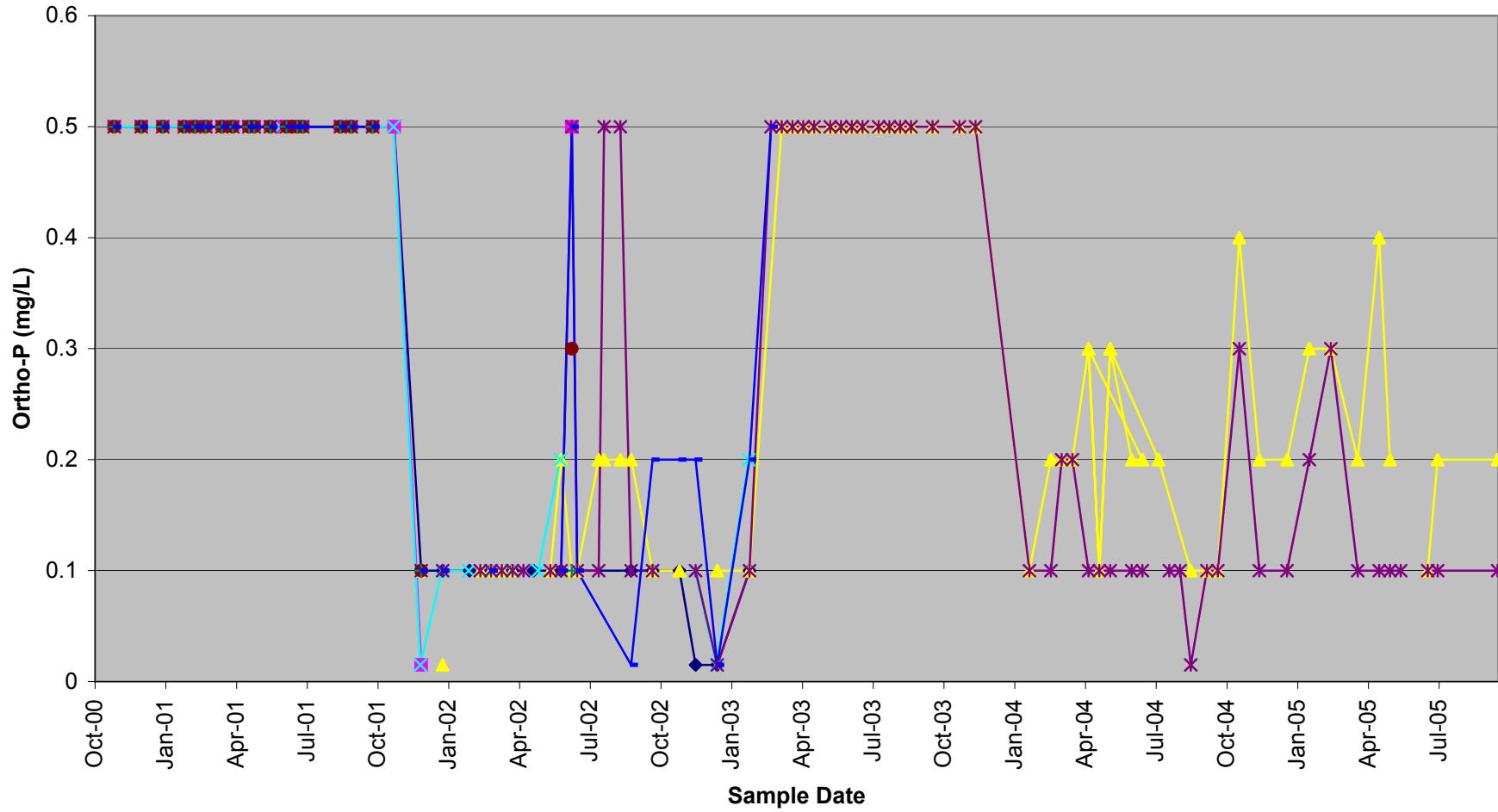
San Joaquin River Main Stem Phosphorus WY01-WY05



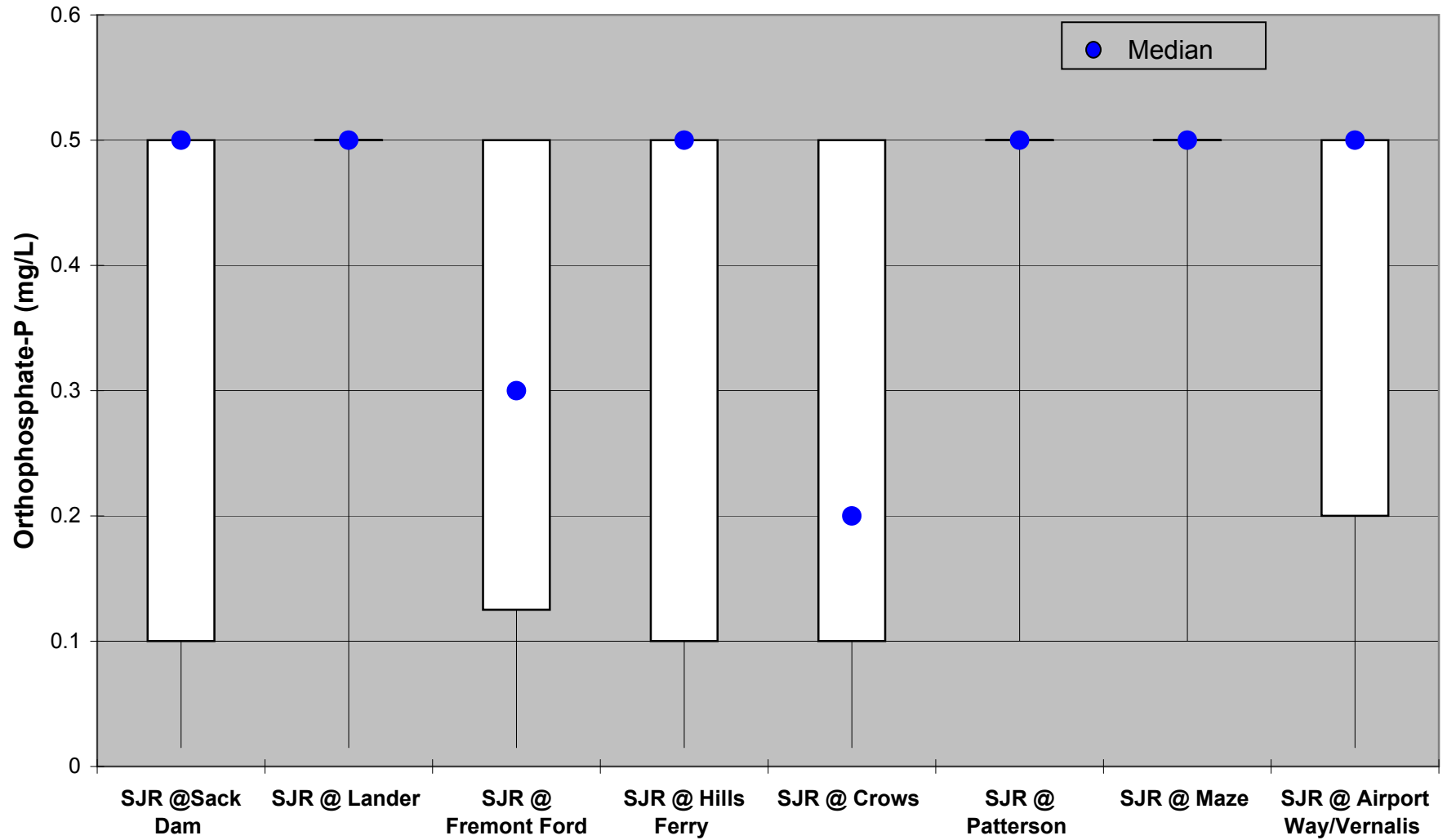
San Joaquin River Main Stem Phosphorus WY01-WY05



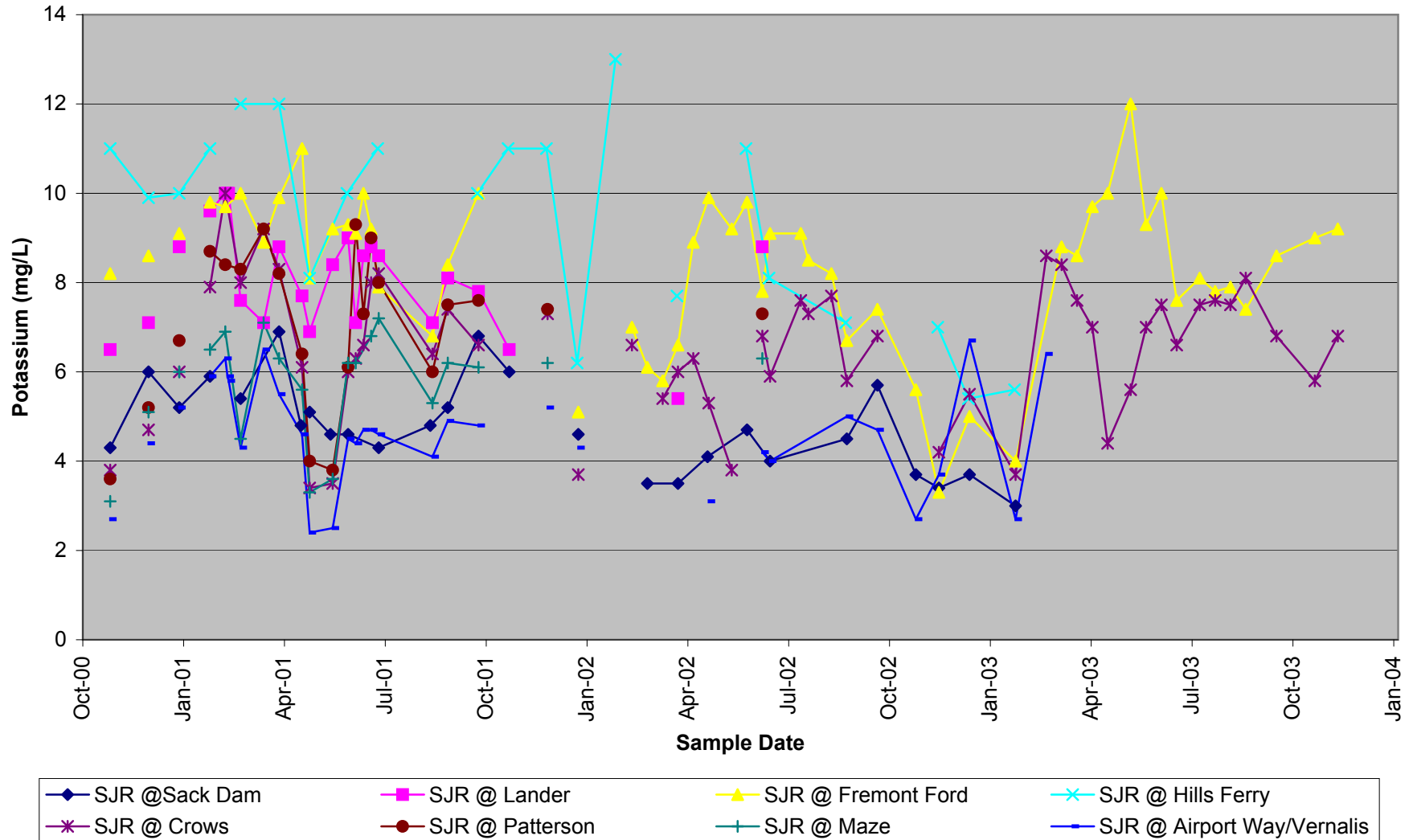
San Joaquin River Main Stem Orthophosphate-P WY01-WY05



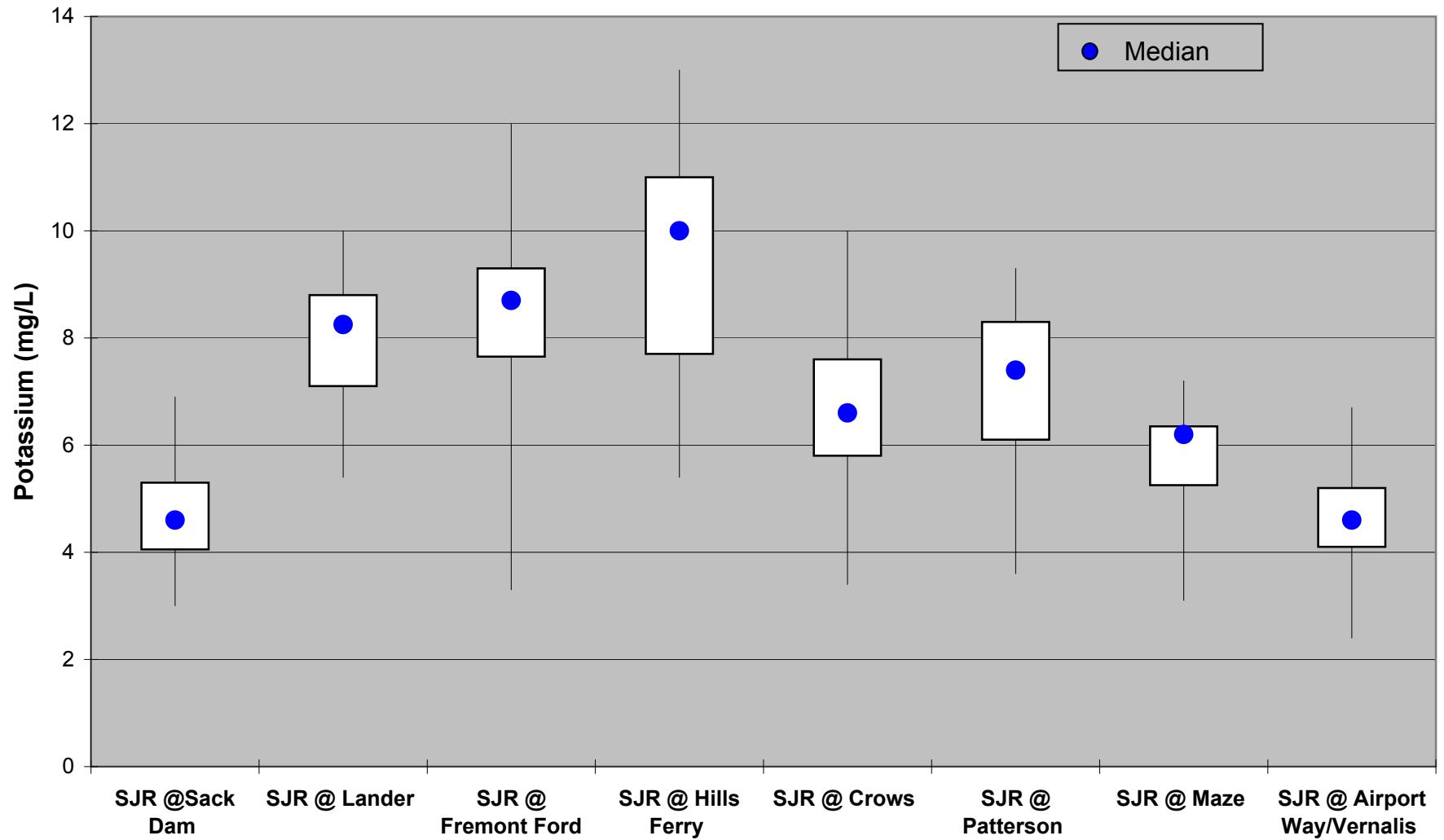
San Joaquin River Main Stem Orthophosphate-P WY01-WY05



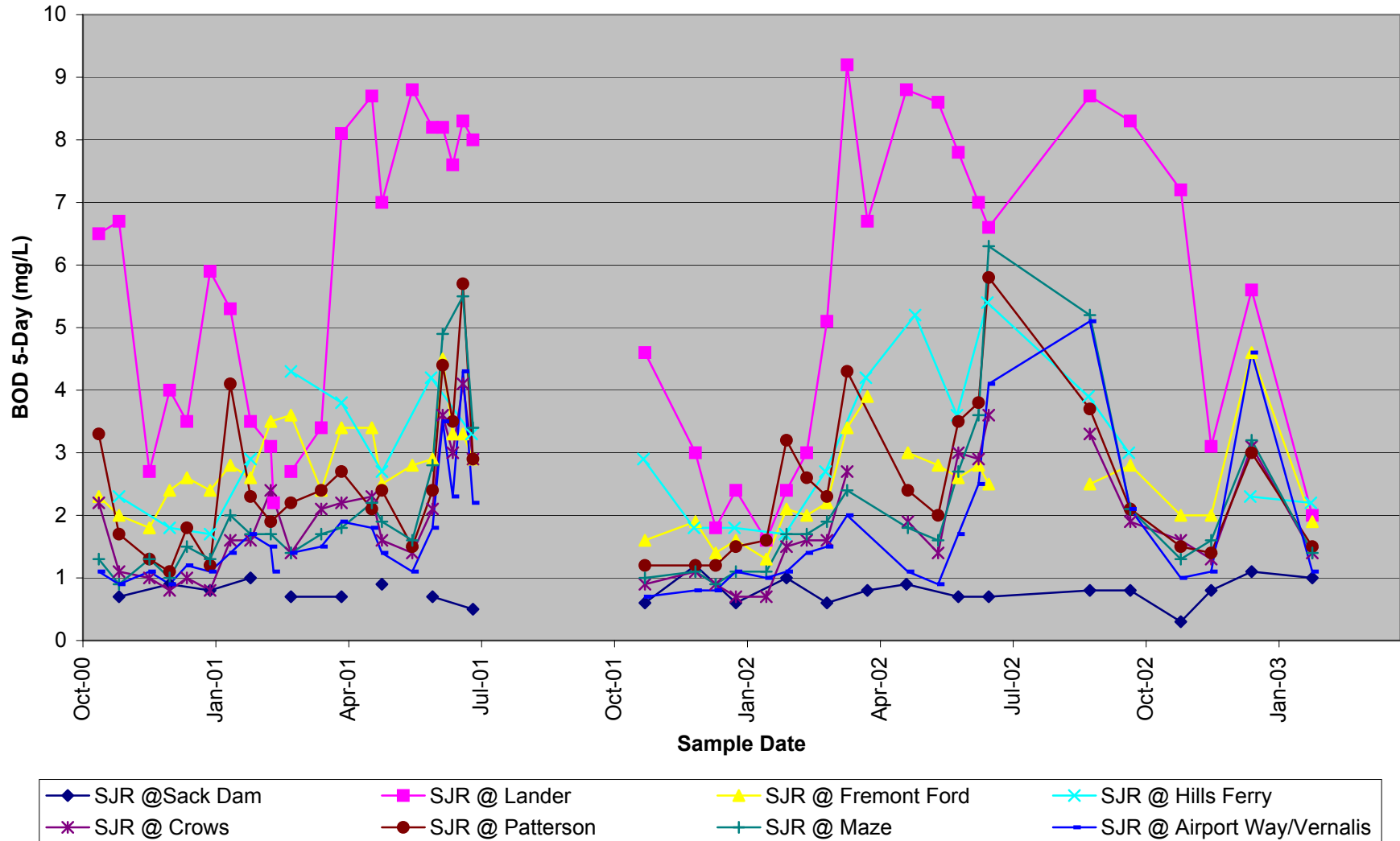
San Joaquin River Main Stem Potassium WY01-WY04



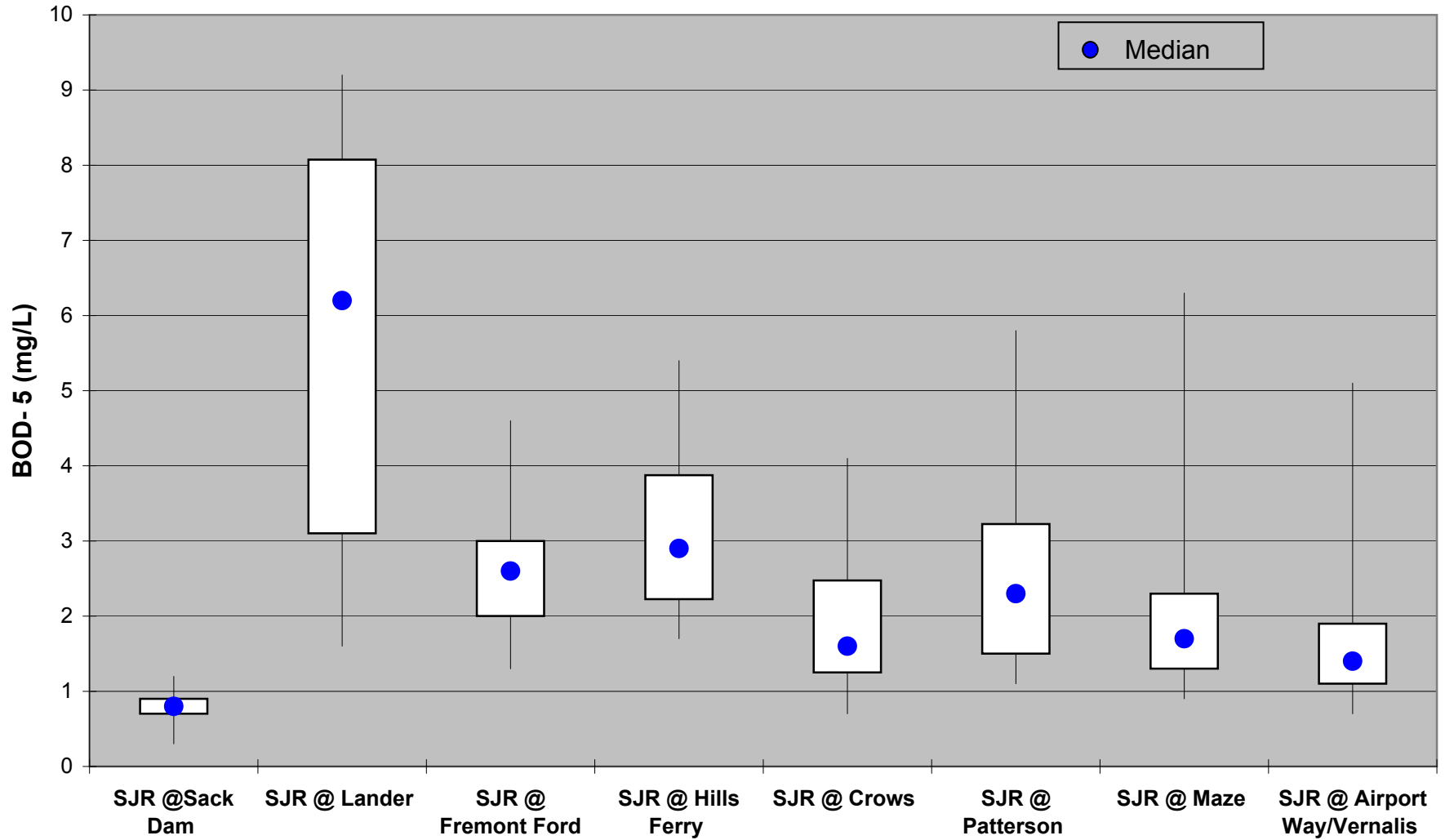
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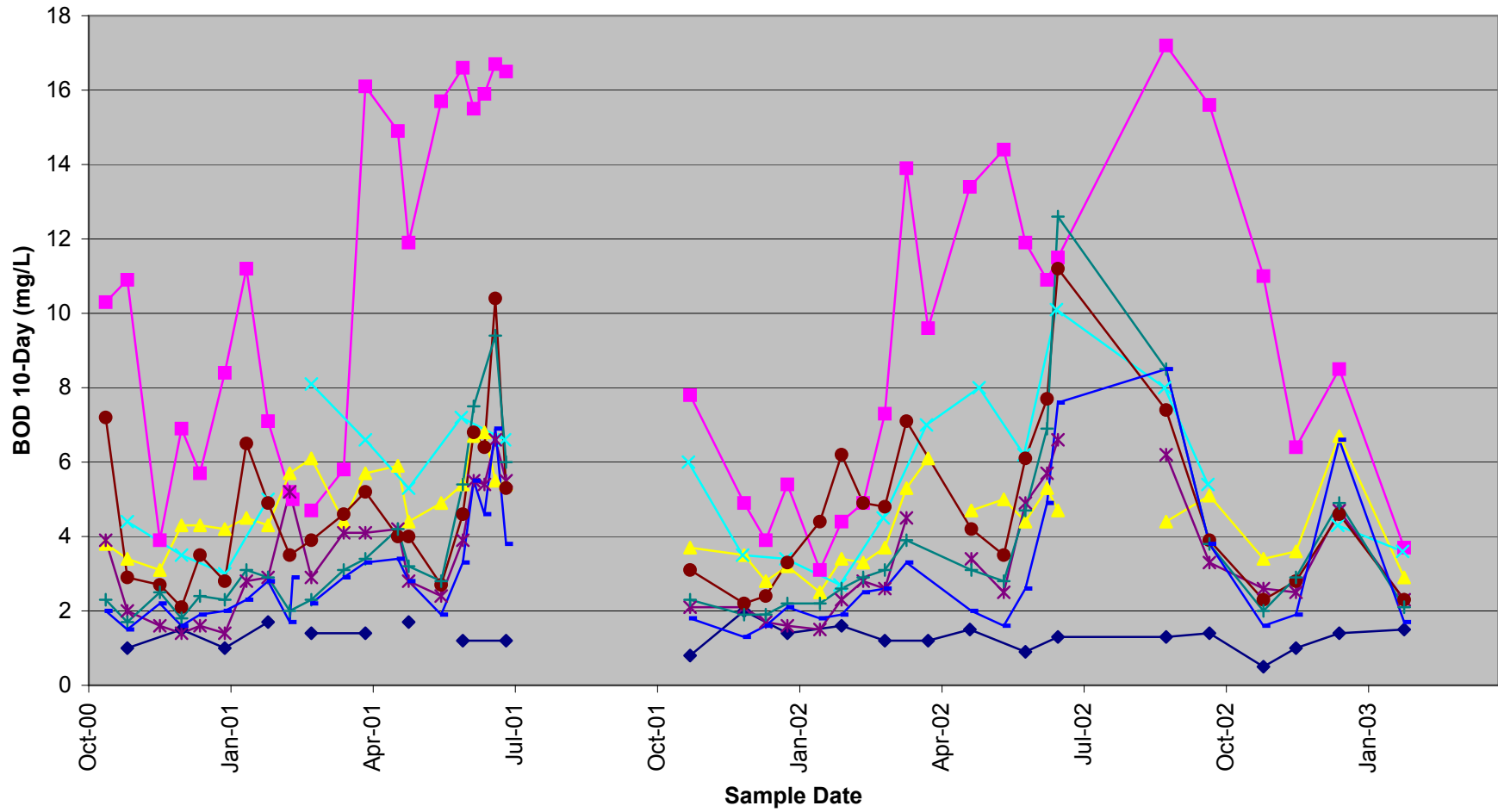
San Joaquin River Main Stem Biochemical Oxygen Demand 5-Day WY01-WY03



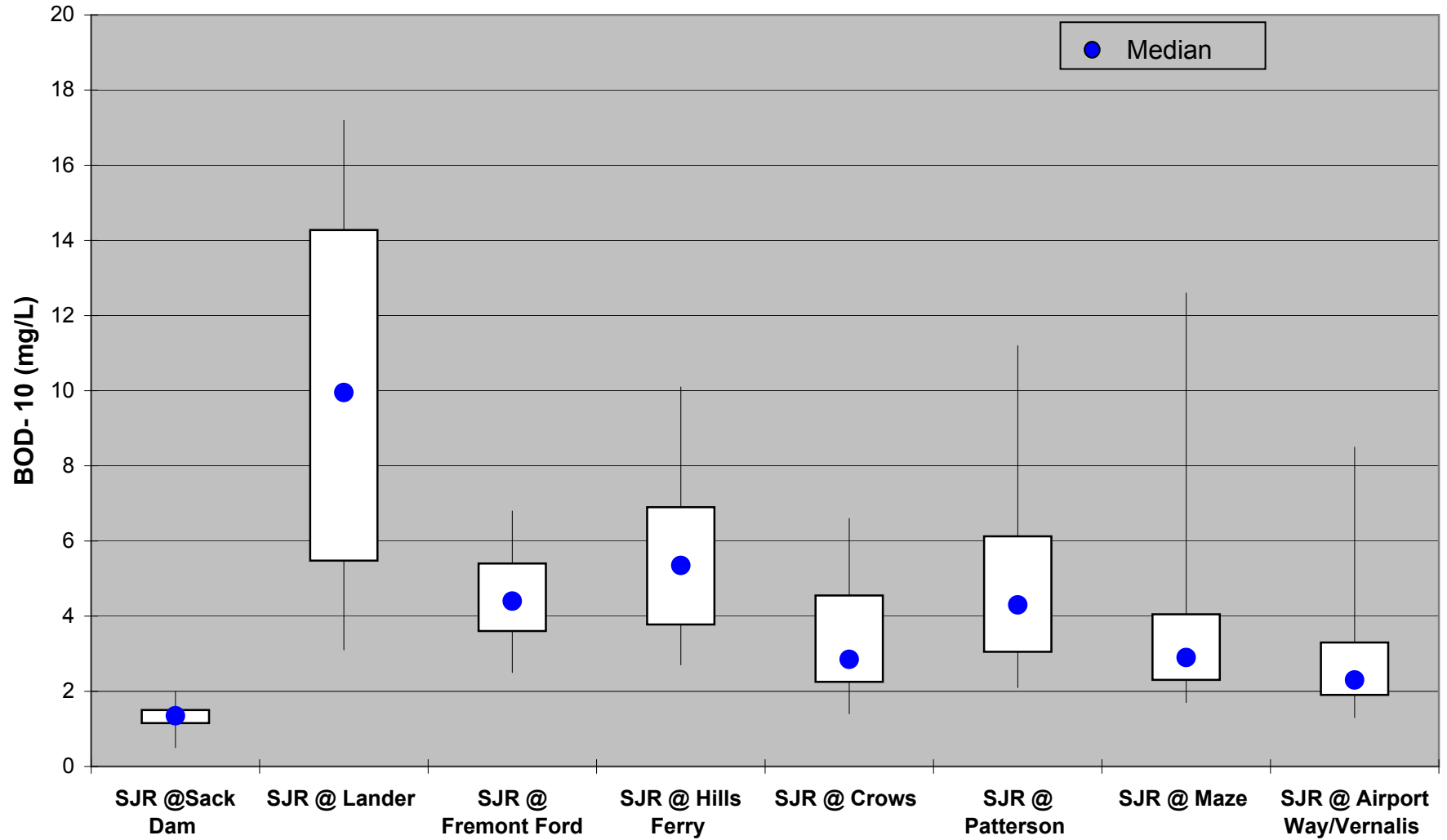
San Joaquin River Main Stem Biological Oxygen Demand 5-Day WY01-WY03



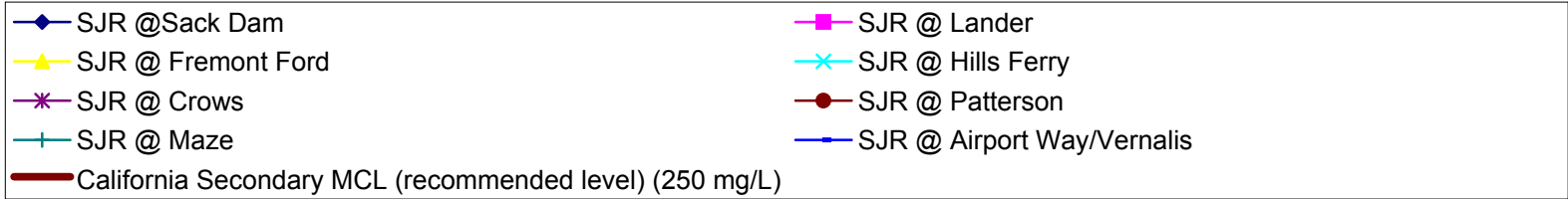
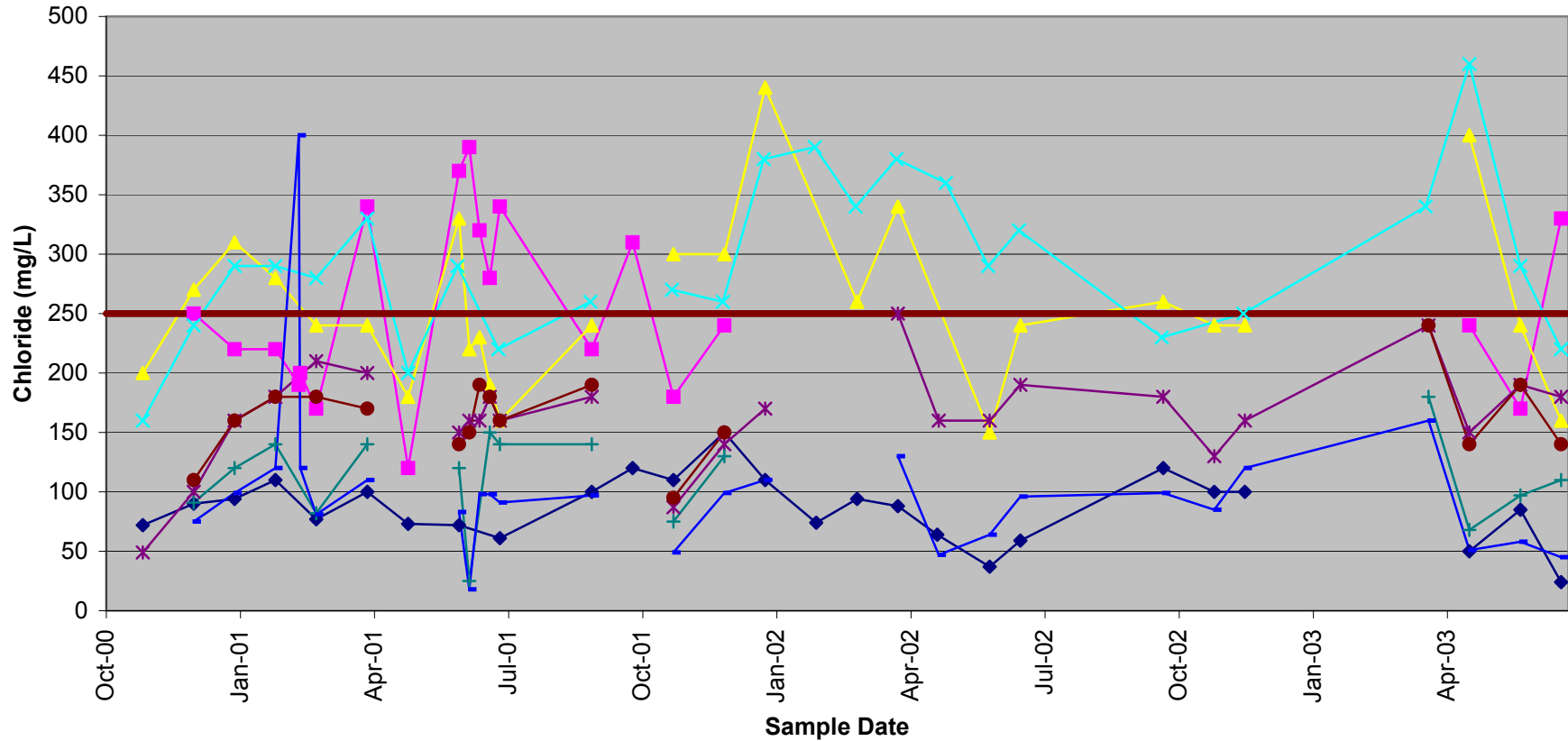
San Joaquin River Main Stem Biochemical Oxygen Demand 10-Day WY01-WY03



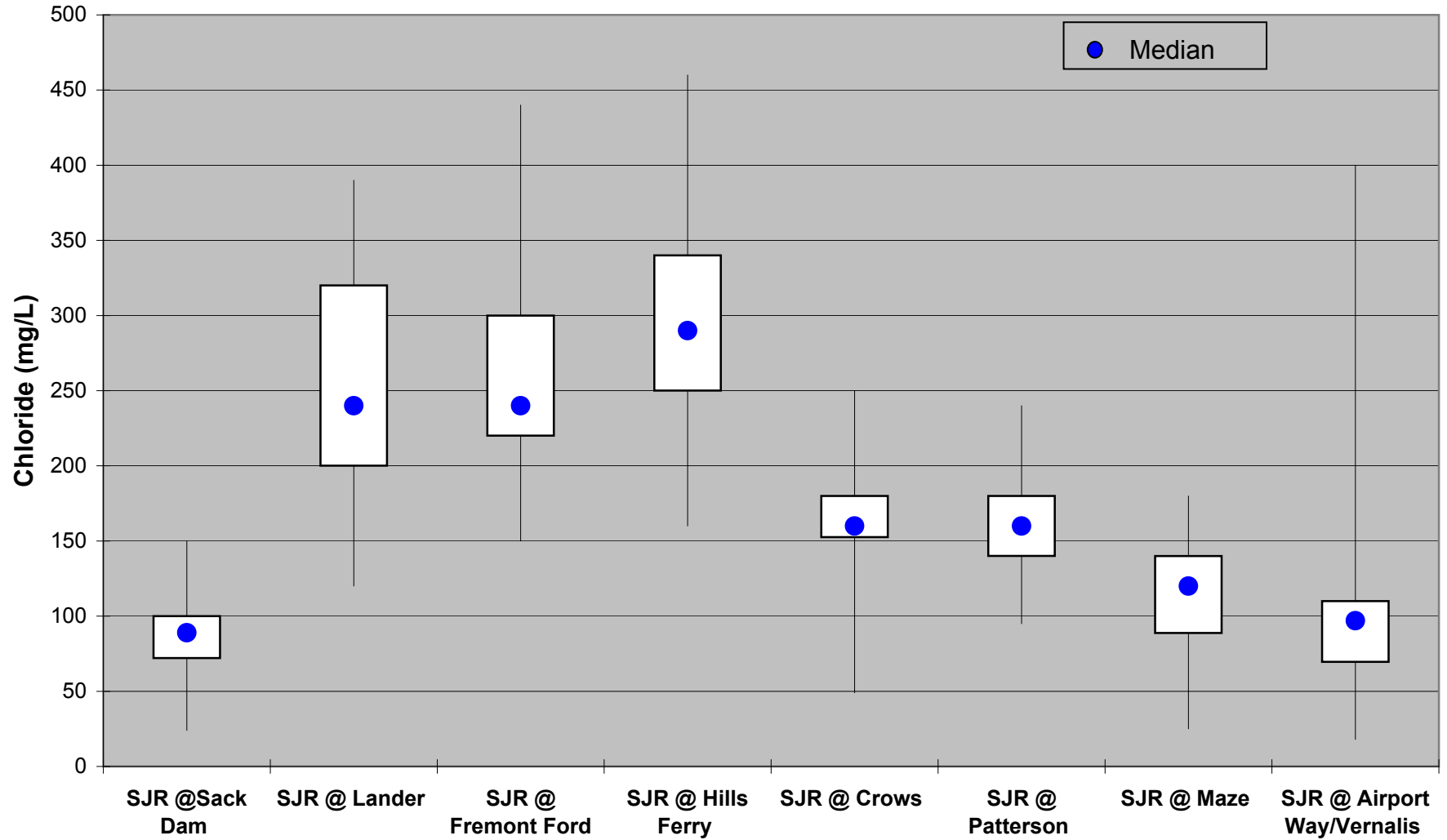
San Joaquin River Main Stem Biological Oxygen Demand 10-Day WY01-WY03



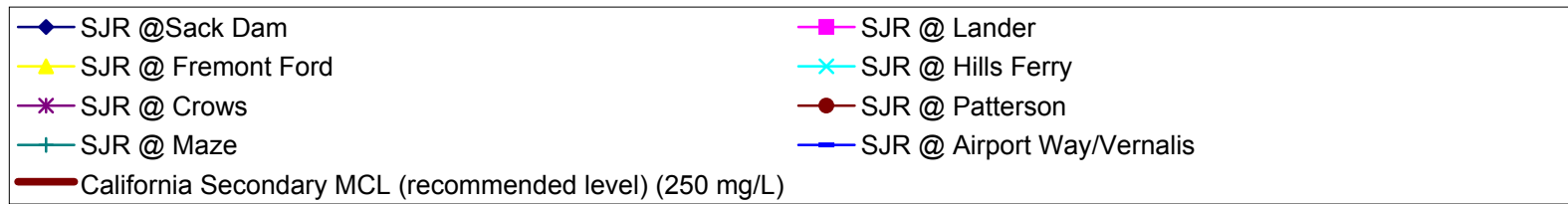
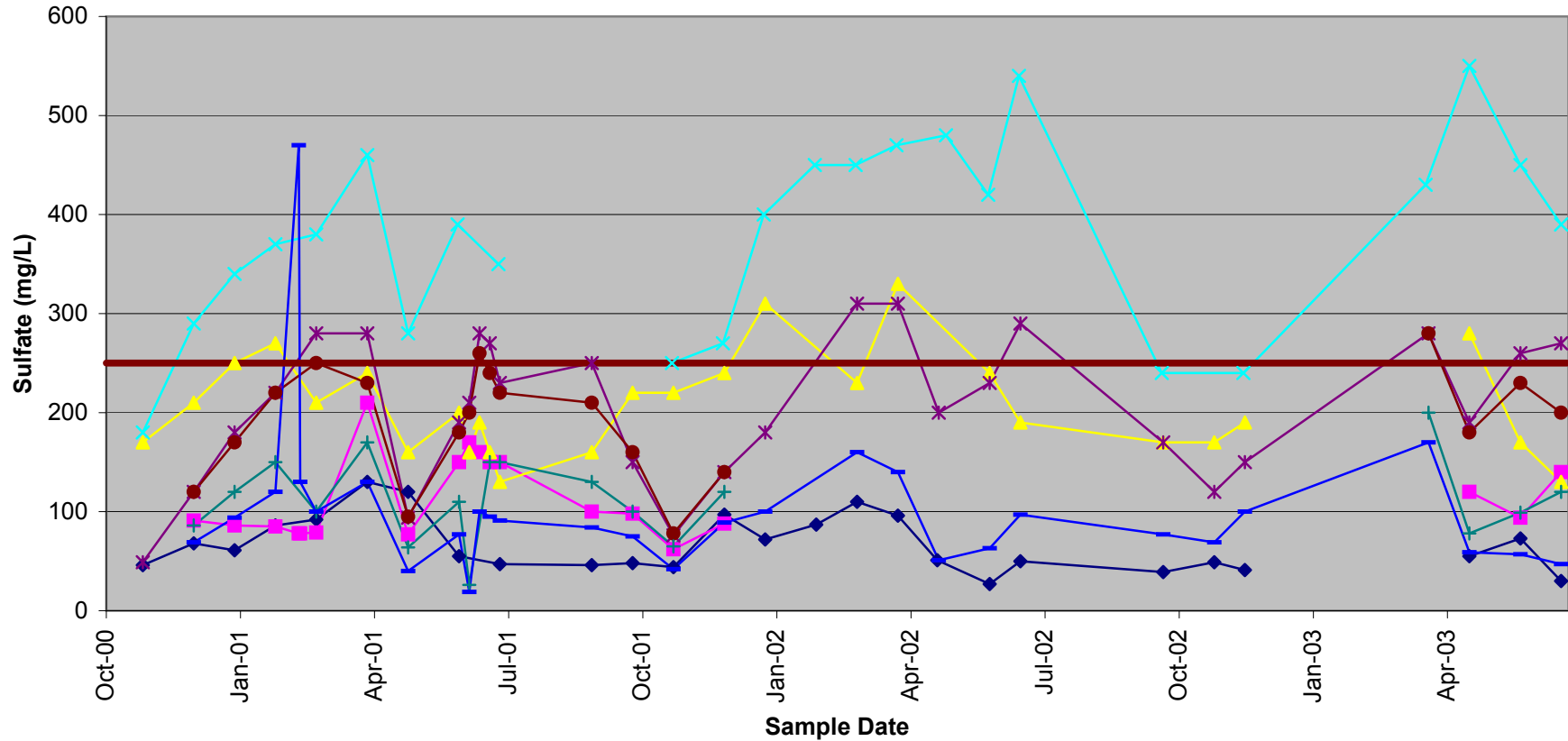
San Joaquin River Main Stem Chloride WY01-WY03



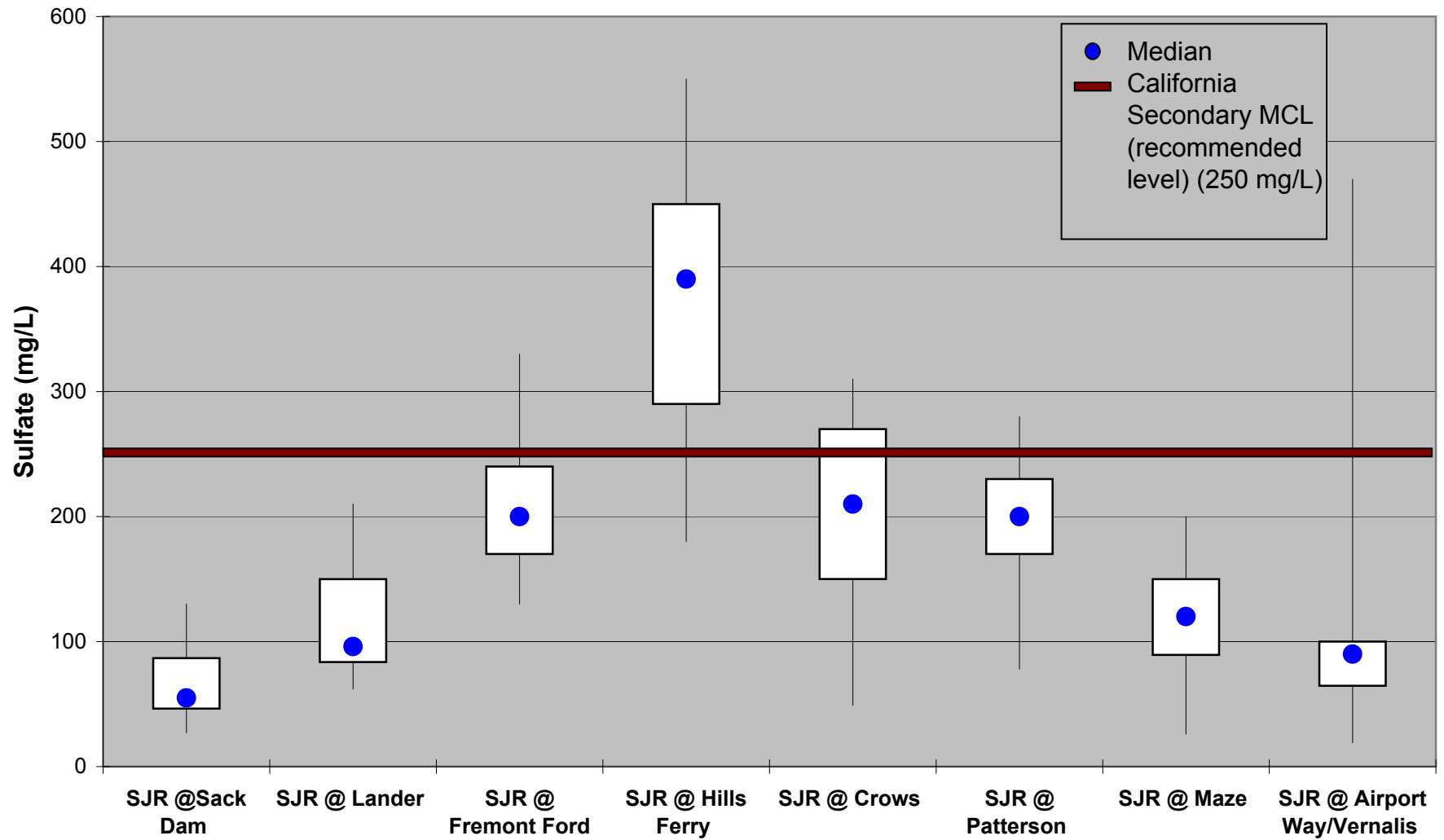
San Joaquin River Main Stem Chloride WY01-WY03



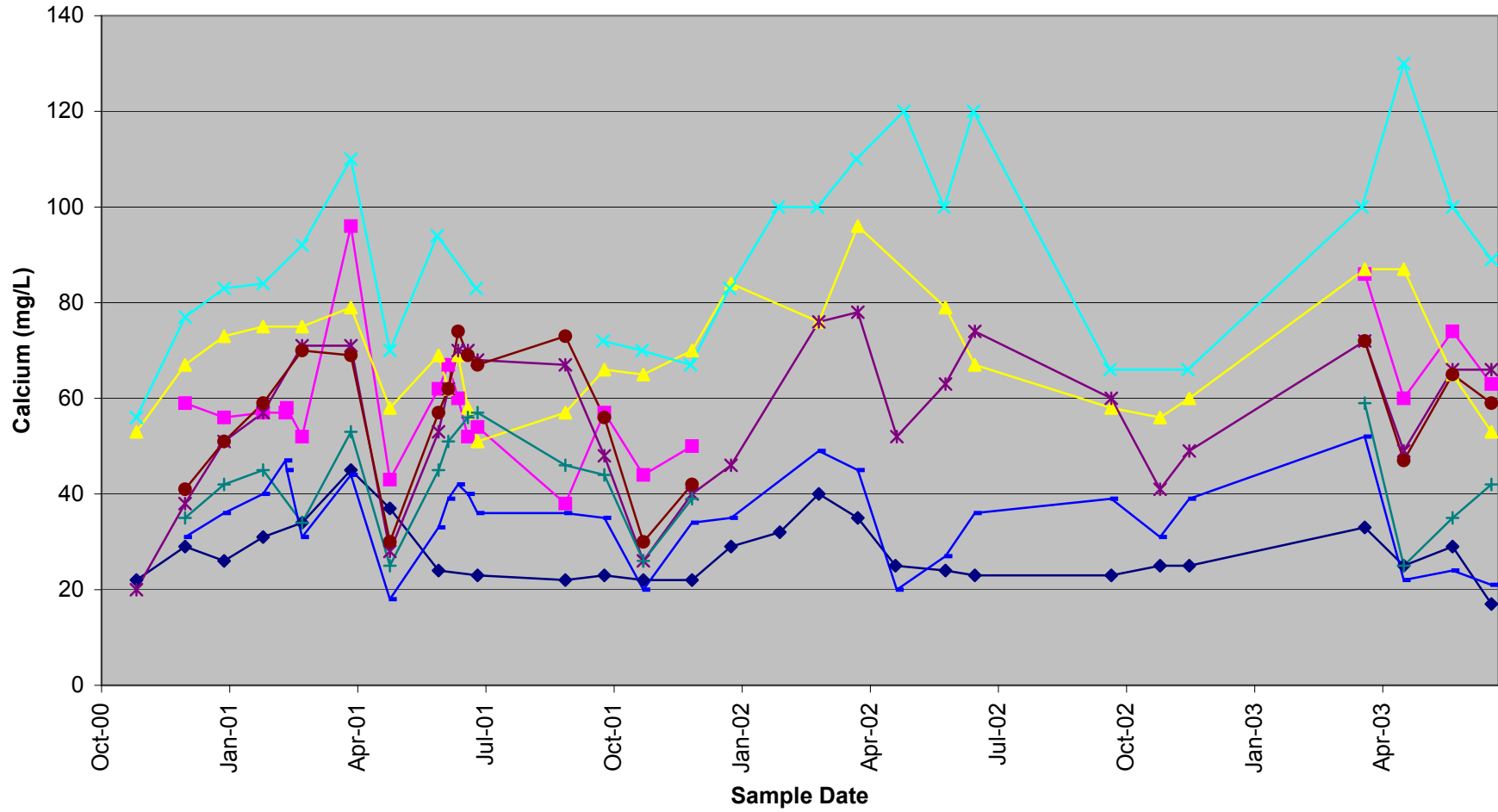
San Joaquin River Main Stem Sulfate WY01-WY03



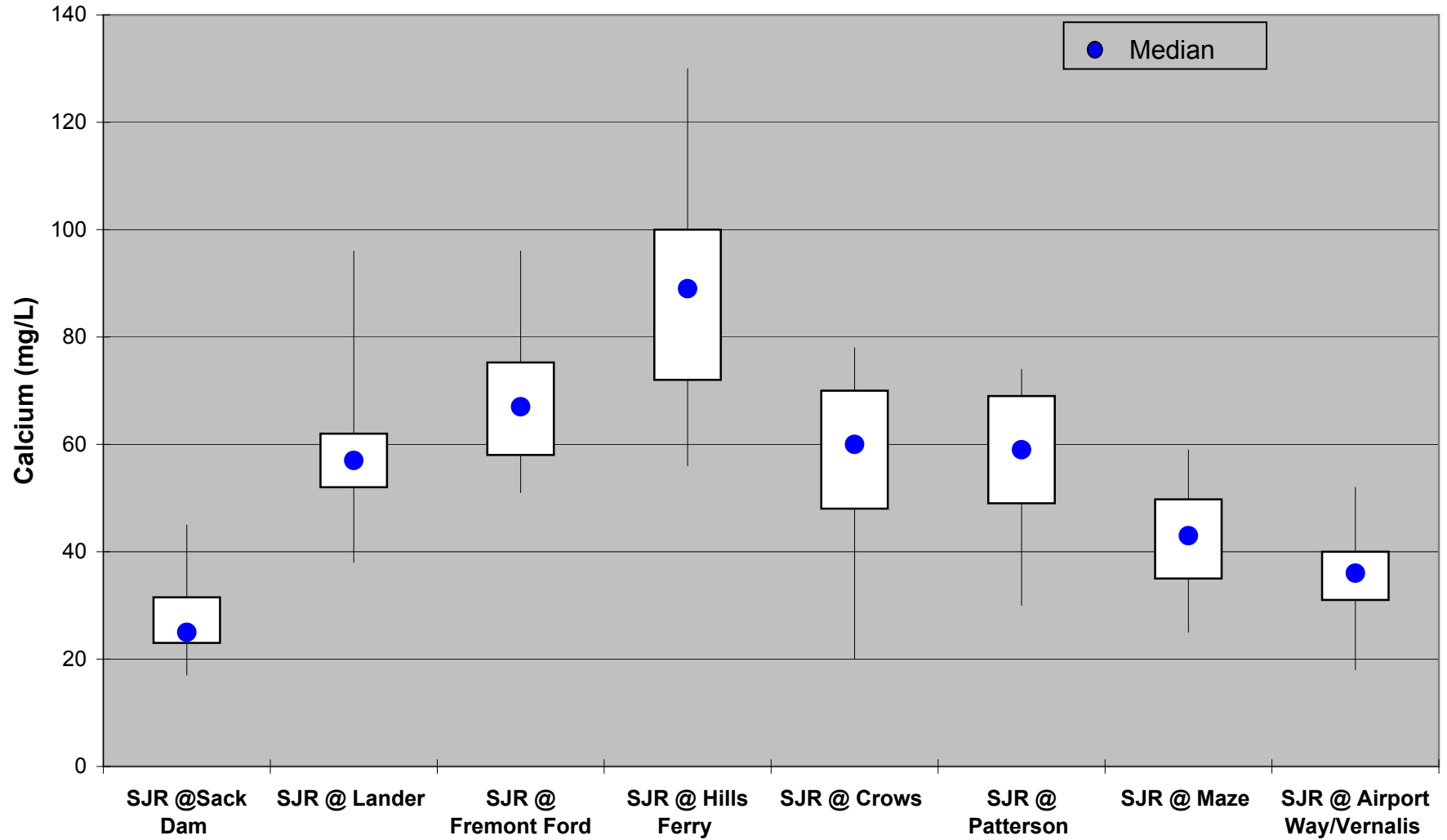
San Joaquin River Main Stem Sulfate WY01-WY03



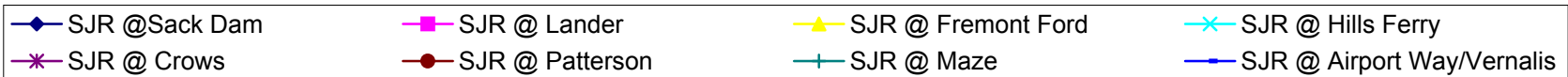
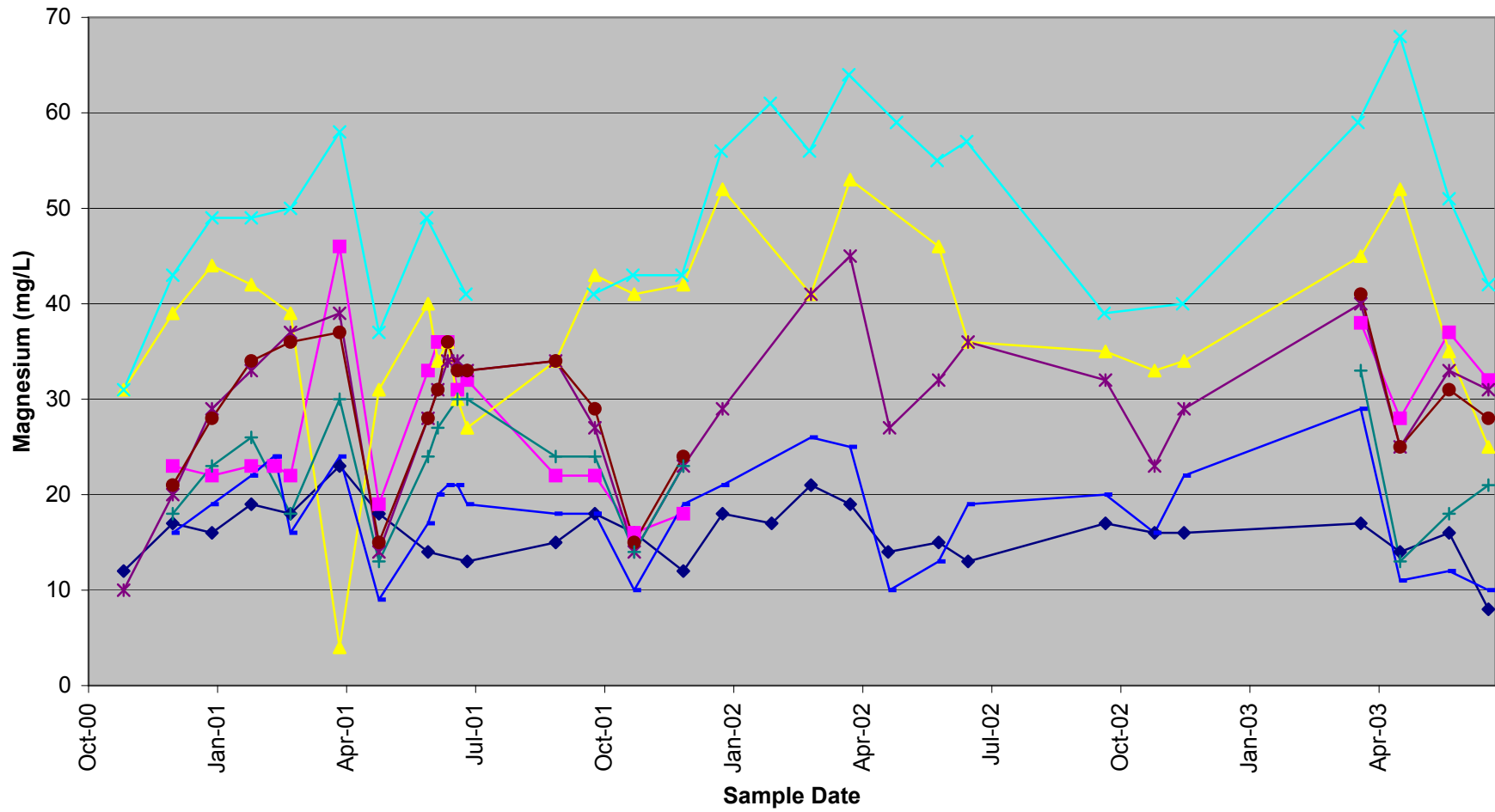
San Joaquin River Main Stem Calcium WY01-WY03



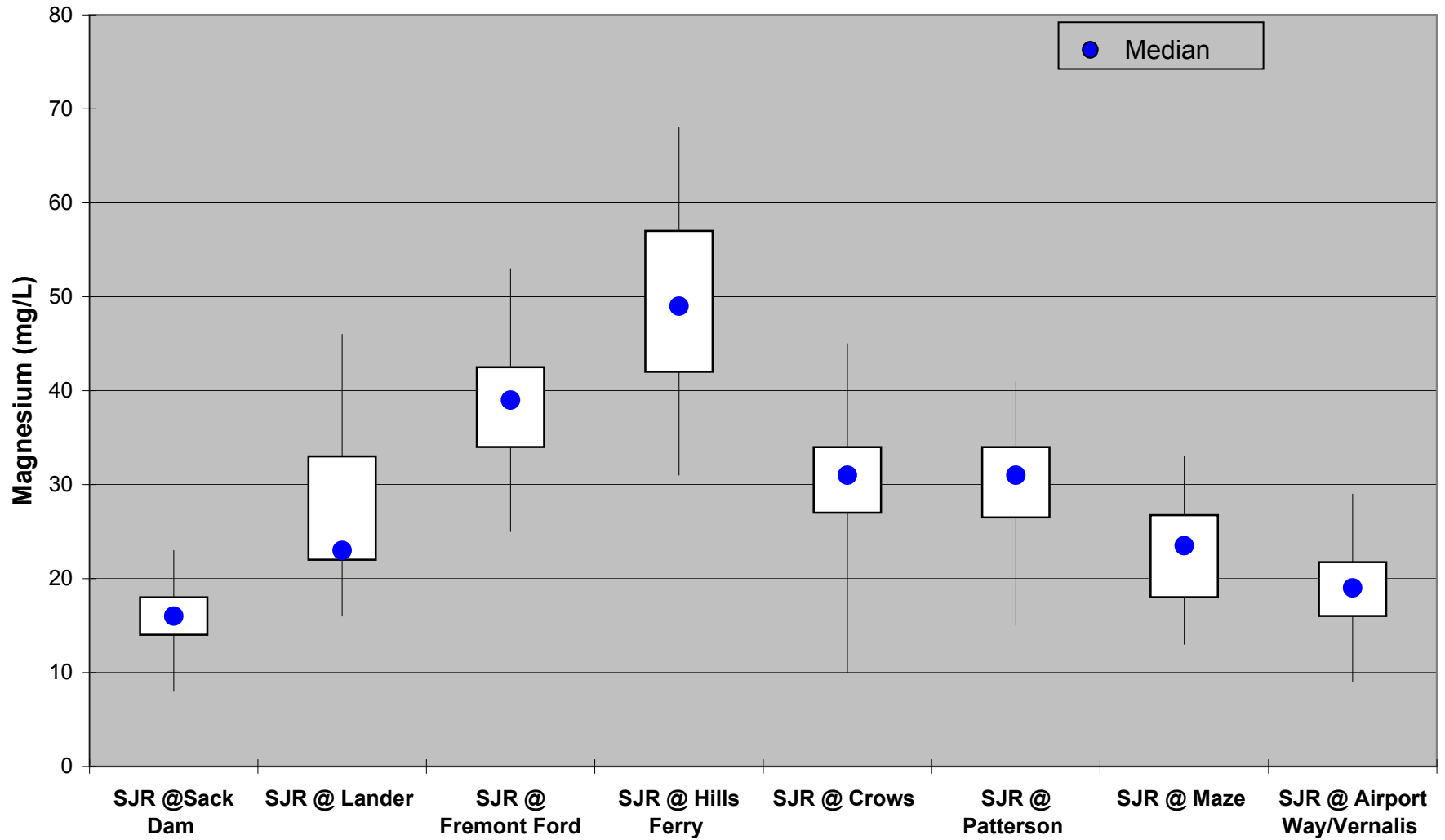
San Joaquin River Main Stem Calcium WY01-WY03



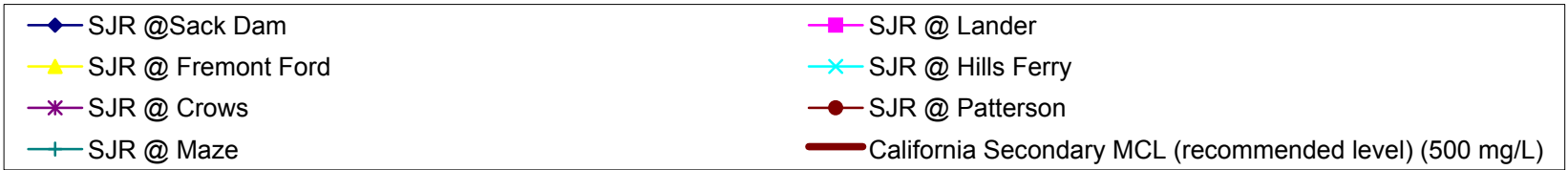
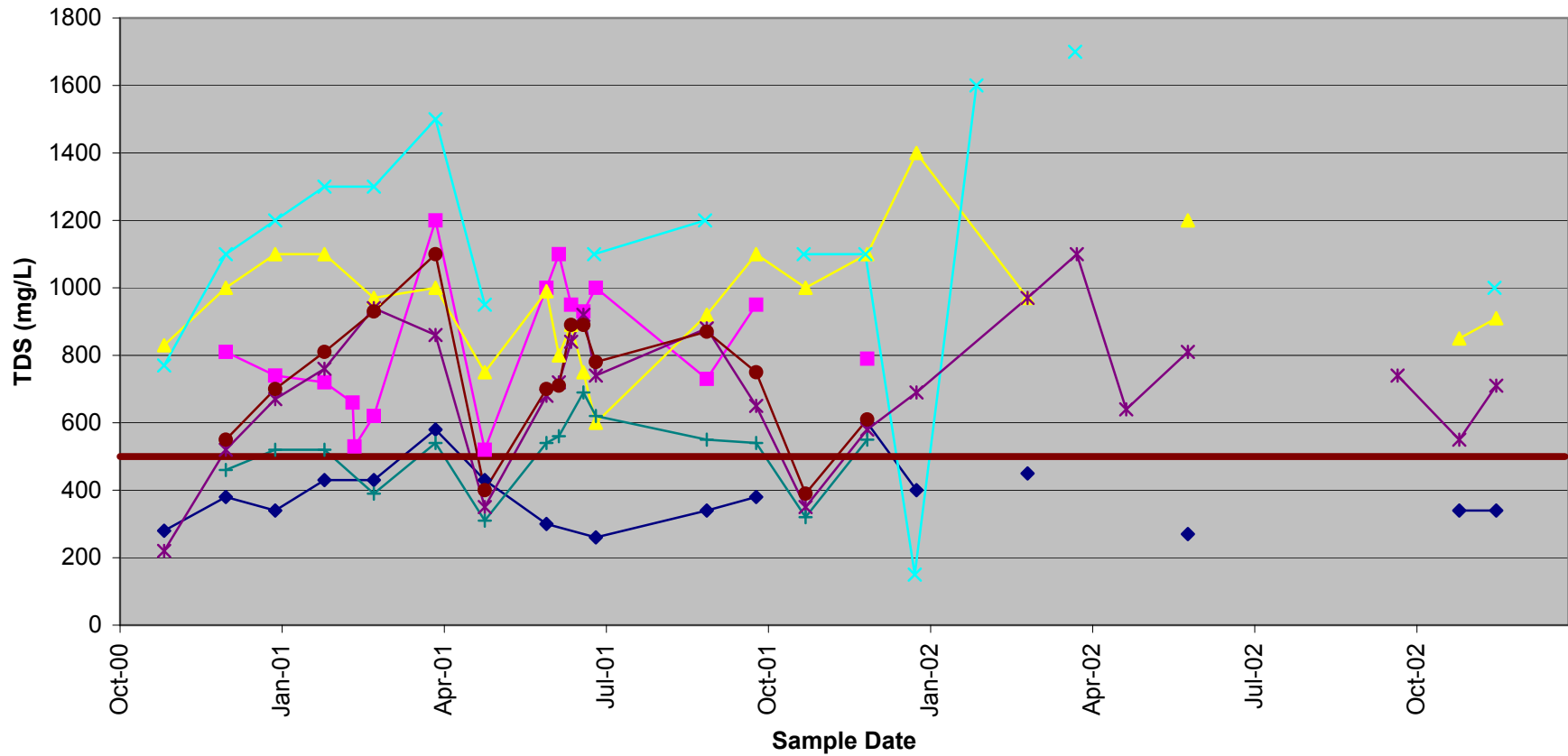
San Joaquin River Main Stem Magnesium WY01-WY03



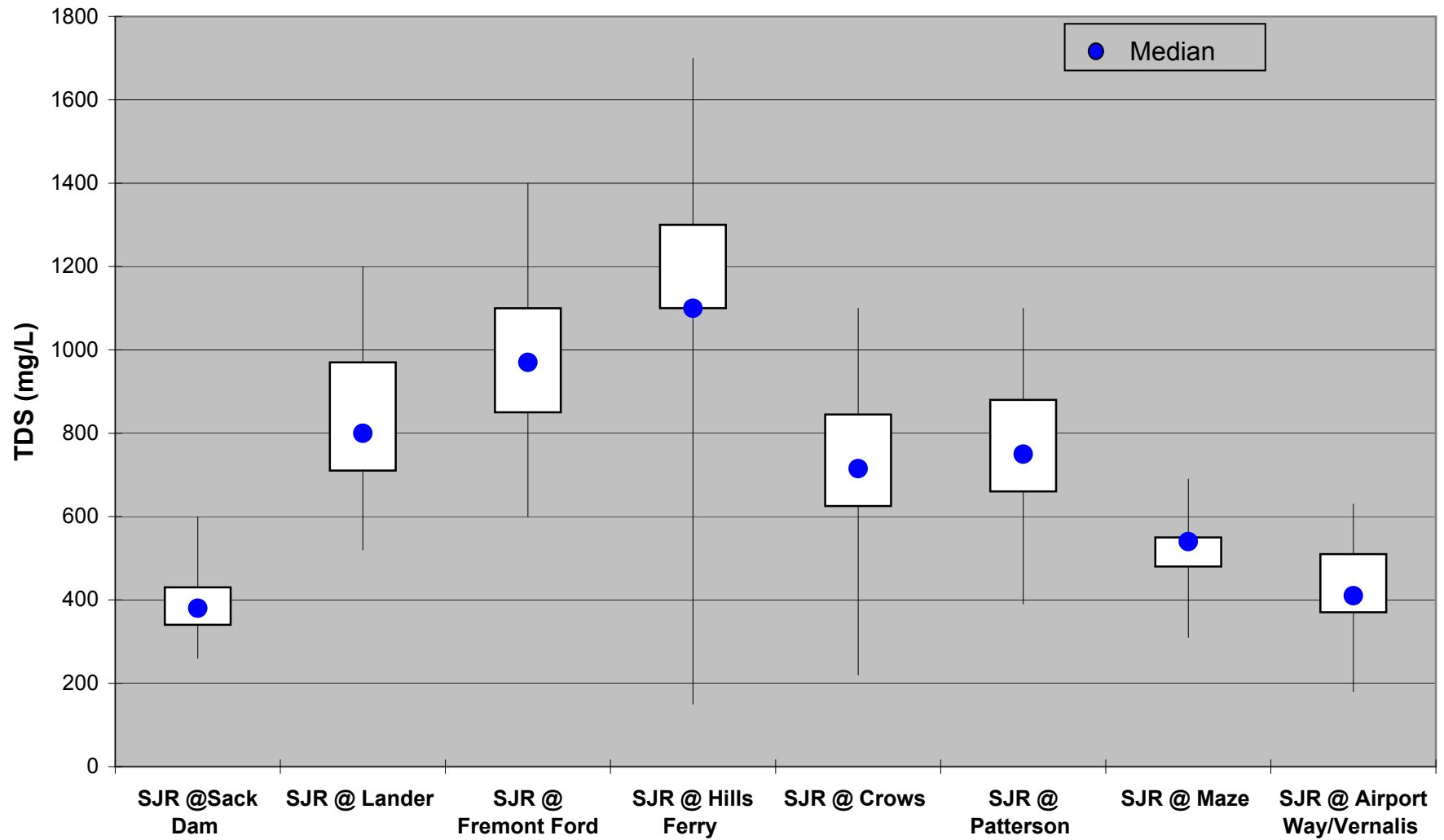
San Joaquin River Main Stem Magnesium WY01-WY03



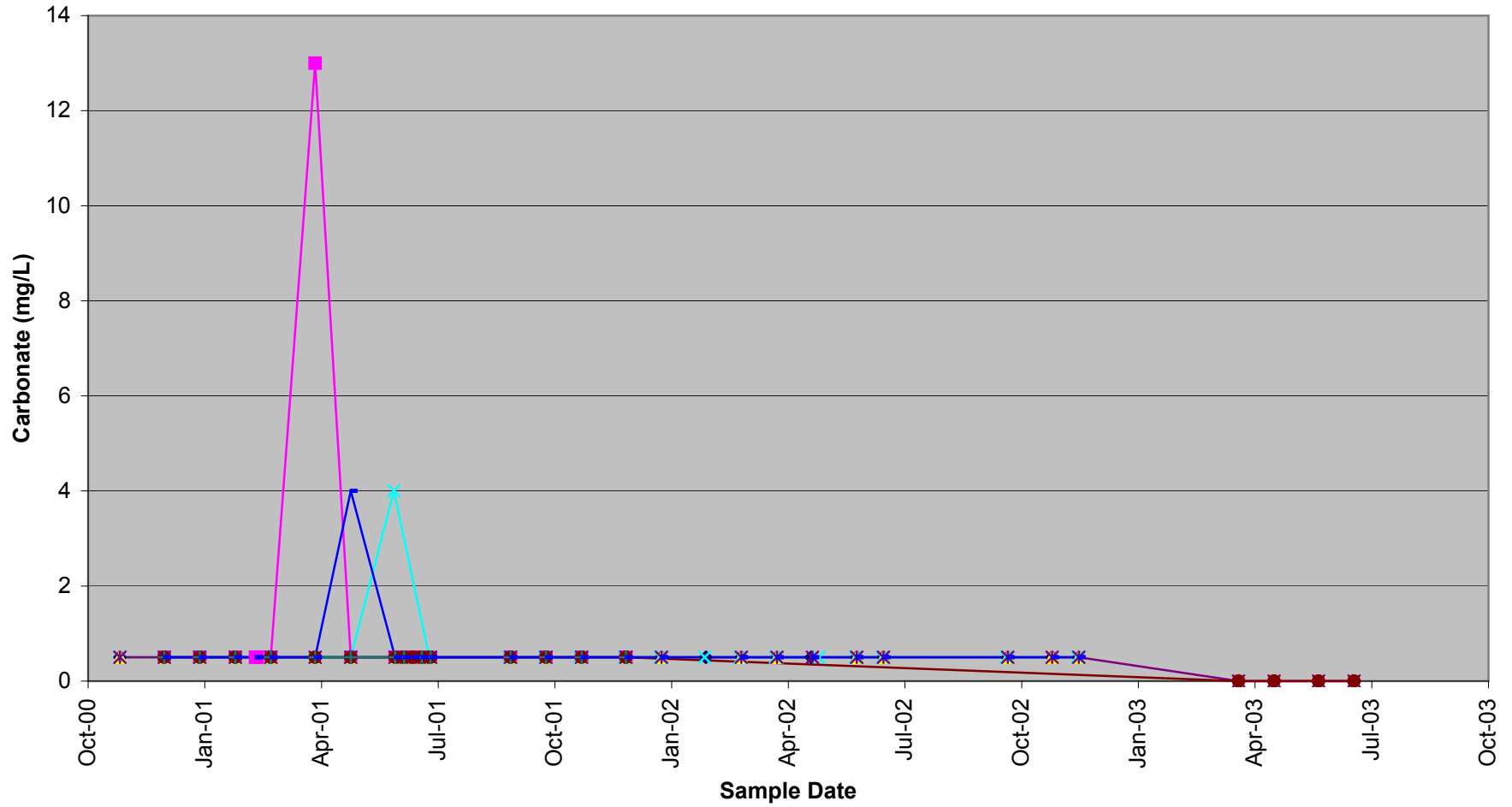
San Joaquin River Main Stem Total Dissolved Solids WY01-WY03



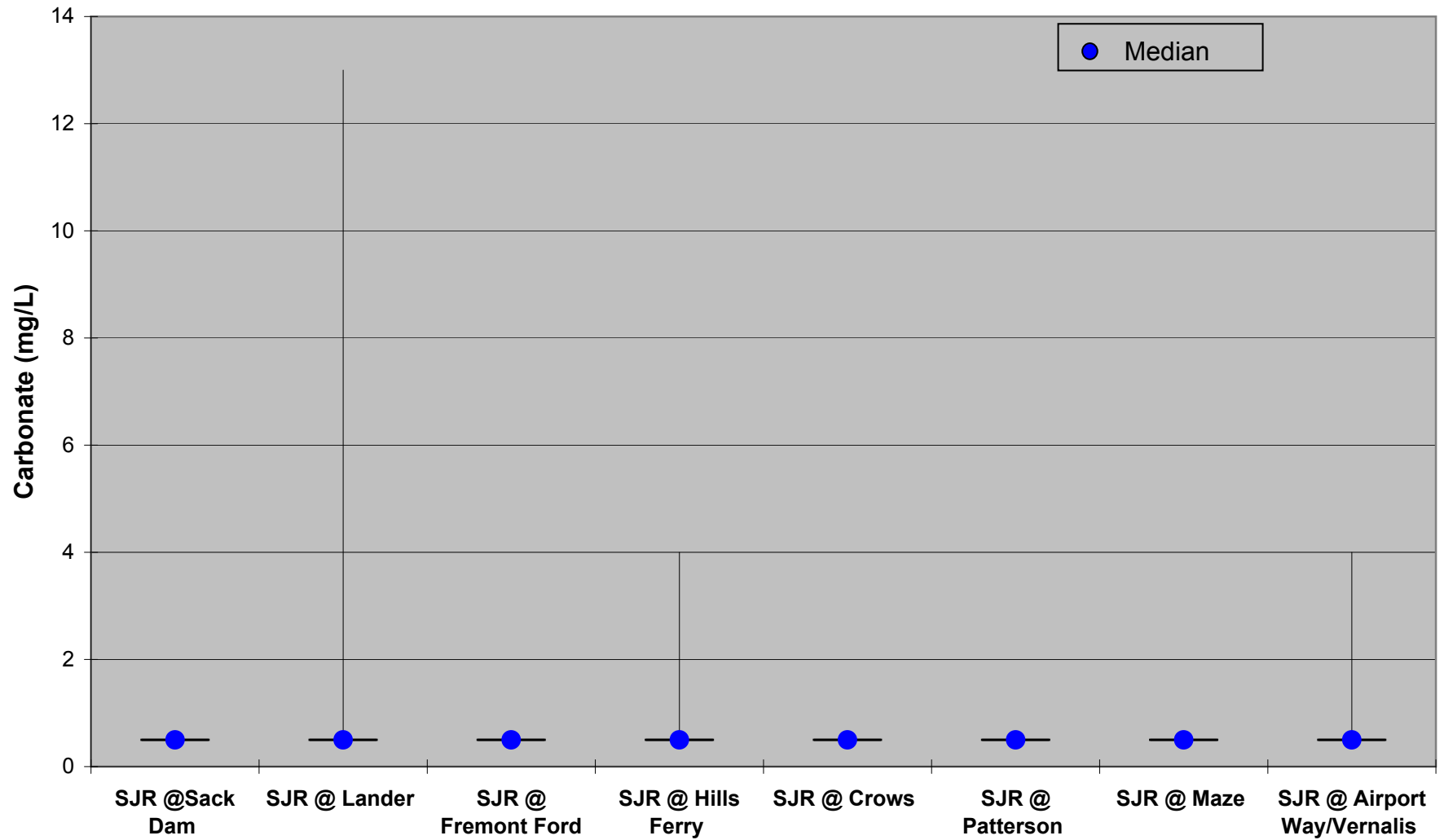
San Joaquin River Main Stem Total Dissolved Solids WY01-WY03



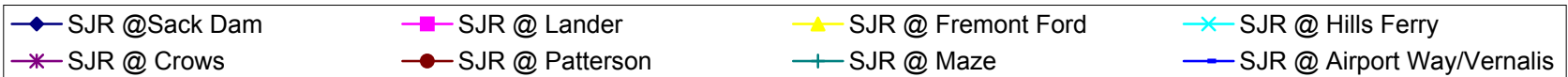
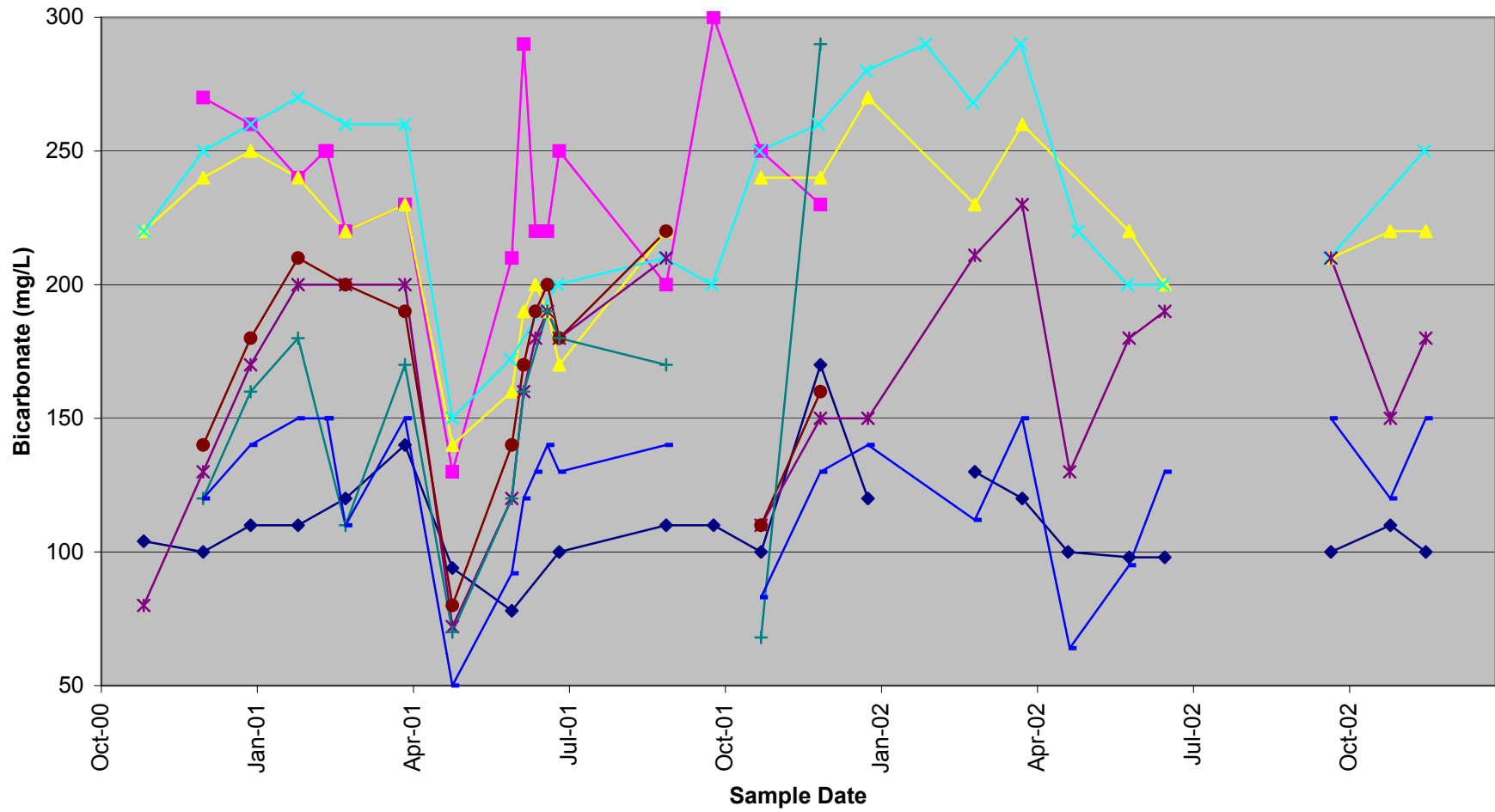
San Joaquin River Main Stem Carbonate WY01-WY03



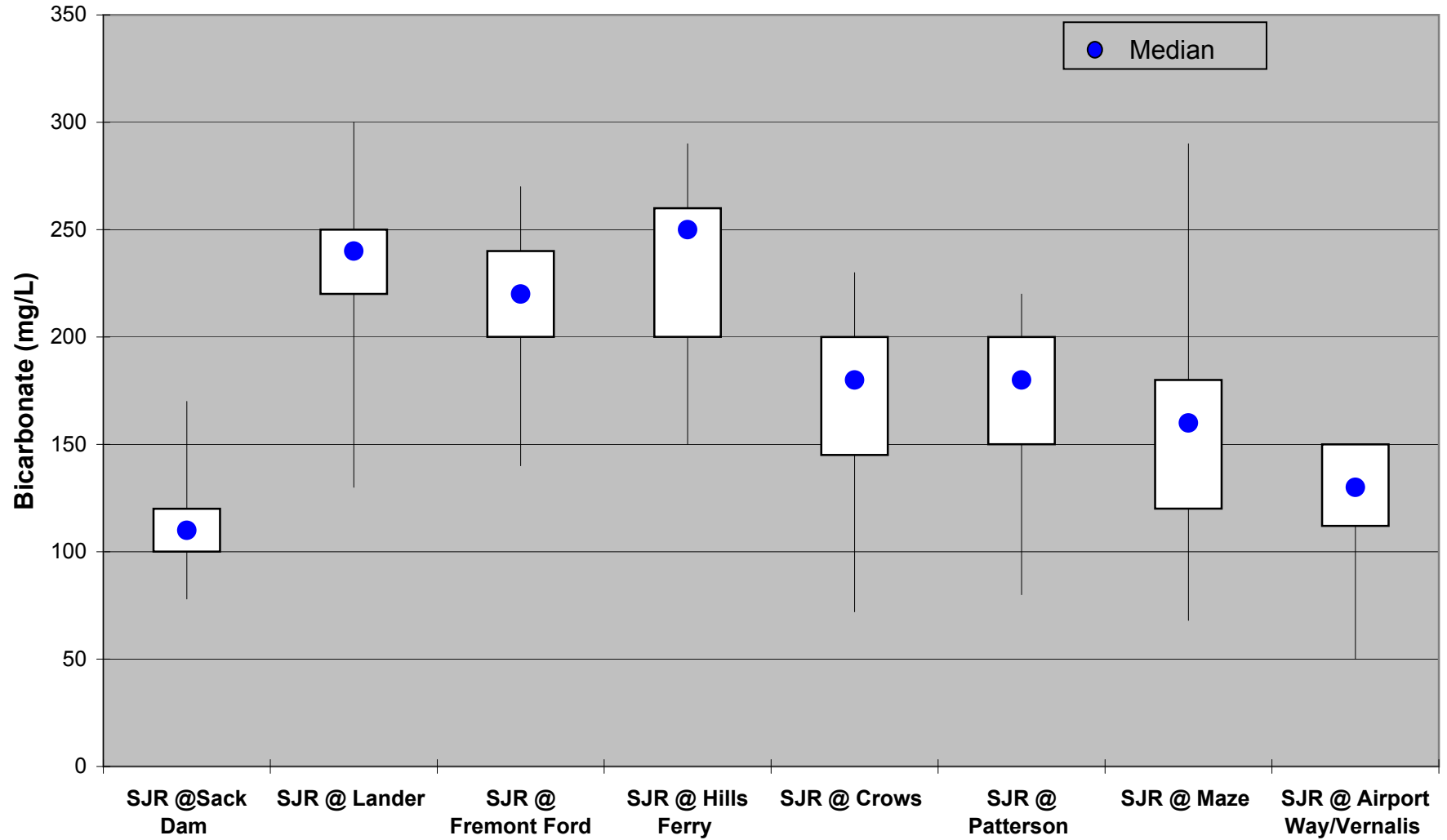
San Joaquin River Main Stem Carbonate WY01-WY03



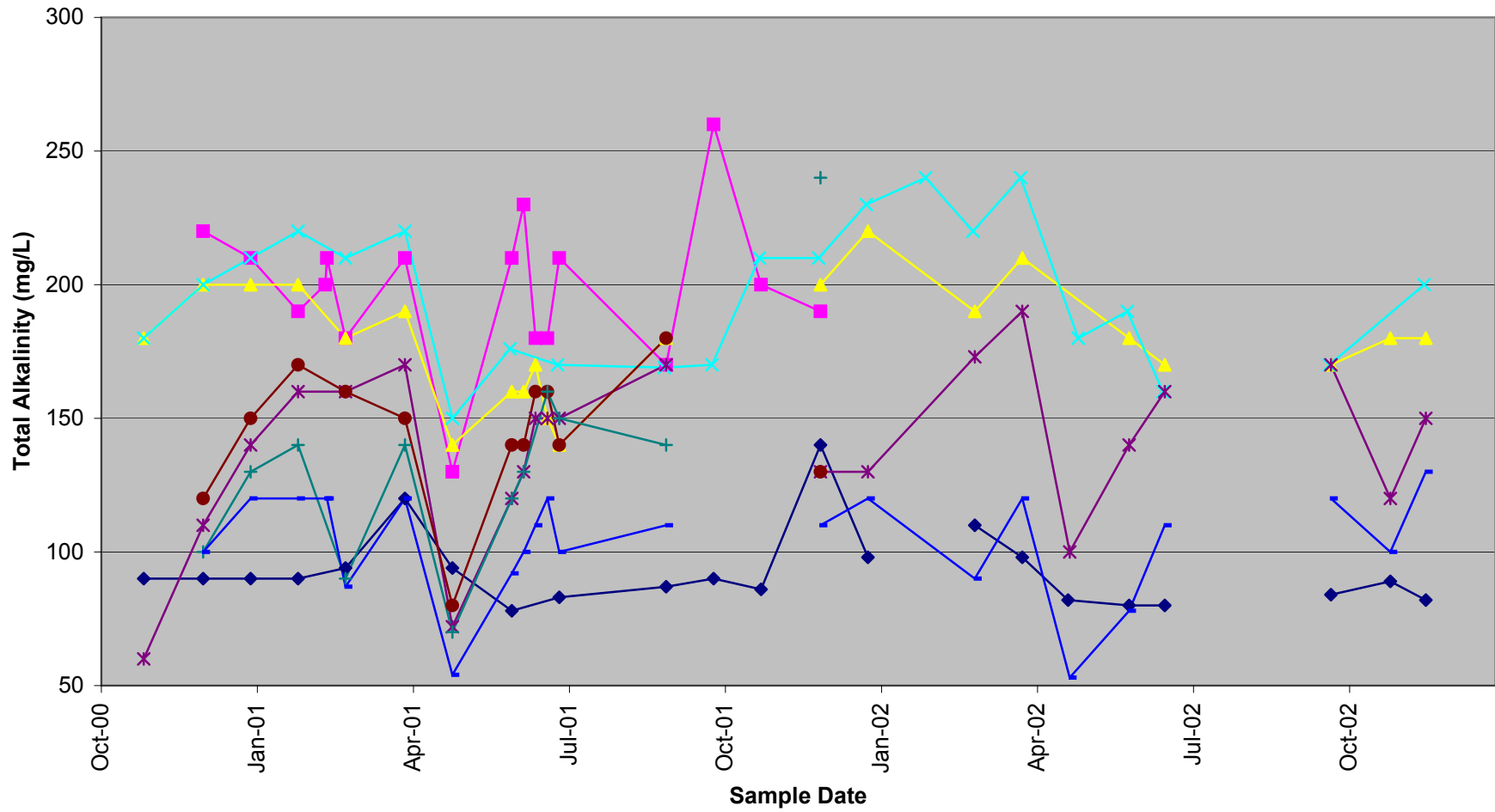
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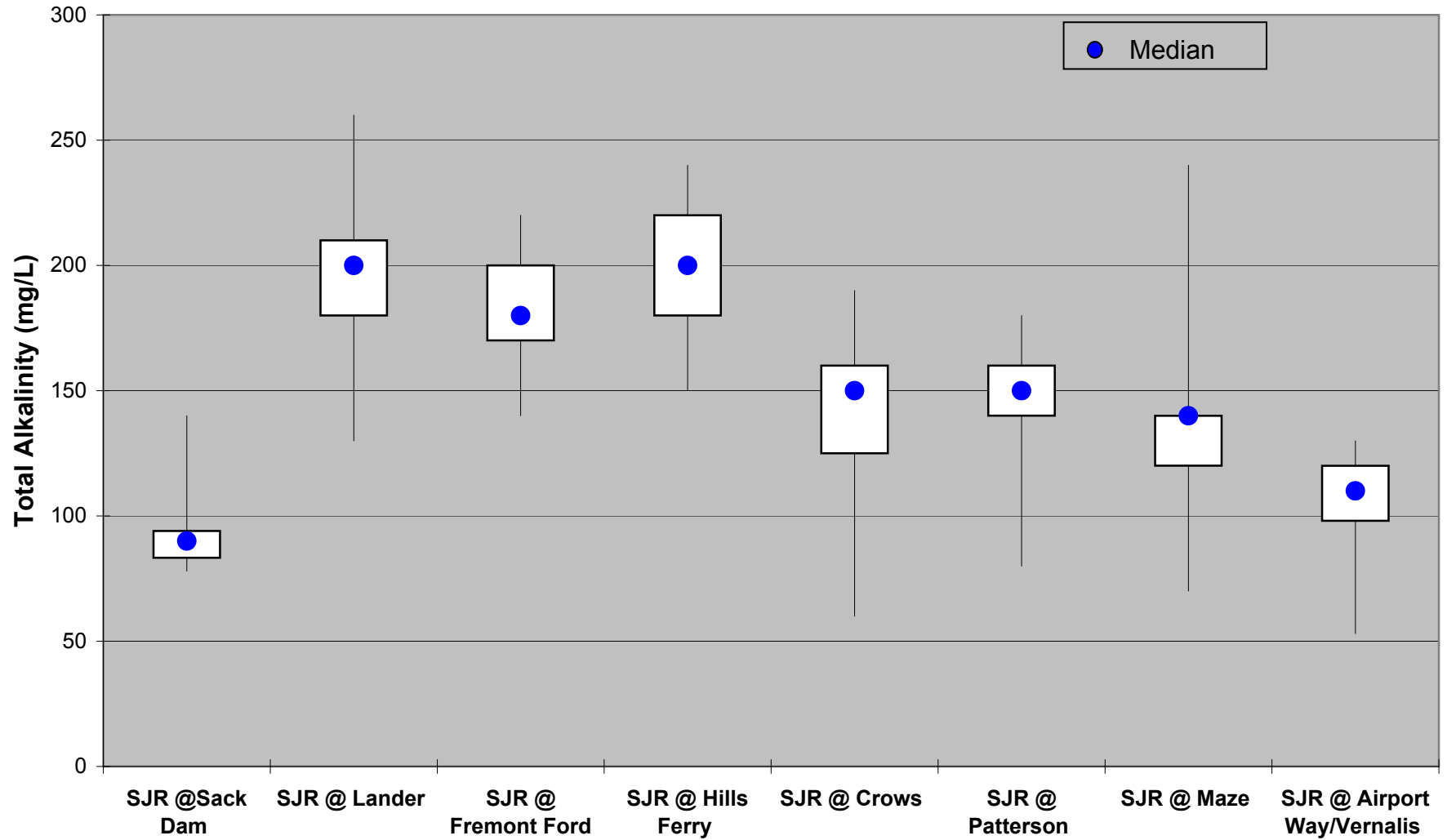
San Joaquin River Main Stem Bicarbonate WY01-WY03



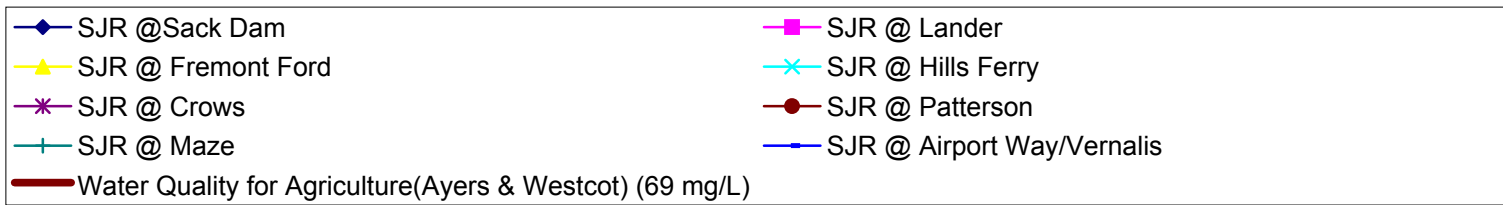
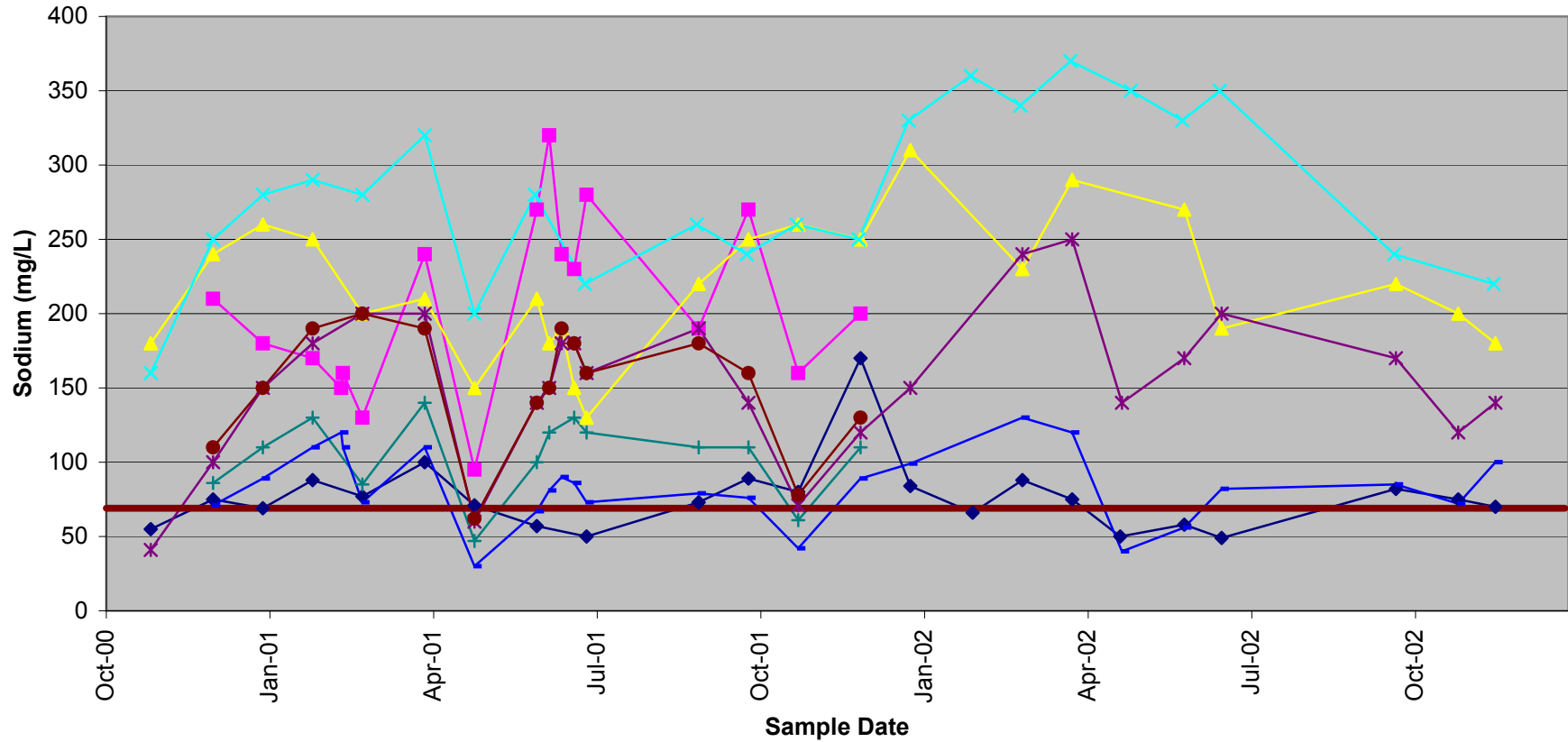
San Joaquin River Main Stem Total Alkalinity WY01-WY03



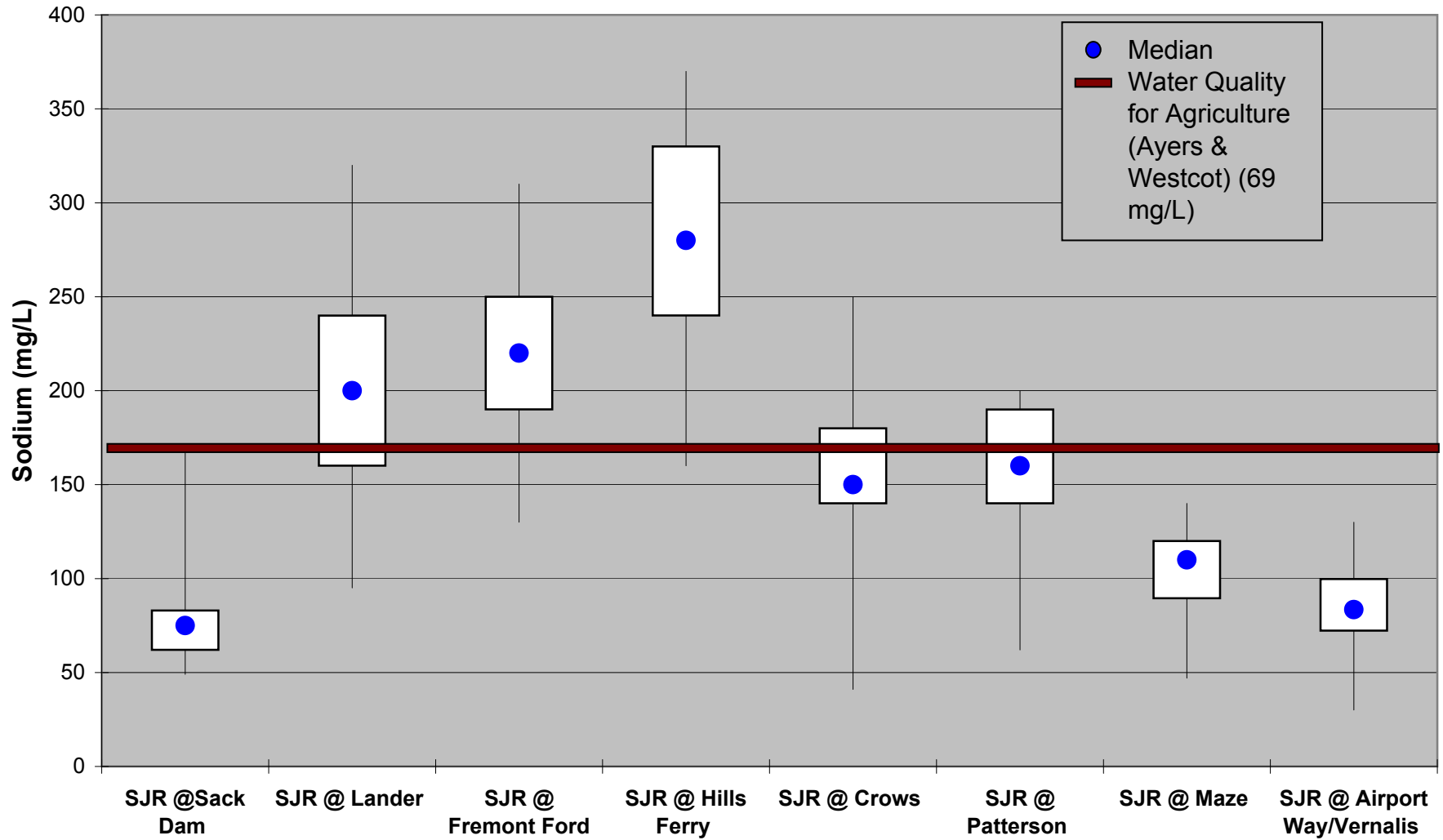
San Joaquin River Main Stem Total Alkalinity WY01-WY03



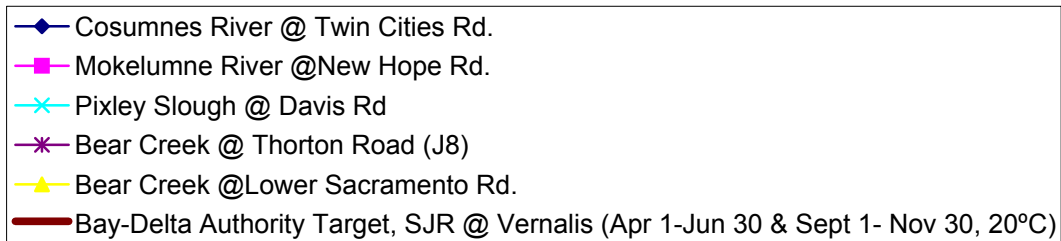
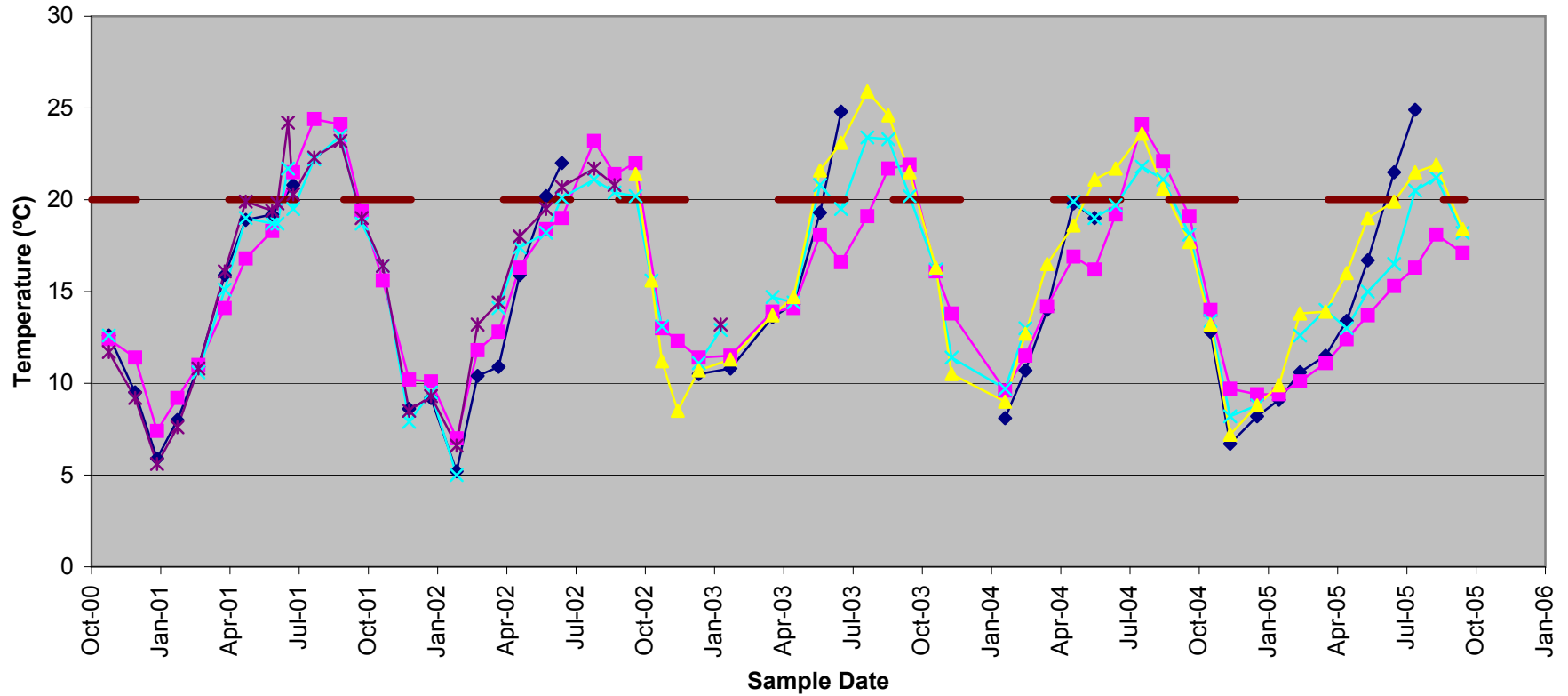
San Joaquin River Main Stem Sodium WY01-WY03



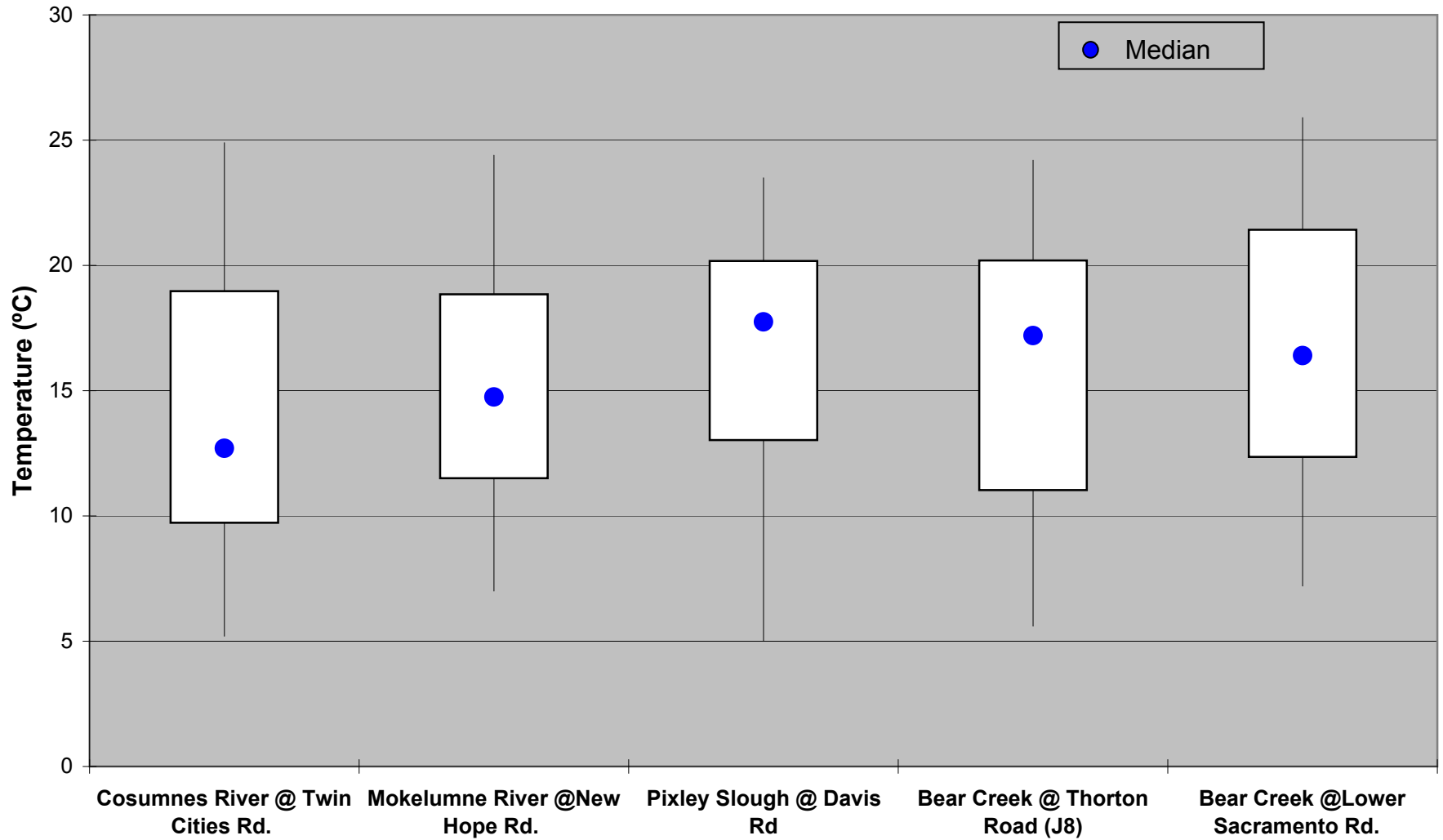
San Joaquin River Main Stem Sodium WY01-WY03



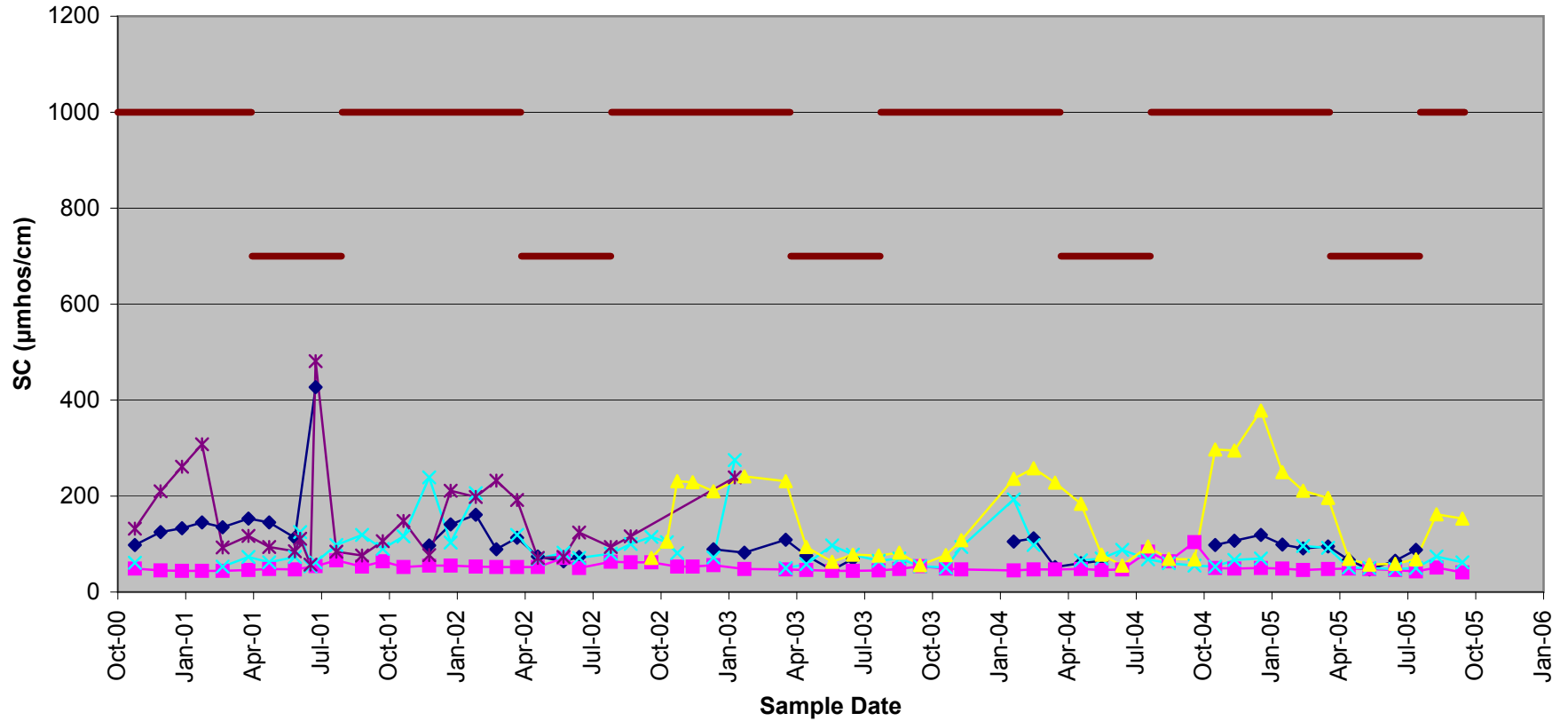
San Joaquin River Northeast Basin Temperature WY01-WY05



San Joaquin River Northeast Basin Temperature WY01- WY05

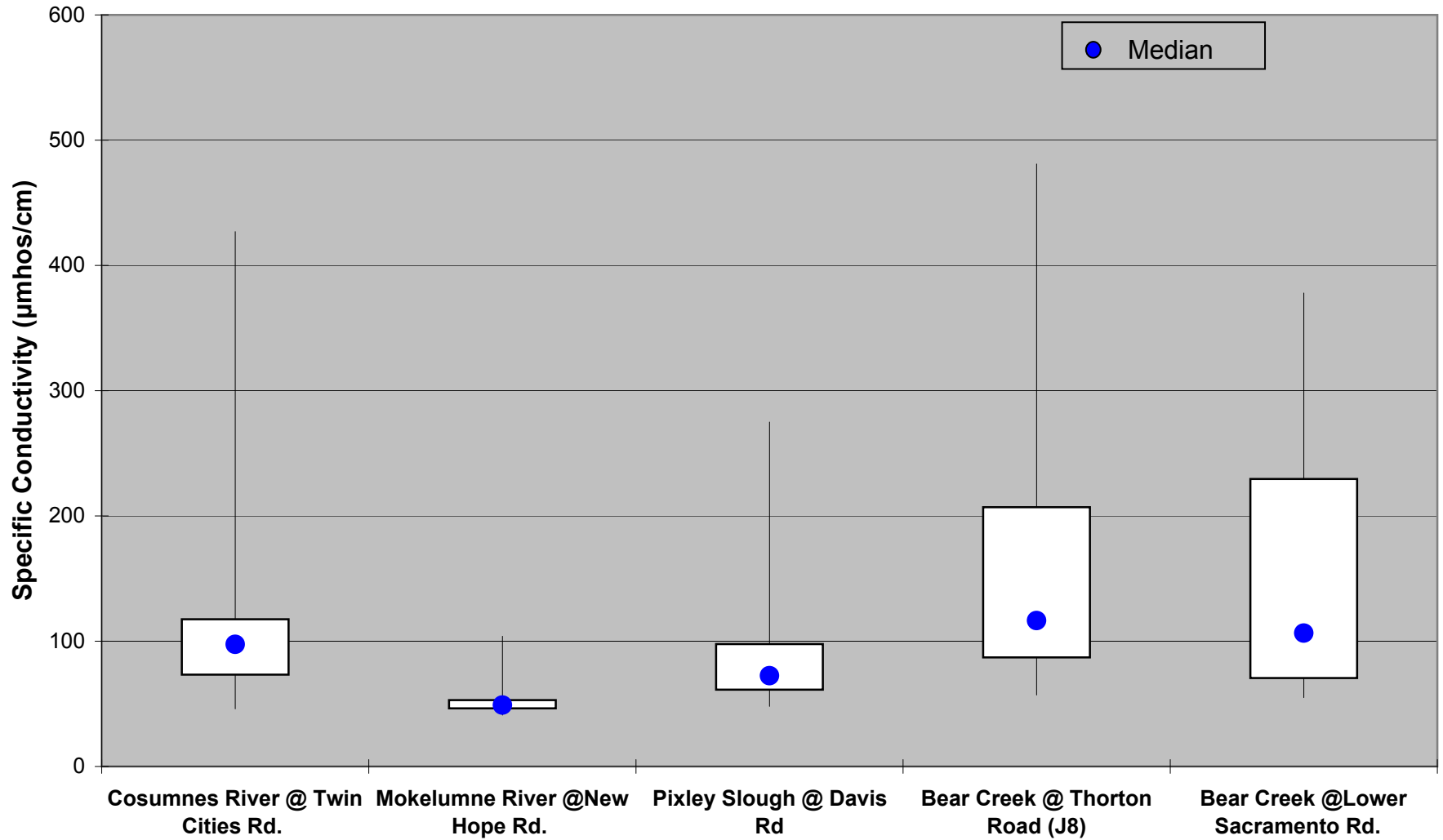


San Joaquin River Northeast Basin Specific Conductivity WY01- WY05

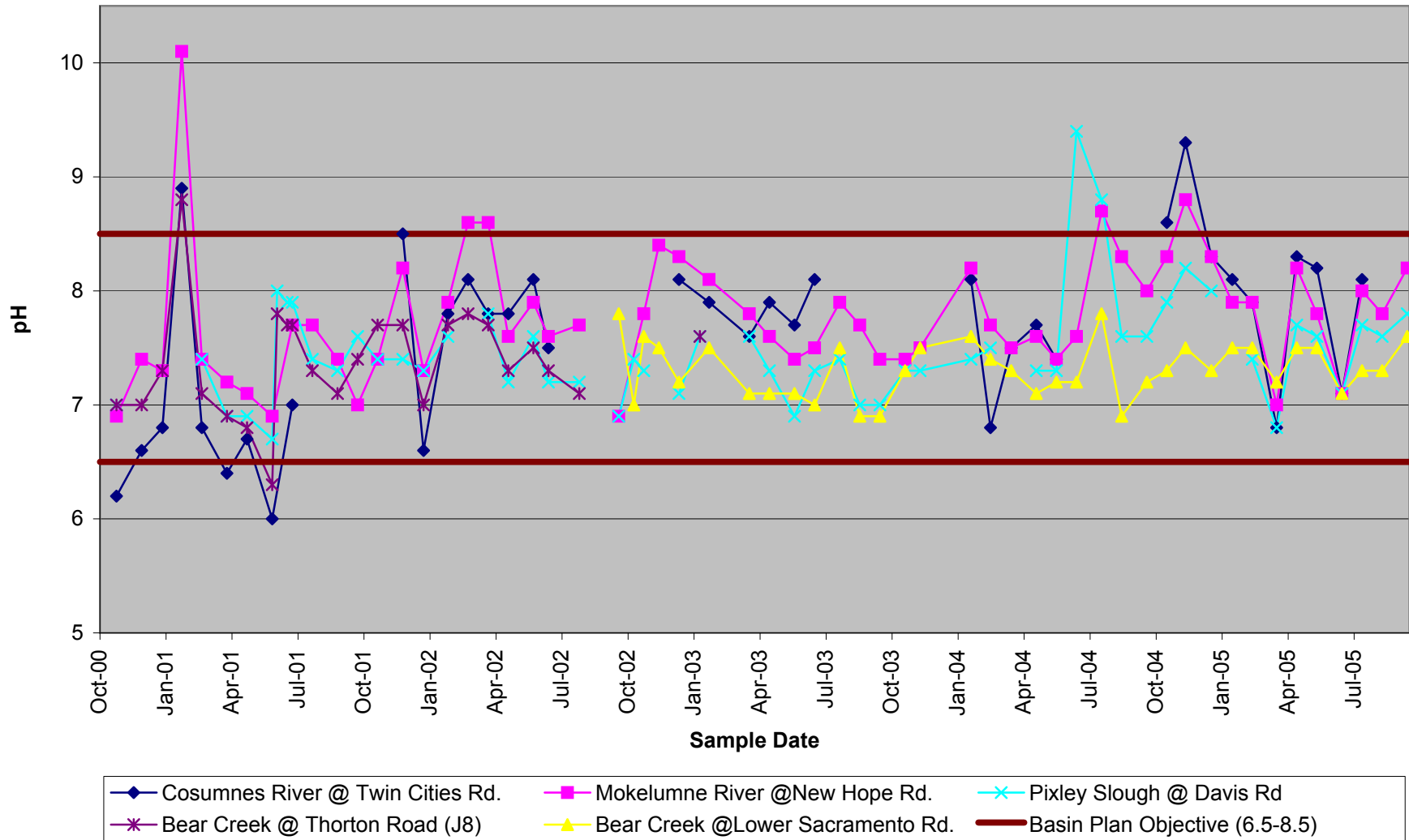


- ◆ Cosumnes River @ Twin Cities Rd.
- Mokelumne River @ New Hope Rd.
- × Pixley Slough @ Davis Rd
- * Bear Creek @ Thornton Road (J8)
- ▲ Bear Creek @ Lower Sacramento Rd.
- Basin Plan Objective (Apr 1-Aug 31, 700 $\mu\text{mhos/cm}$; Sep 1-Mar 31, 1000 $\mu\text{mhos/cm}$)

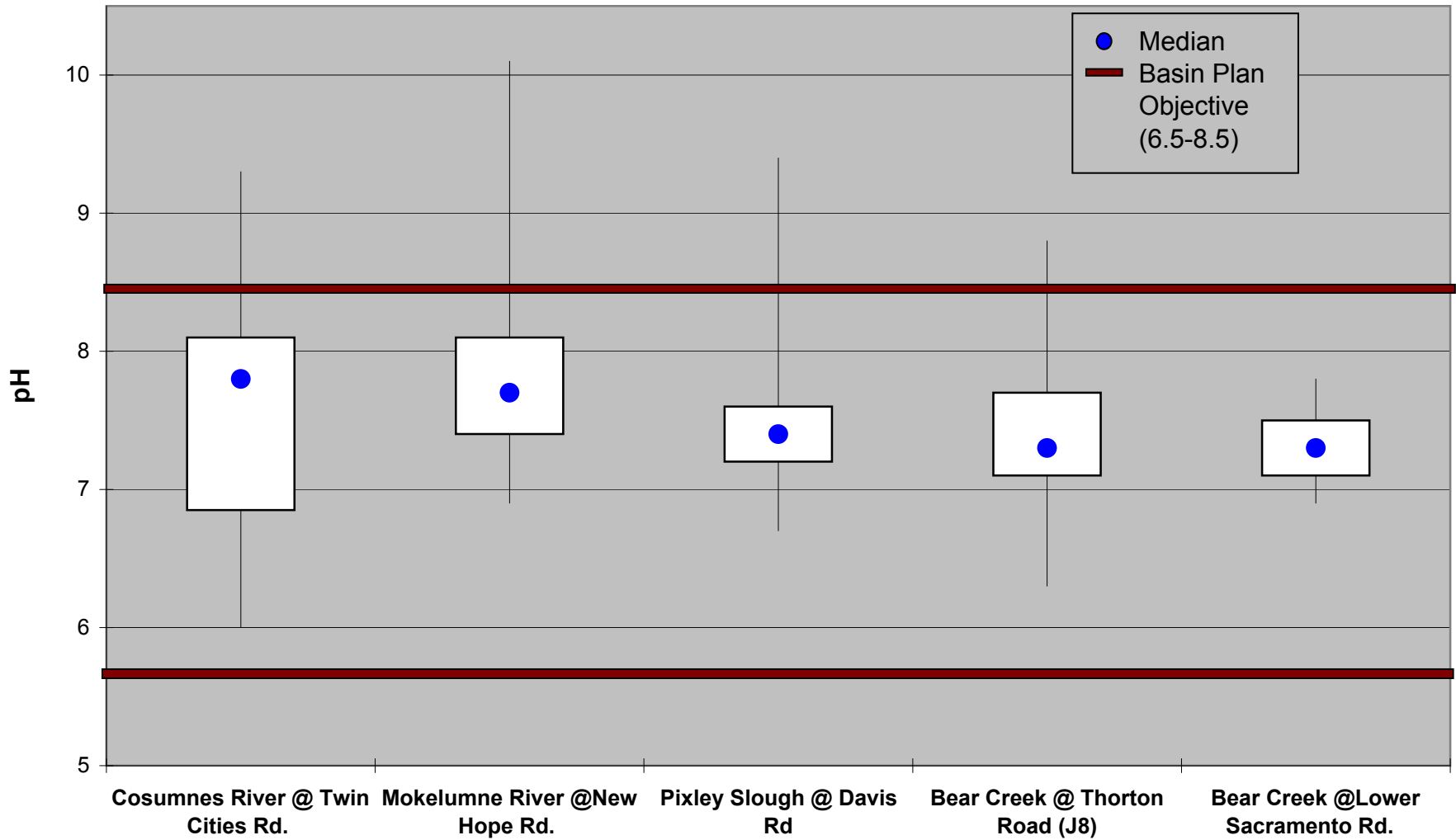
San Joaquin River Northeast Basin Specific Conductivity WY01- WY05



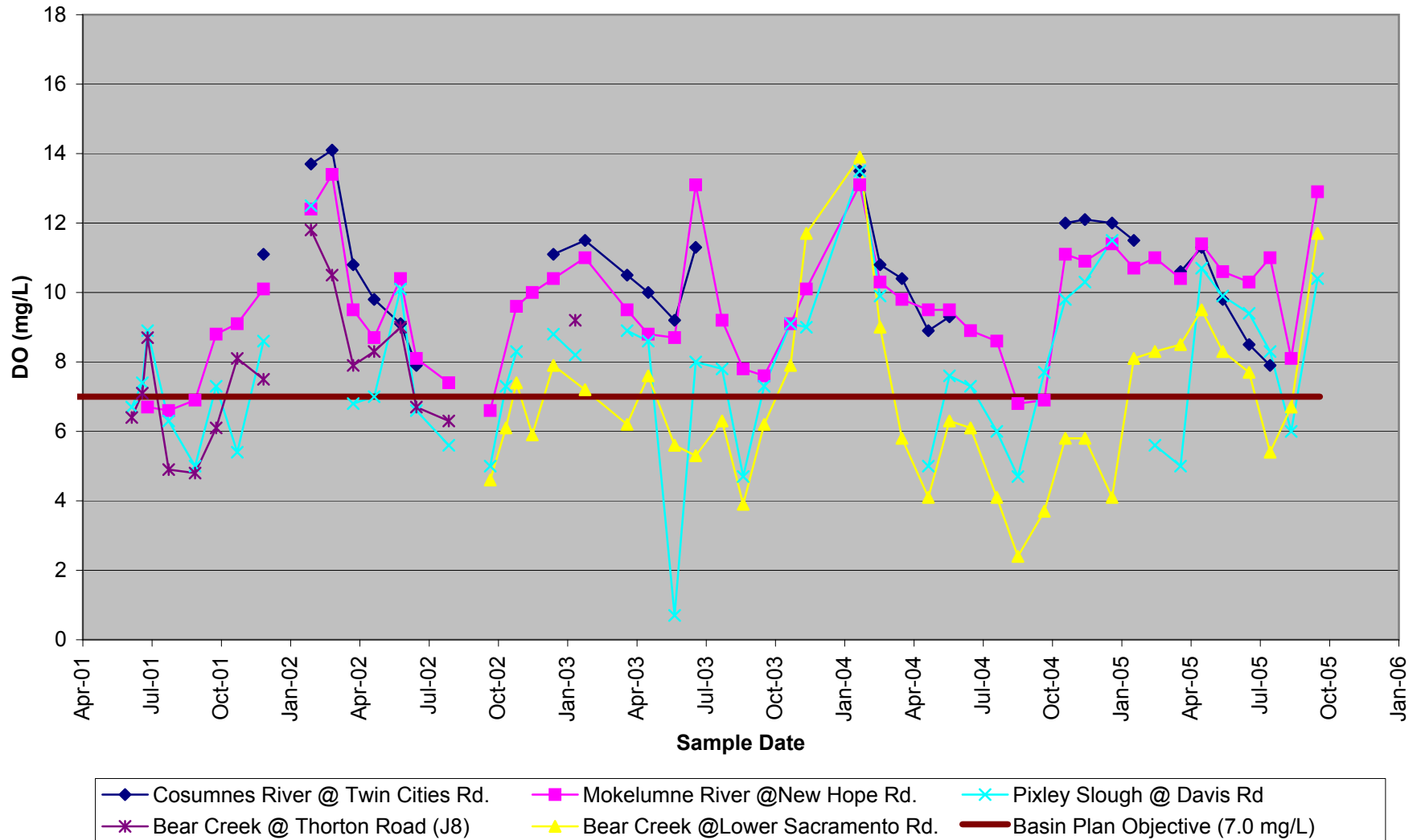
San Joaquin River Northeast Basin pH WY01-WY05



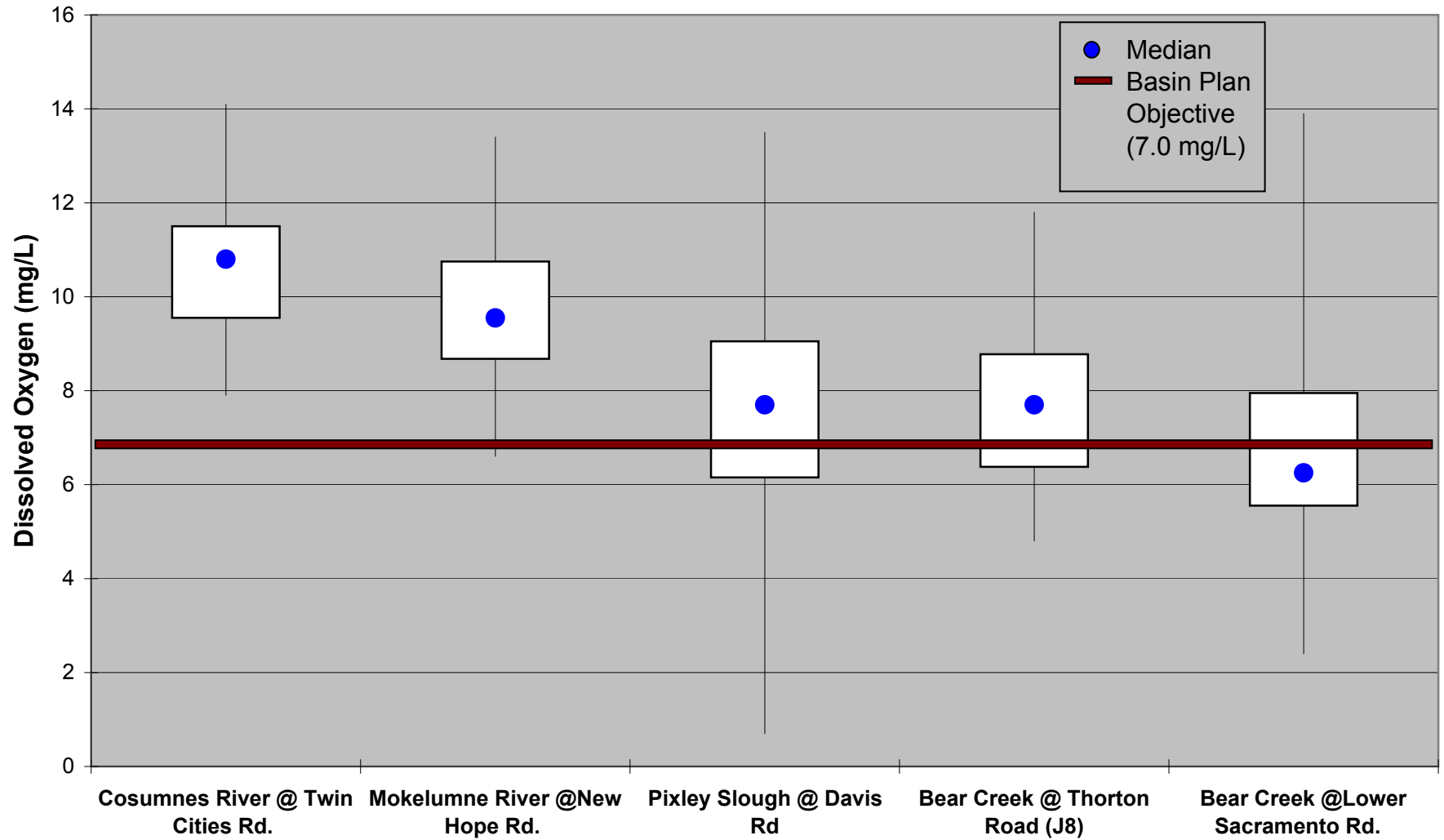
San Joaquin River Northeast Basin pH WY01- WY05



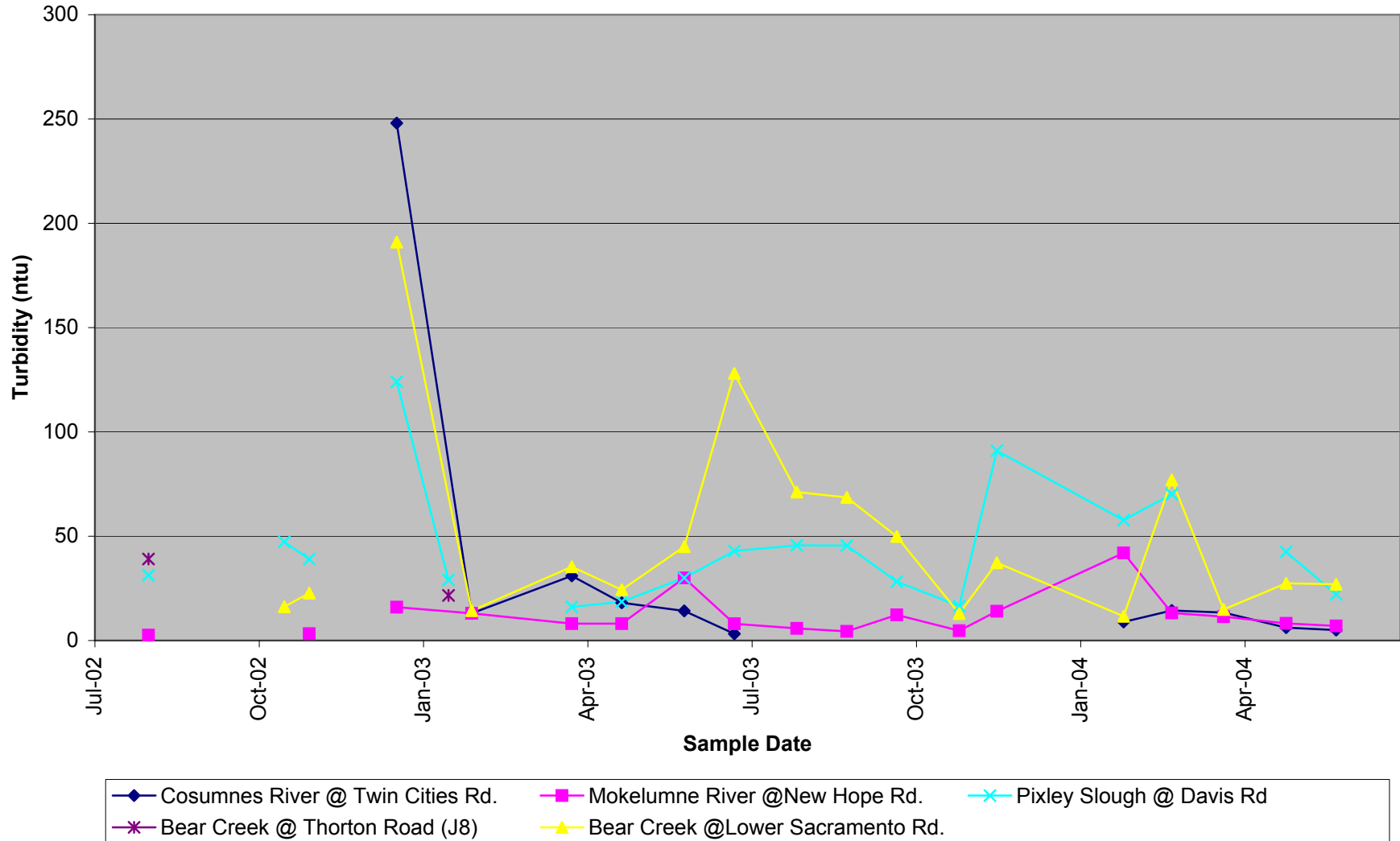
San Joaquin River Northeast Basin Dissolved Oxygen WY01-WY05



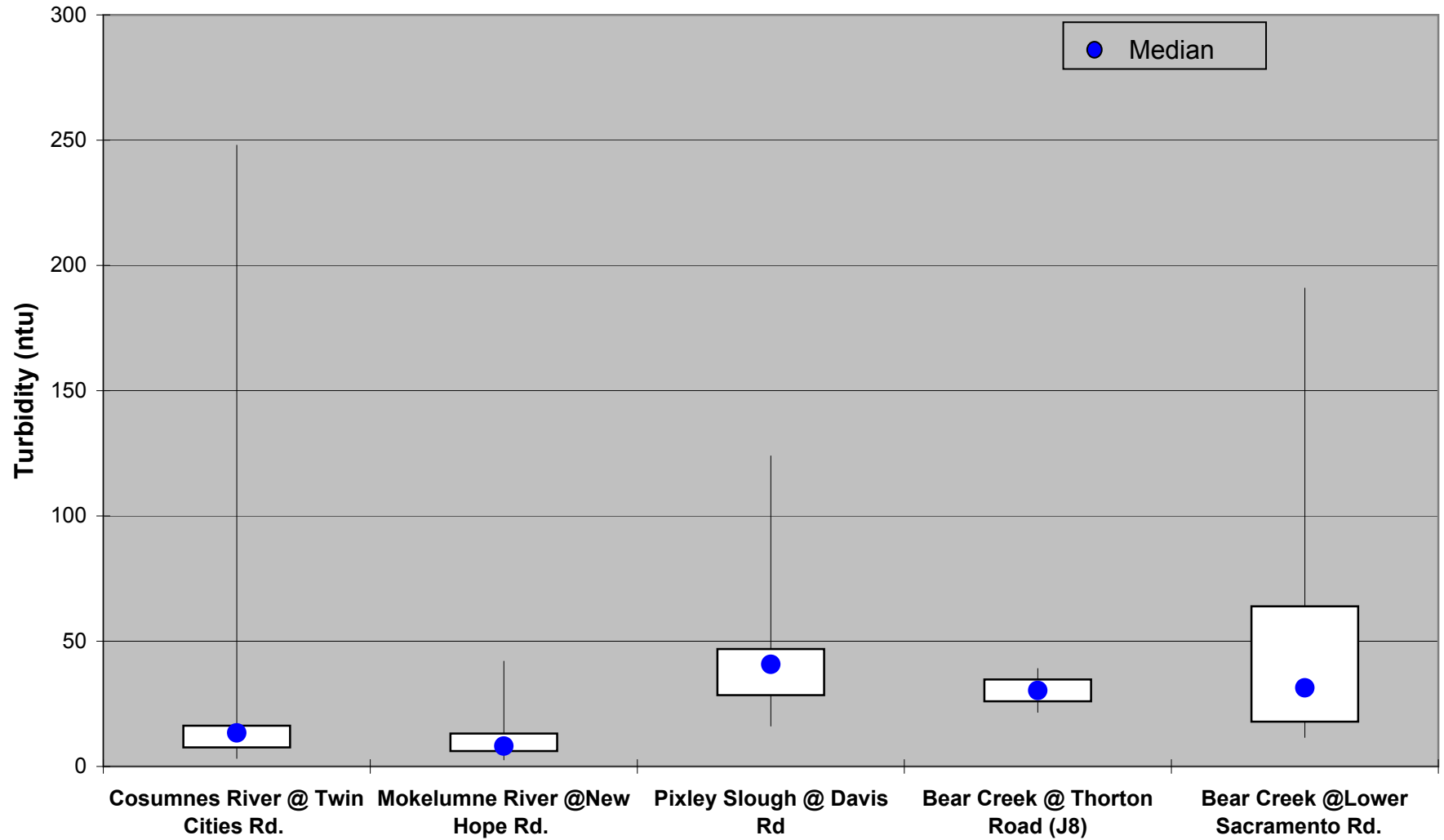
San Joaquin River Northeast Basin Dissolved Oxygen WY01- WY05



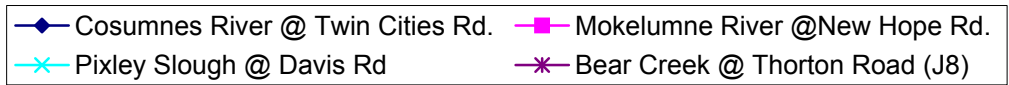
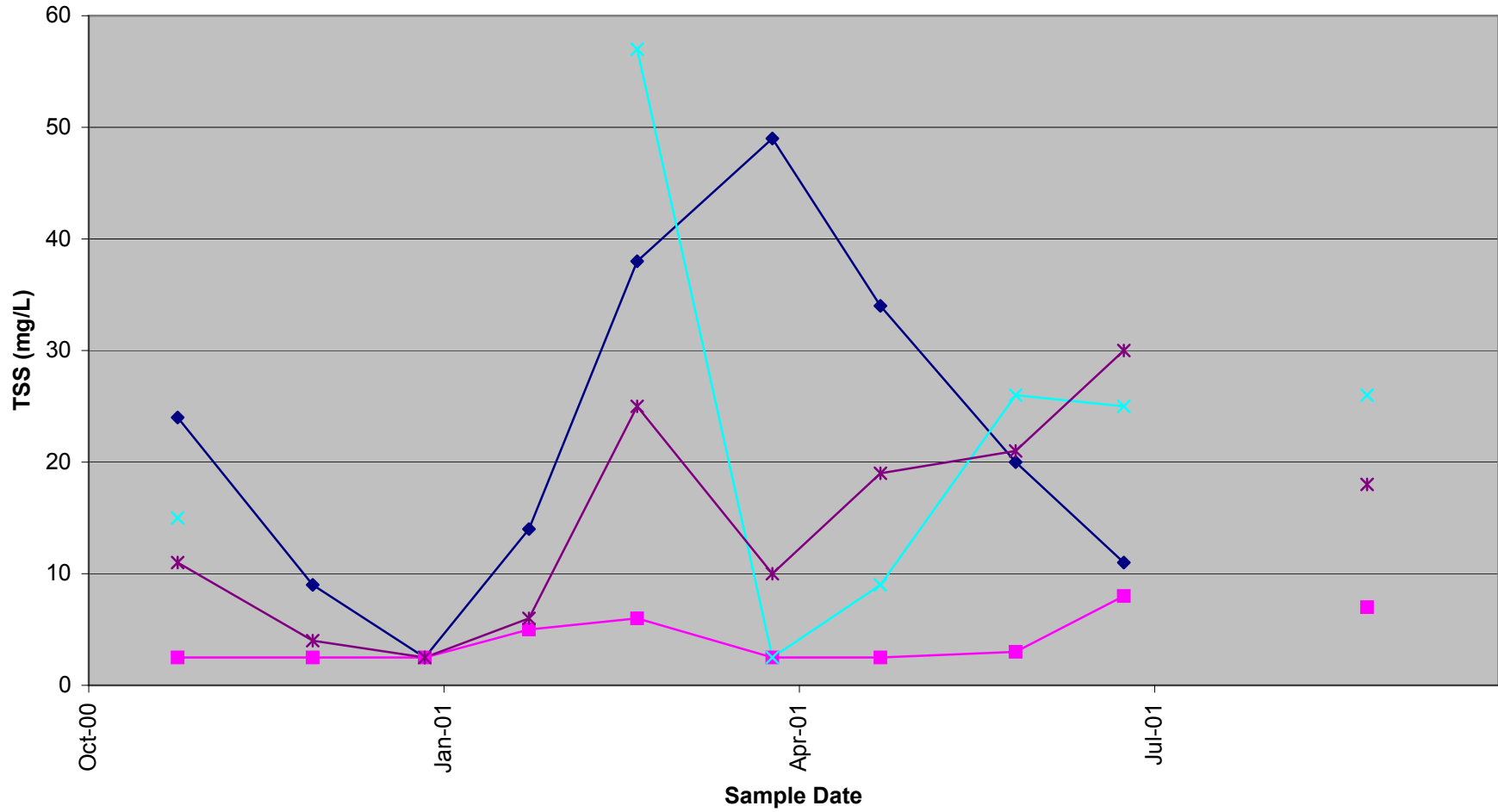
San Joaquin River Northeast Basin Turbidity WY02-WY04



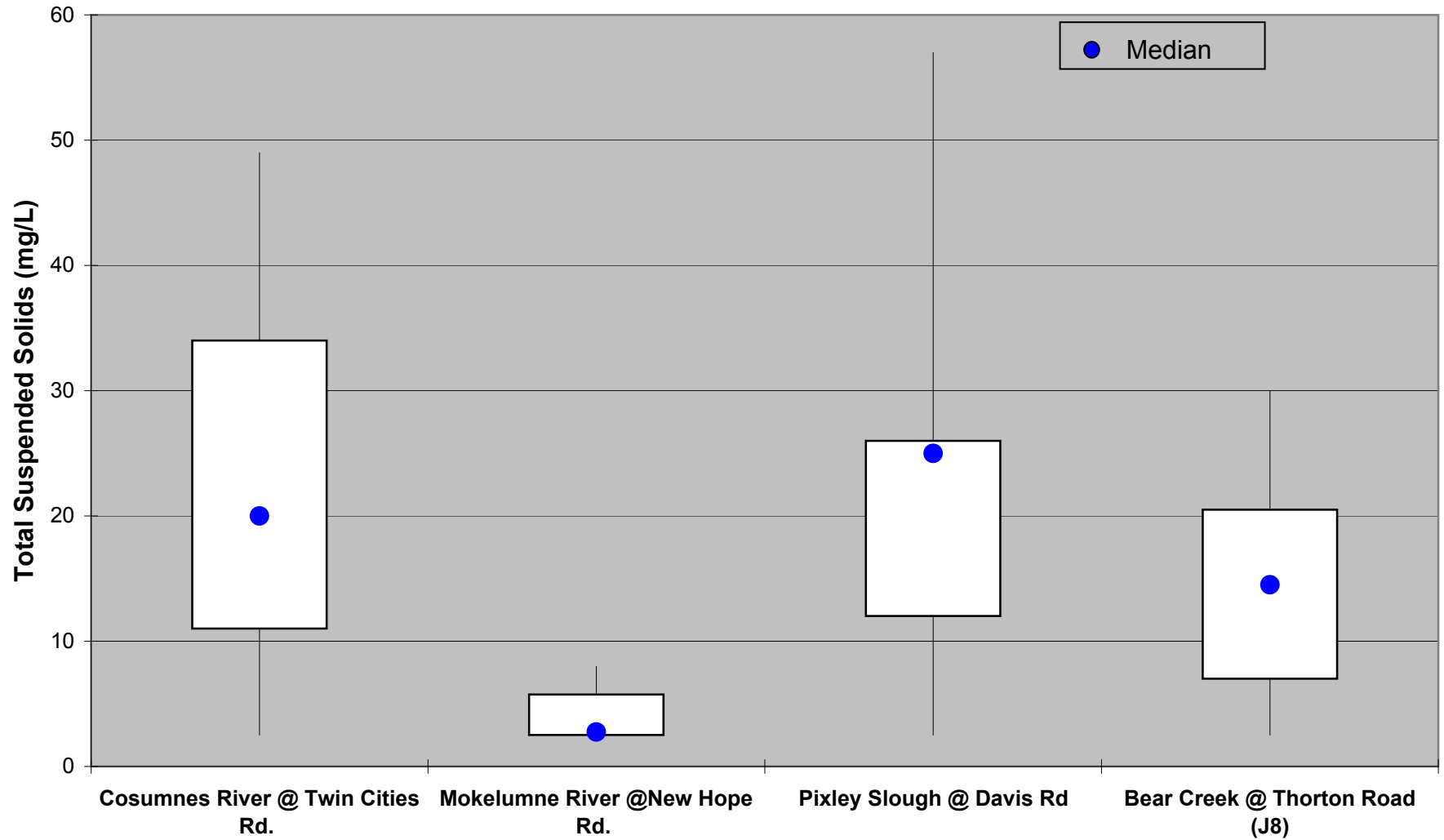
San Joaquin River Northeast Basin Turbidity WY02- WY04



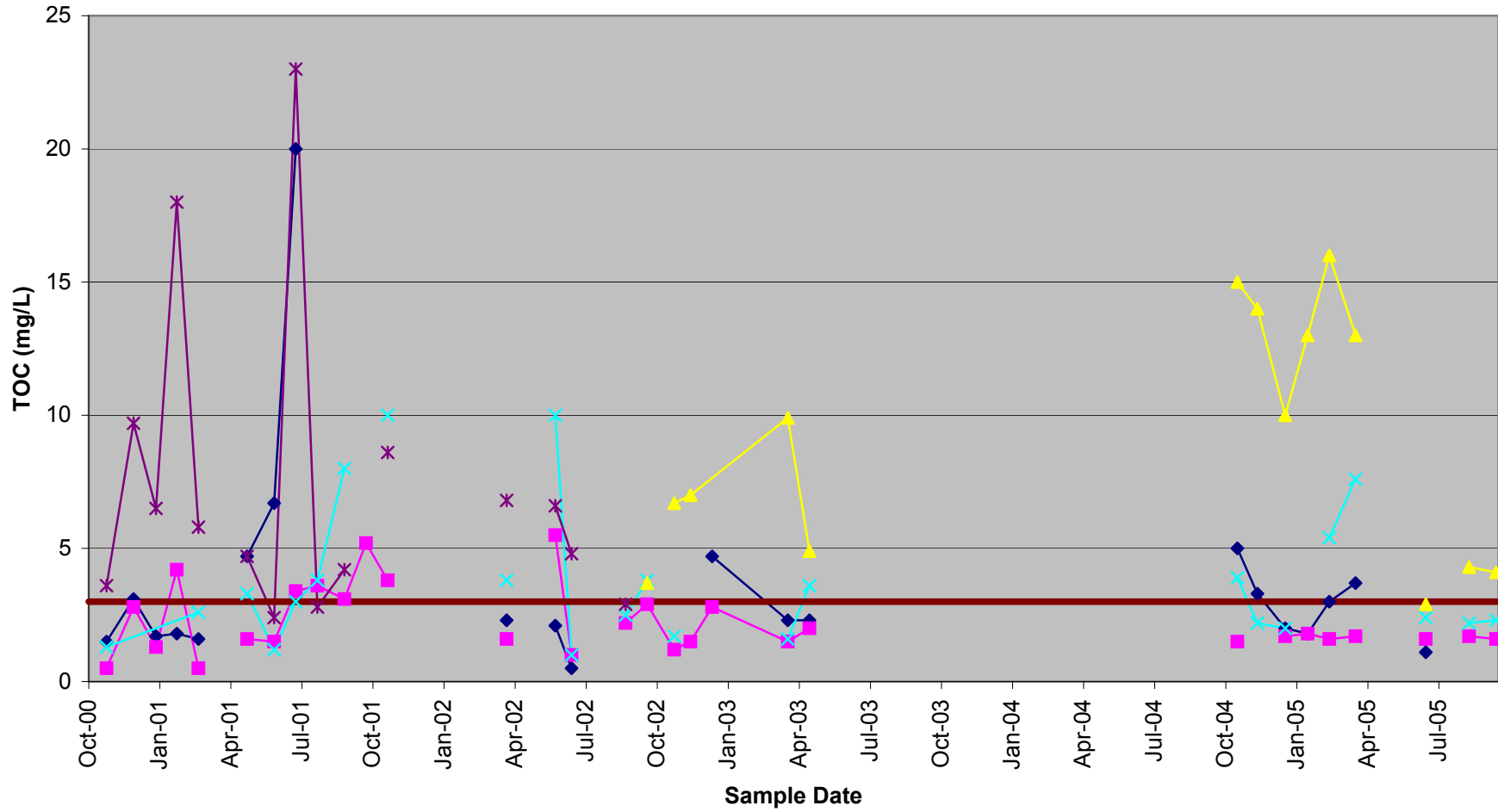
San Joaquin River Northeast Basin Total Suspended Solids WY01



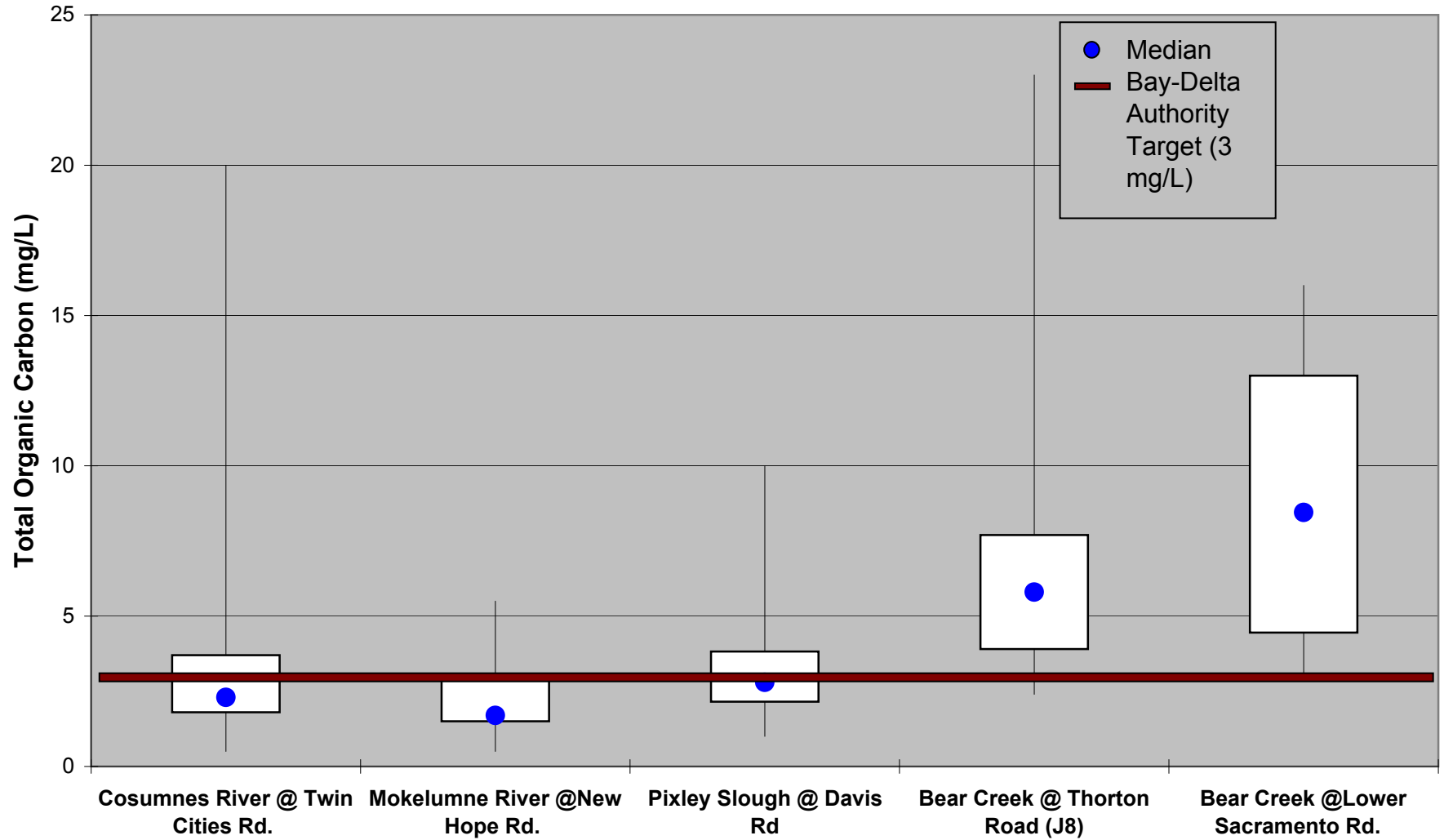
San Joaquin River Northeast Basin Total Suspended Solids WY01- WY05



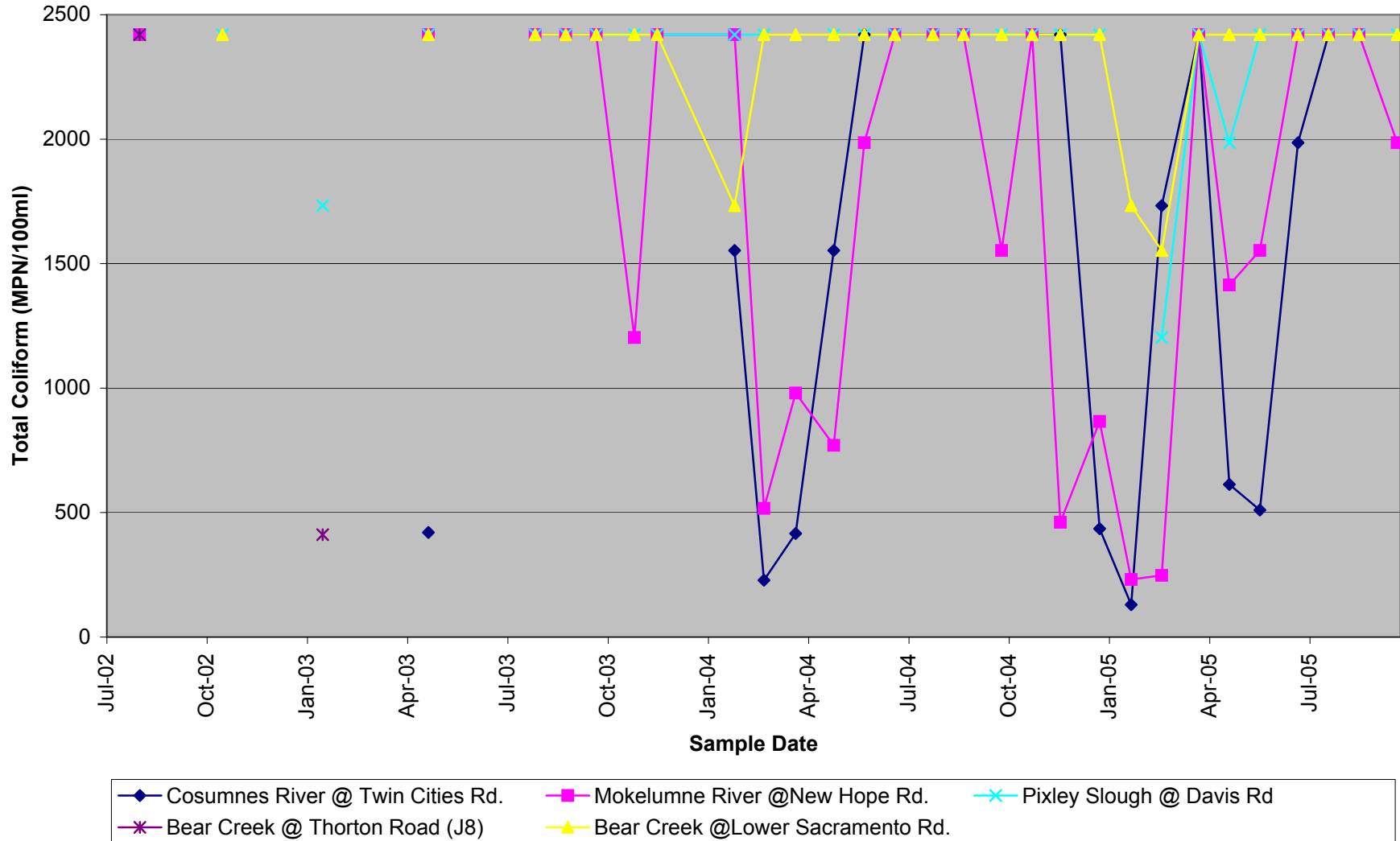
San Joaquin River Northeast Basin Total Organic Carbon WY01-WY05



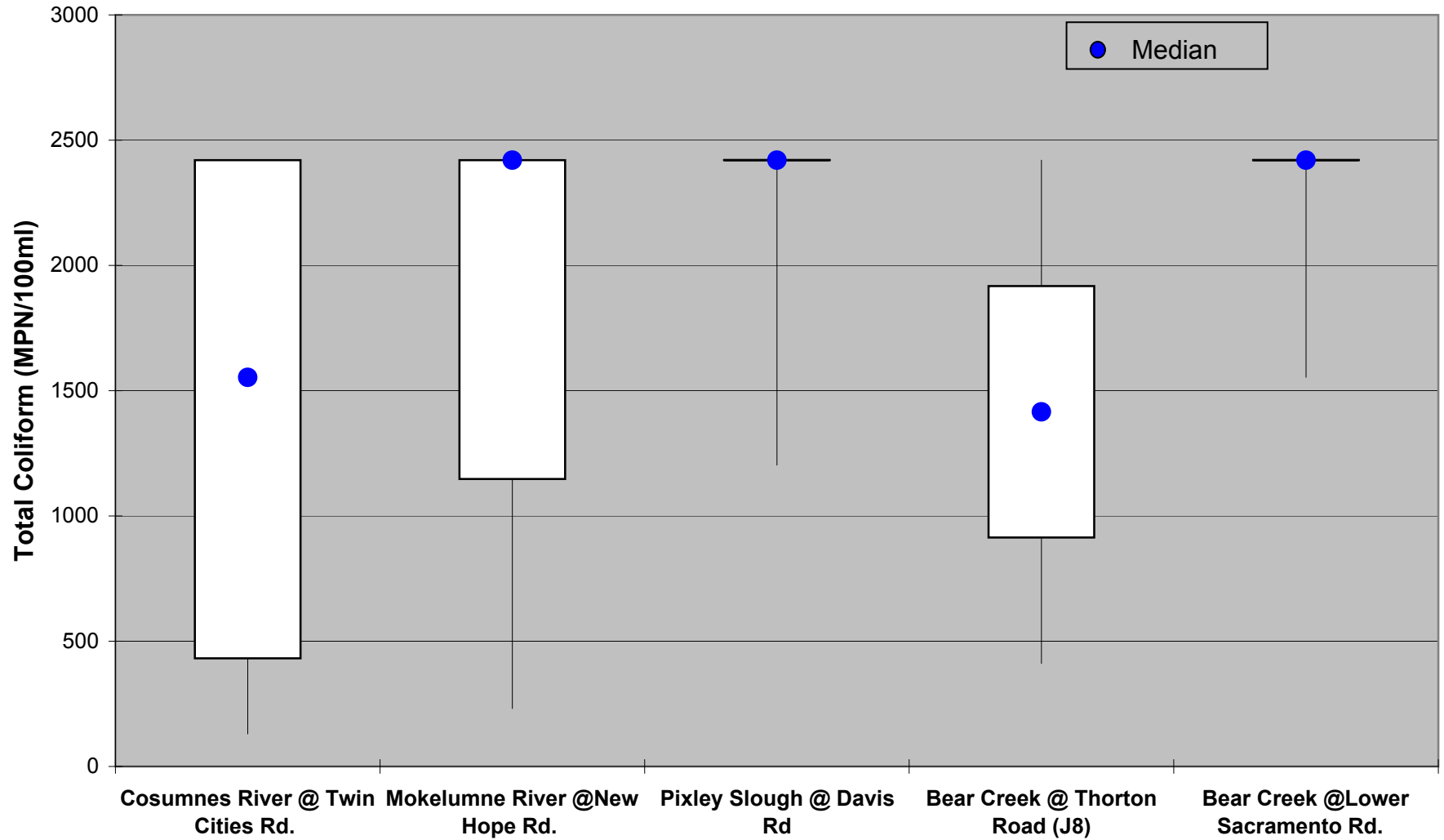
San Joaquin River Northeast Basin Total Organic Carbon WY01- WY05



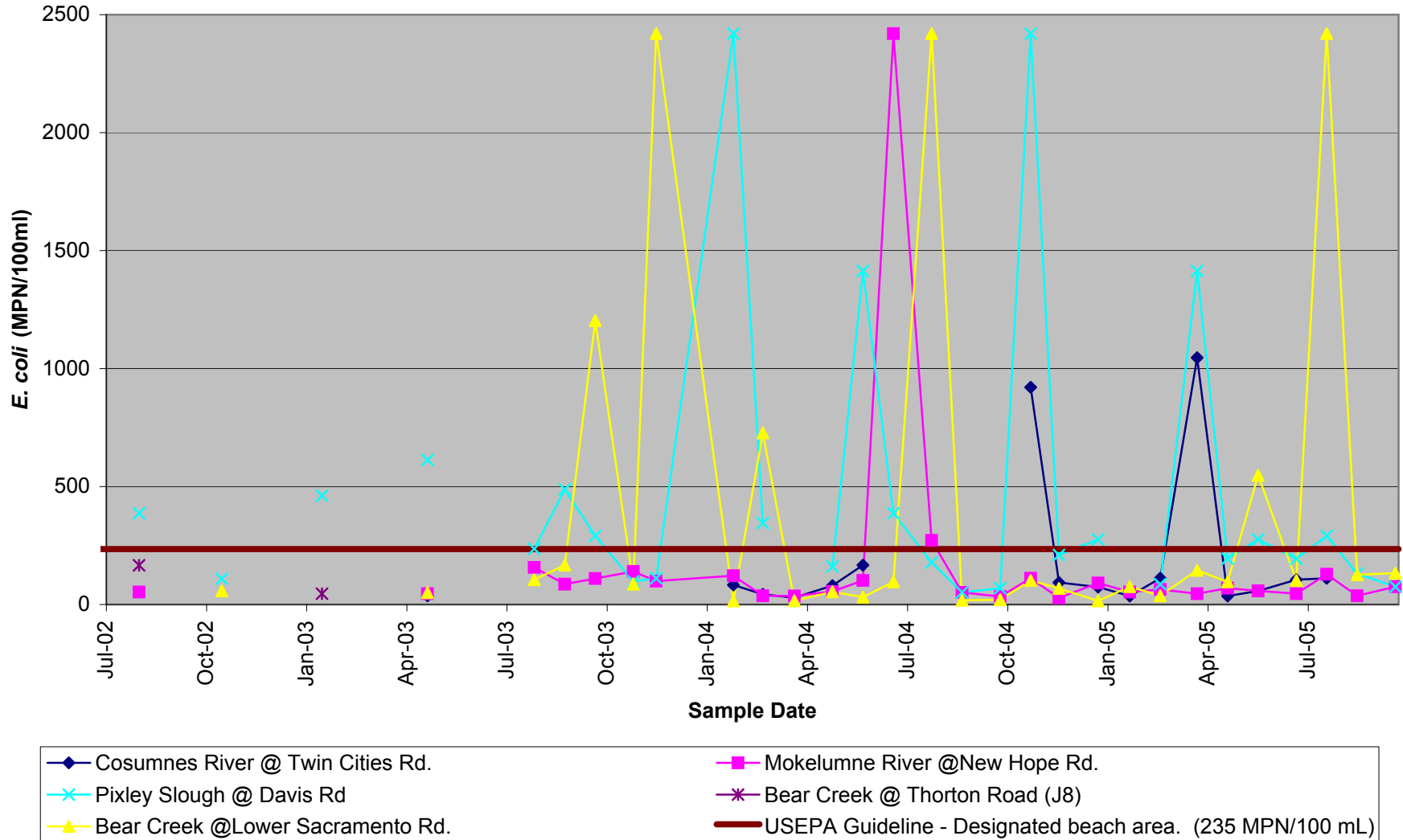
San Joaquin River Northeast Basin Total Coliform WY02-WY05



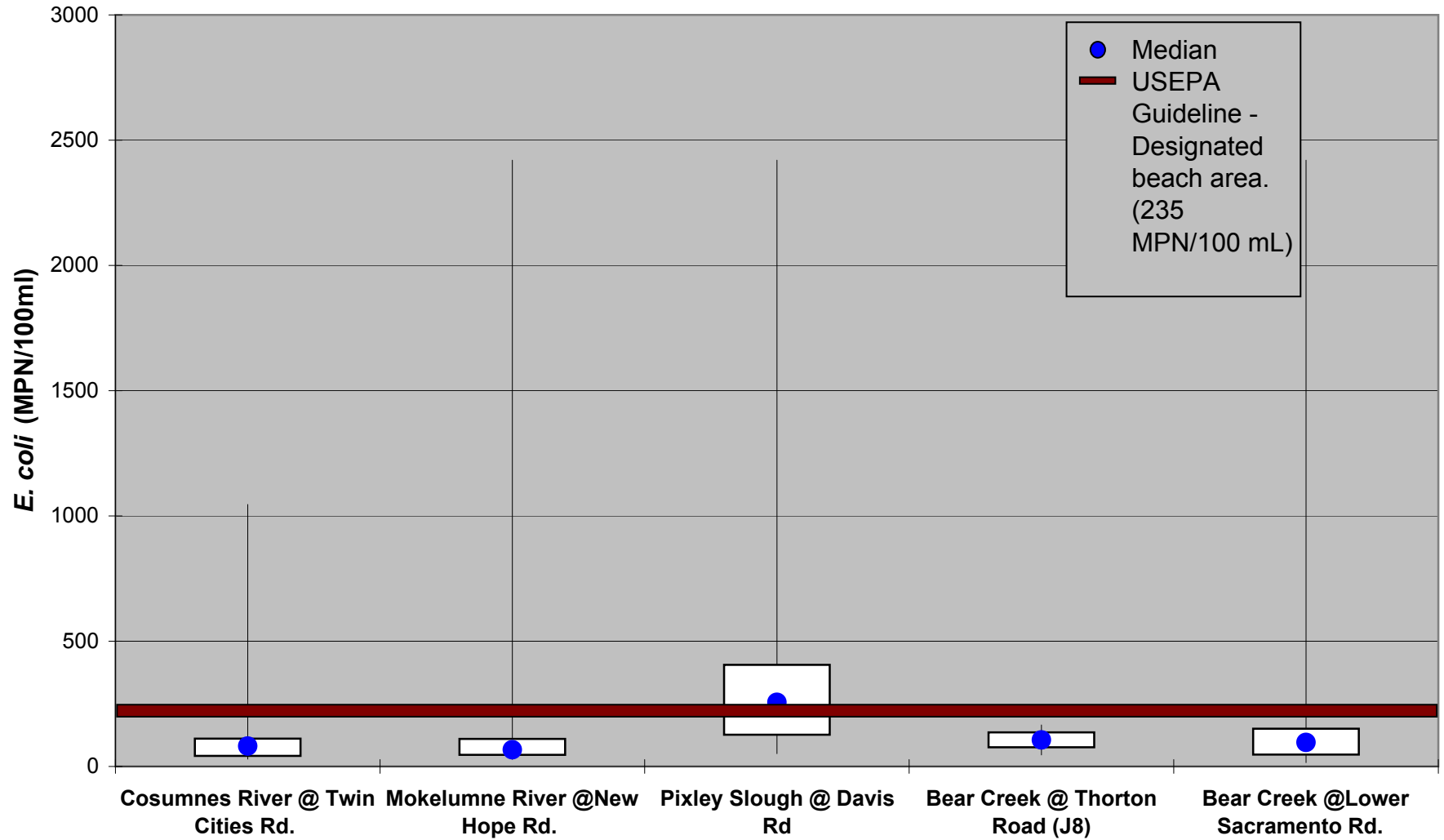
San Joaquin River Northeast Basin Total Coliform WY02- WY05



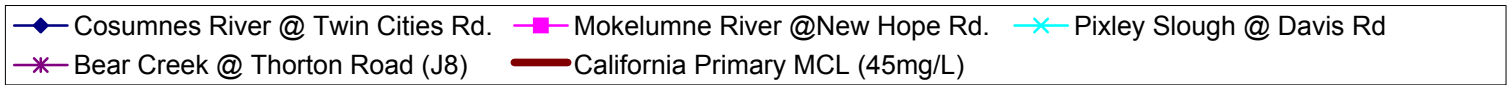
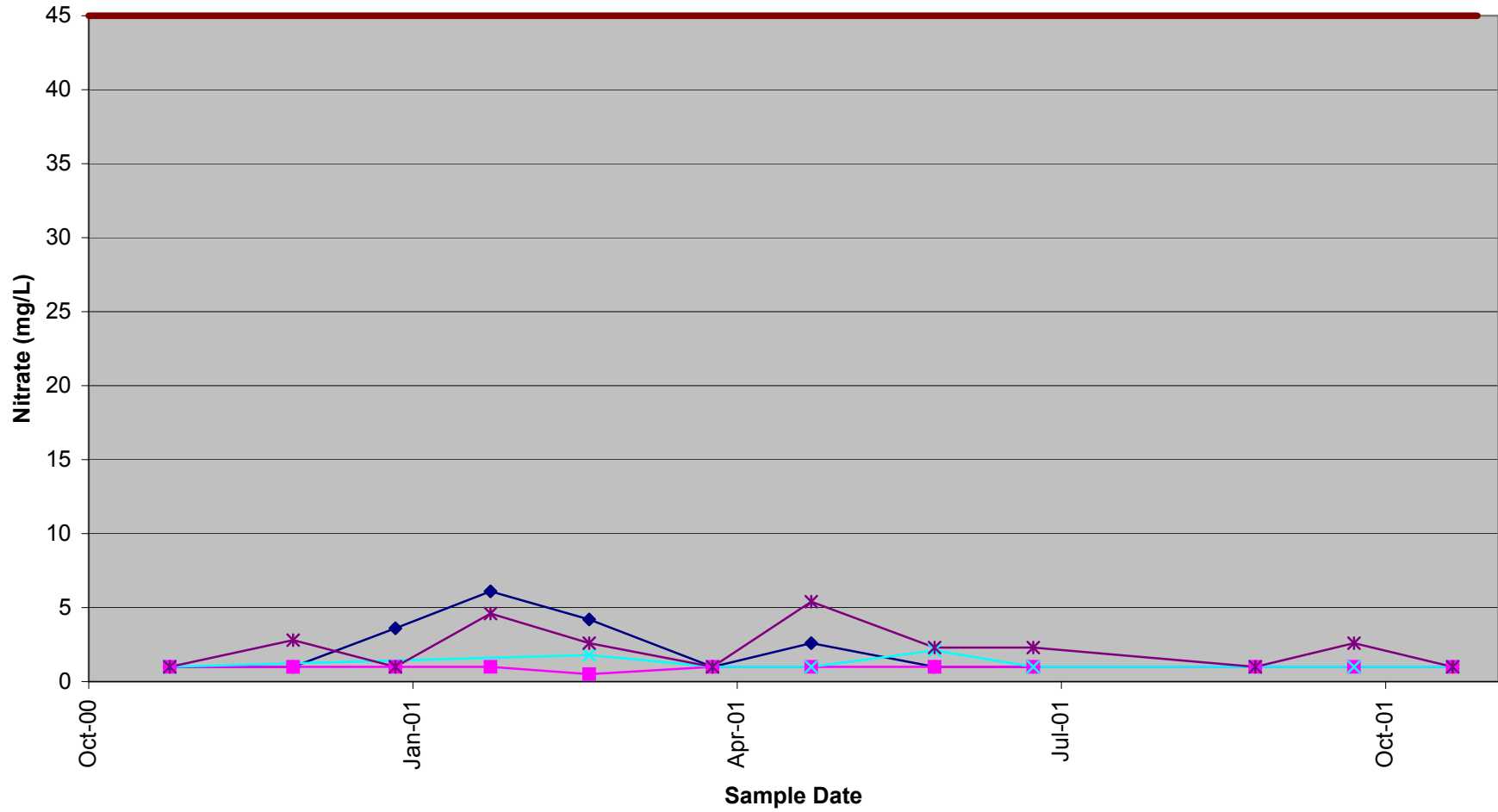
San Joaquin River Northeast Basin *Escherichia coli* WY02-WY05



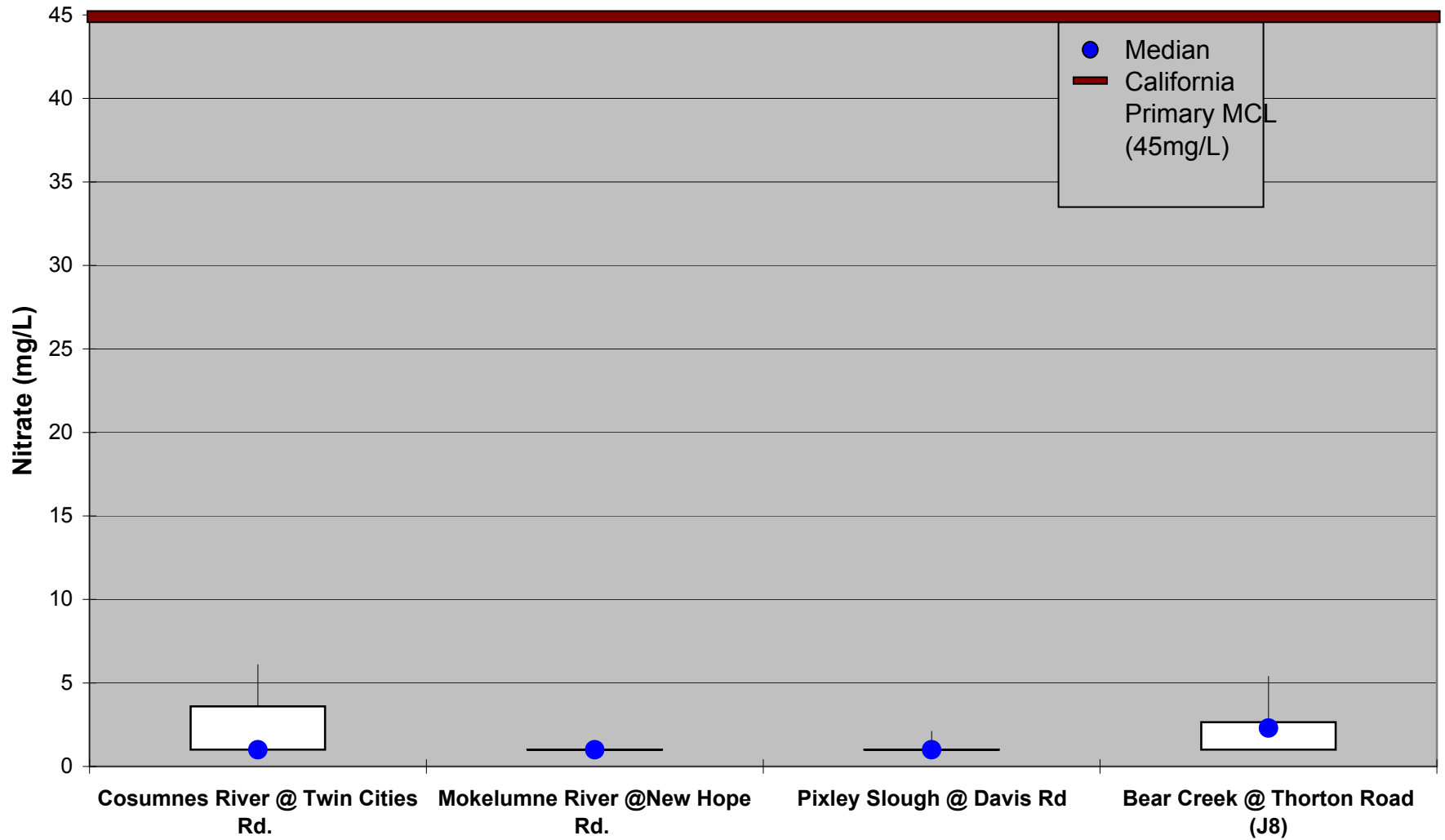
San Joaquin River Northeast Basin *Escherichia coli* WY02-WY05



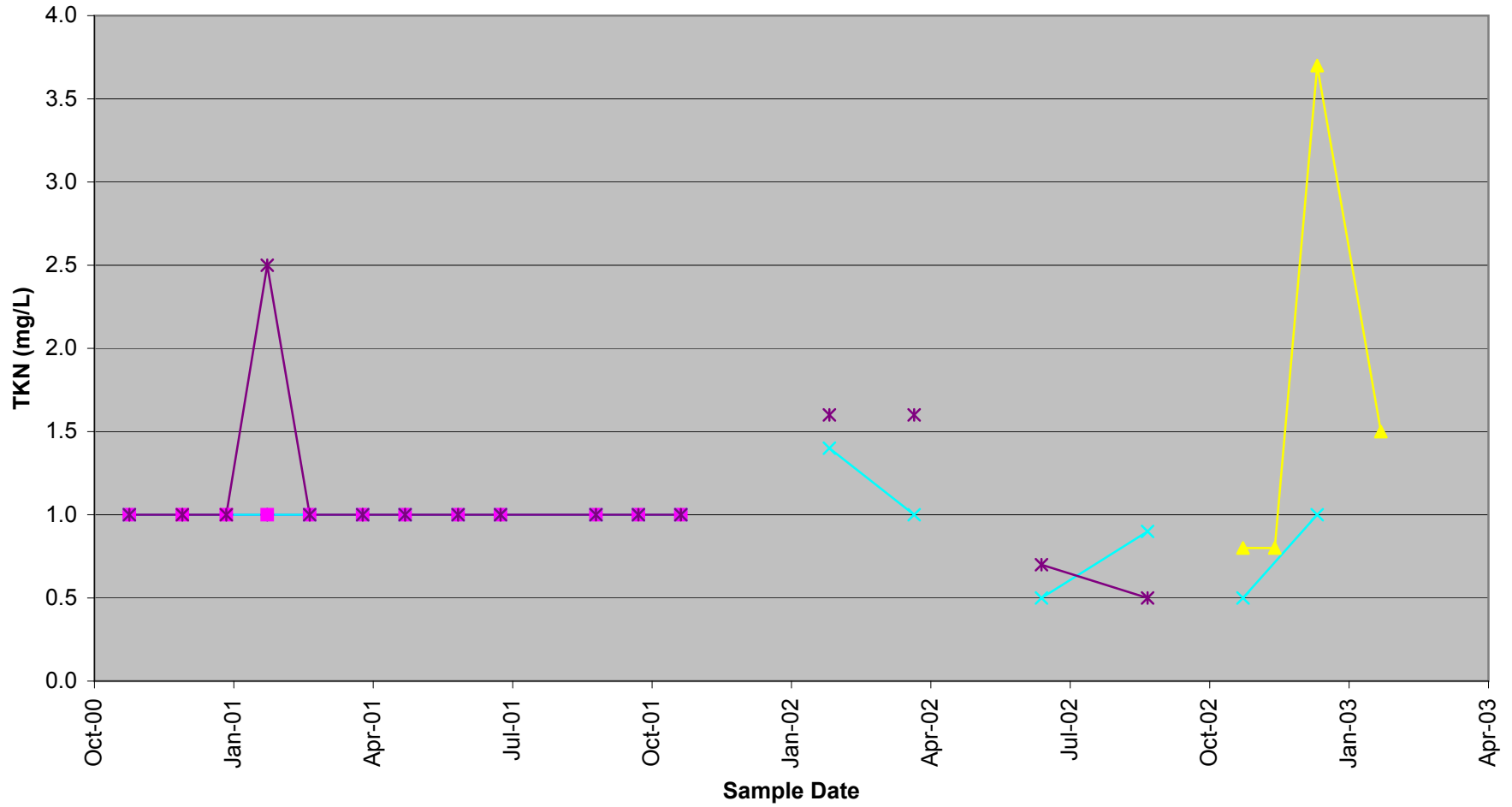
San Joaquin River Northeast Basin Nitrate WY01-WY02



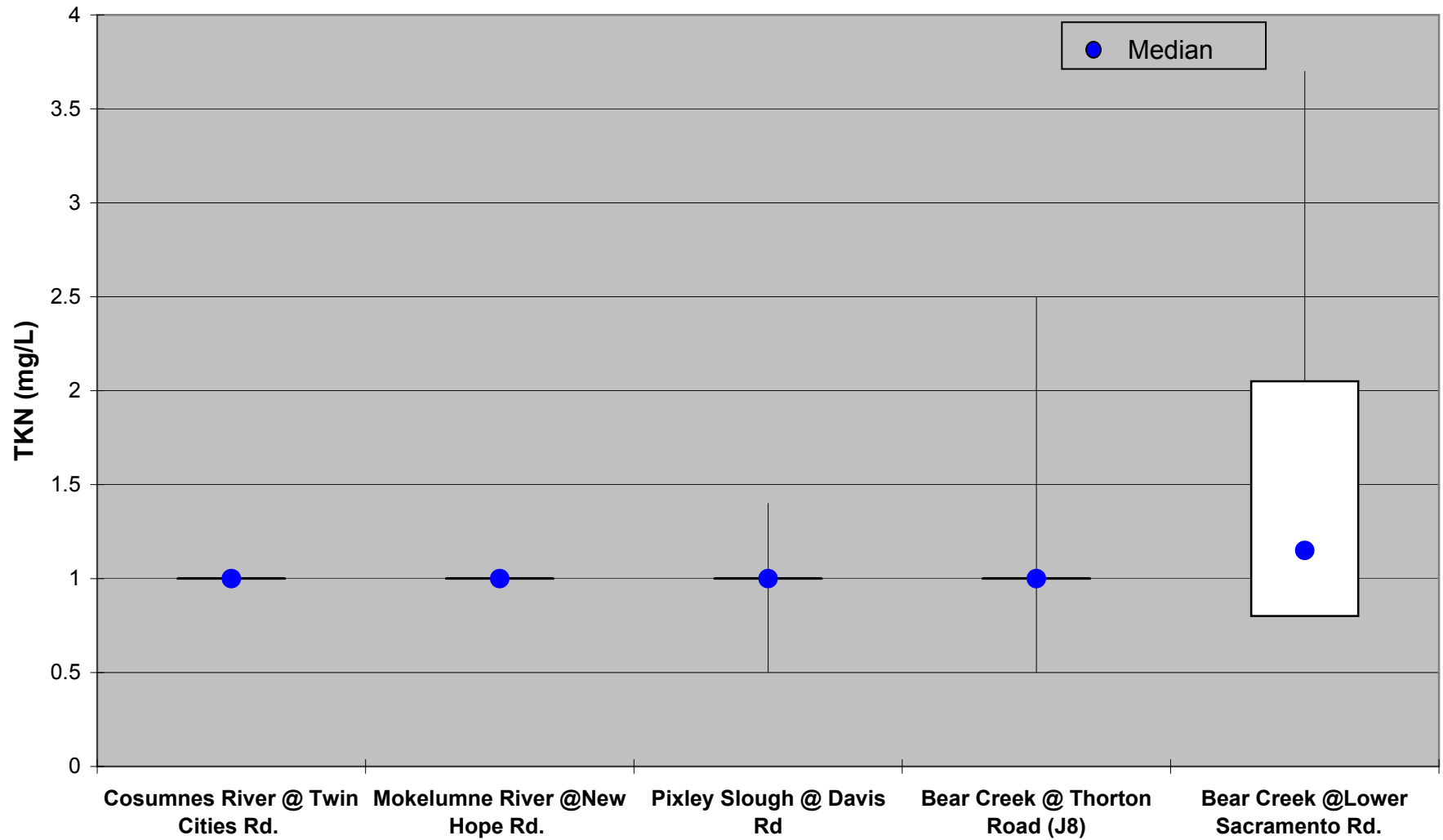
San Joaquin River Northeast Basin Nitrate WY01-WY04



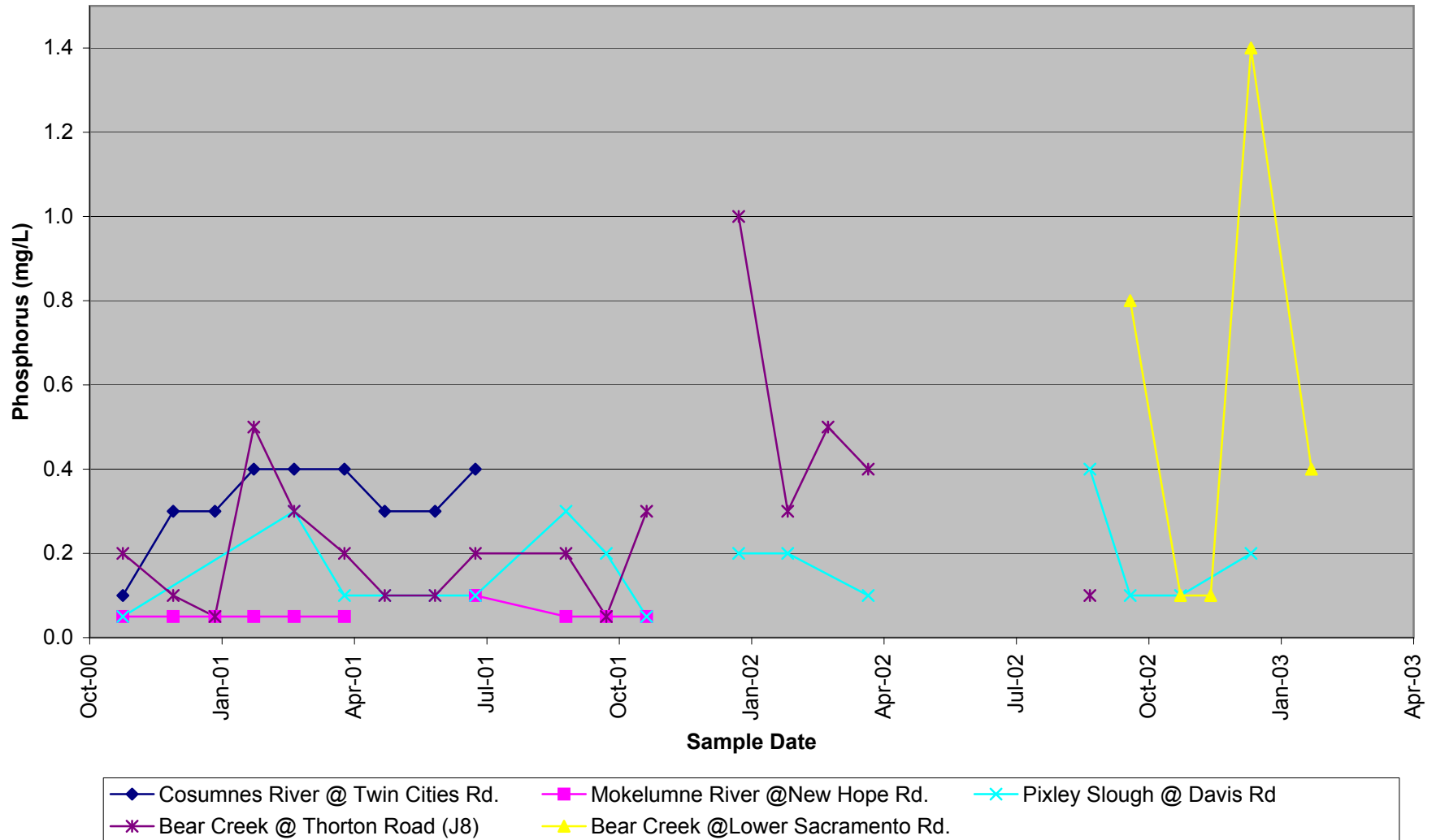
San Joaquin River Northeast Basin Total Kjeldahl Nitrogen WY01-WY03



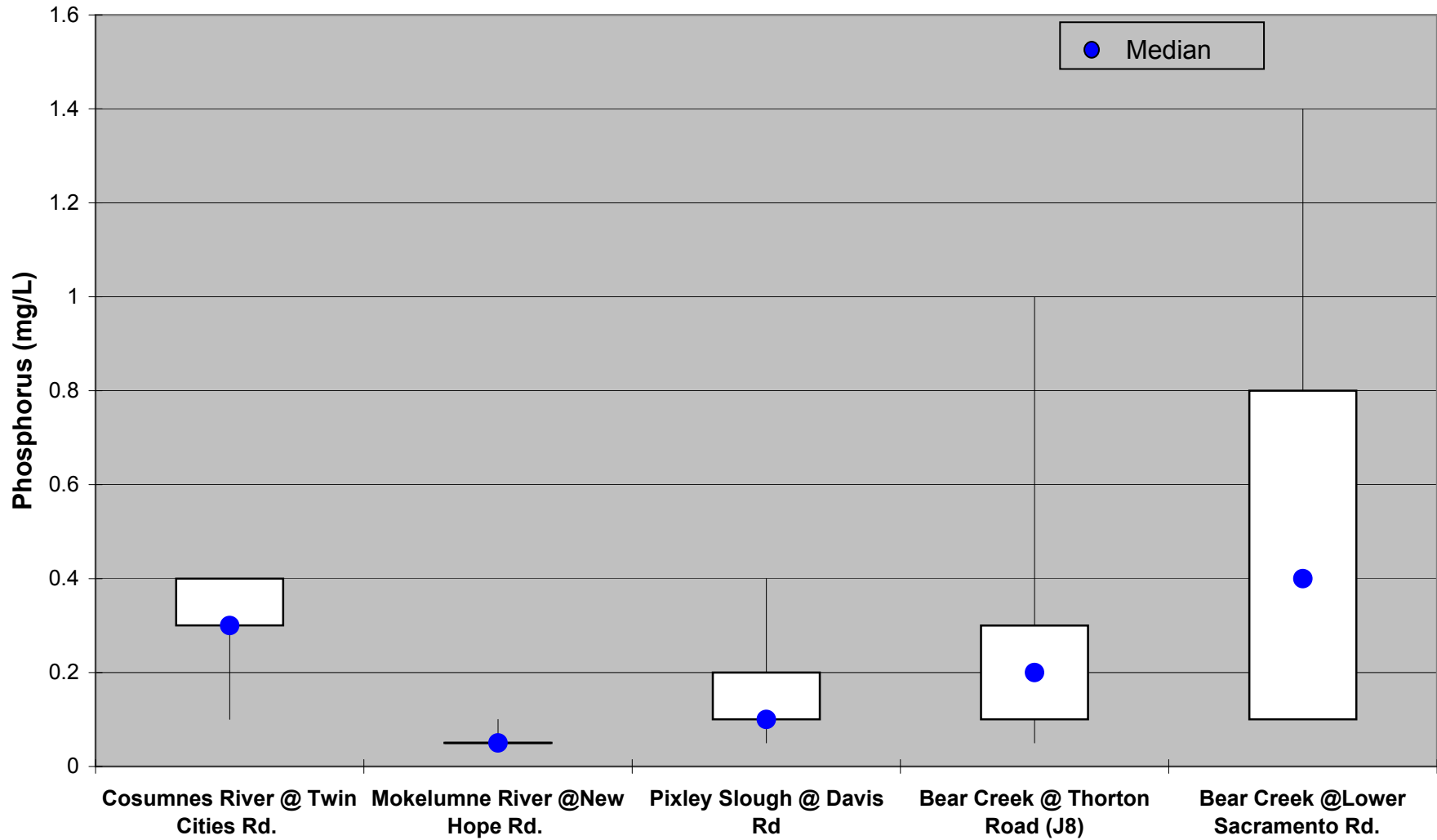
San Joaquin River Northeast Basin Total Kjeldahl Nitrogen WY01-WY05



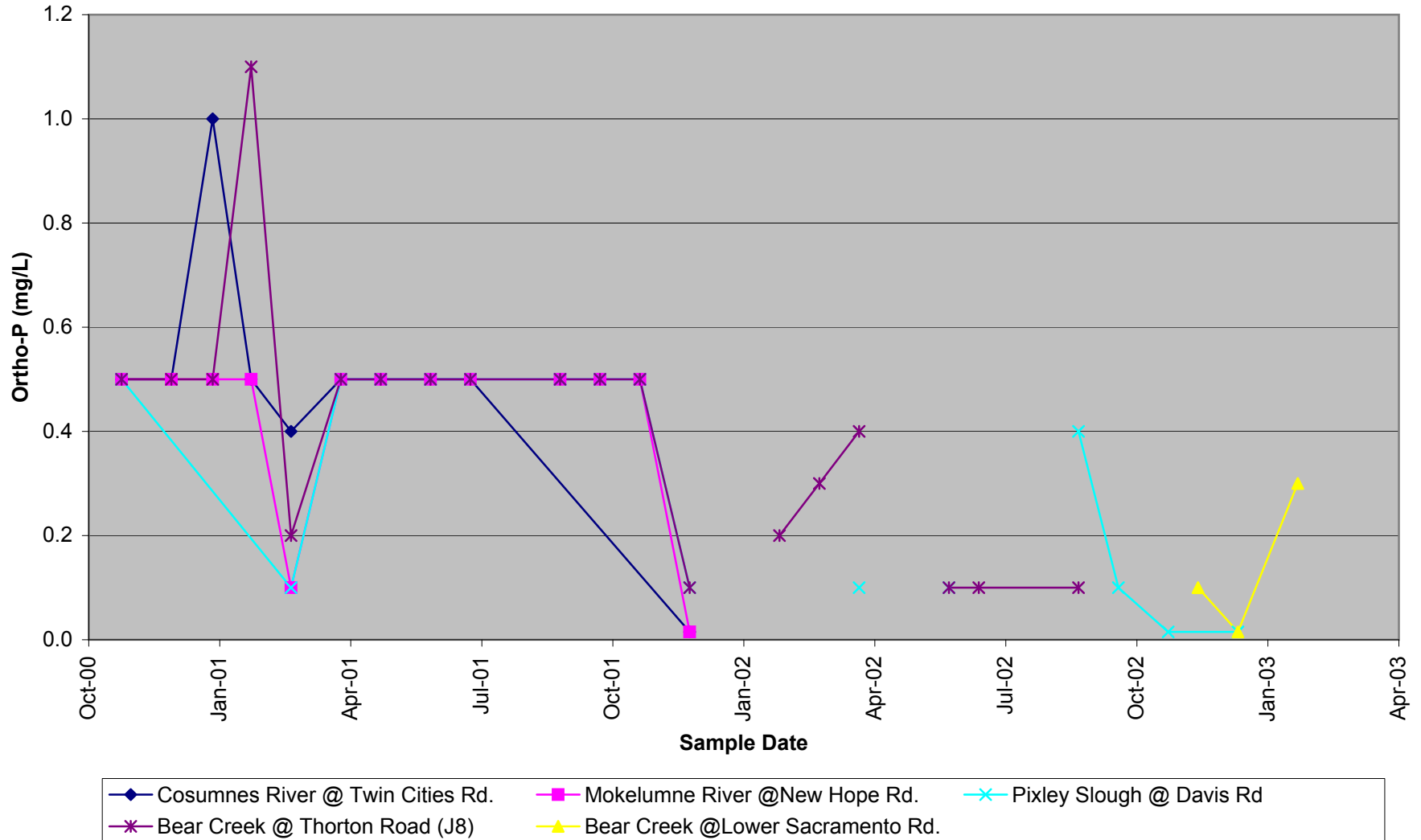
San Joaquin River Northeast Basin Phosphorus WY01-WY03



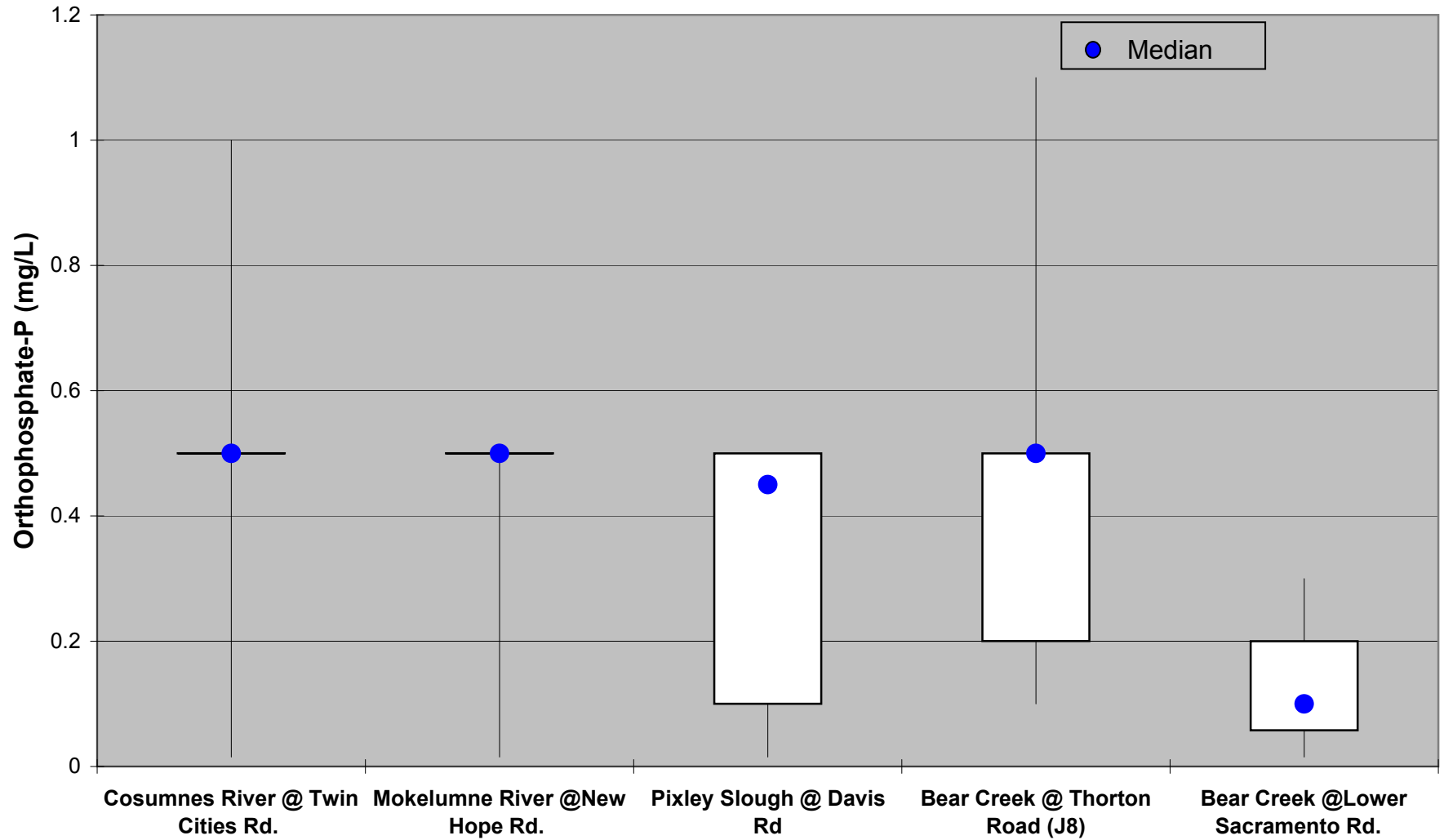
San Joaquin River Northeast Basin Phosphorus WY01-WY05



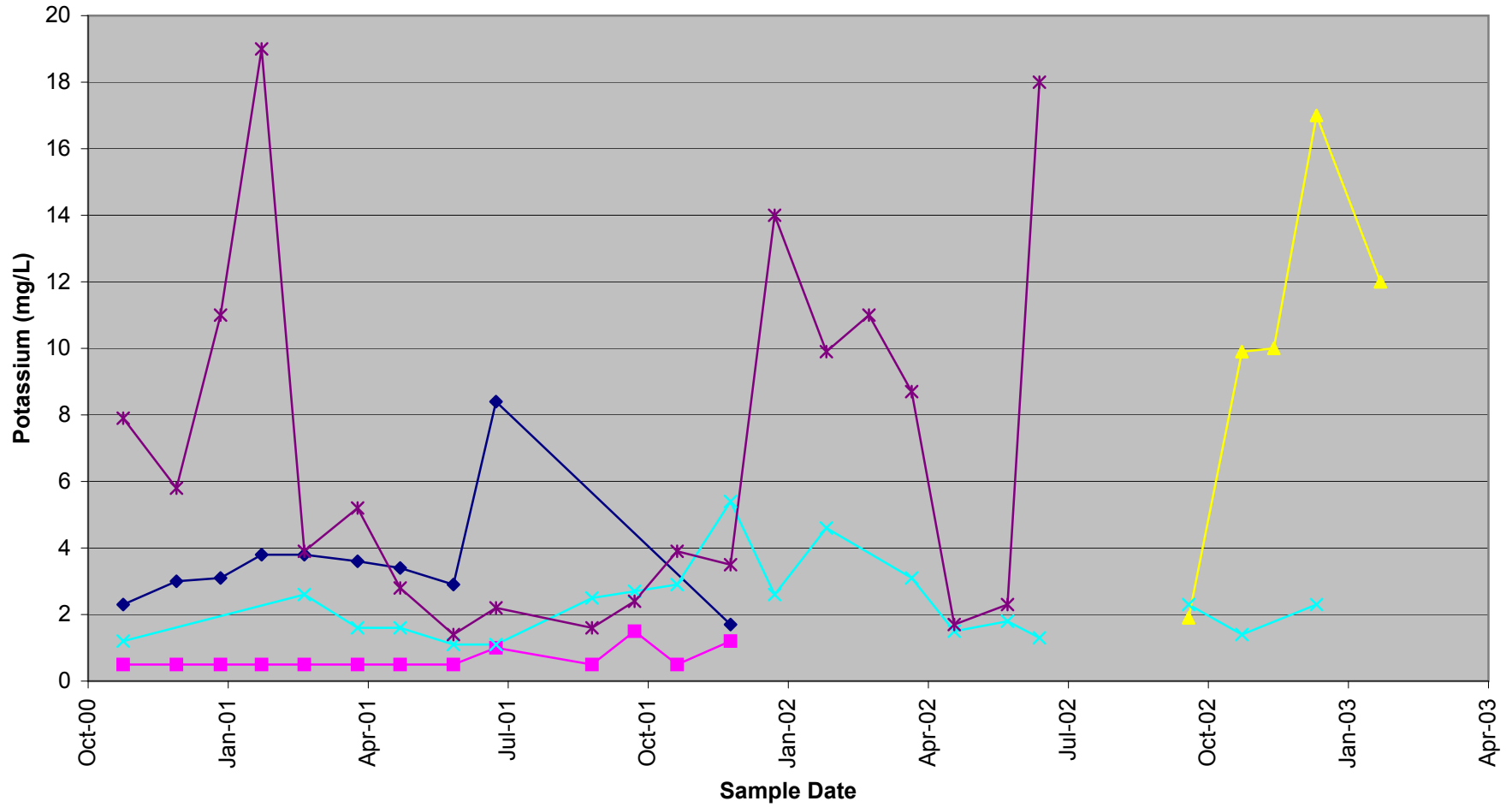
San Joaquin River Northeast Basin Orthophosphate-P WY01-WY03



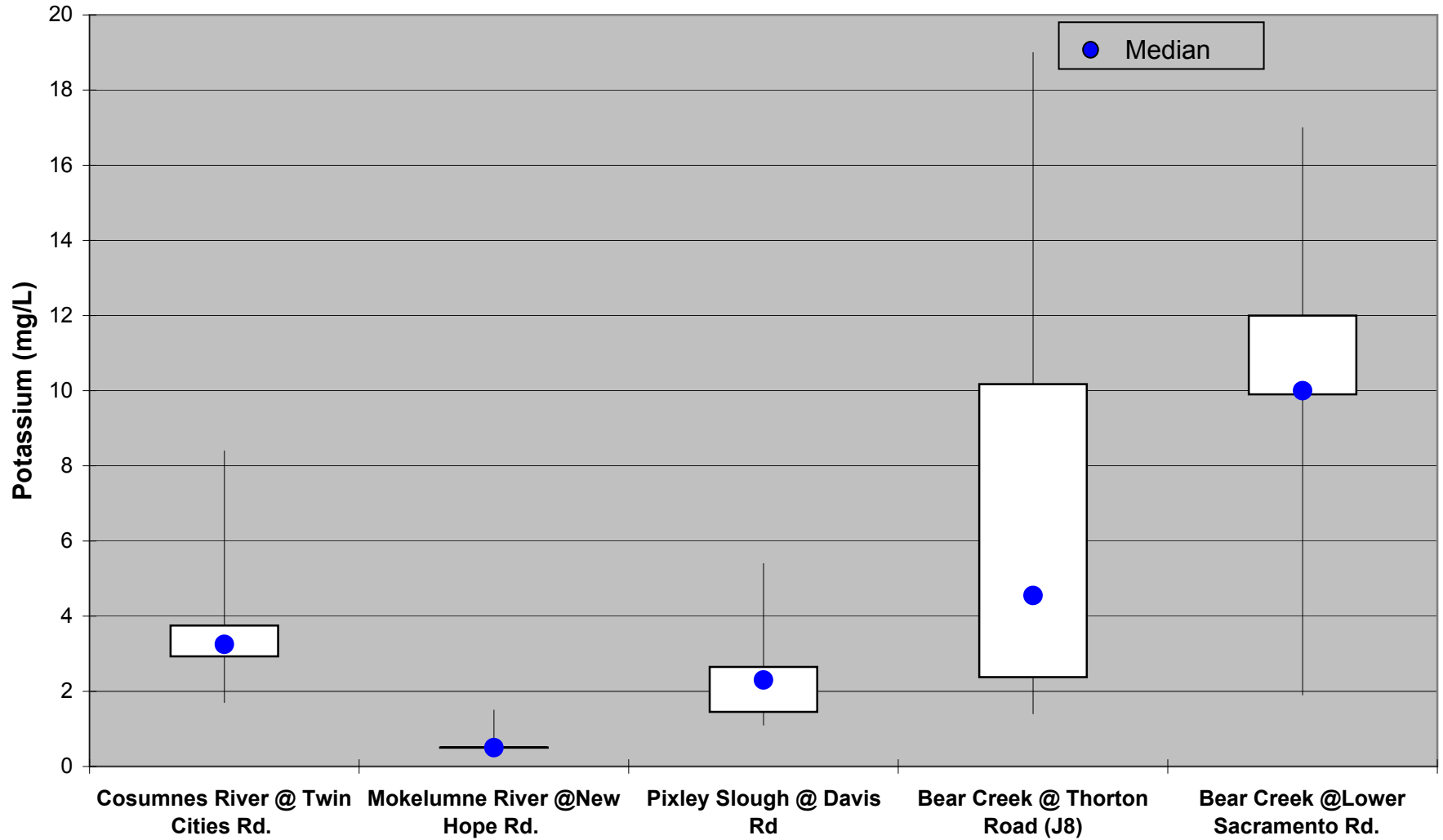
San Joaquin River Northeast Basin Orthophosphate-P WY01-WY05



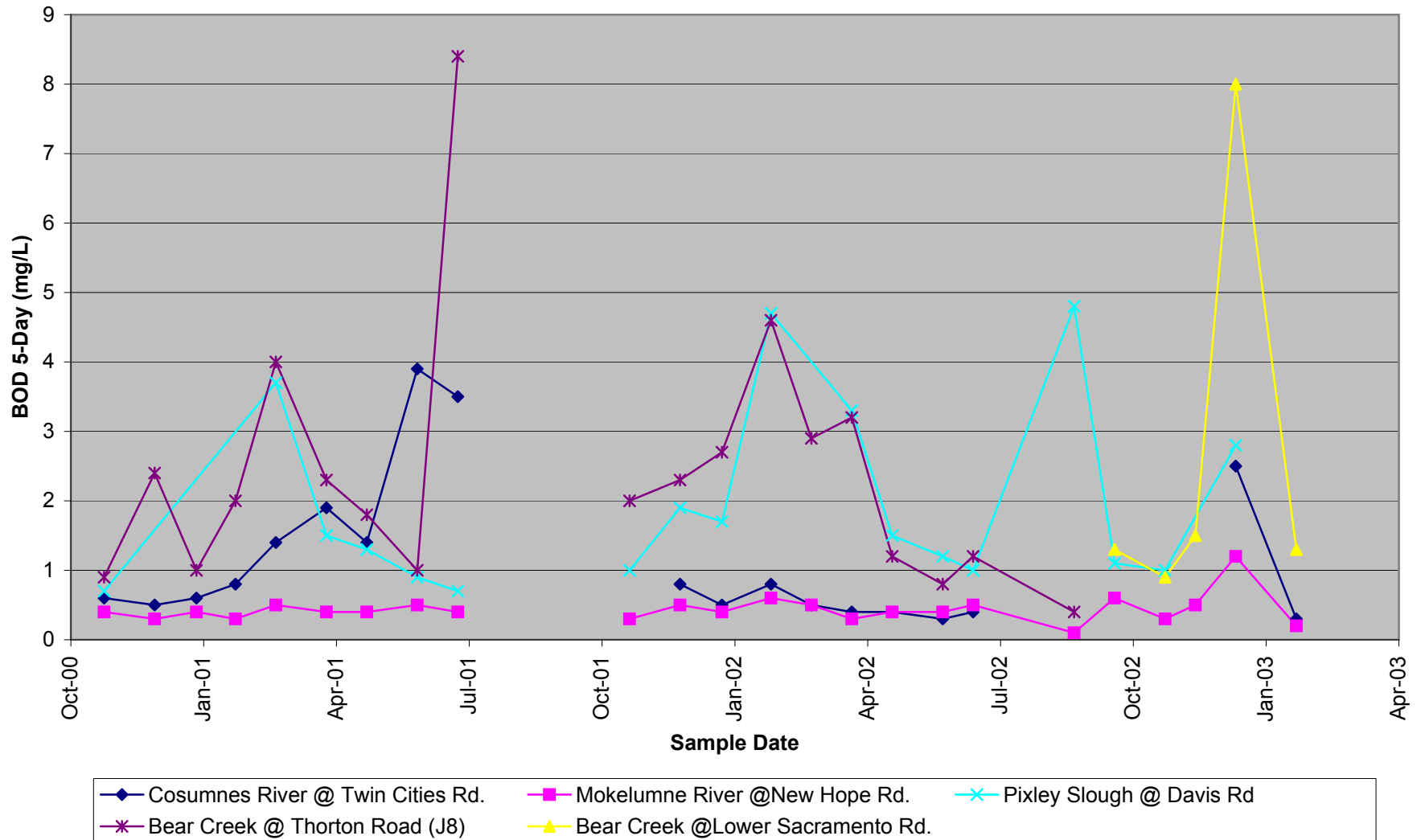
San Joaquin River Northeast Basin Potassium WY01-WY03



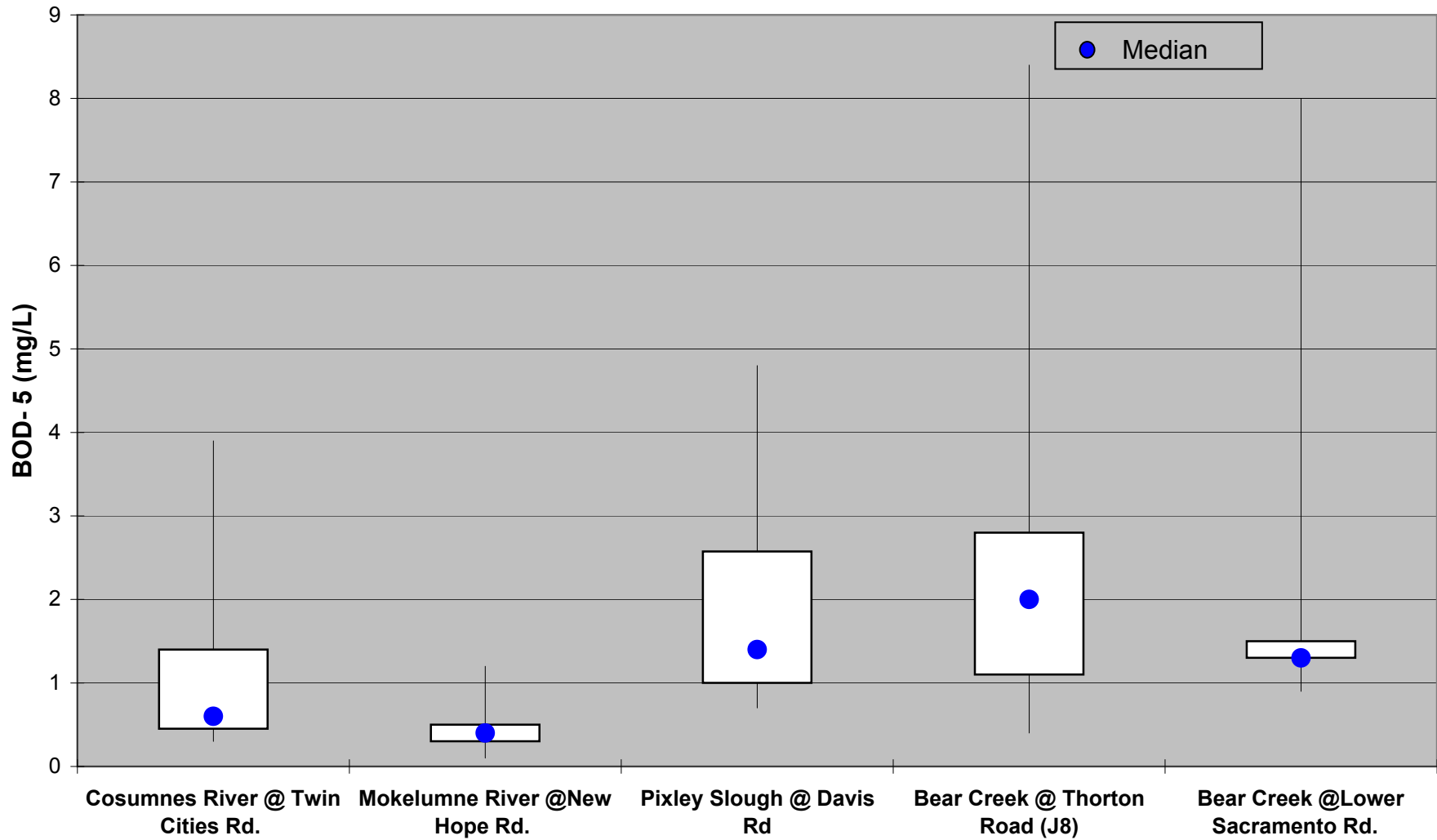
San Joaquin River Northeast Basin Potassium WY01-WY04



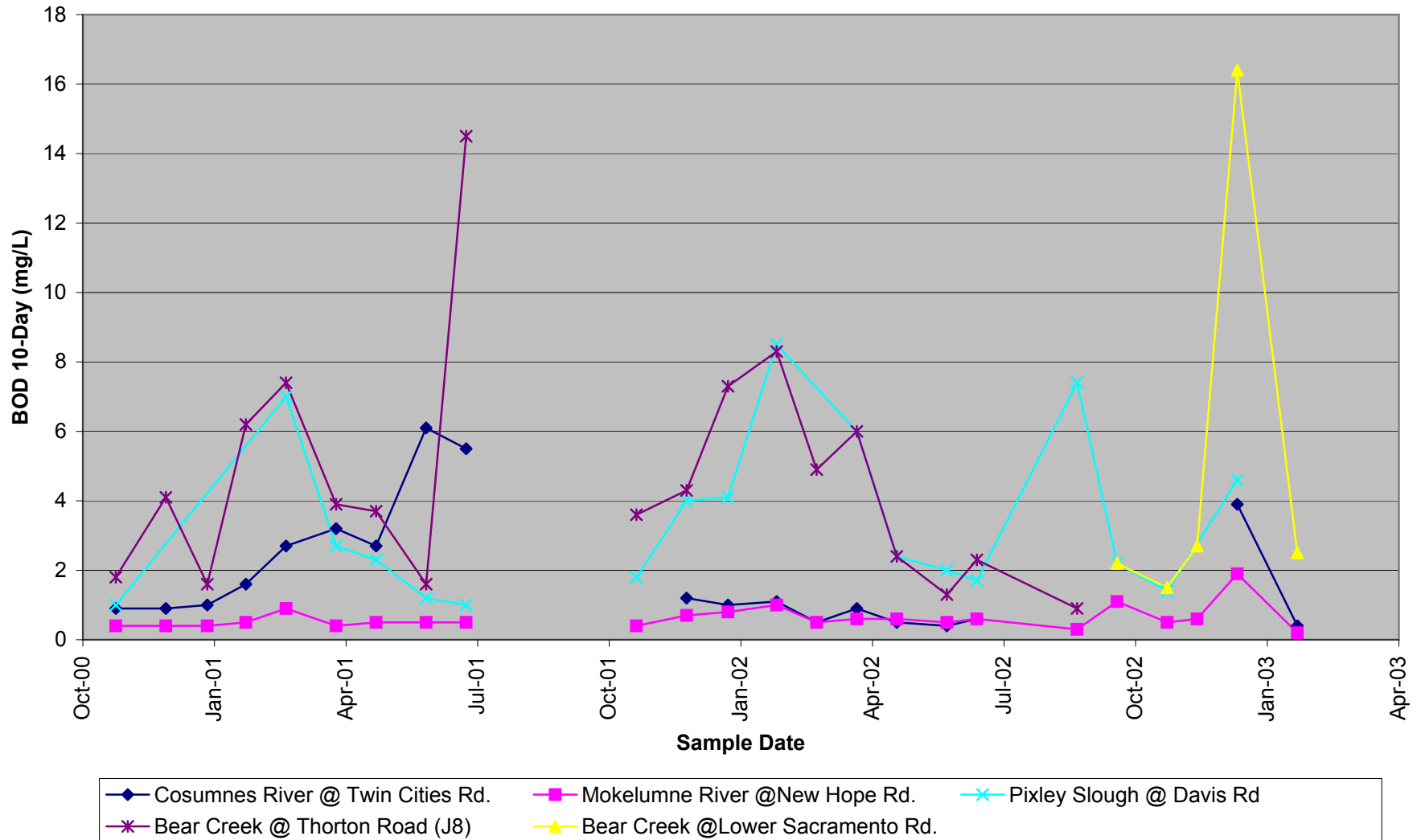
San Joaquin River Northeast Basin Biochemical Oxygen Demand 5-Day WY01-WY03



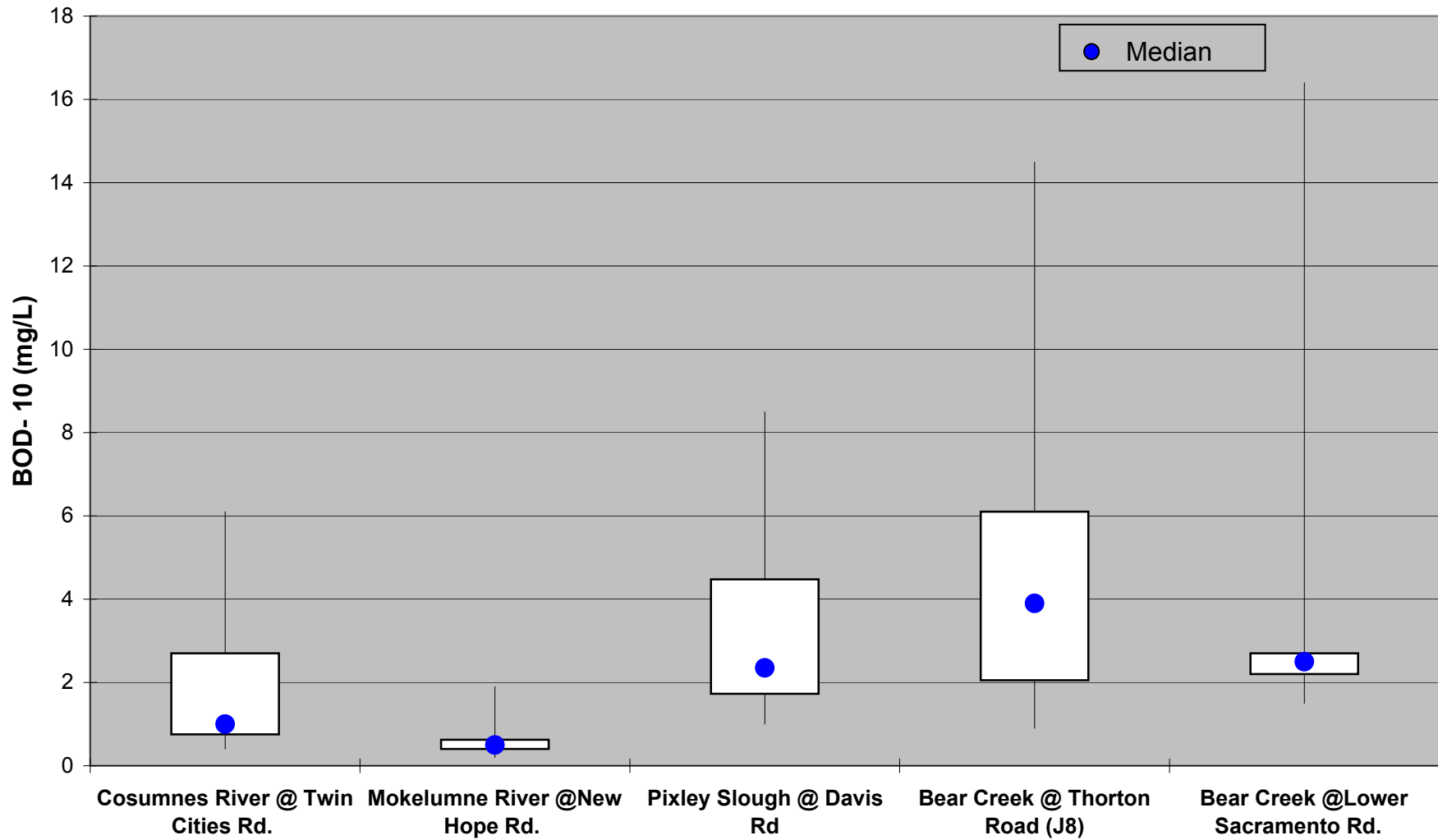
San Joaquin River Northeast Basin Biological Oxygen Demand 5-Day WY01-WY03



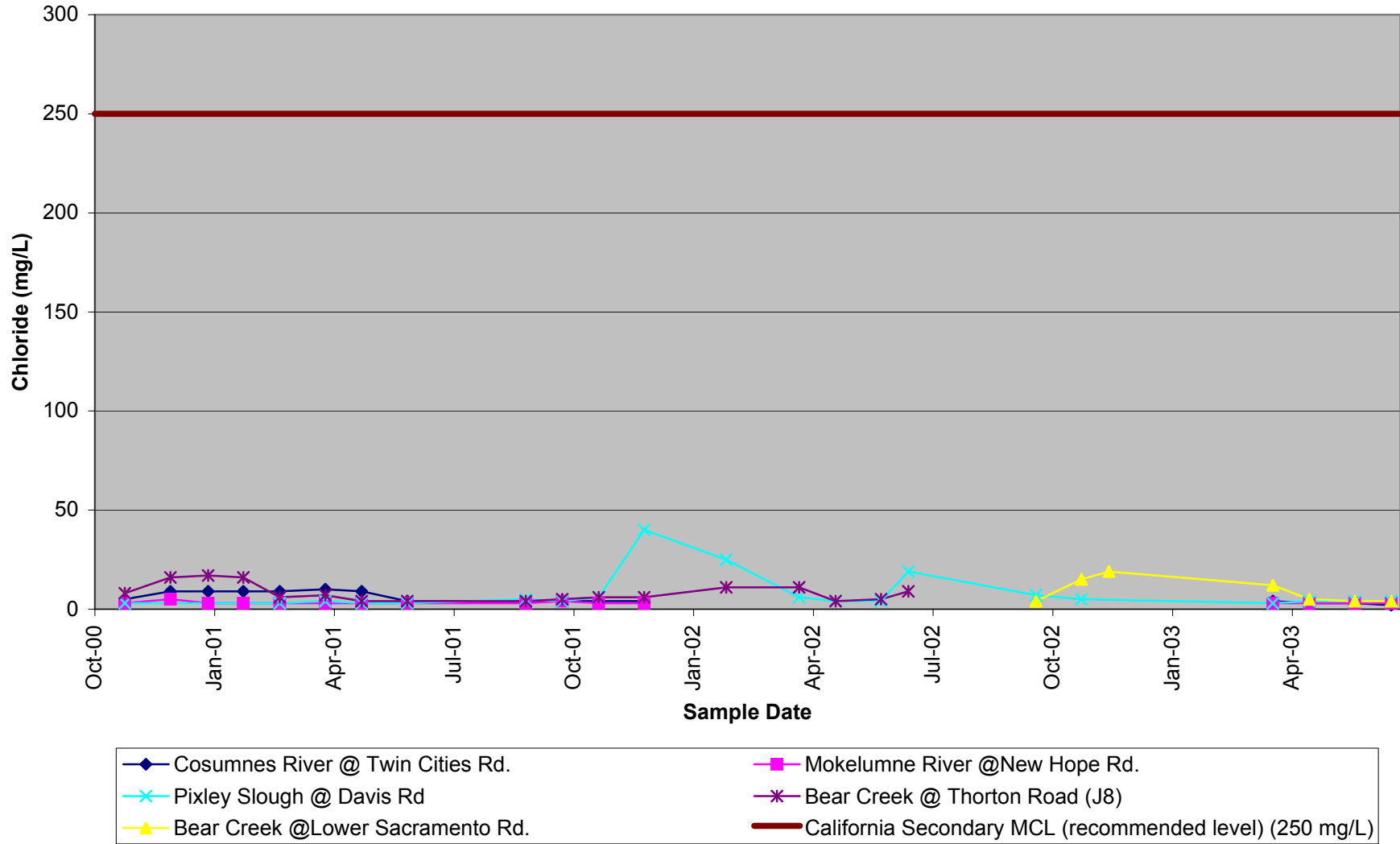
San Joaquin River Northeast Basin Biochemical Oxygen Demand 10-Day WY01-WY03



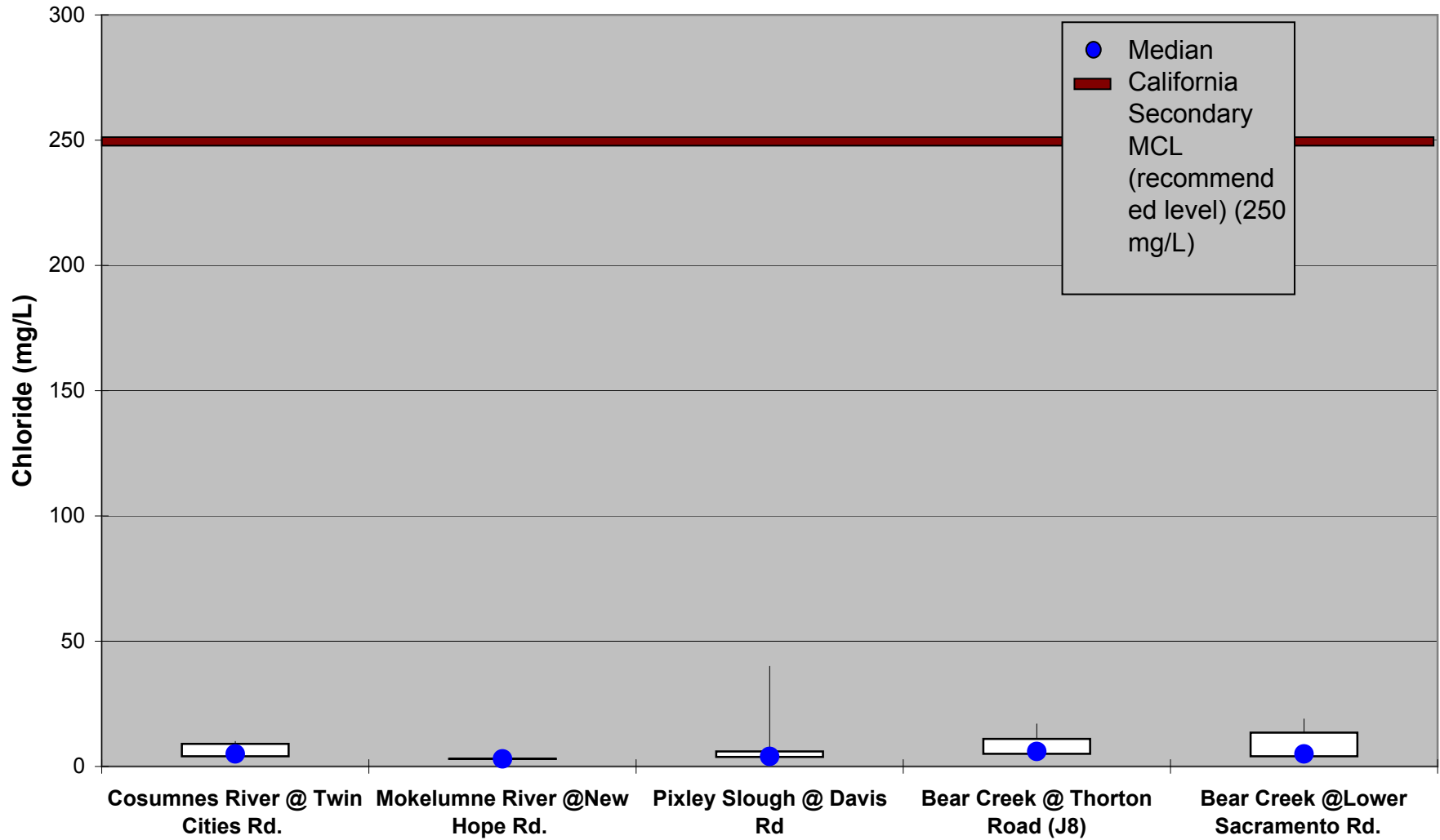
San Joaquin River Northeast Basin Biological Oxygen Demand 10-Day WY01-WY03



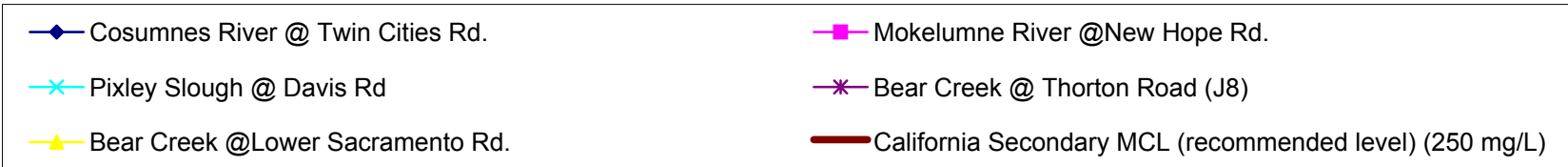
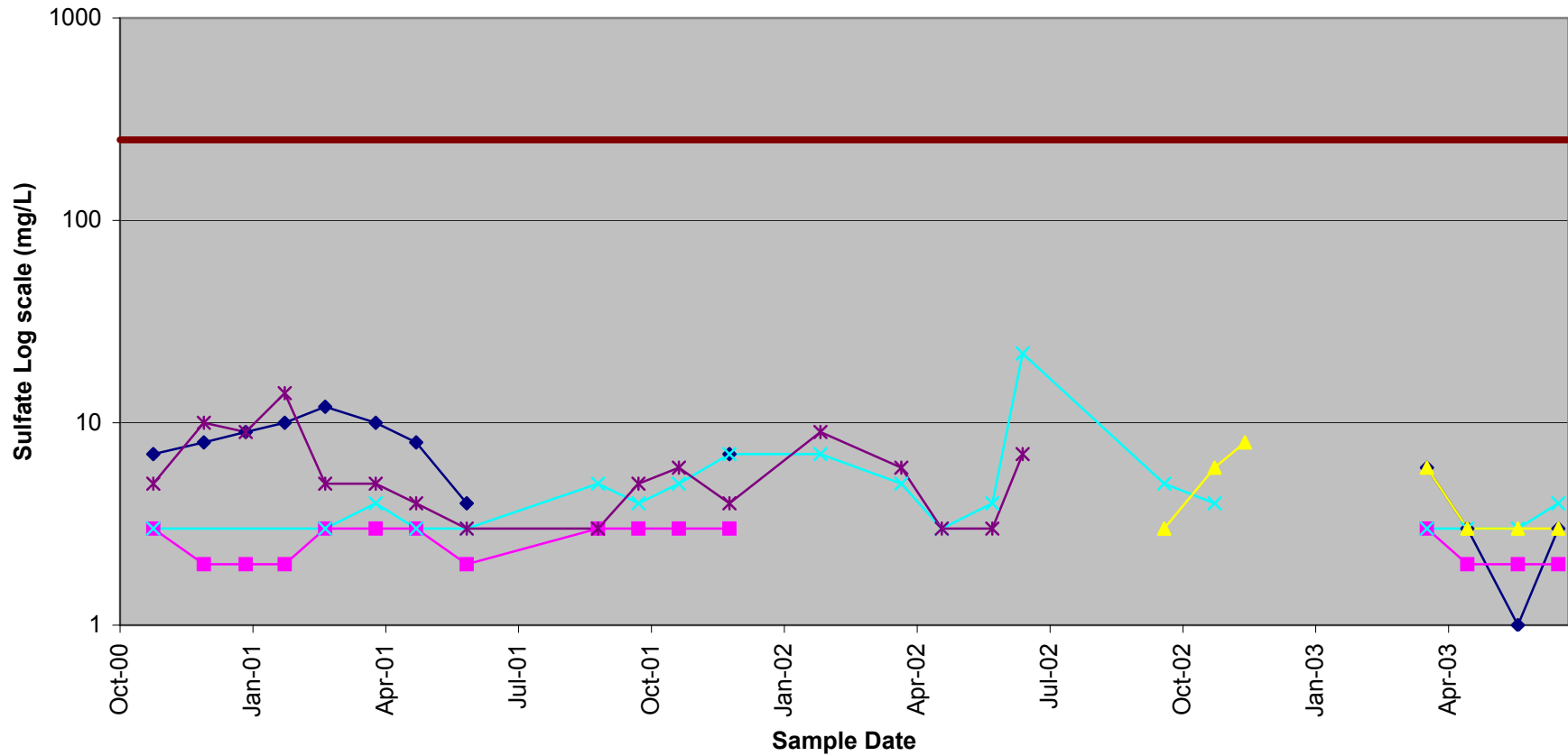
San Joaquin River Northeast Basin Chloride WY01-WY03



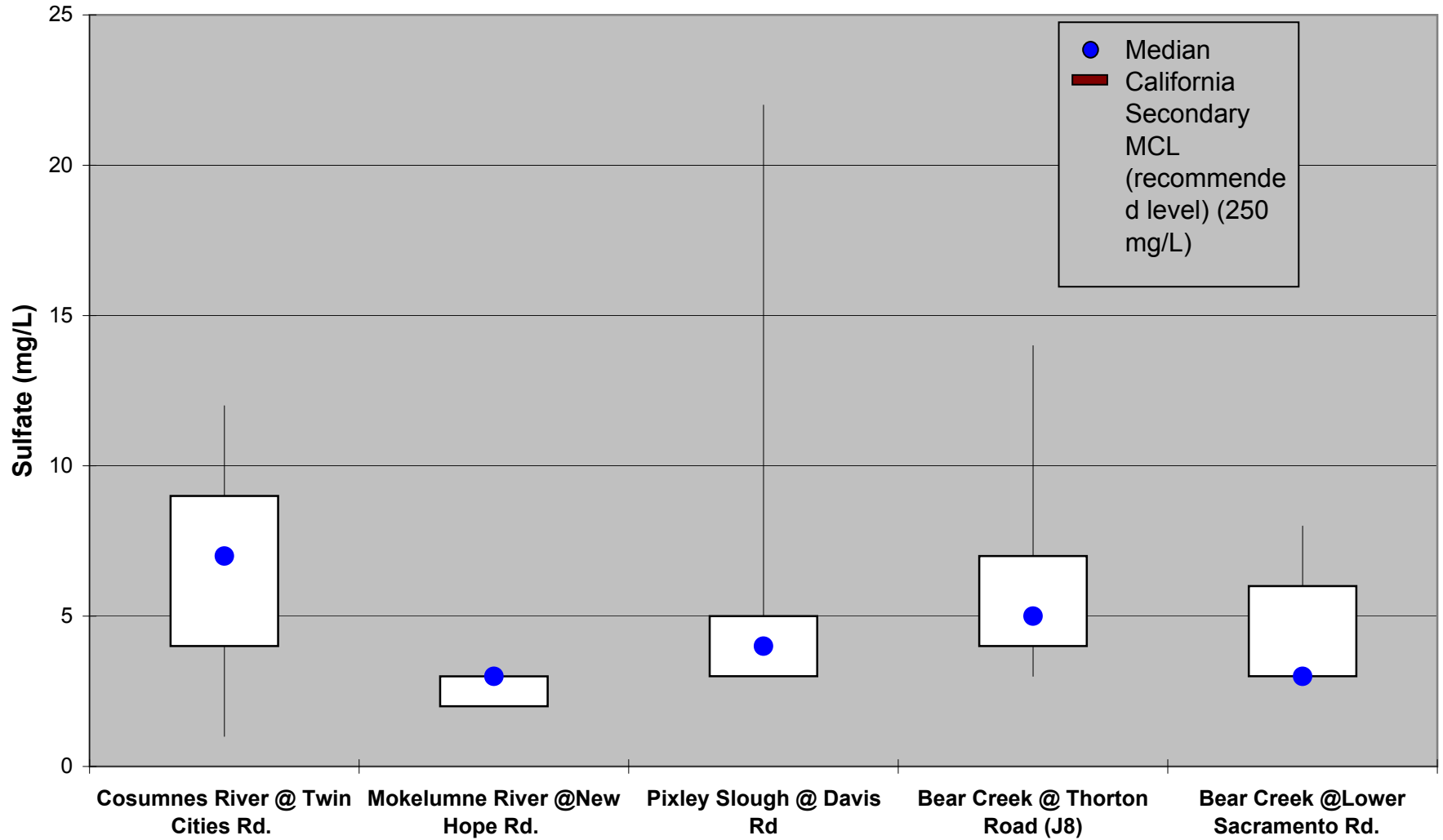
San Joaquin River Northeast Basin Chloride WY01-WY03



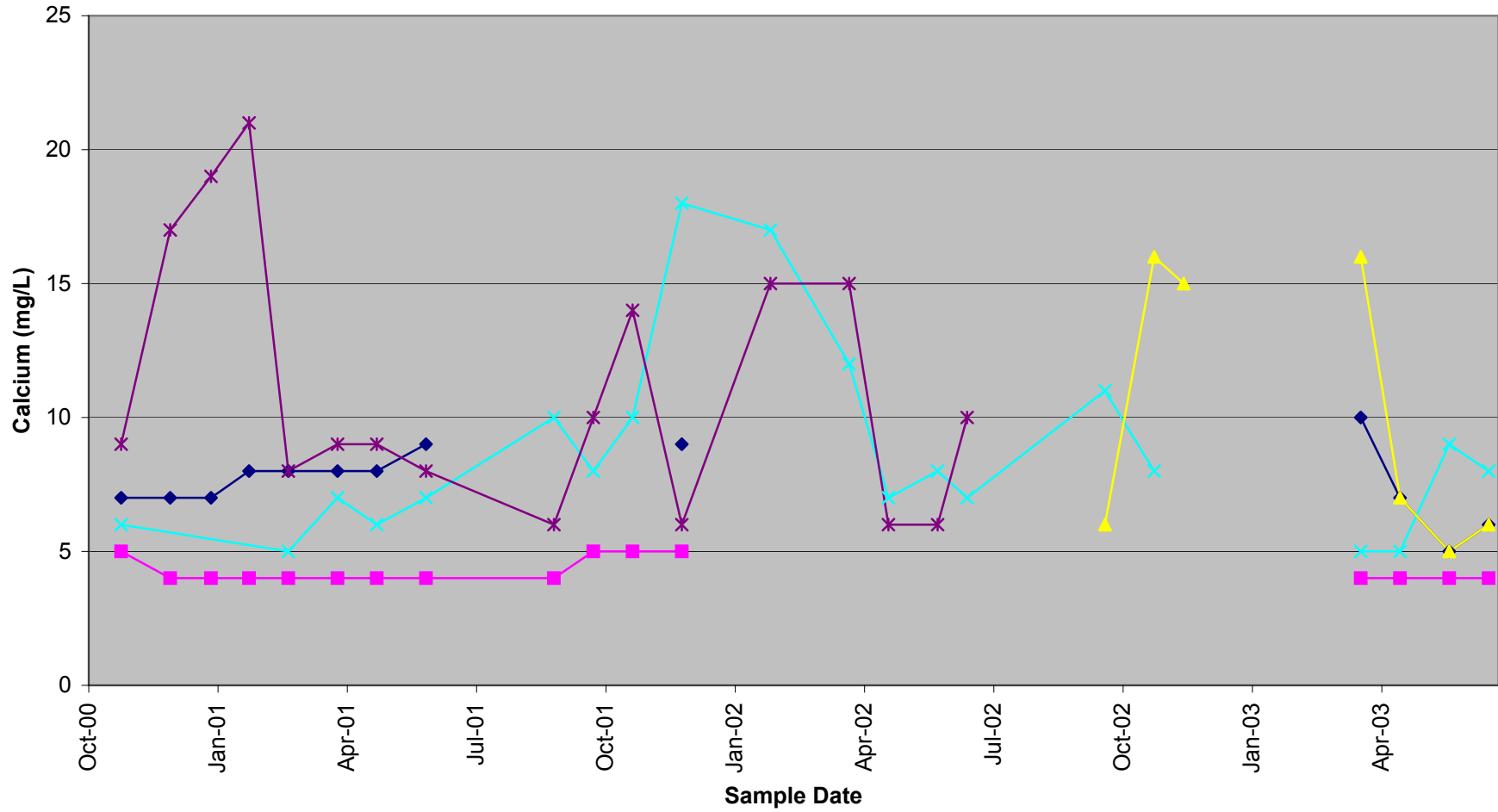
San Joaquin River Northeast Basin Sulfate WY01-WY03 Log Scale



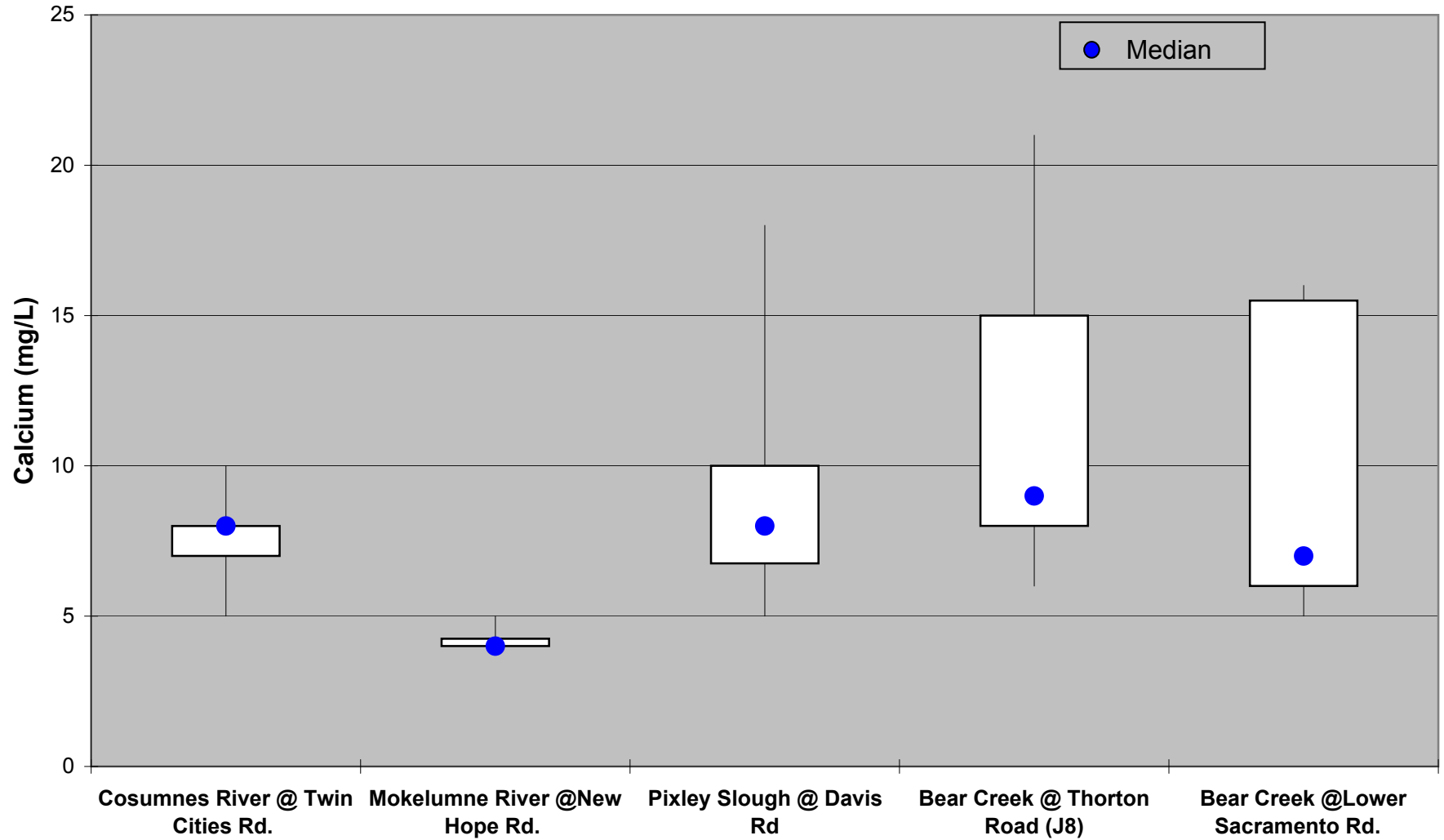
San Joaquin River Northeast Basin Sulfate WY01-WY03



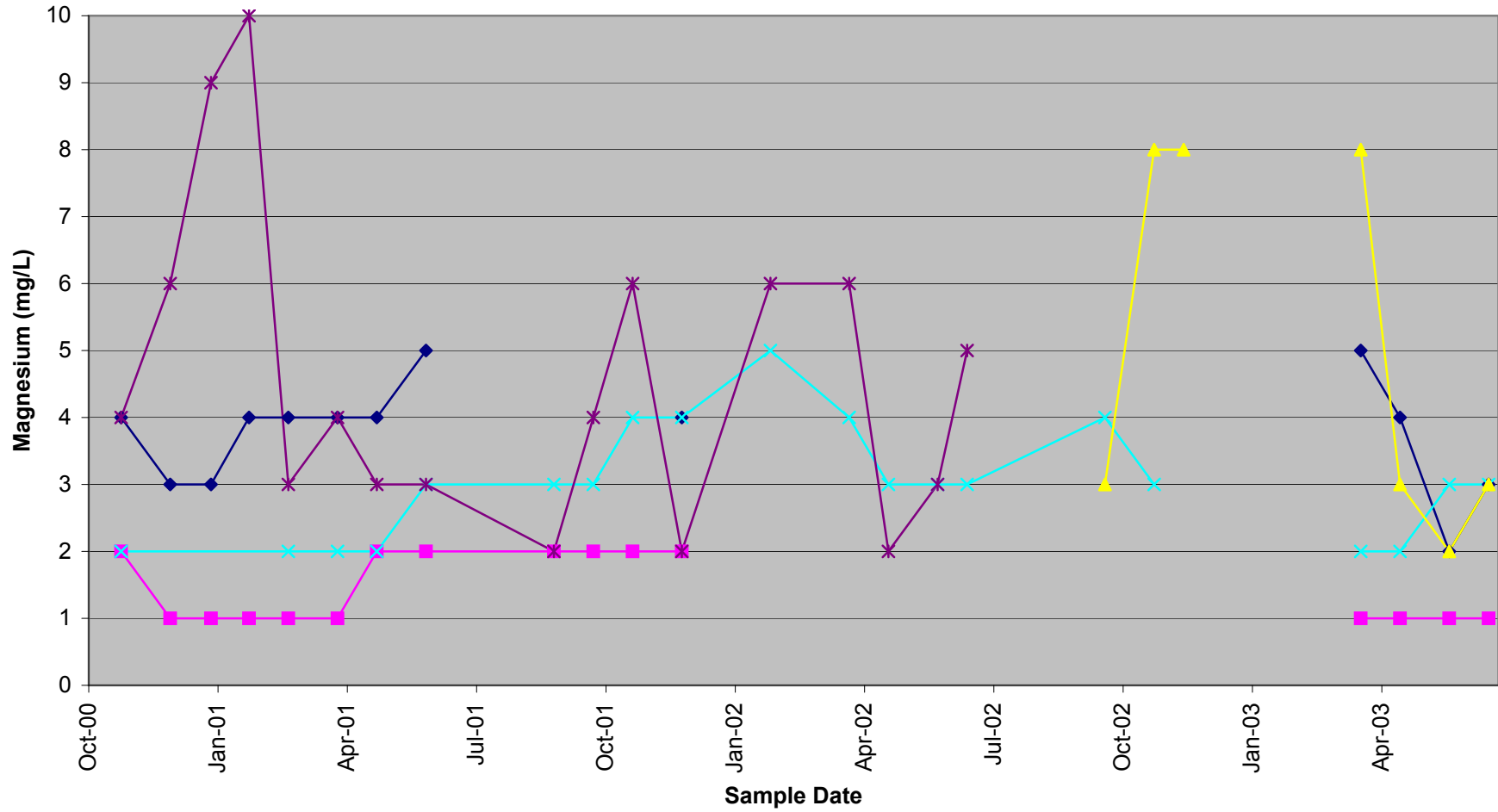
San Joaquin River Northeast Basin Calcium WY01-WY03



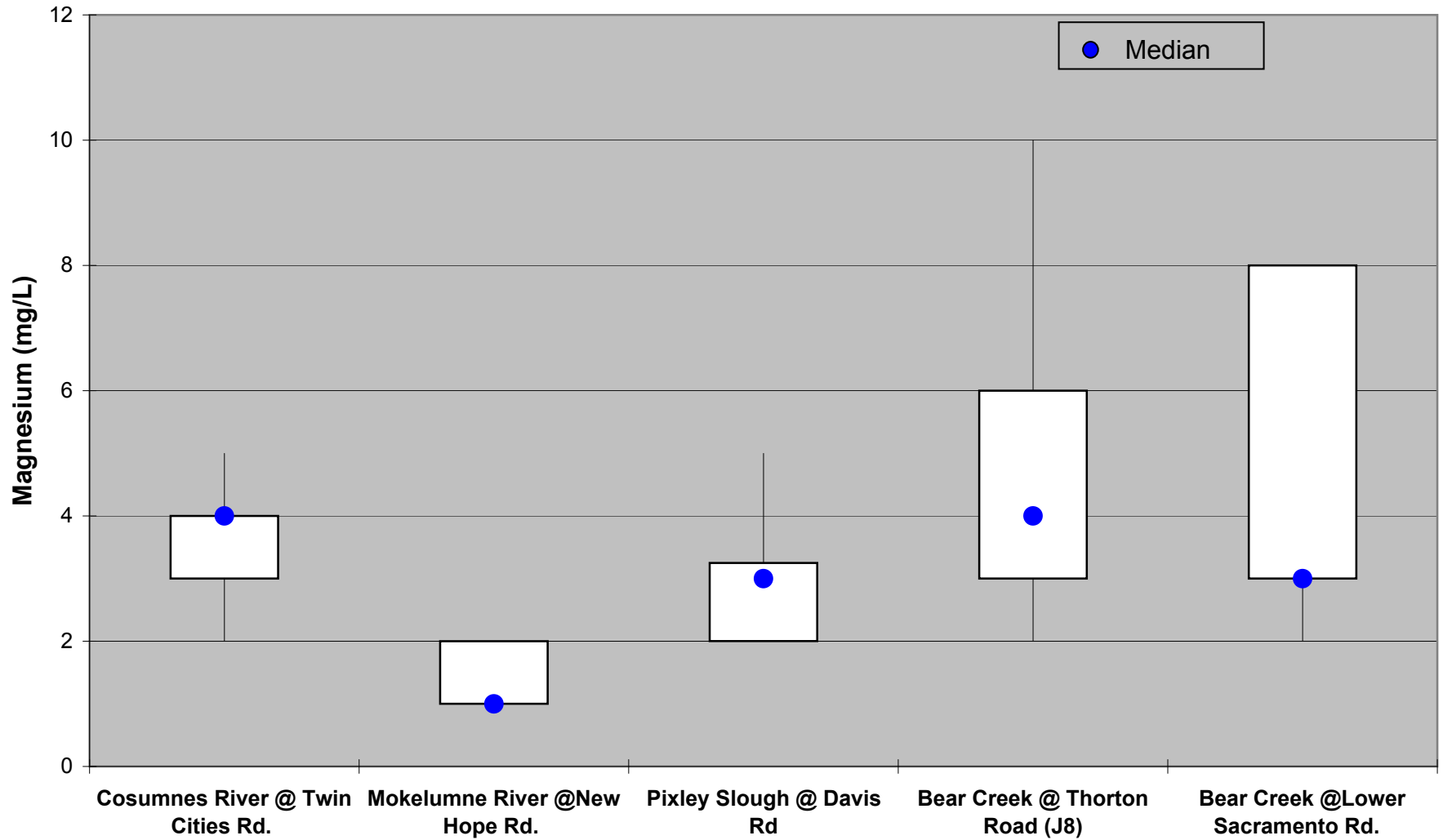
San Joaquin River Northeast Basin Calcium WY01-WY03



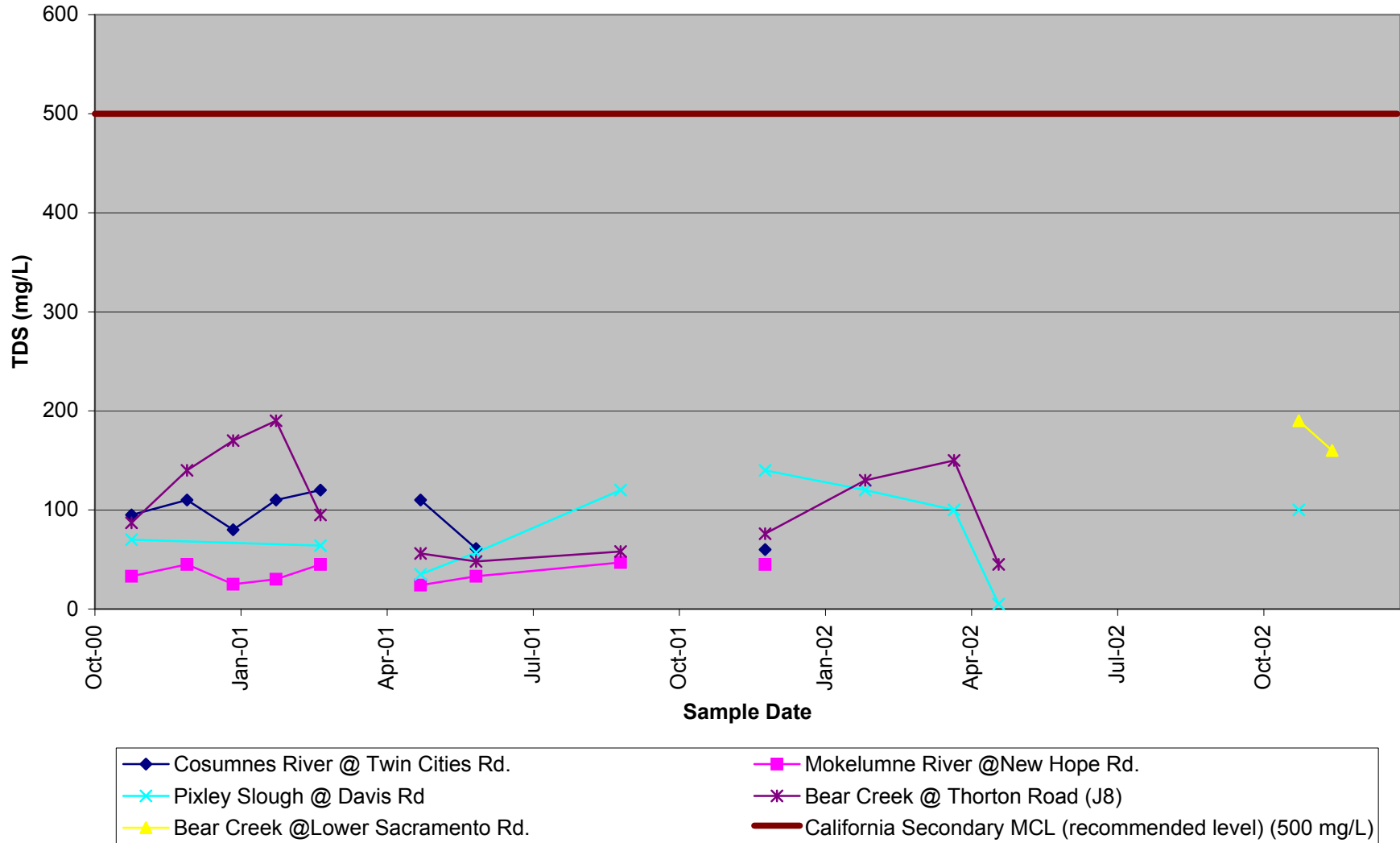
San Joaquin River Northeast Basin Magnesium WY01-WY03



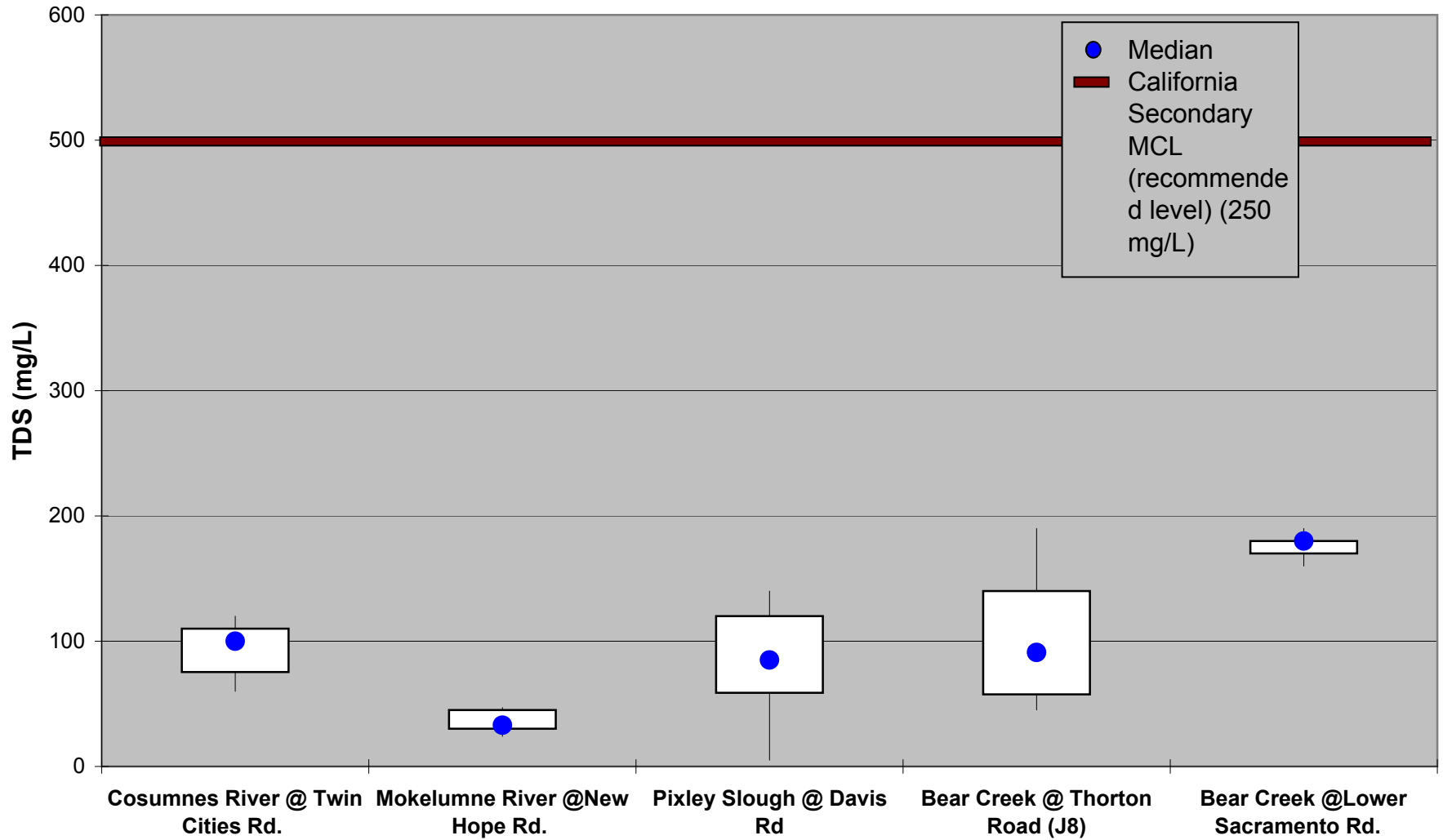
San Joaquin River Northeast Basin Magnesium WY01-WY03



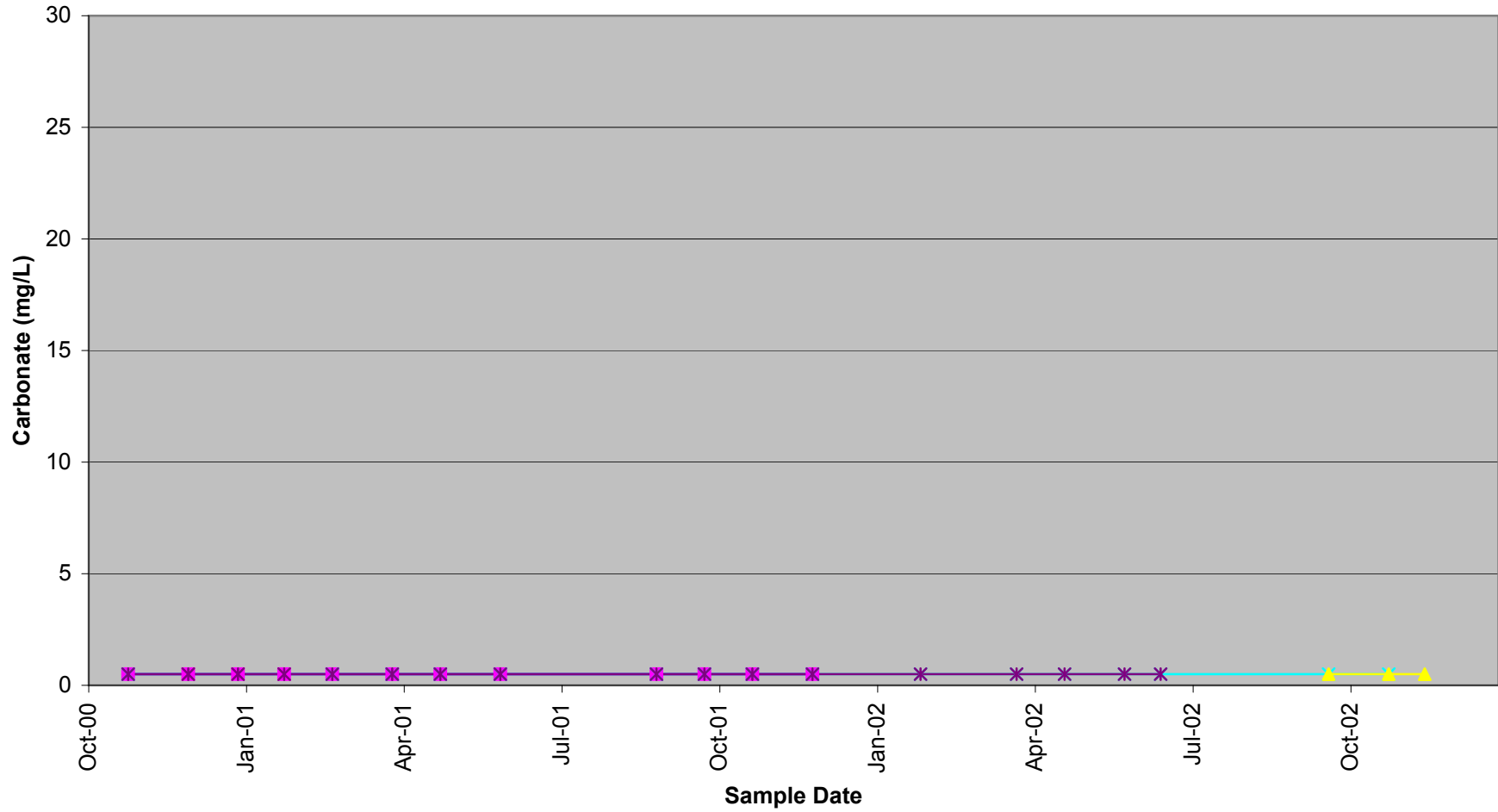
San Joaquin River Northeast Basin Total Dissolved Solids WY01-WY03



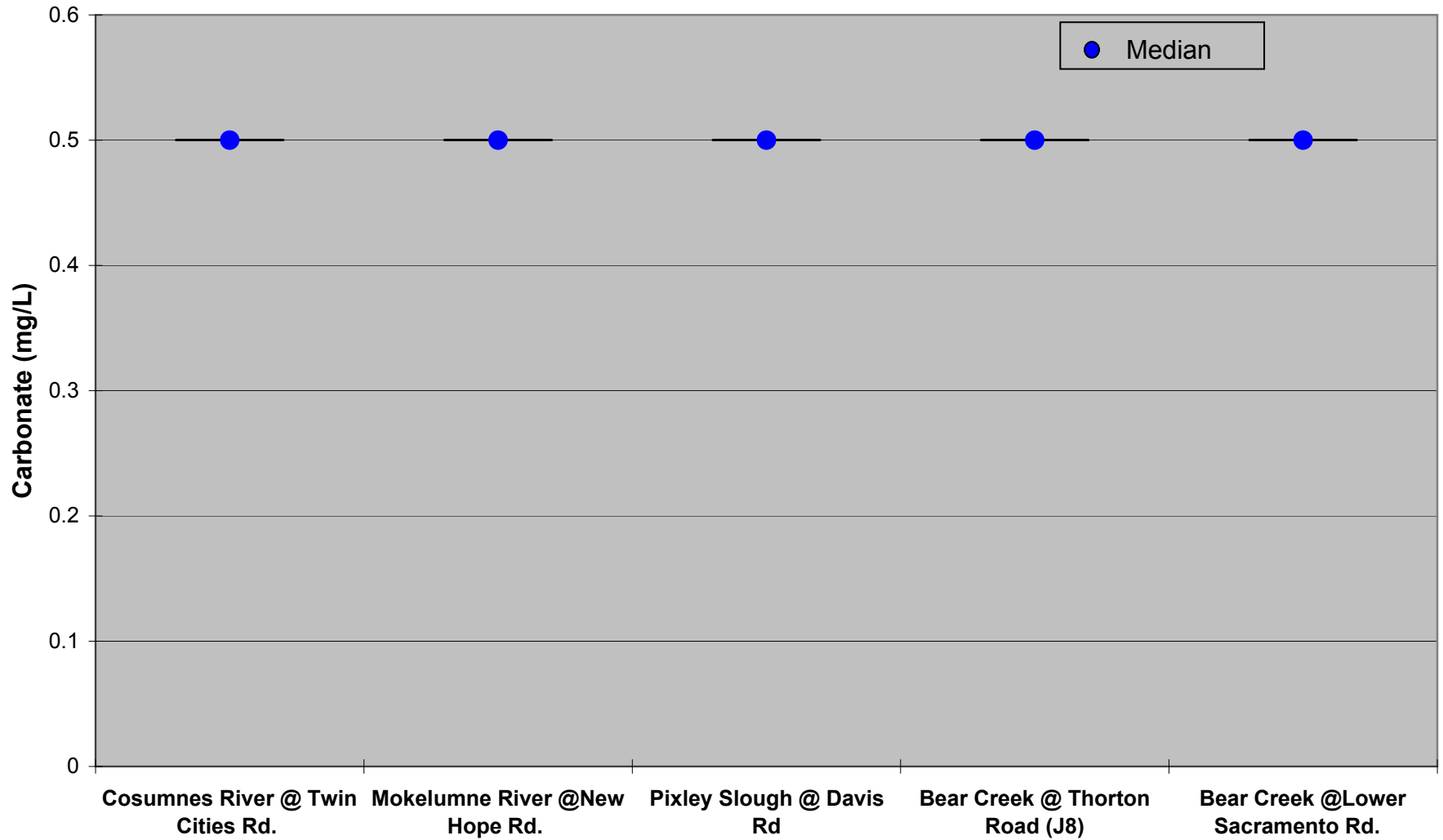
San Joaquin River Northeast Basin Total Dissolved Solids WY01-WY03



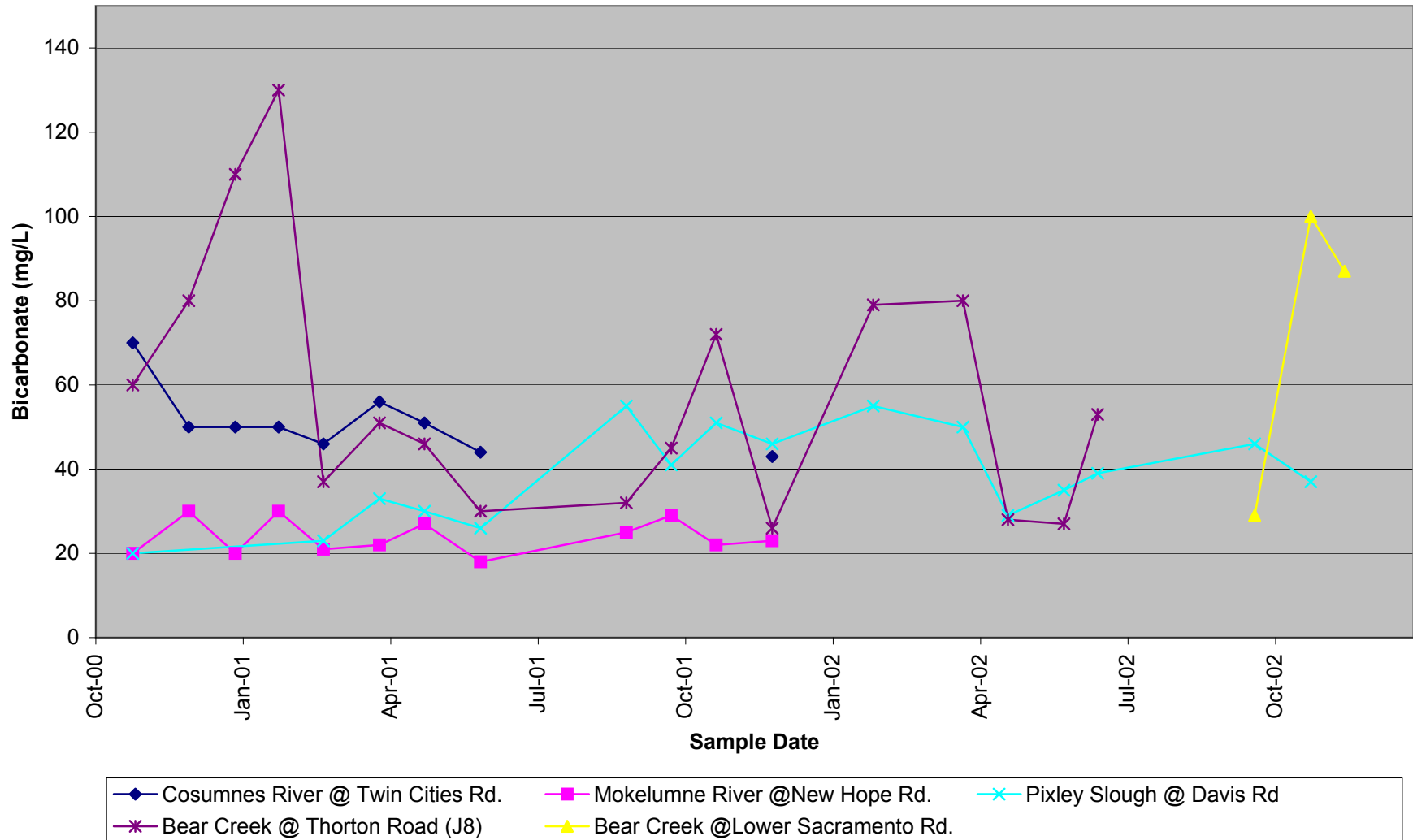
San Joaquin River Northeast Basin Carbonate WY01-WY03



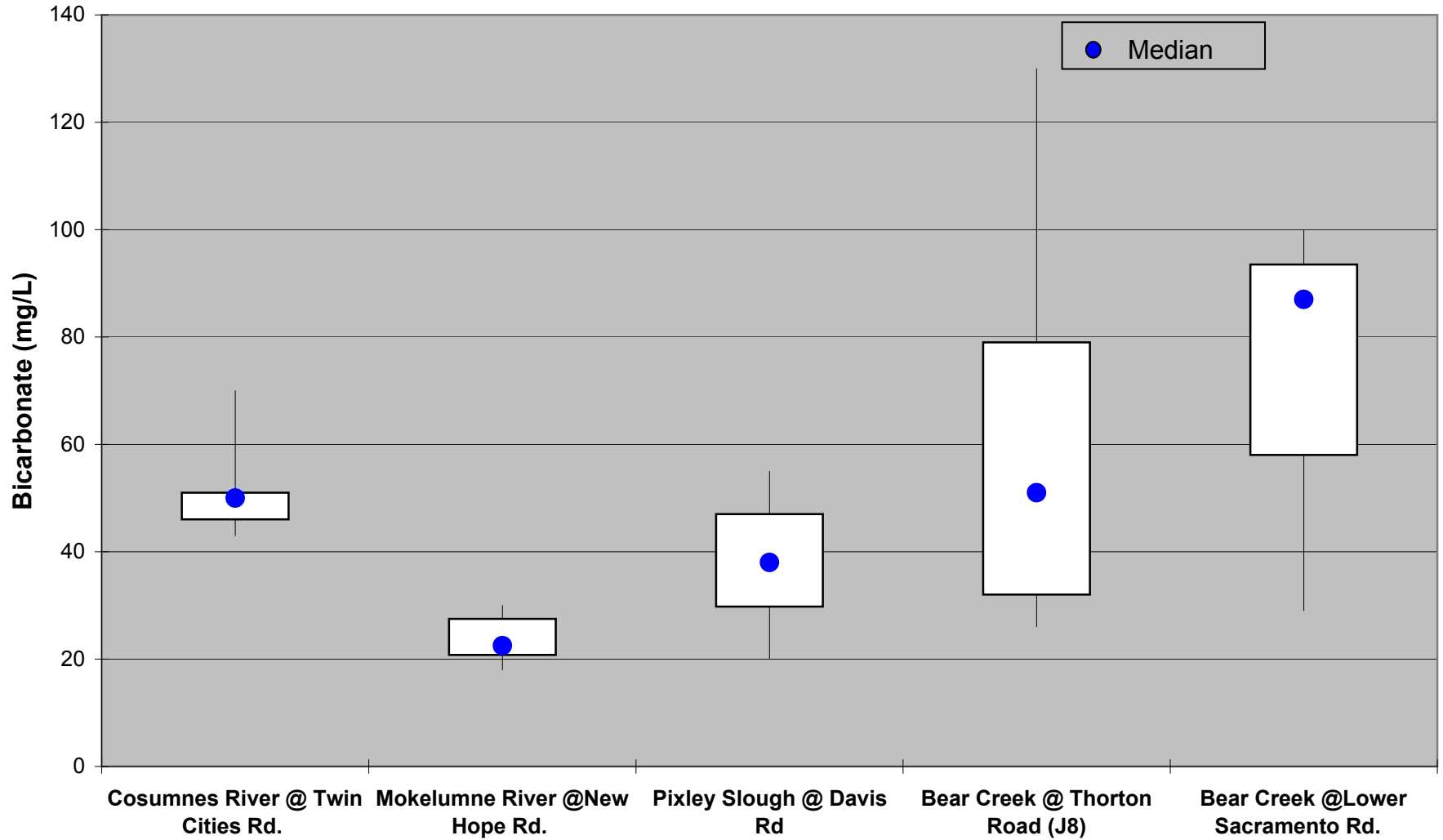
San Joaquin River Northeast Basin Carbonate WY01-WY03



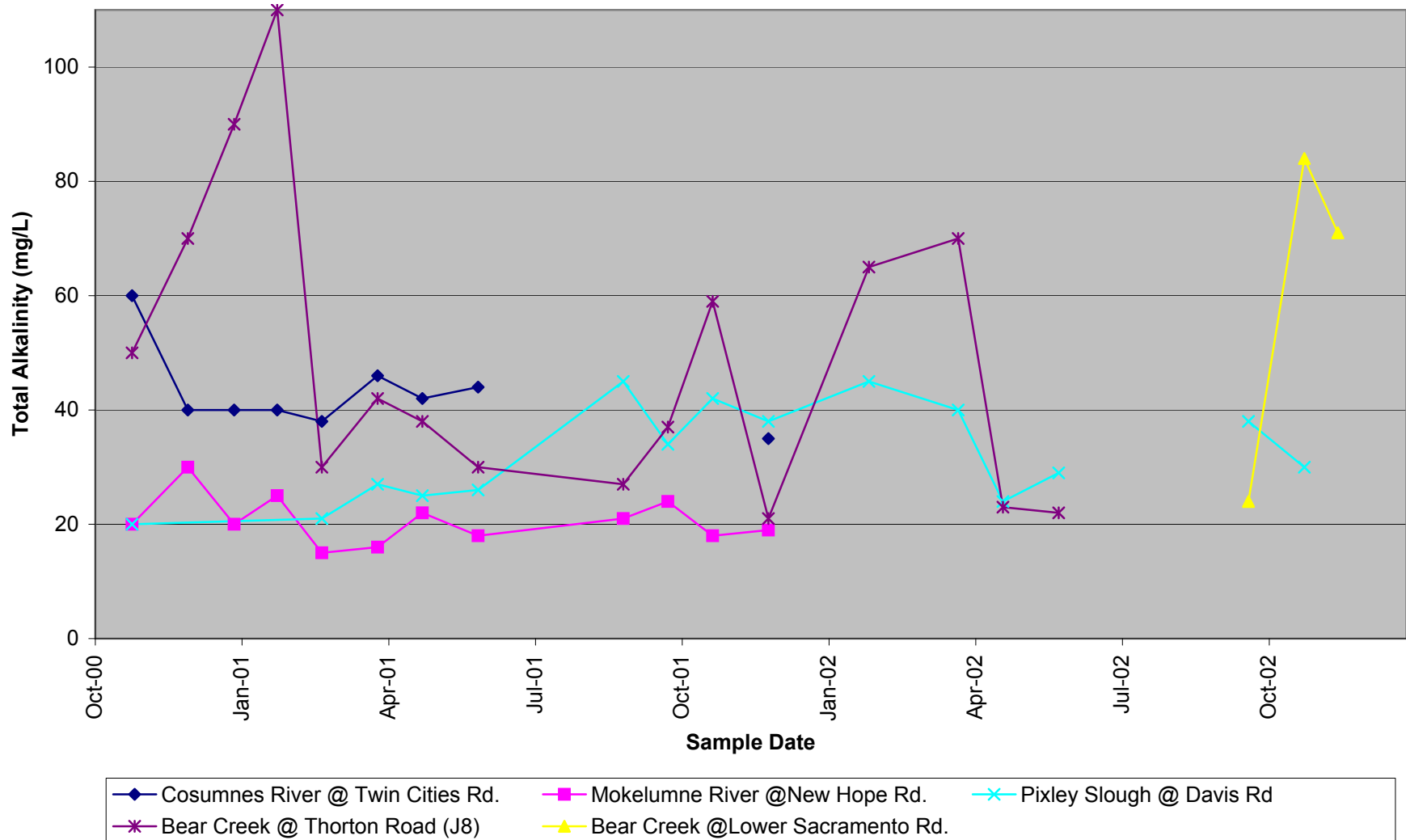
San Joaquin River Northesat Basin Bicarbonate WY01-WY03



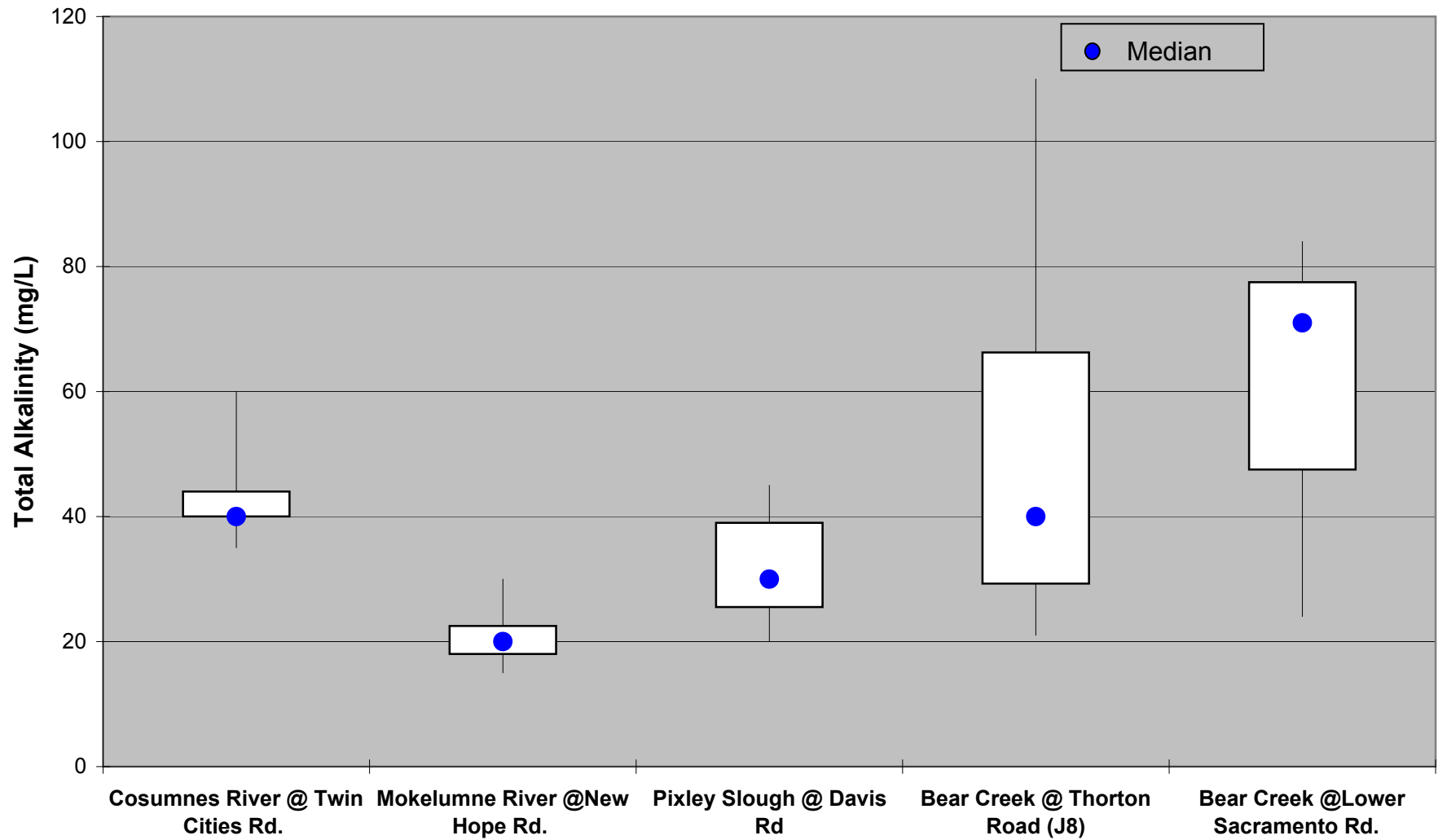
San Joaquin River Northeast Basin Bicarbonate WY01-WY03



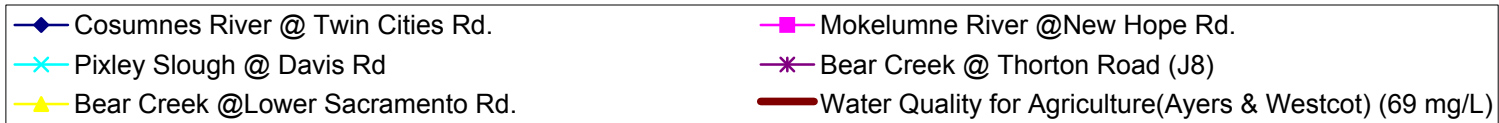
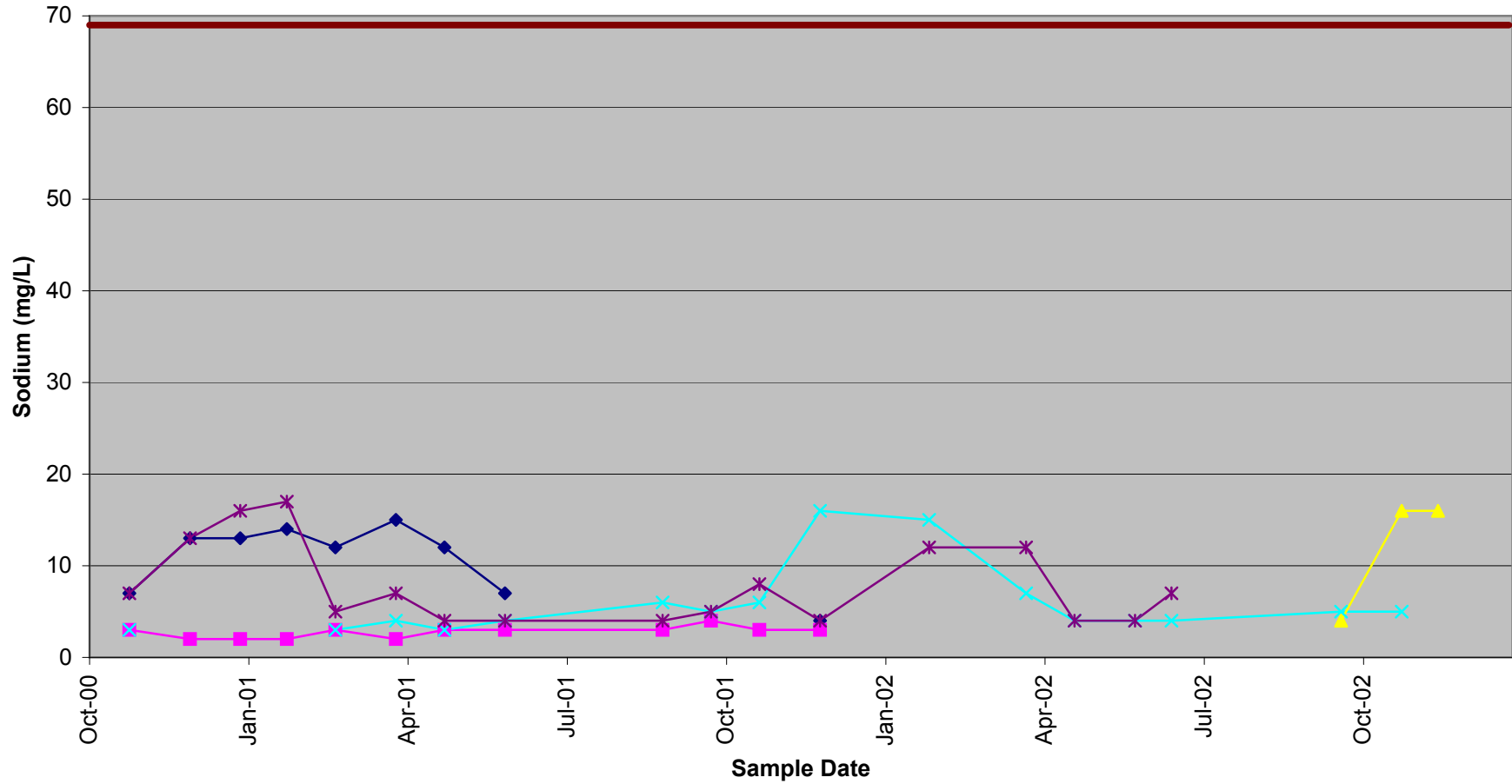
San Joaquin River Northeast Basin Total Alkalinity WY01-WY03



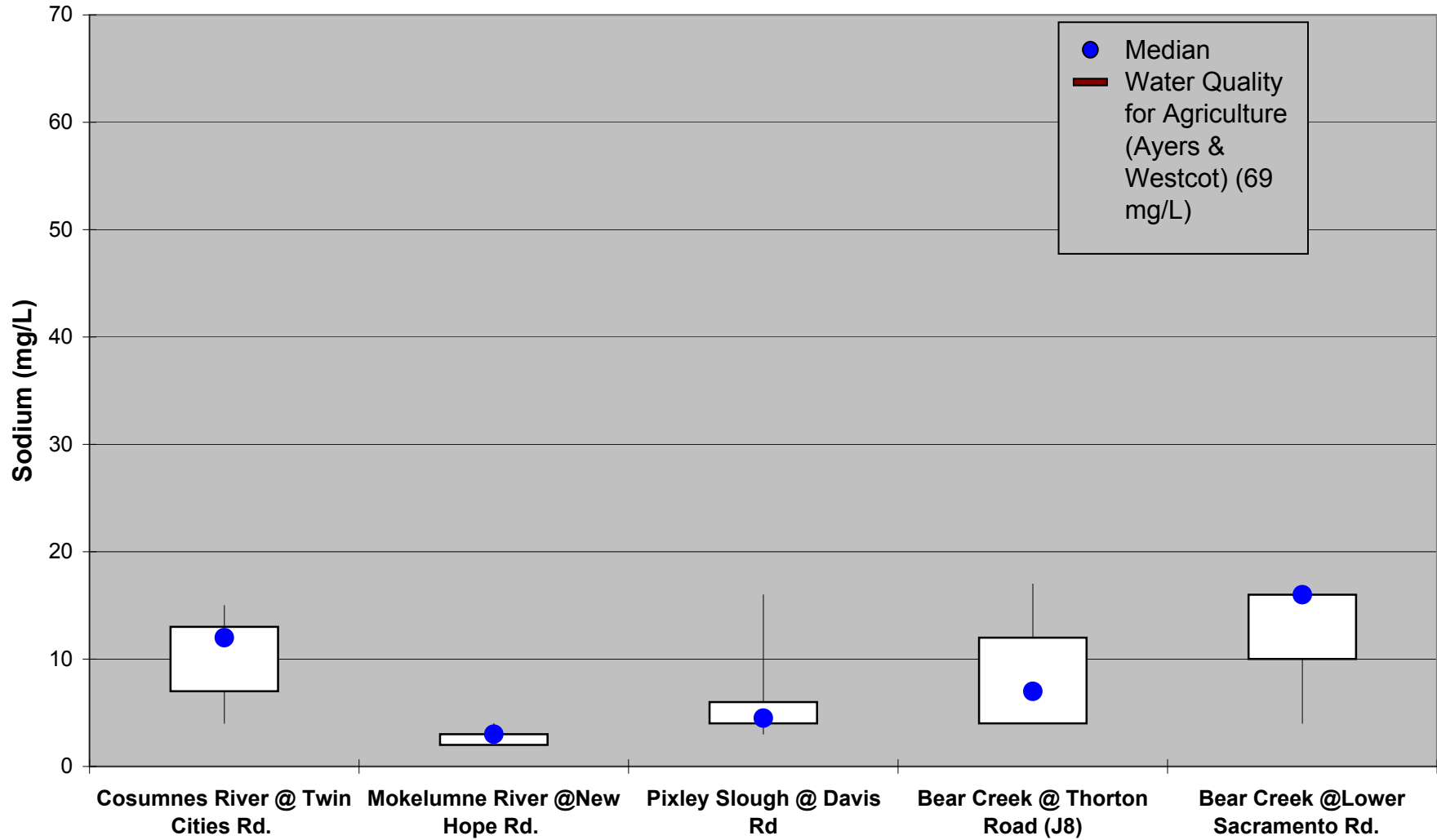
San Joaquin River Northeast Basin Total Alkalinity WY01-WY03



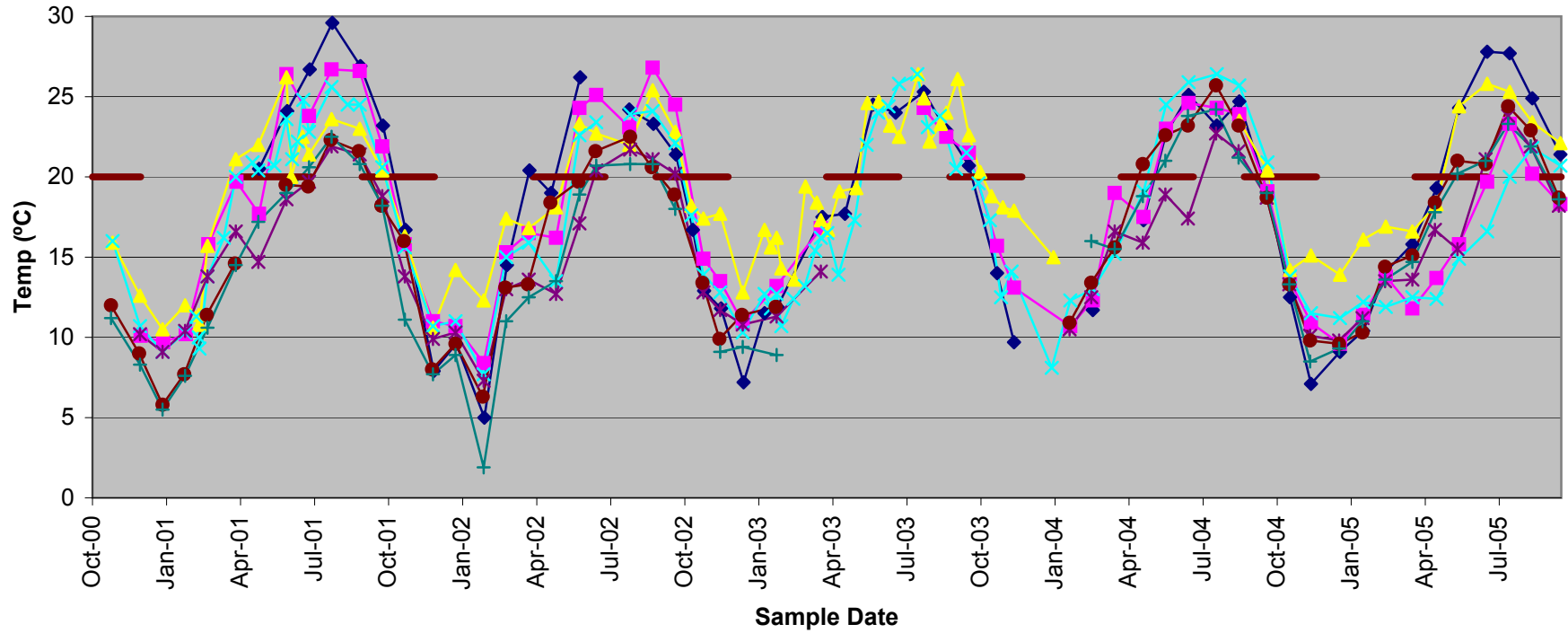
San Joaquin River Northeast Basin Sodium WY01-WY03



San Joaquin River Northeast Basin Sodium WY01-WY03

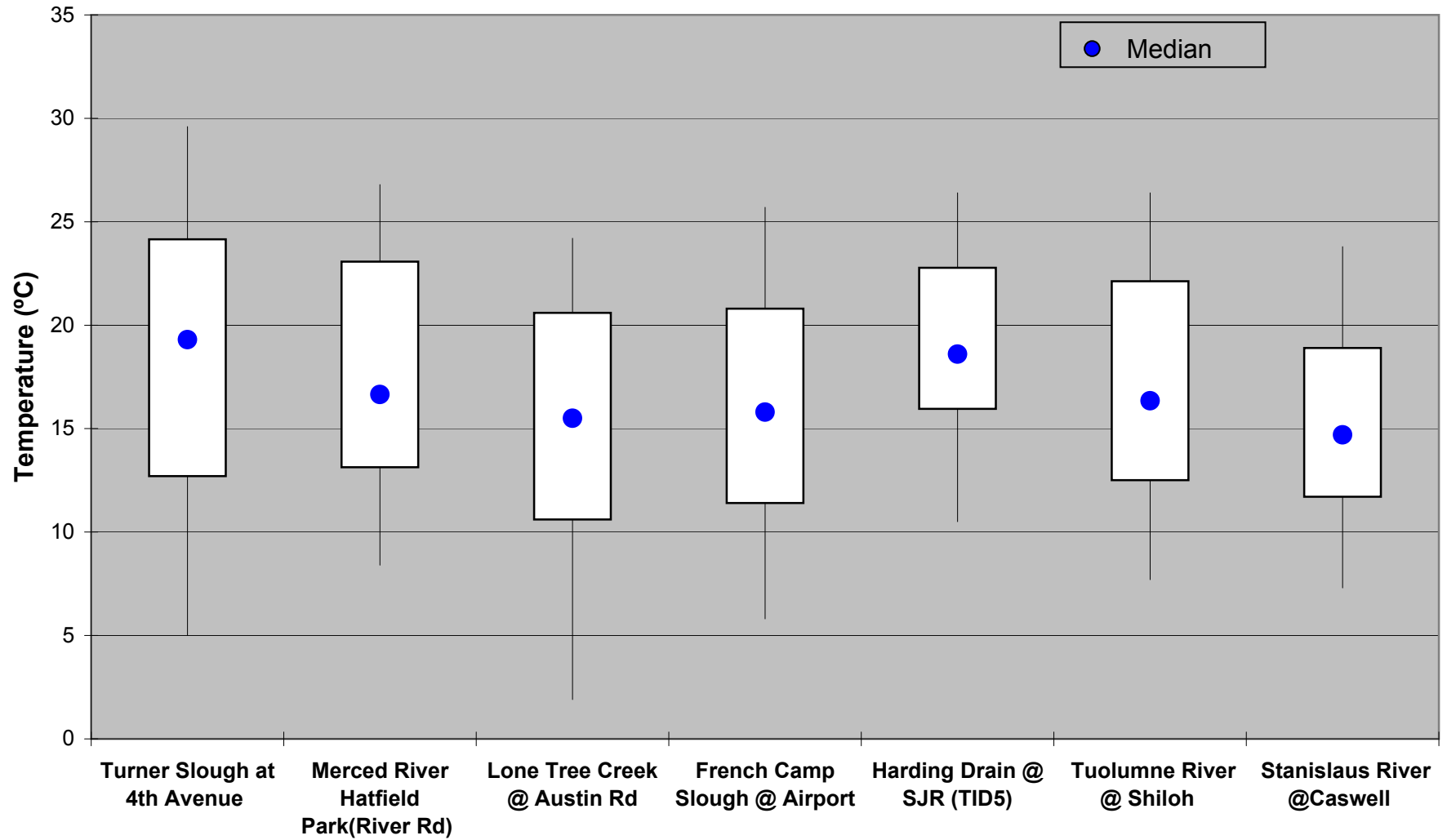


San Joaquin River East Side Basin Temperature WY01-WY05

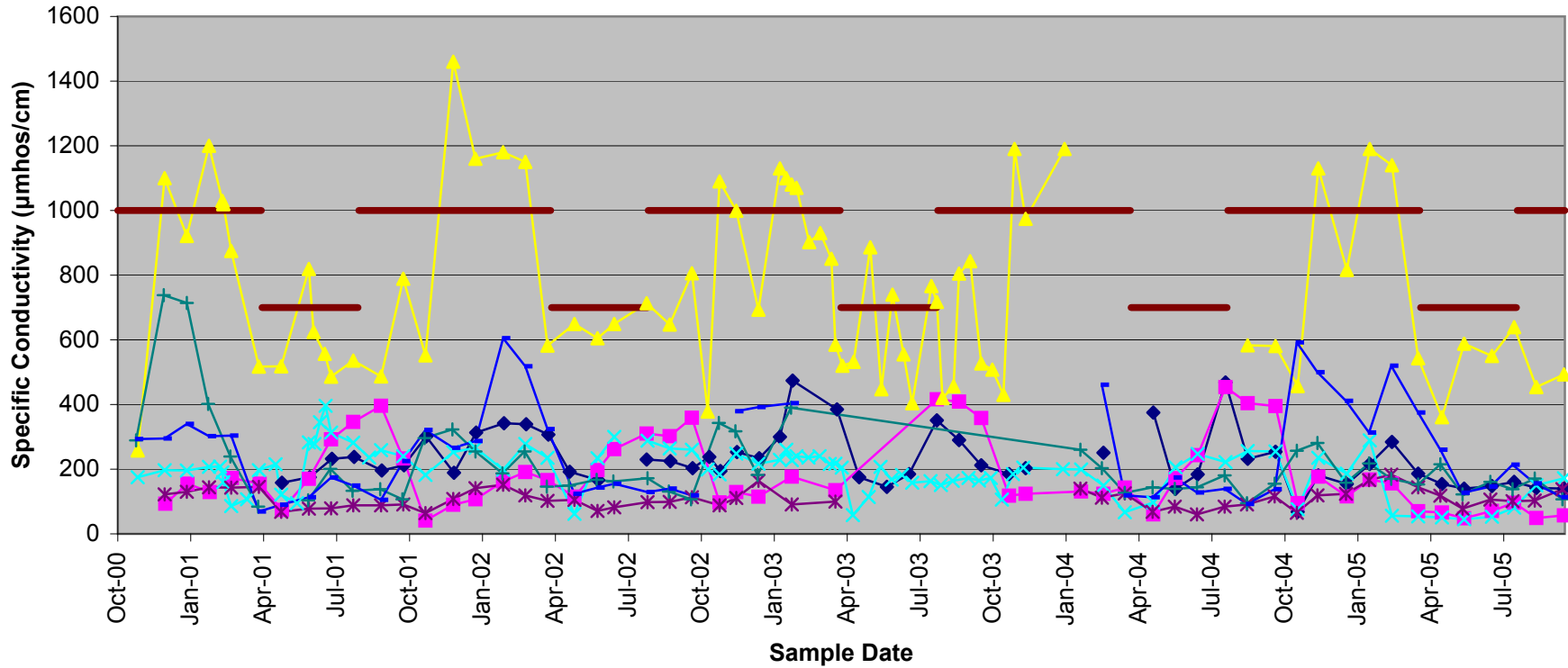


- ◆ Turner Slough at 4th Avenue
- Merced River Hatfield Park (River Road)
- ▲ Harding Drain discharge @ San Joaquin River (TID5)
- ✧ Tuolumne River @ Shiloh
- ✱ Stanislaus River @ Caswell
- French Camp Slough @ Airport
- ⊕ Lone Tree Creek @ Austin Rd
- Bay-Delta Authority Target, SJR @ Vernalis (Apr 1-Jun 30 & Sept 1- Nov 30, 20°C)

San Joaquin River Eastside Basin Temperature WY01- WY05

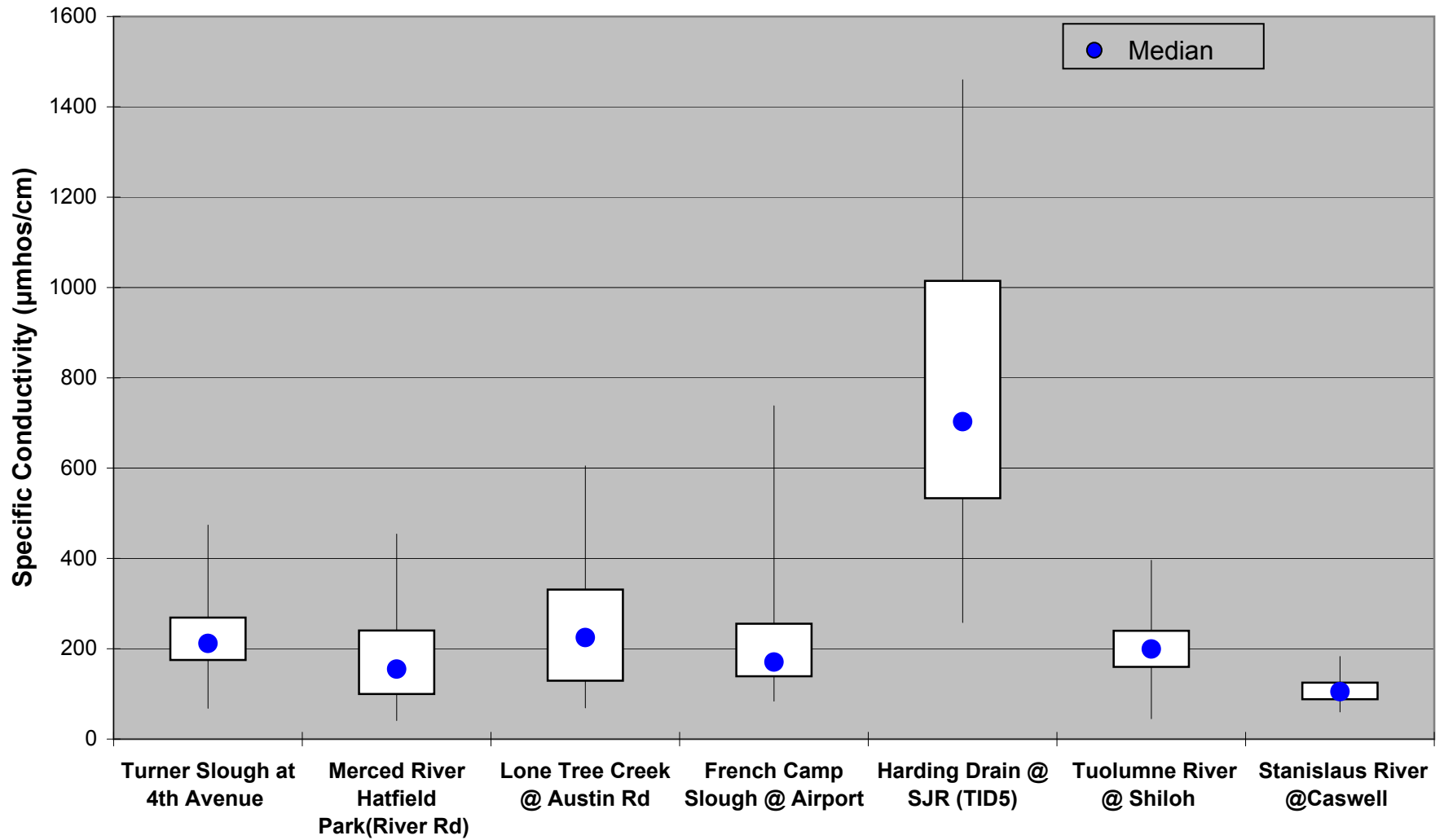


San Joaquin River East Side Basin Specific Conductivity WY01-WY05

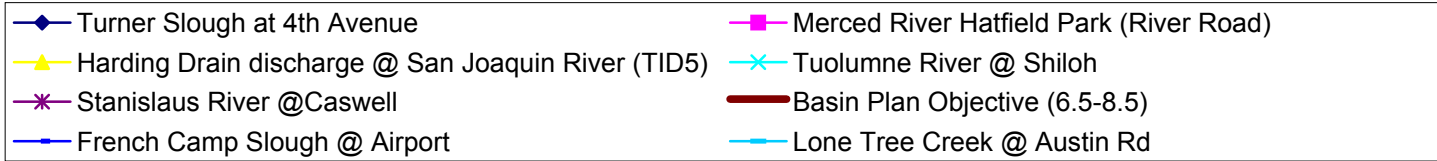
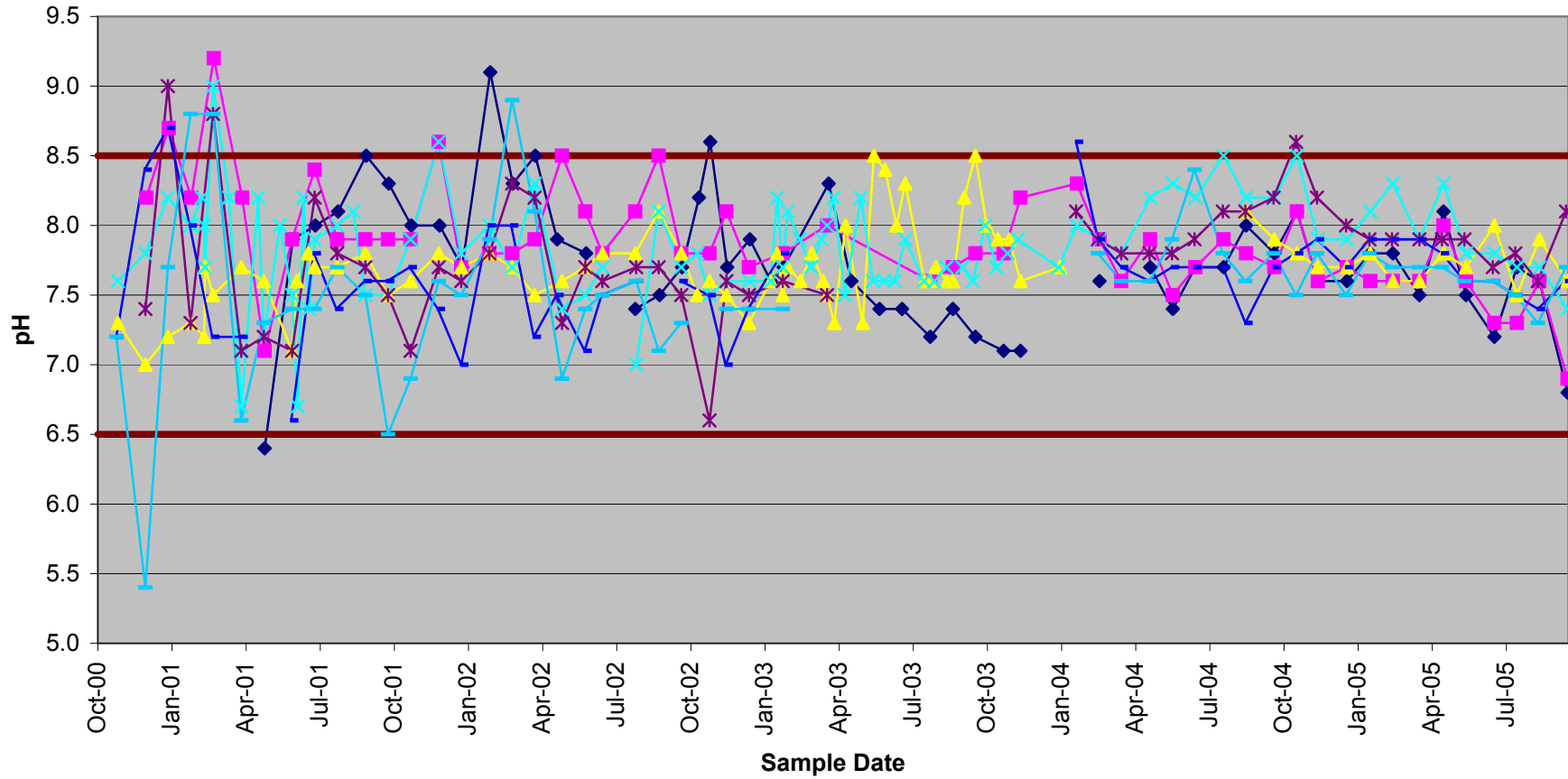


- ◆ Turner Slough at 4th Avenue
- Merced River Hatfield Park (River Road)
- ▲ Harding Drain discharge @ San Joaquin River (TID5)
- ✧ Tuolumne River @ Shiloh
- ✱ Stanislaus River @ Caswell
- Basin Plan Objective (Apr 1-Aug 31, 700 µmhos/cm; Sep 1-Mar 31, 1000 µmhos/cm)
- + French Camp Slough @ Airport
- ◆ Lone Tree Creek @ Austin Rd

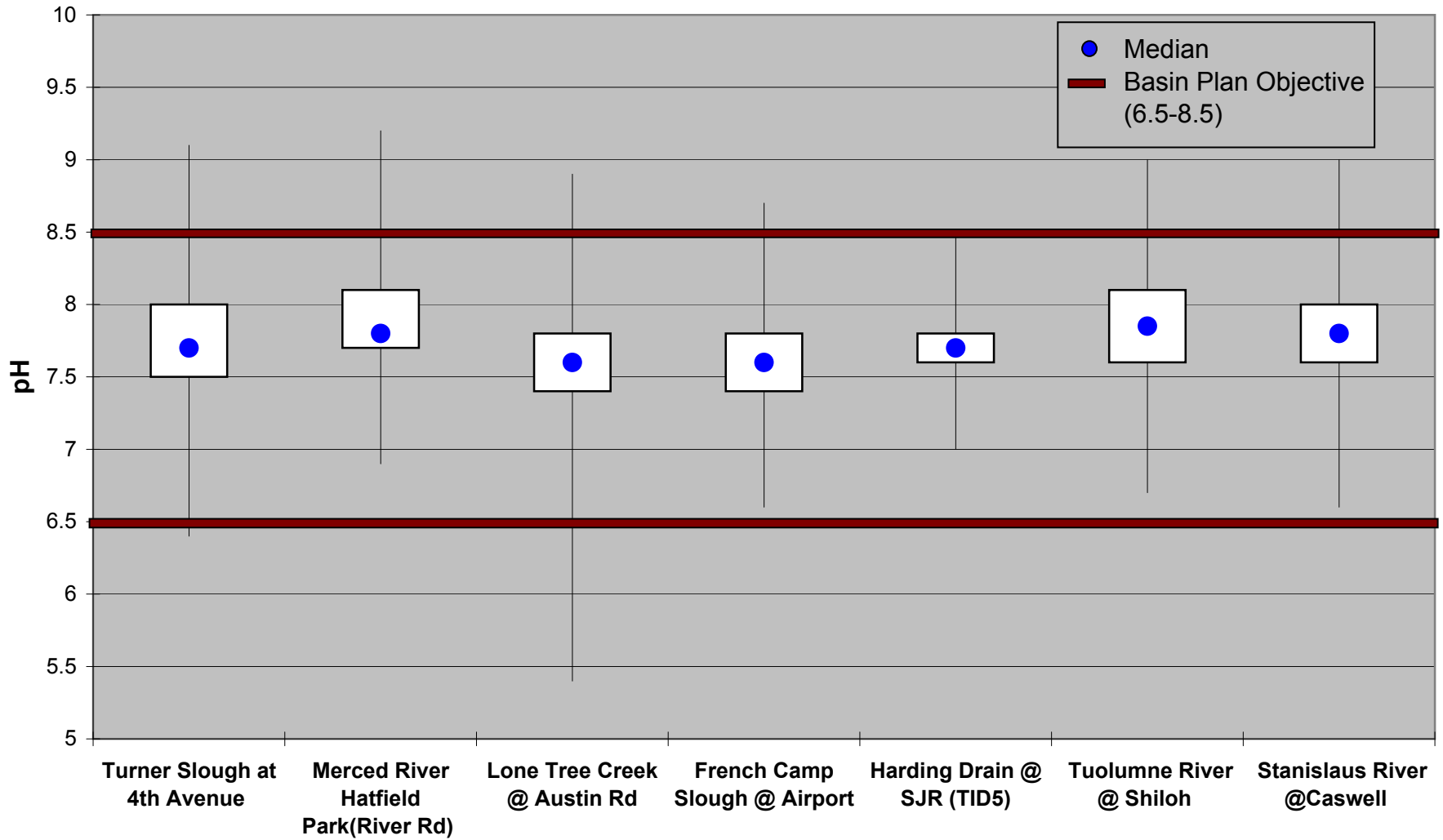
San Joaquin River Eastside Basin Specific Conductivity WY01- WY05



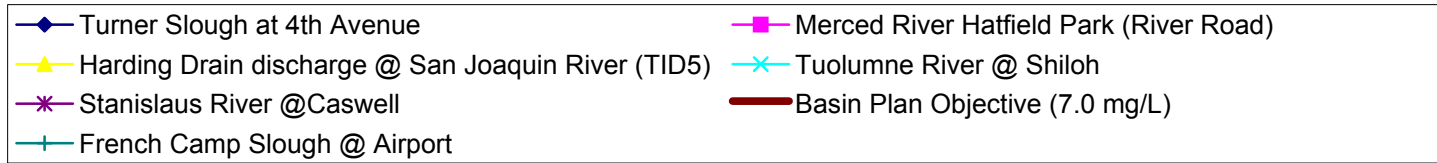
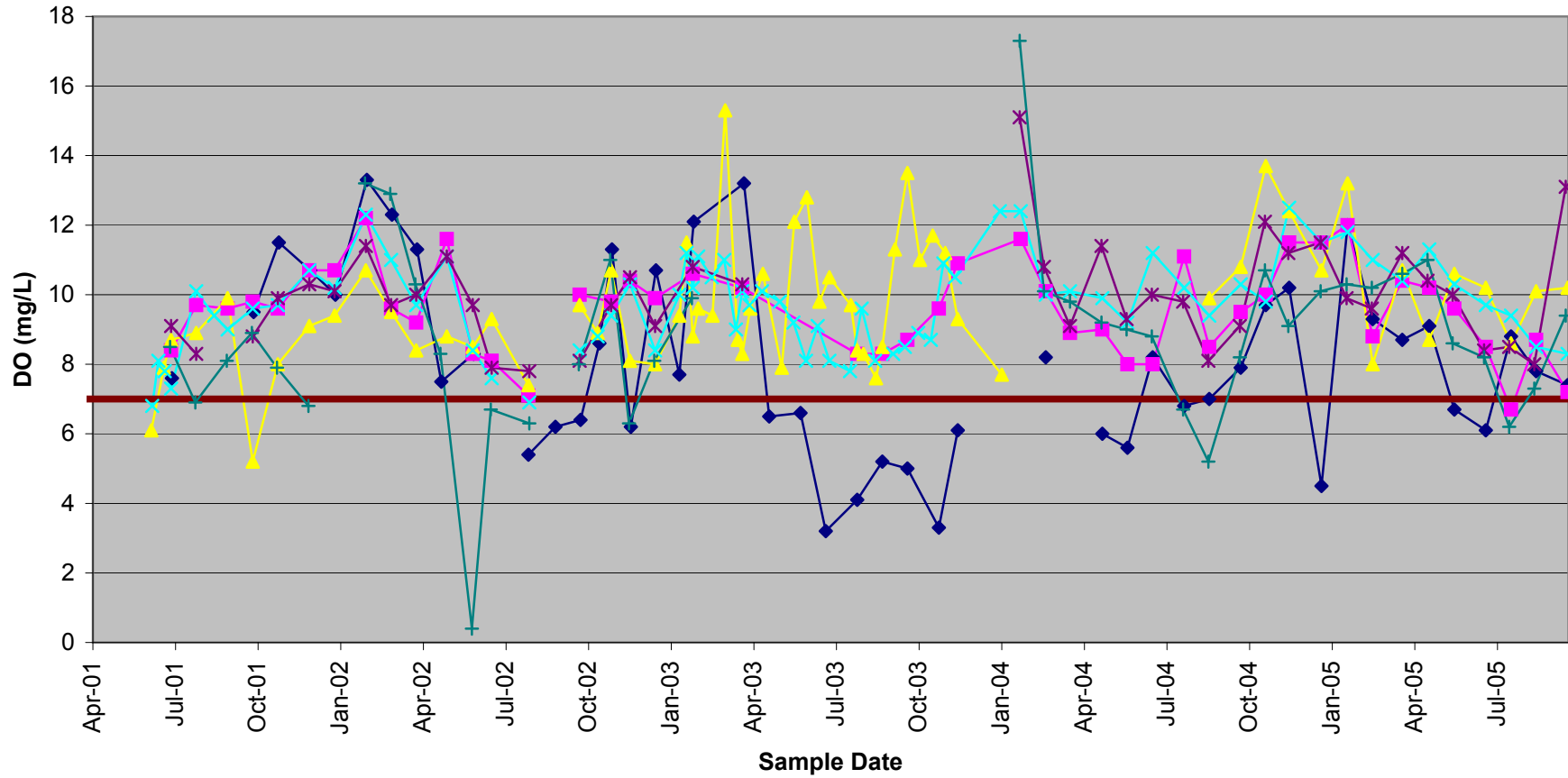
San Joaquin River East Side Basin pH WY01-WY05



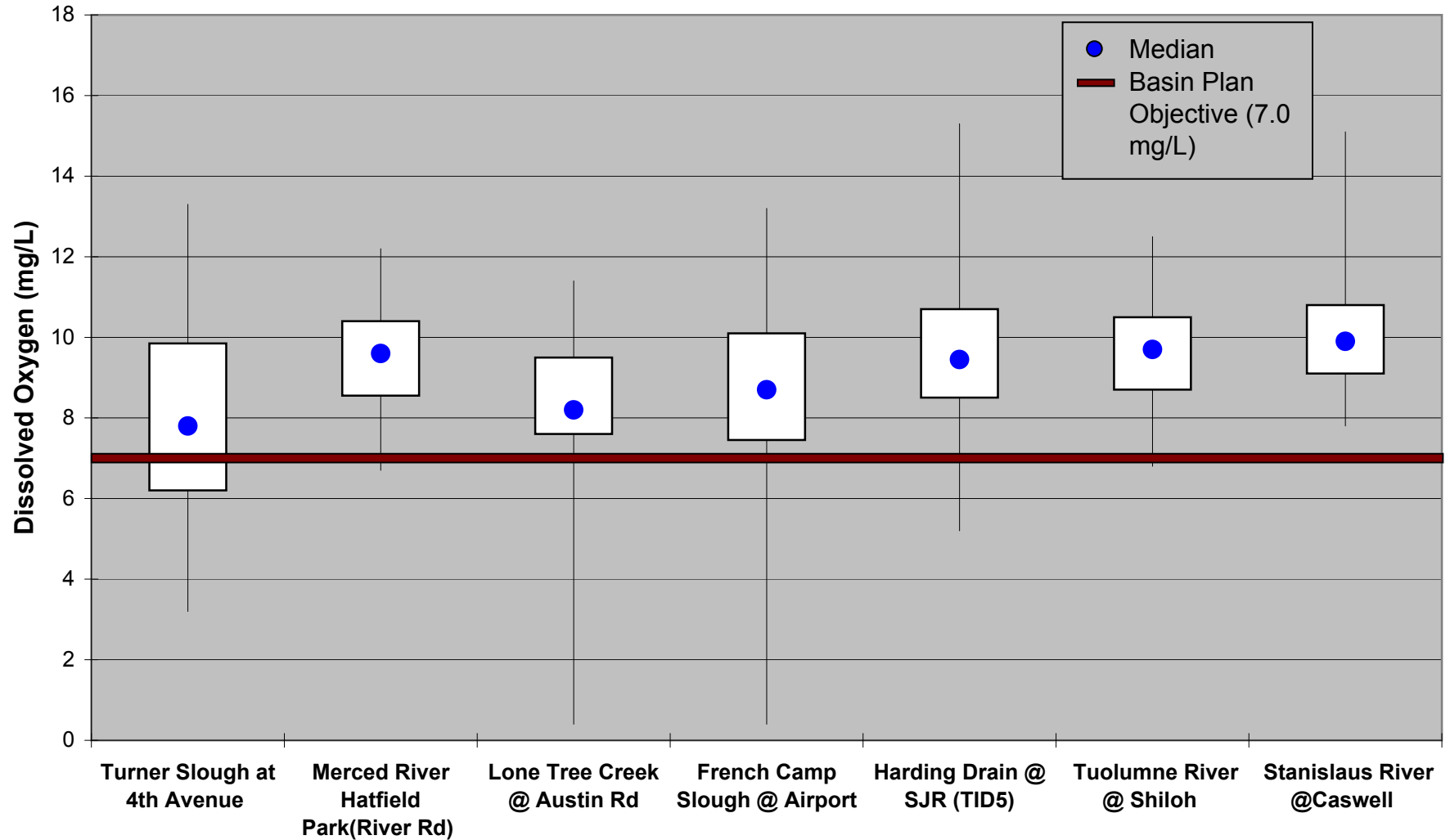
San Joaquin River Eastside Basin pH WY01- WY05



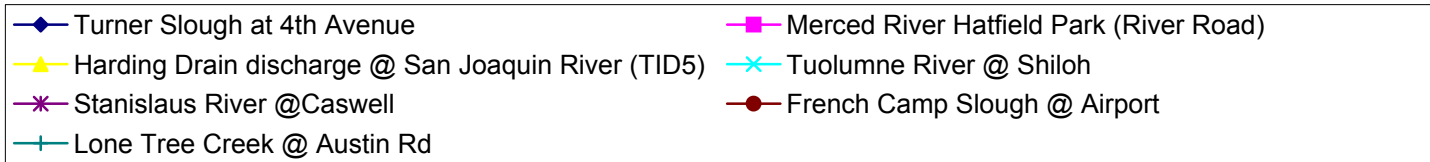
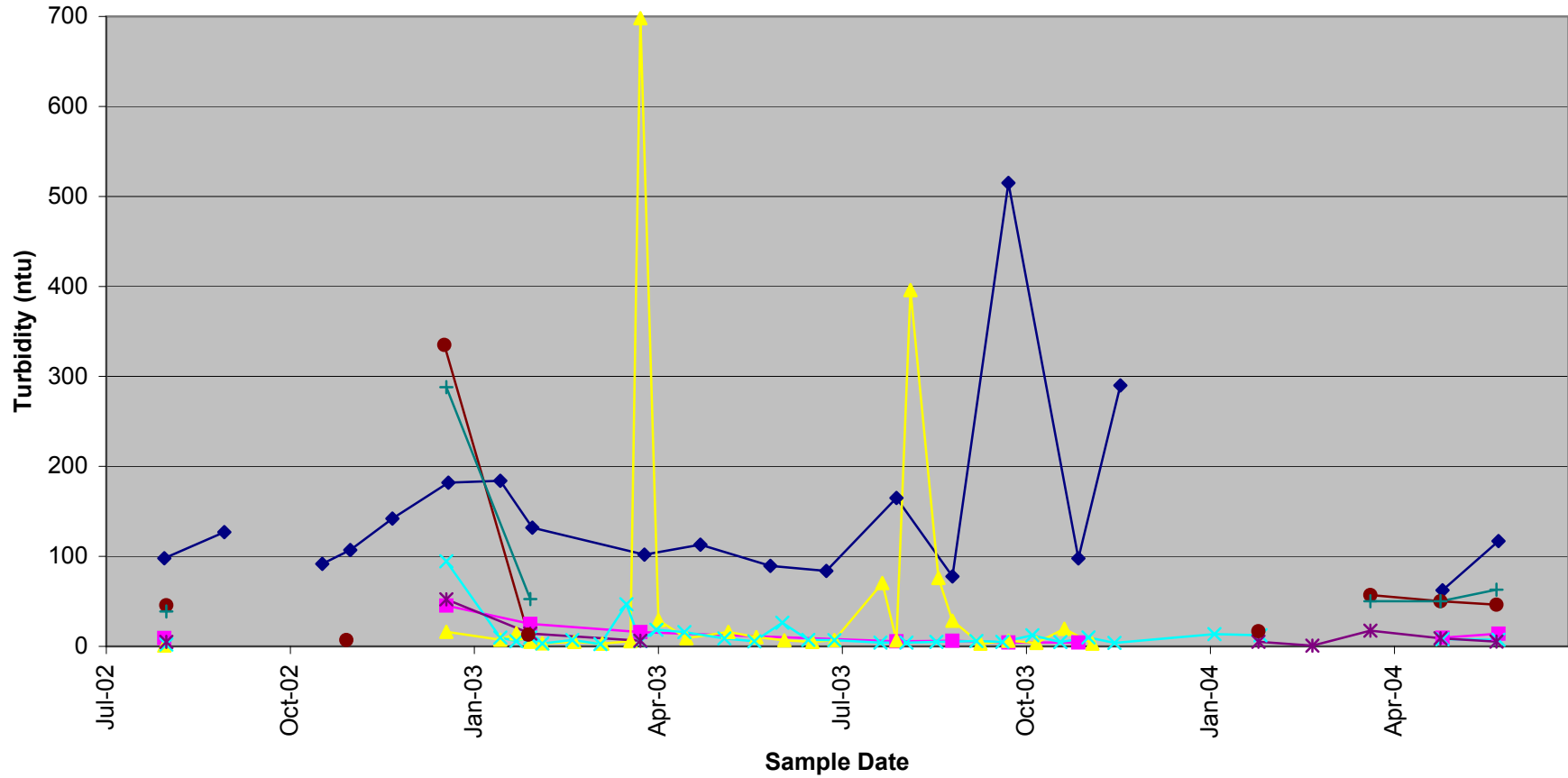
San Joaquin River East Side Basin Dissolved Oxygen WY01-WY05



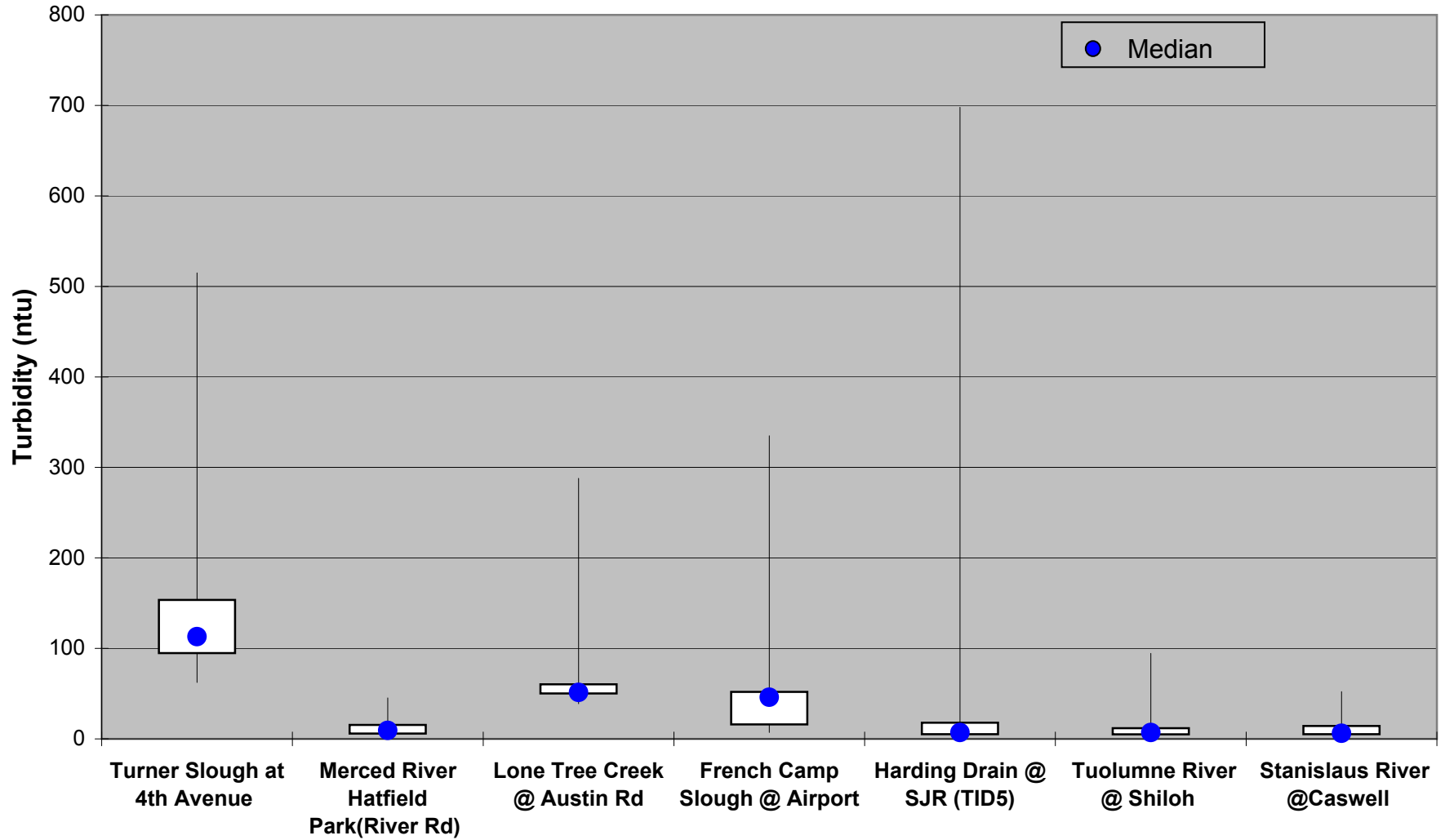
San Joaquin River Eastside Basin Dissolved Oxygen WY01- WY05



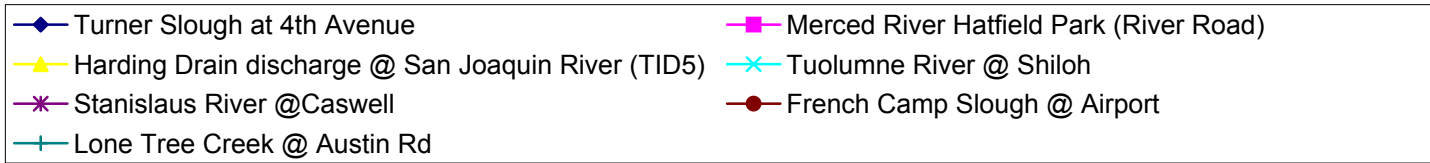
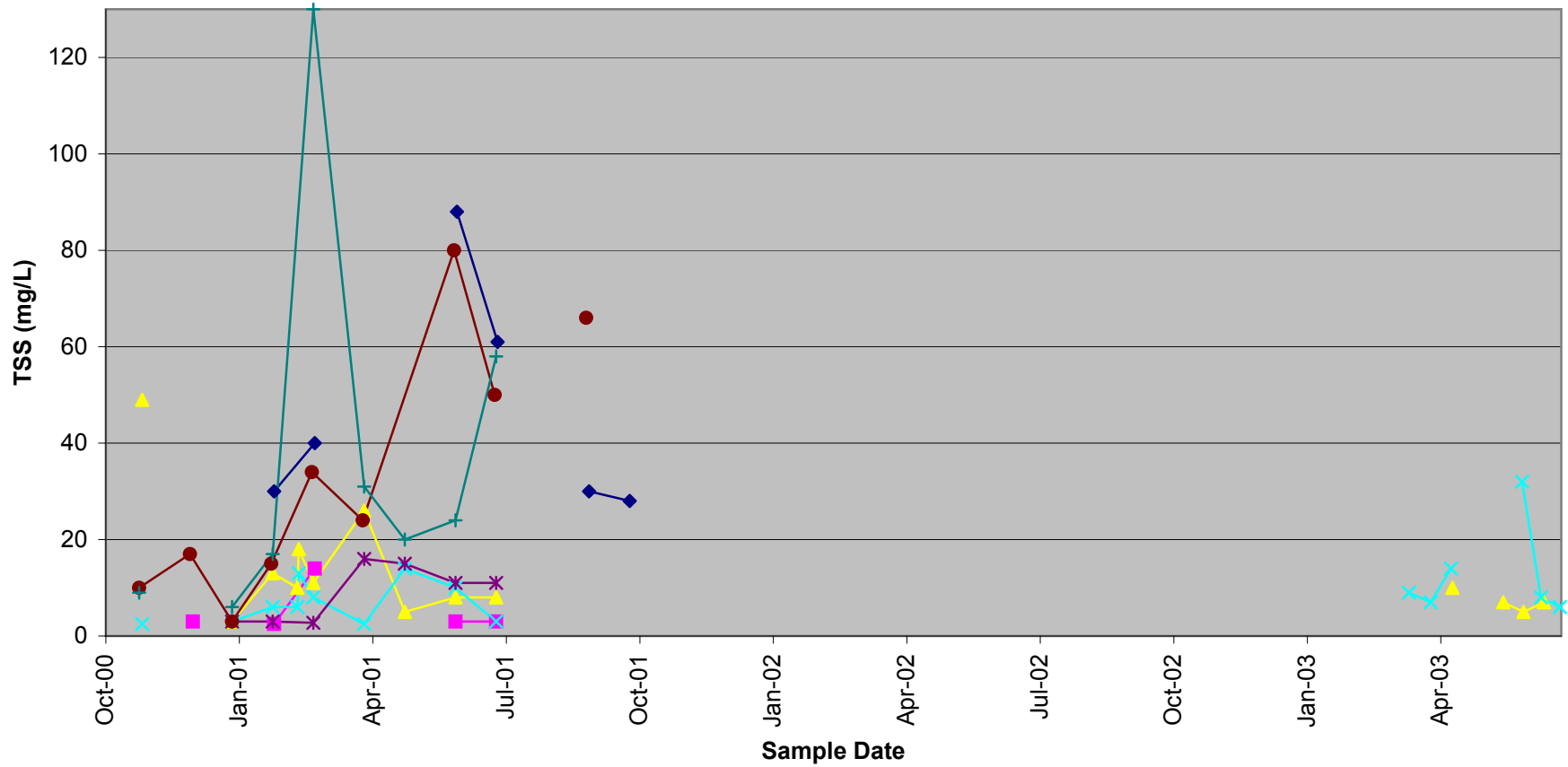
San Joaquin River East Side Basin Turbidity WY02-WY04



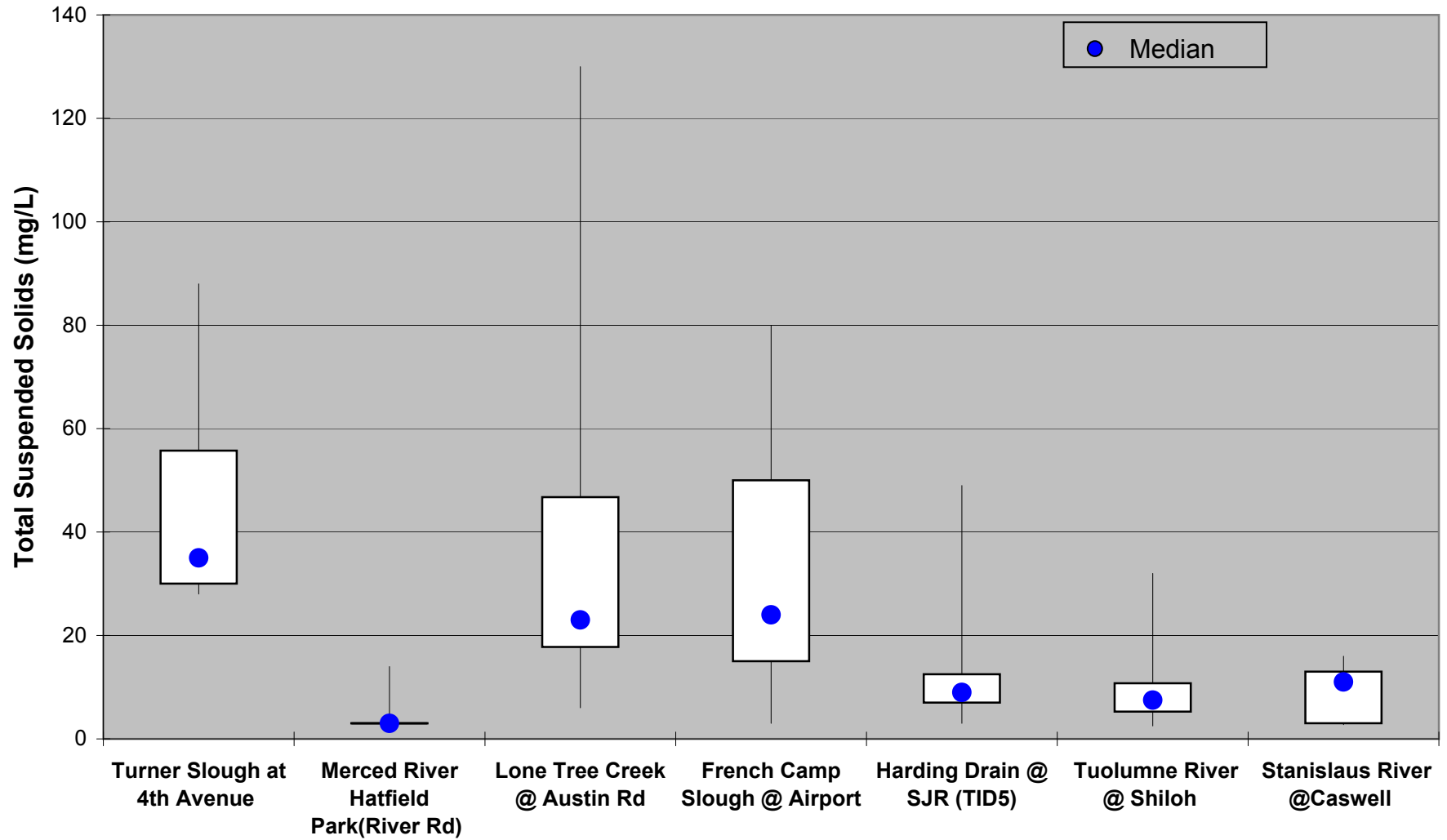
San Joaquin River Eastside Basin Turbidity WY02- WY04



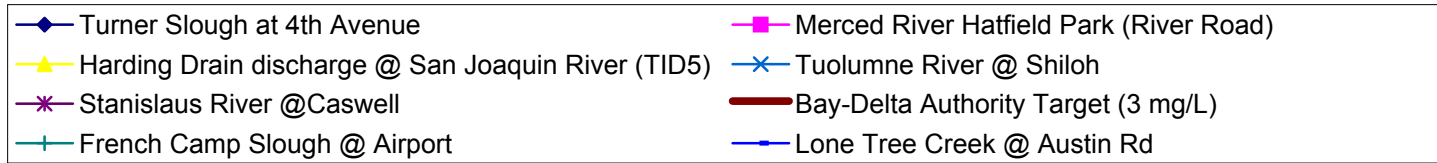
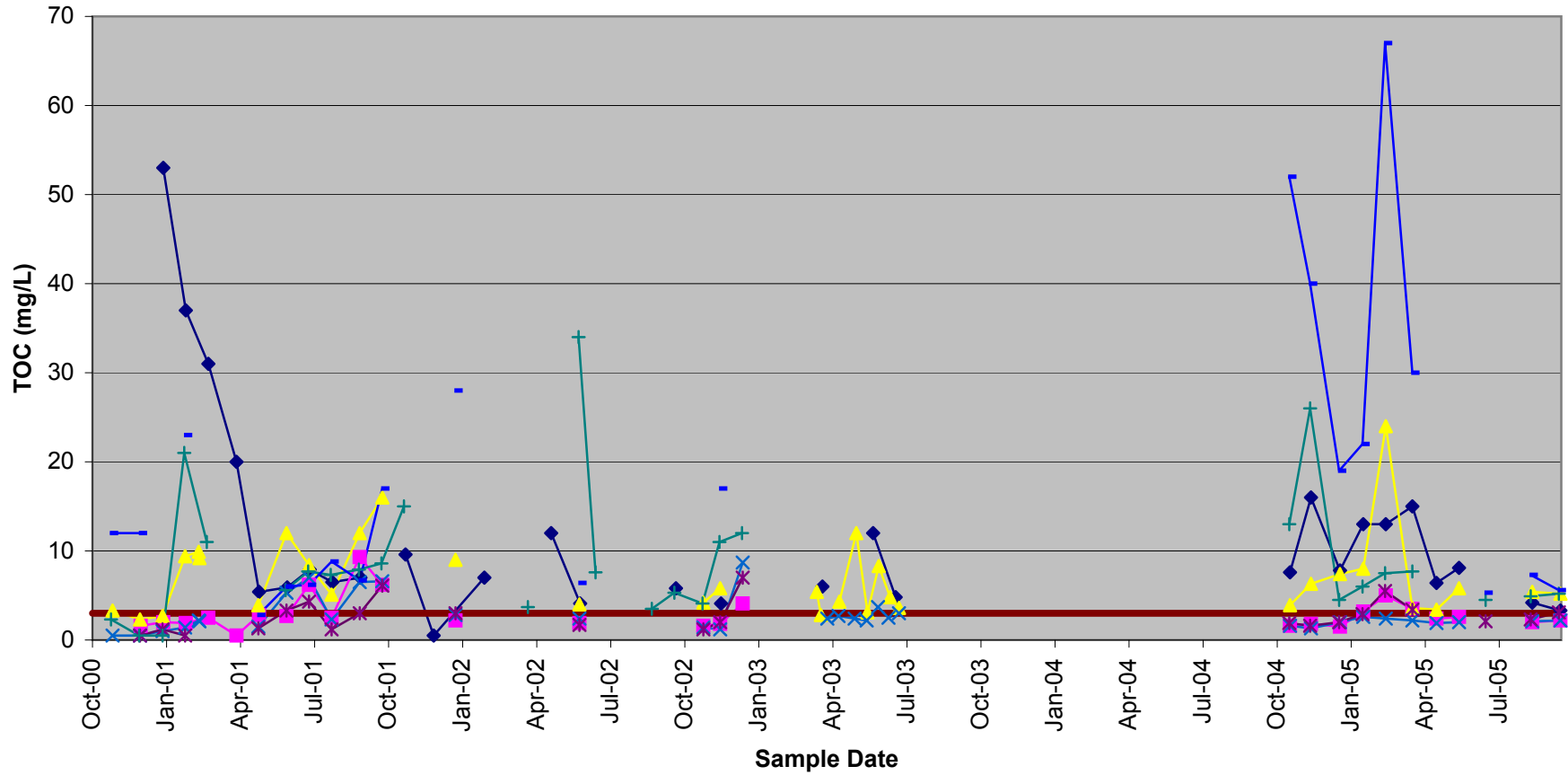
San Joaquin River East Side Basin Total Suspended Solids WY01-WY03



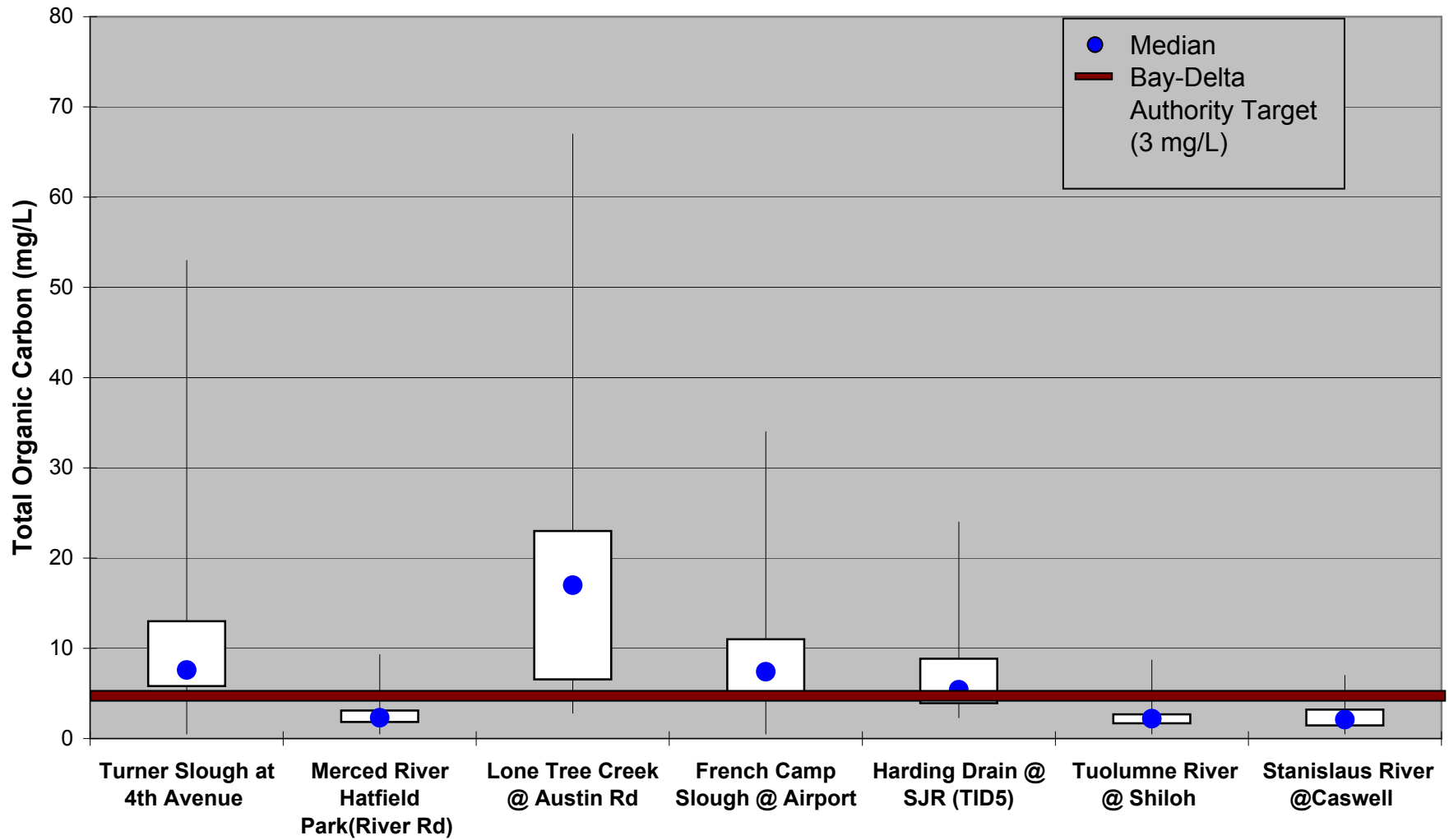
San Joaquin River Eastside Basin Total Suspended Solids WY01- WY05



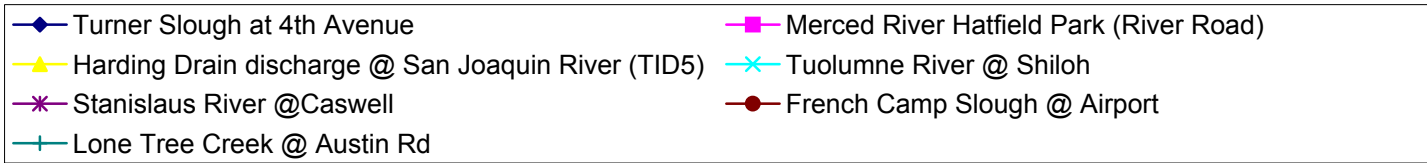
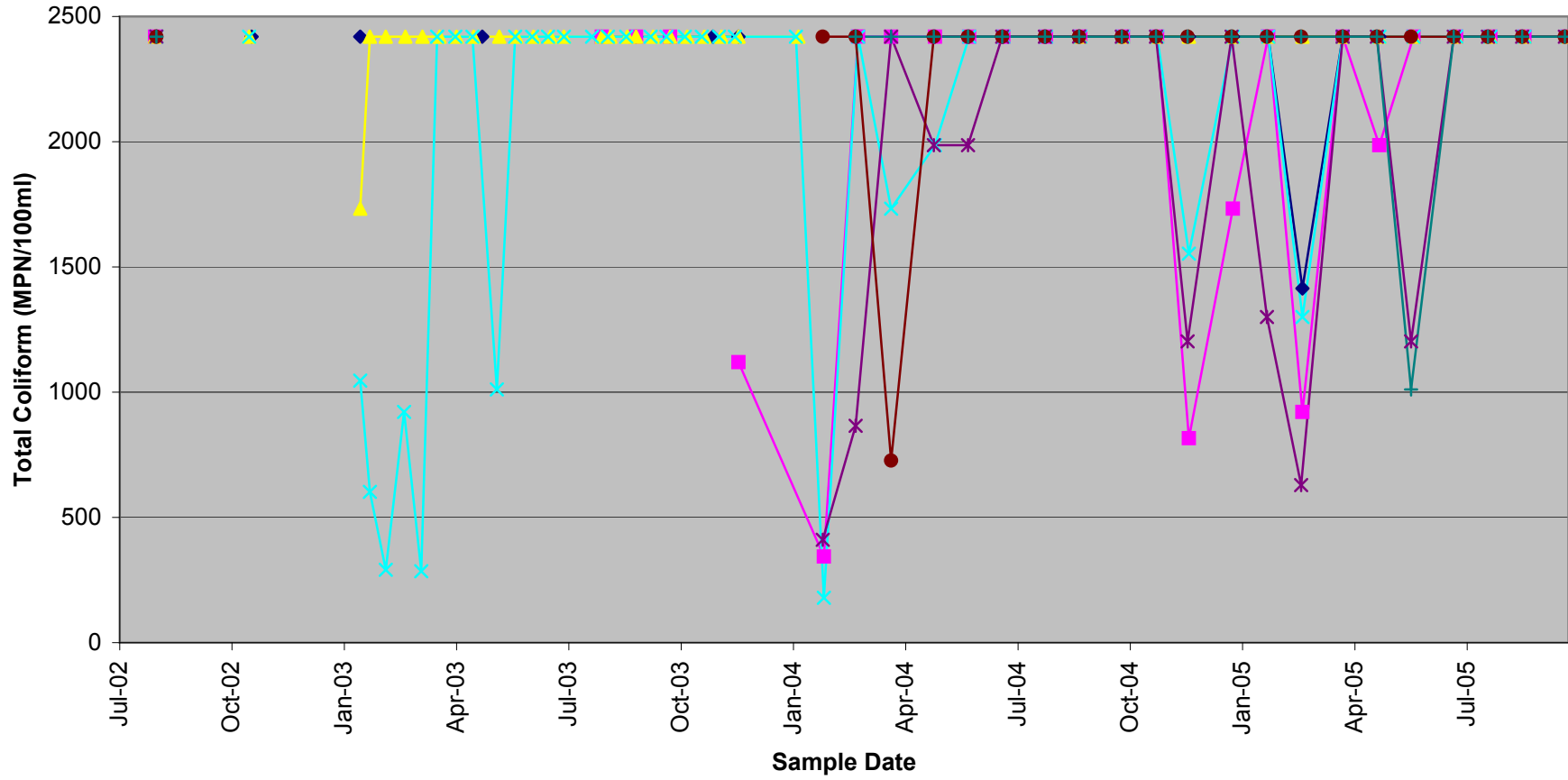
San Joaquin River East Side Basin Total Organic Carbon WY01-WY05



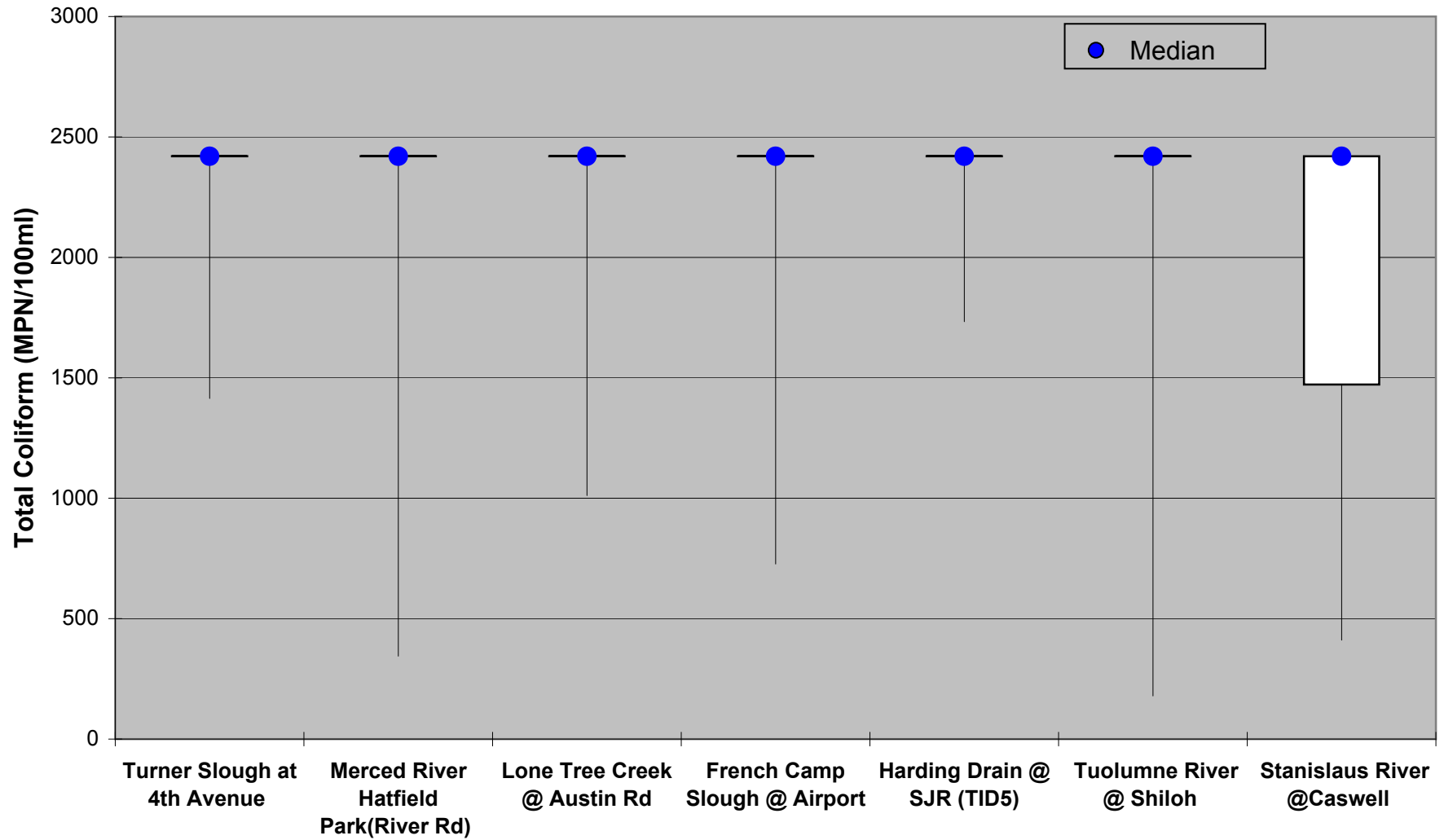
San Joaquin River Eastside Basin Total Organic Carbon WY01- WY05



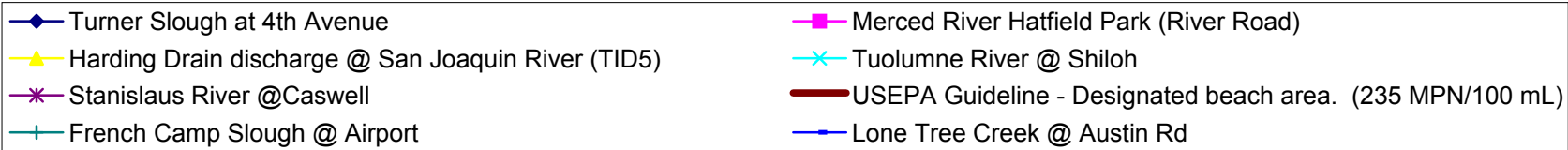
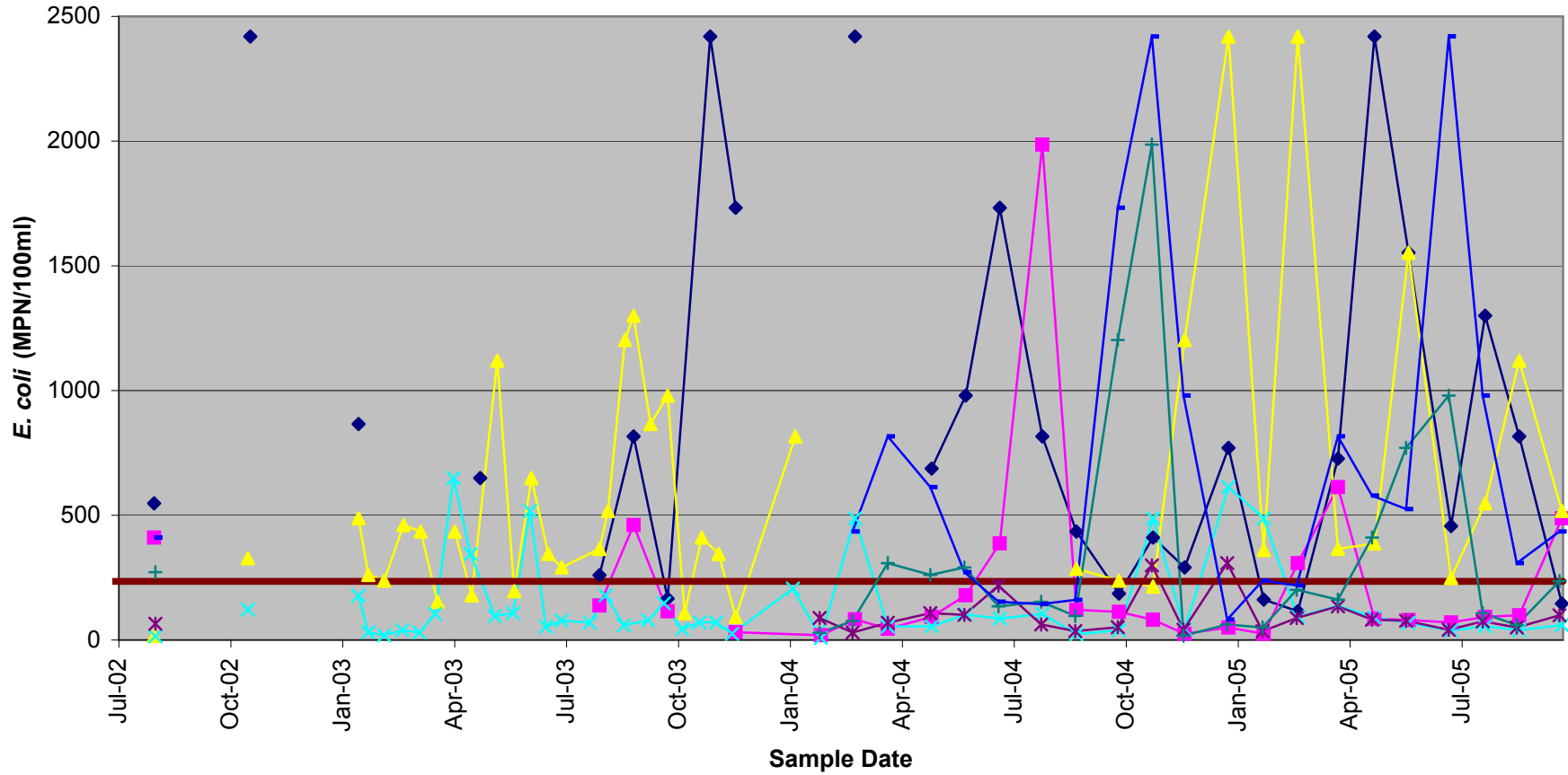
San Joaquin River East Side Basin Total Coliform WY02-WY05



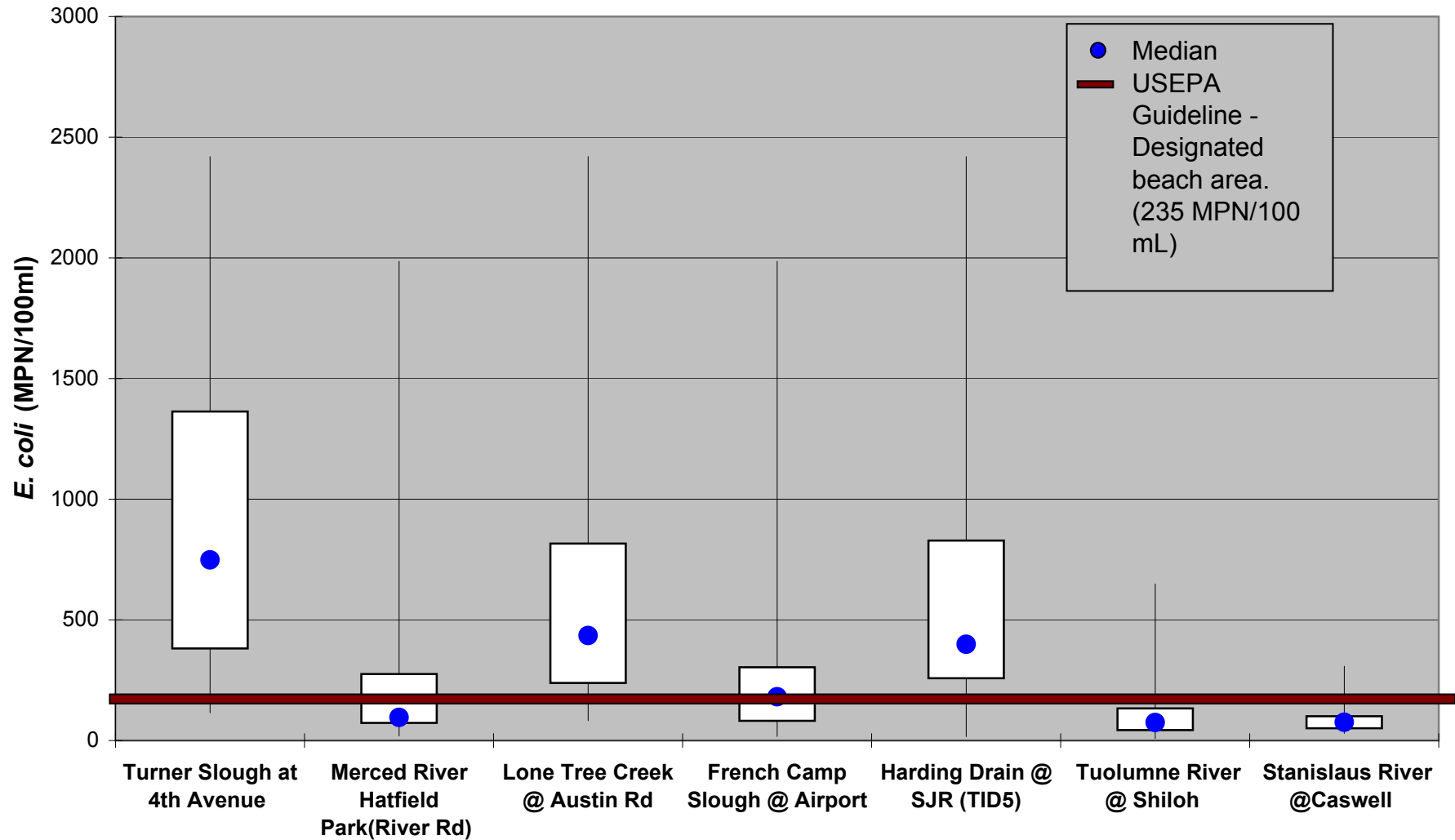
San Joaquin River Eastside Basin Total Coliform WY02- WY05



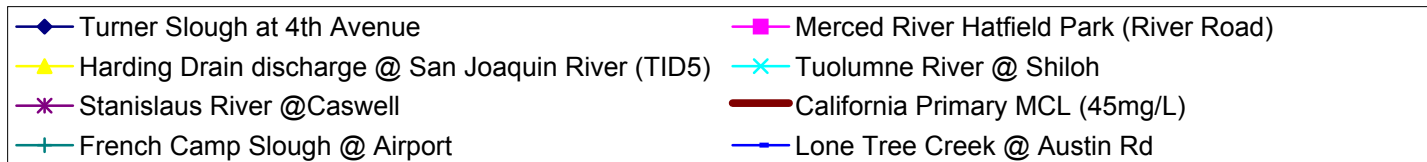
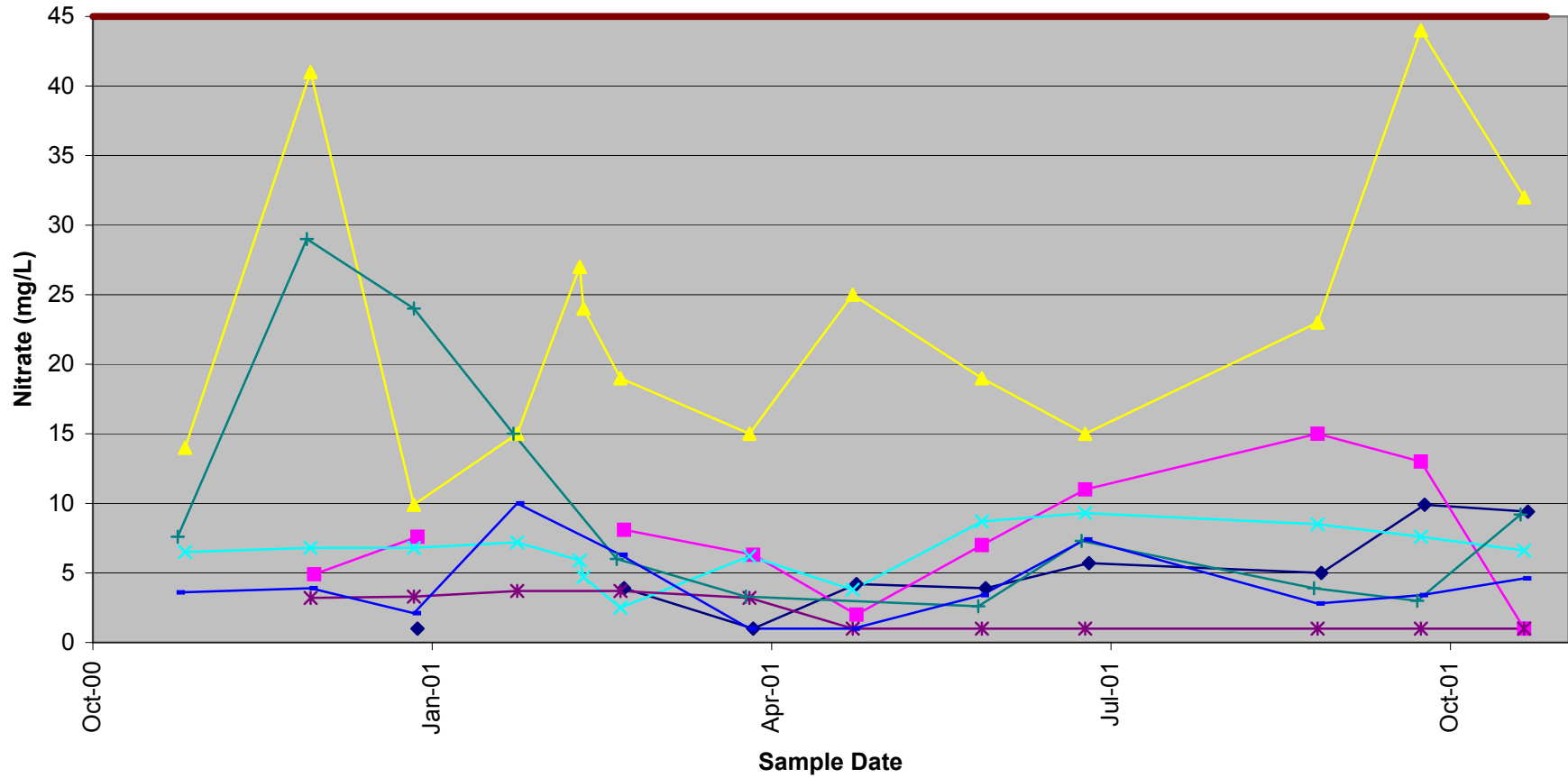
San Joaquin River East Side Basin *Escherichia coli* WY02-WY05



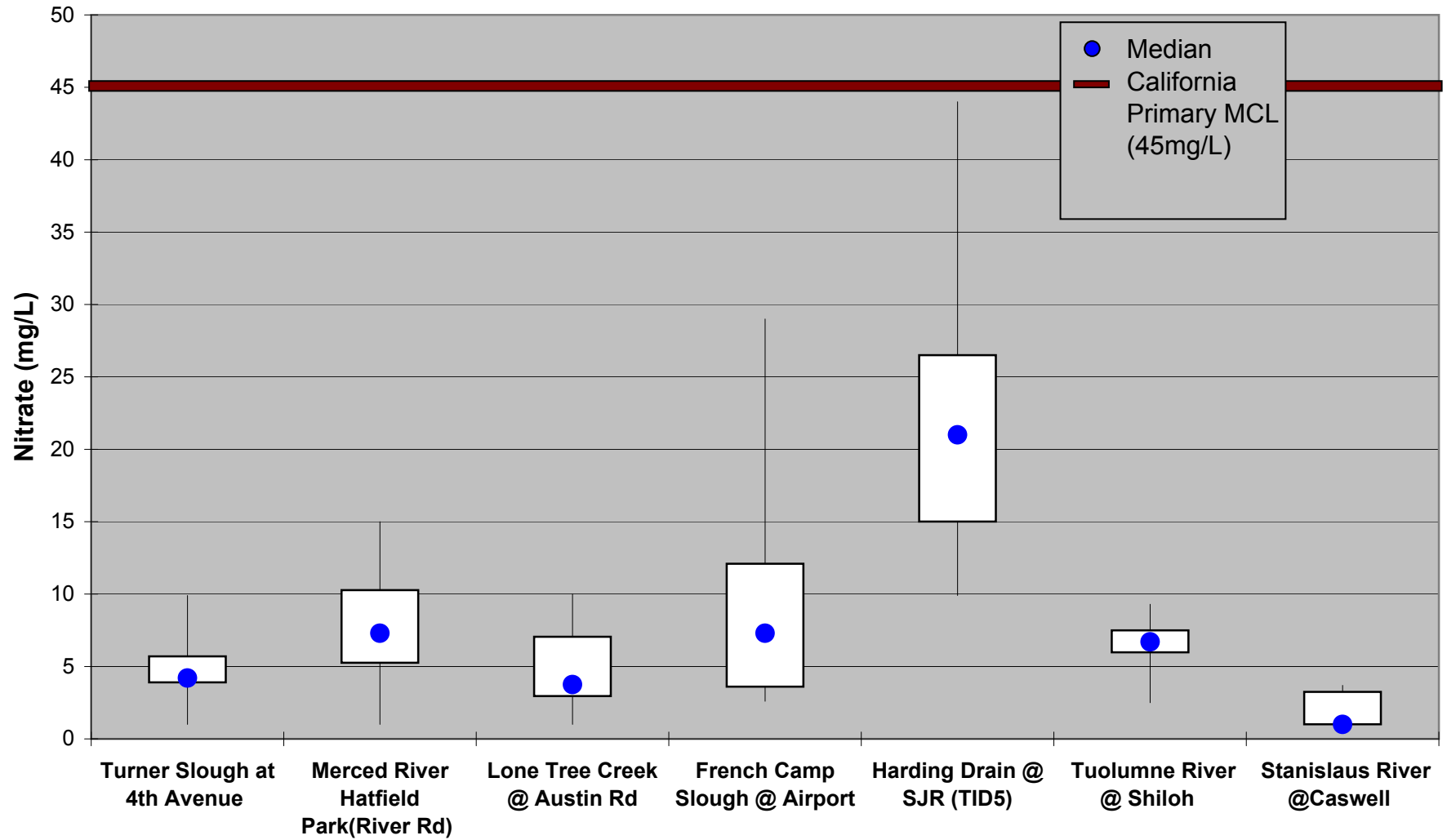
San Joaquin River Eastside Basin *Escherichia coli* WY02-WY05



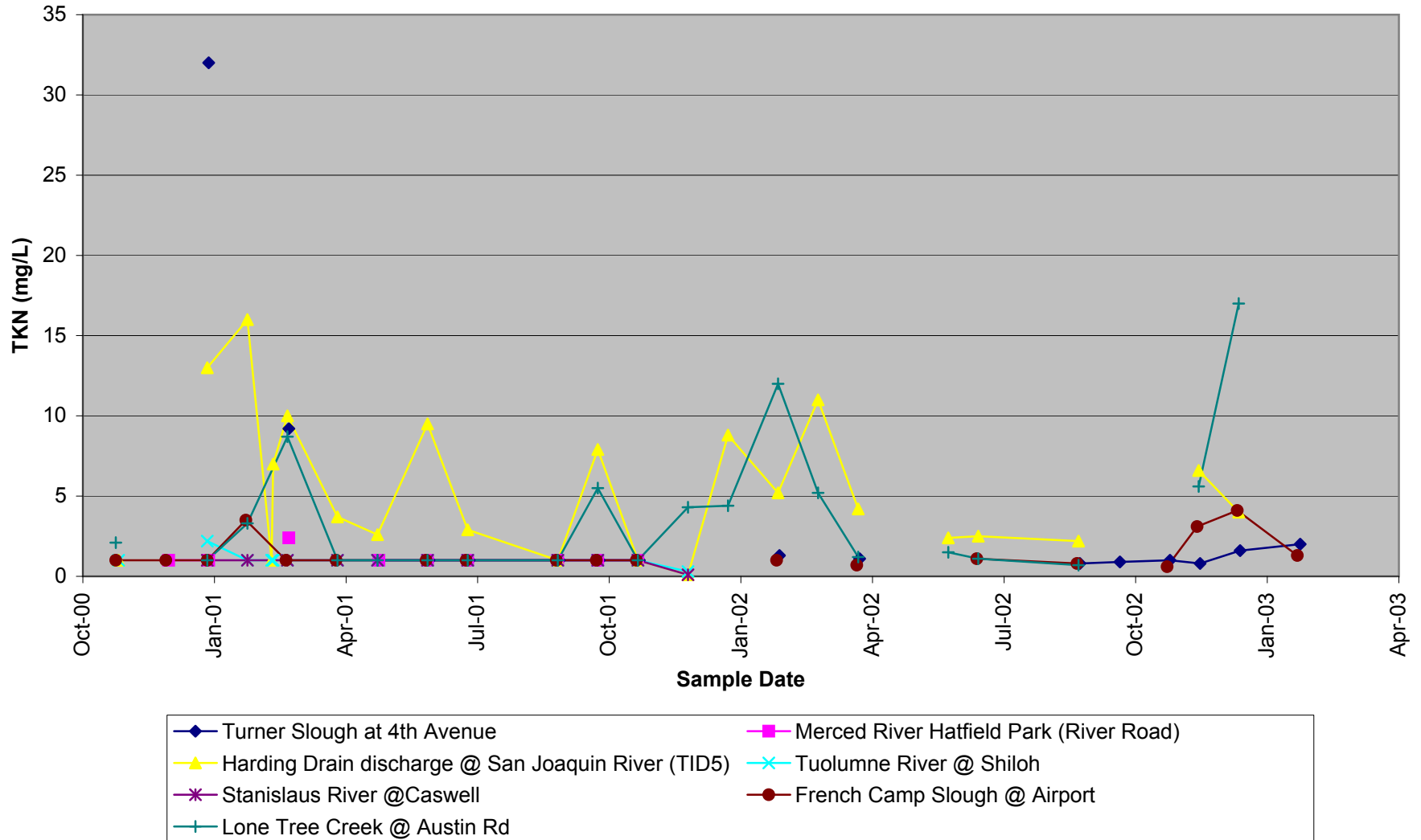
San Joaquin River East Side Basin Nitrate WY01-WY02



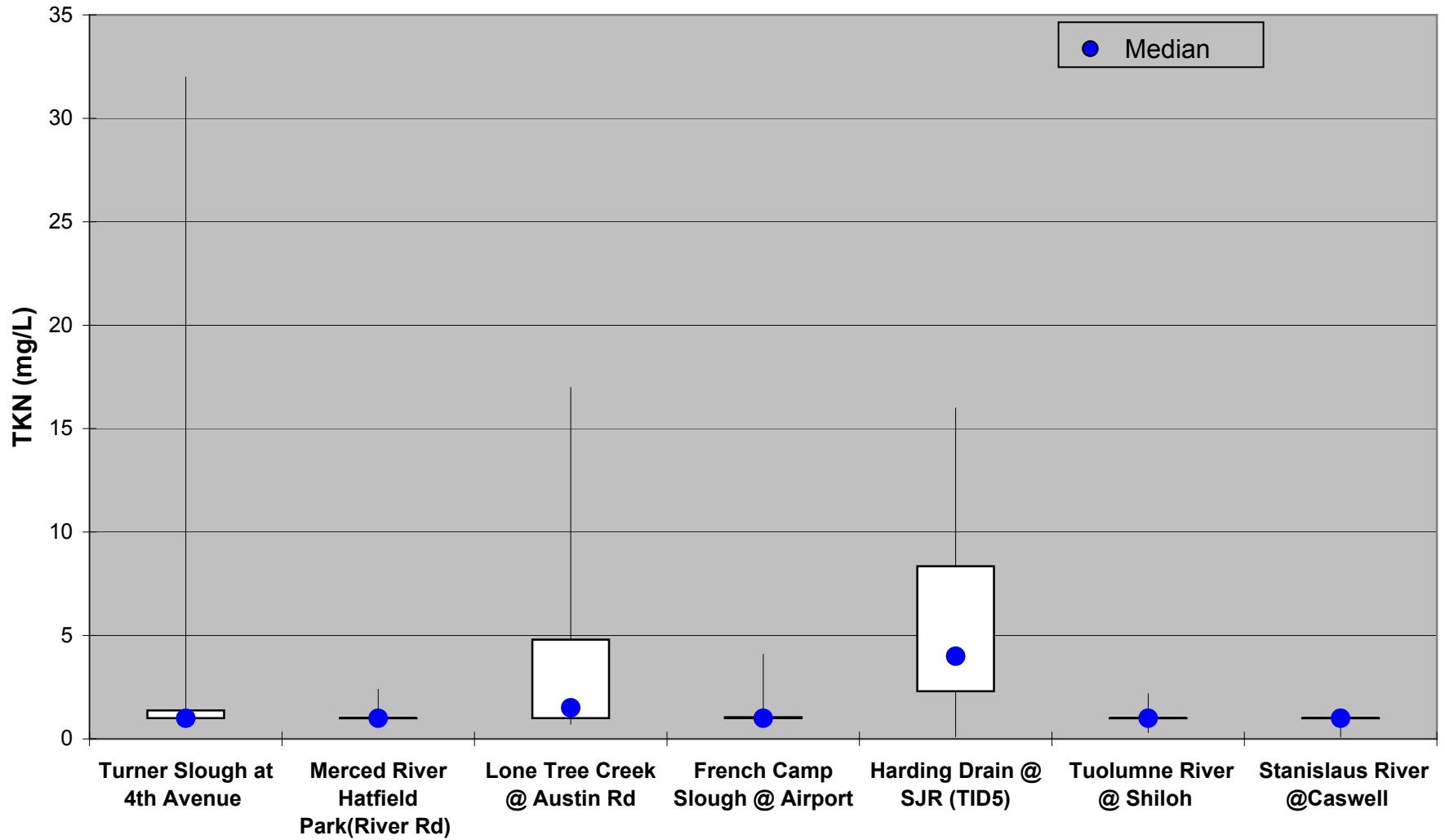
San Joaquin River Eastside Basin Nitrate WY01-WY04



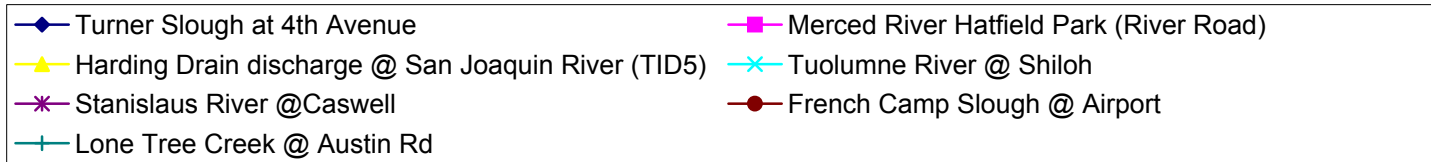
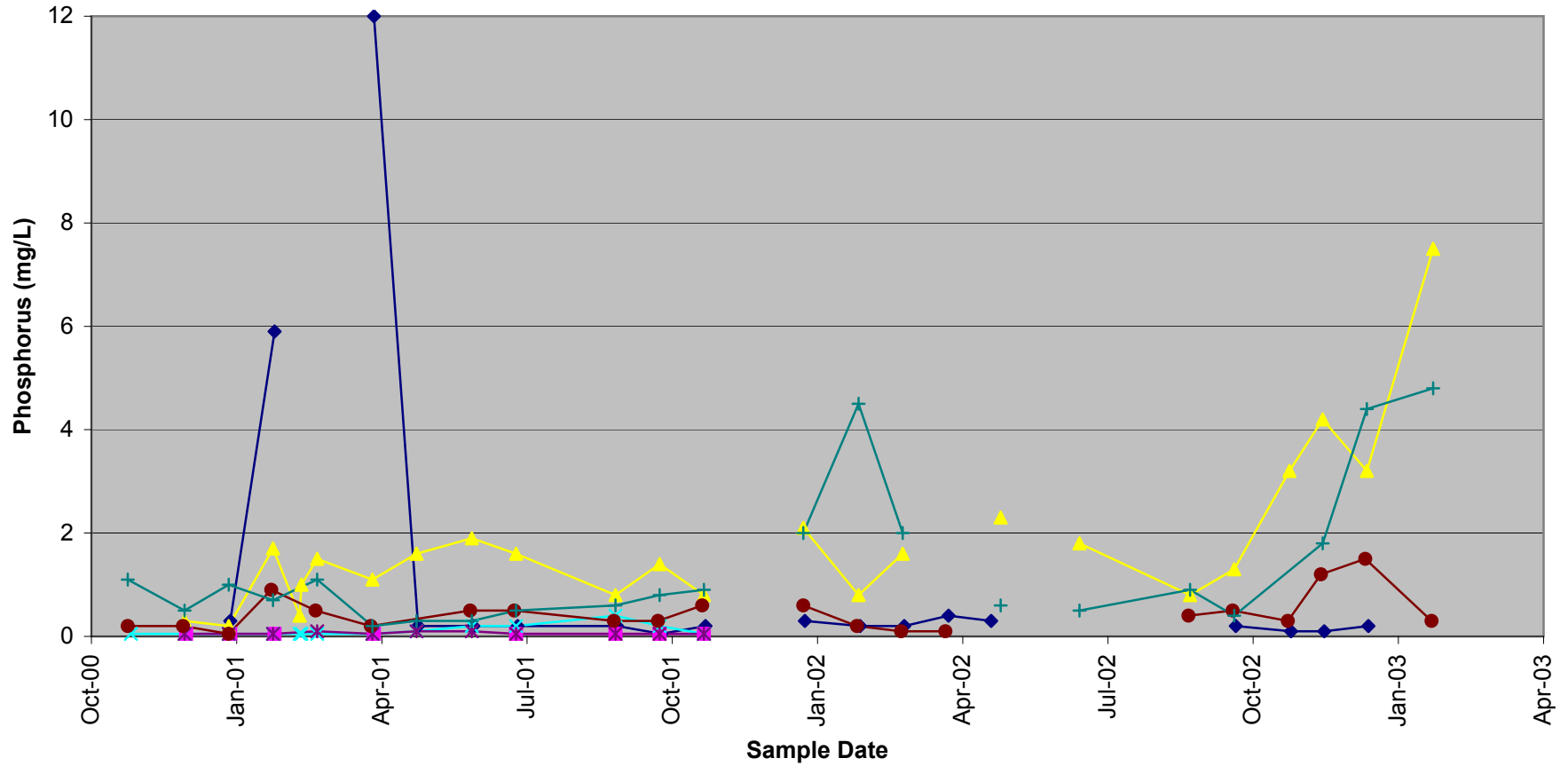
San Joaquin River East Side Basin Total Kjeldahl Nitrogen WY01-WY03



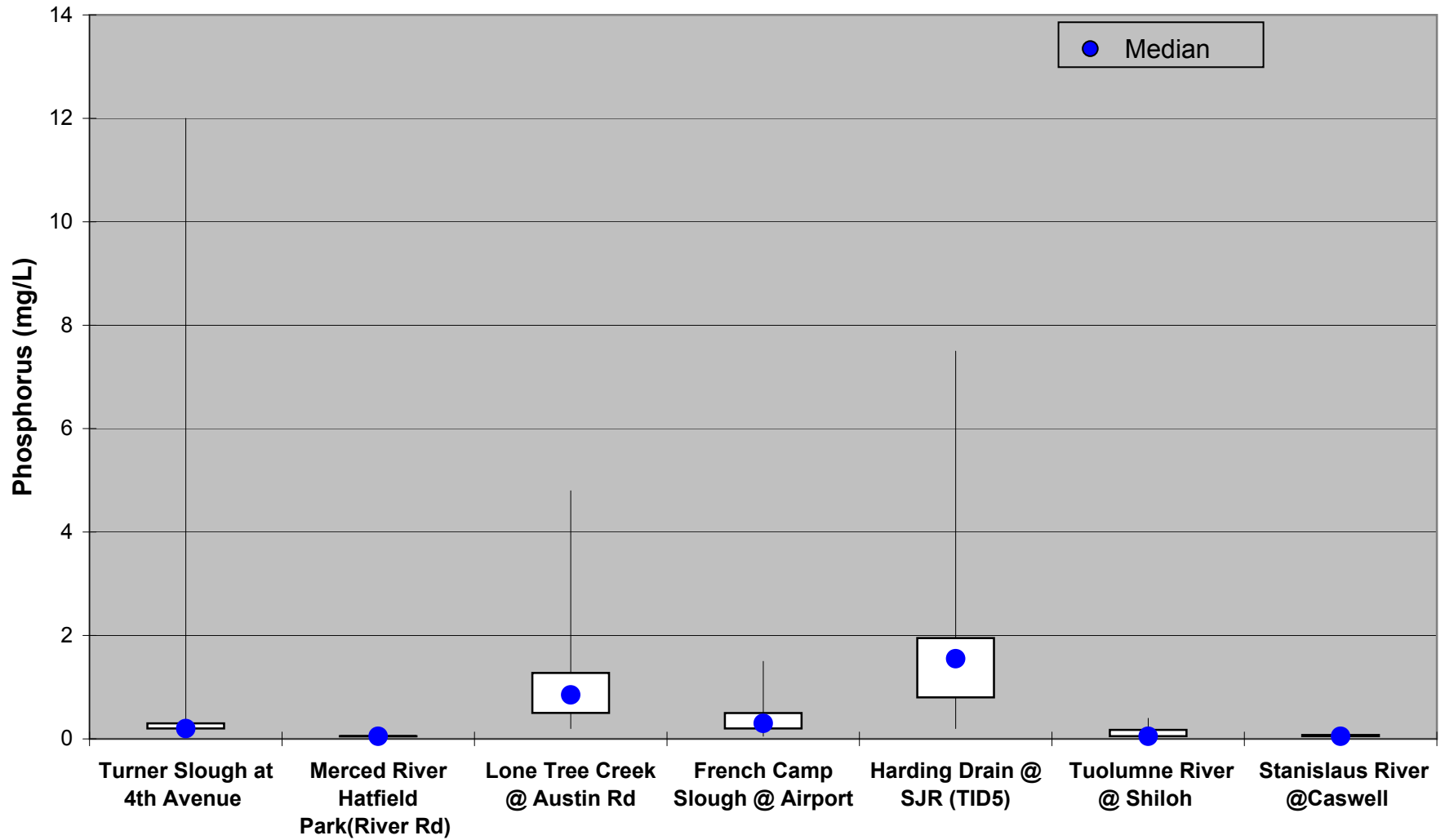
San Joaquin River Eastside Basin Total Kjeldahl Nitrogen WY01-WY05



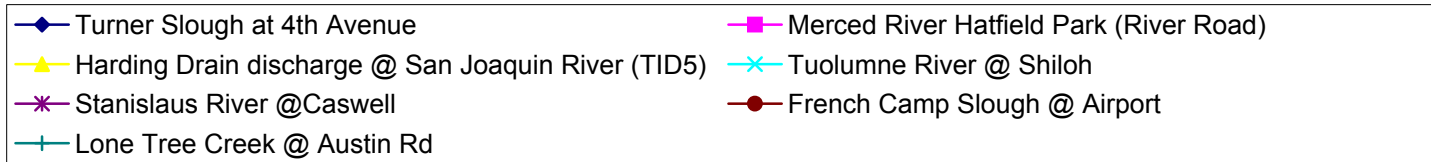
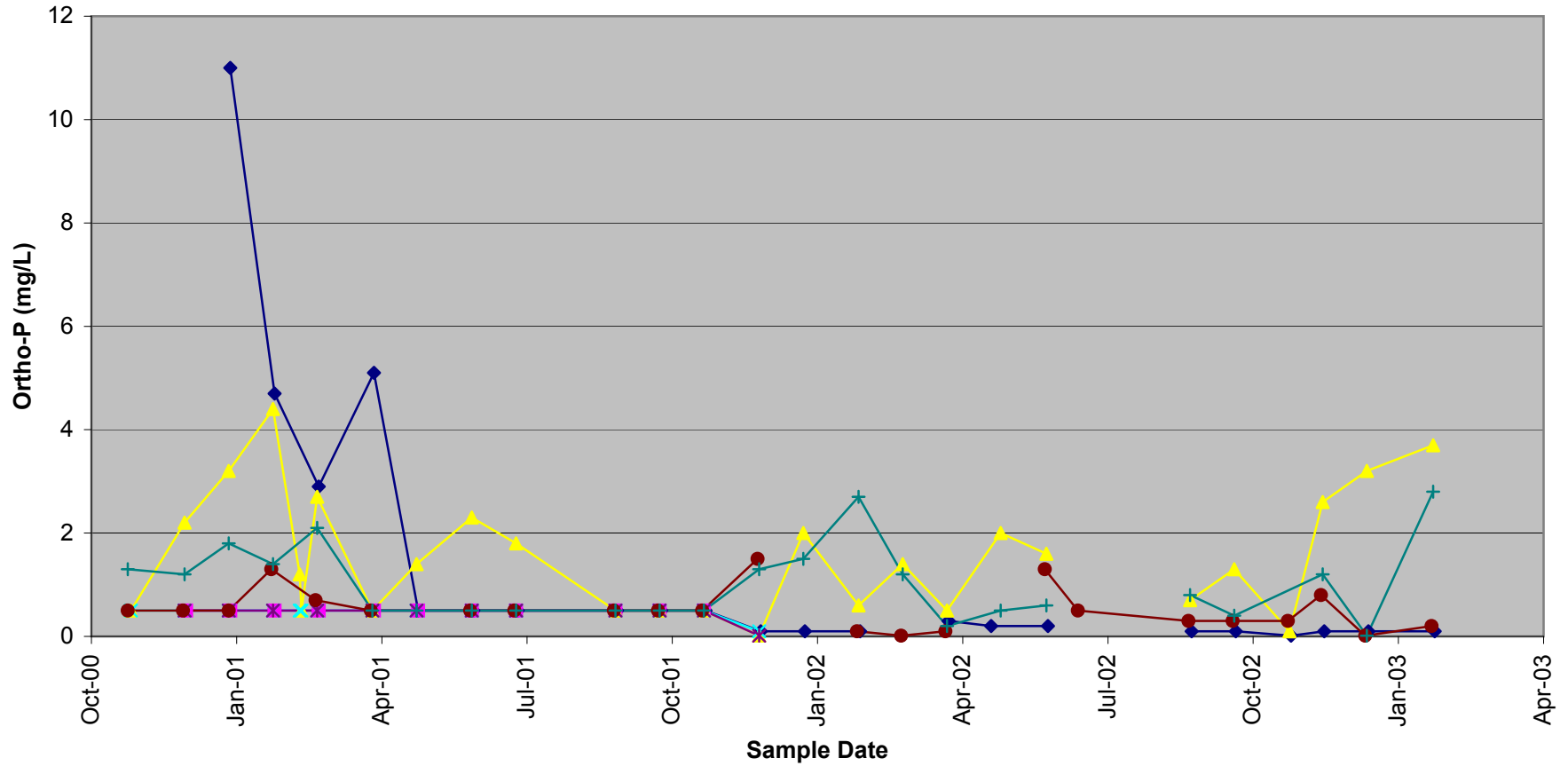
San Joaquin River East Side Basin Phosphorus WY01-WY03



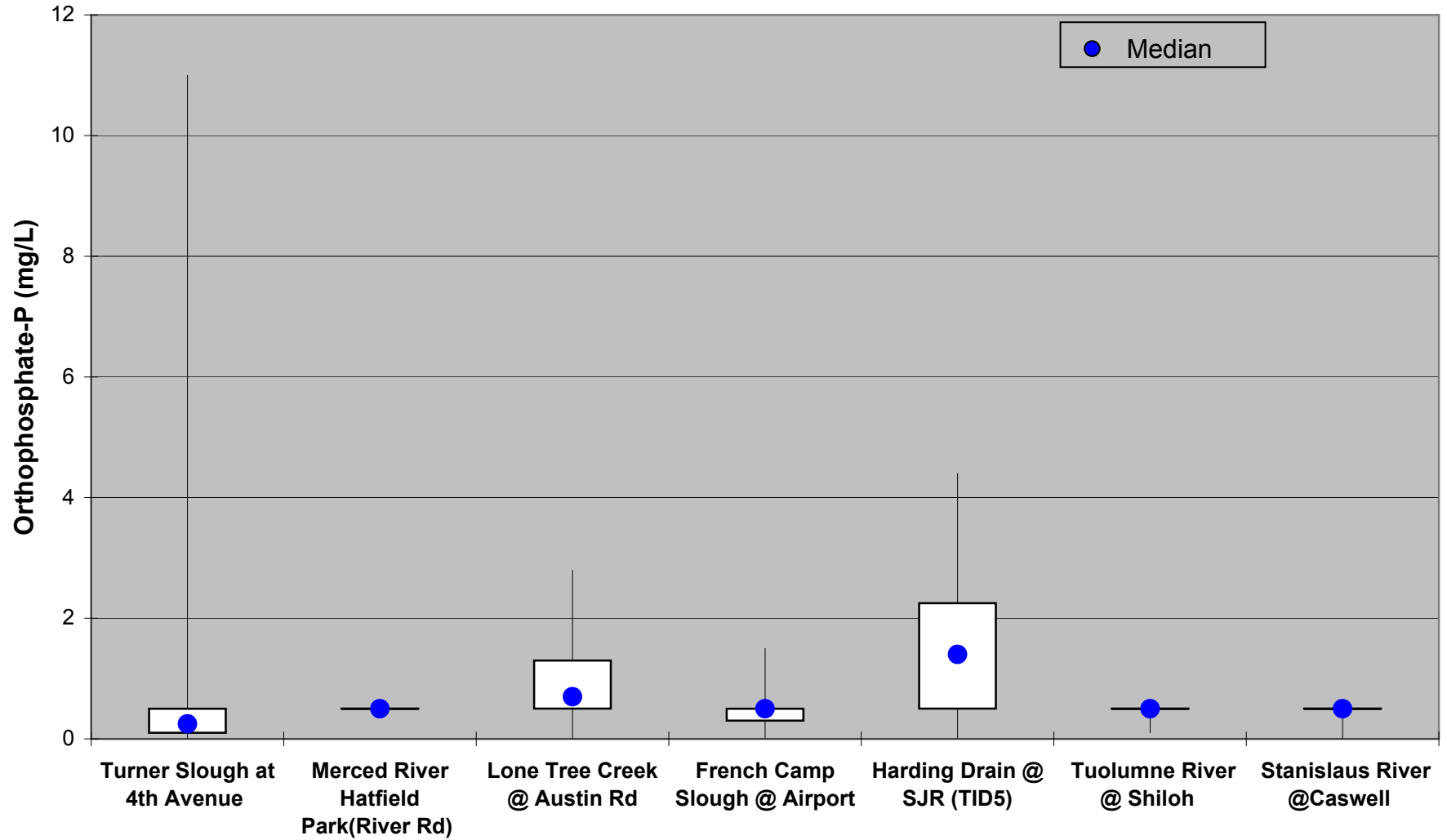
San Joaquin River Eastside Basin Phosphorus WY01-WY05



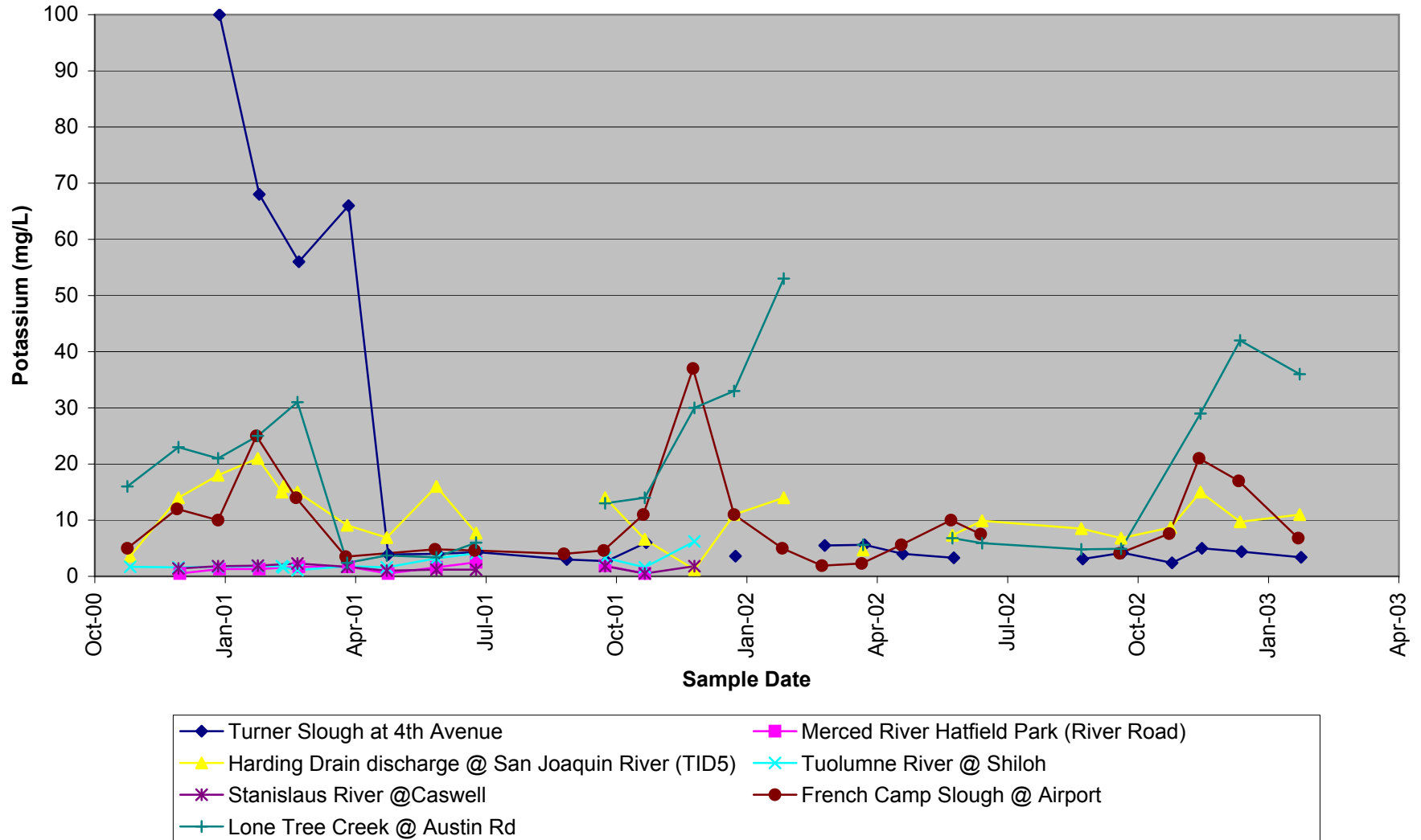
San Joaquin River East Side Basin Orthophosphate-P WY01-WY03



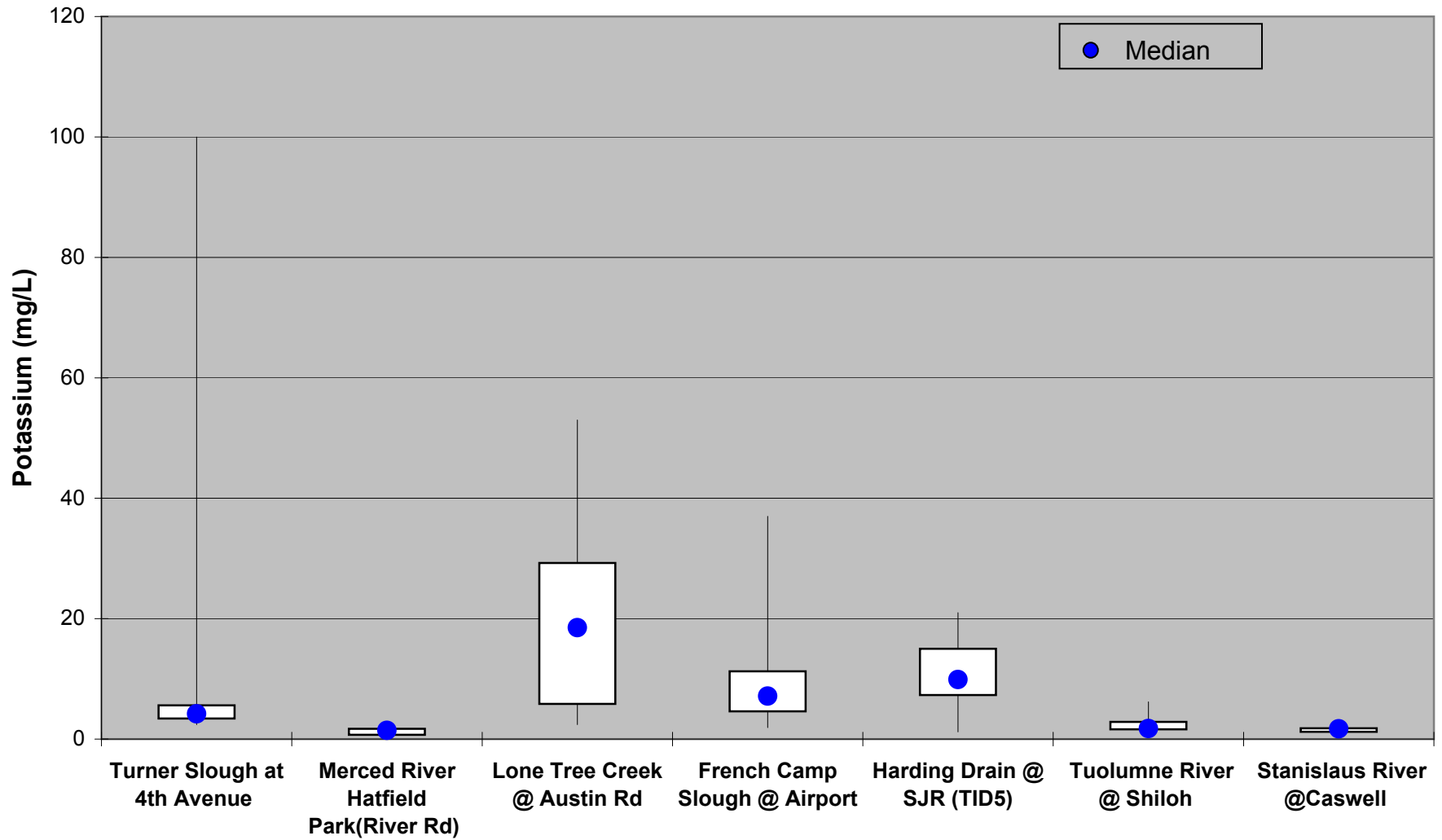
San Joaquin River Eastside Basin Orthophosphate-P WY01-WY05



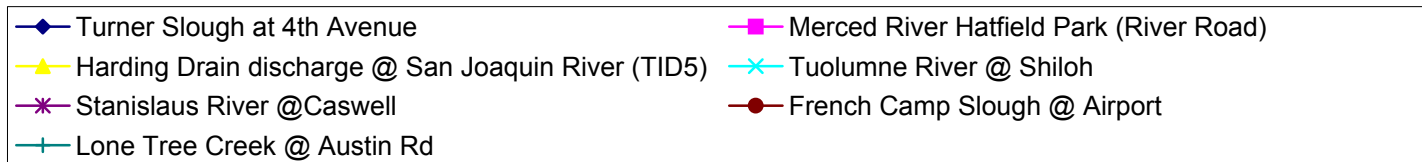
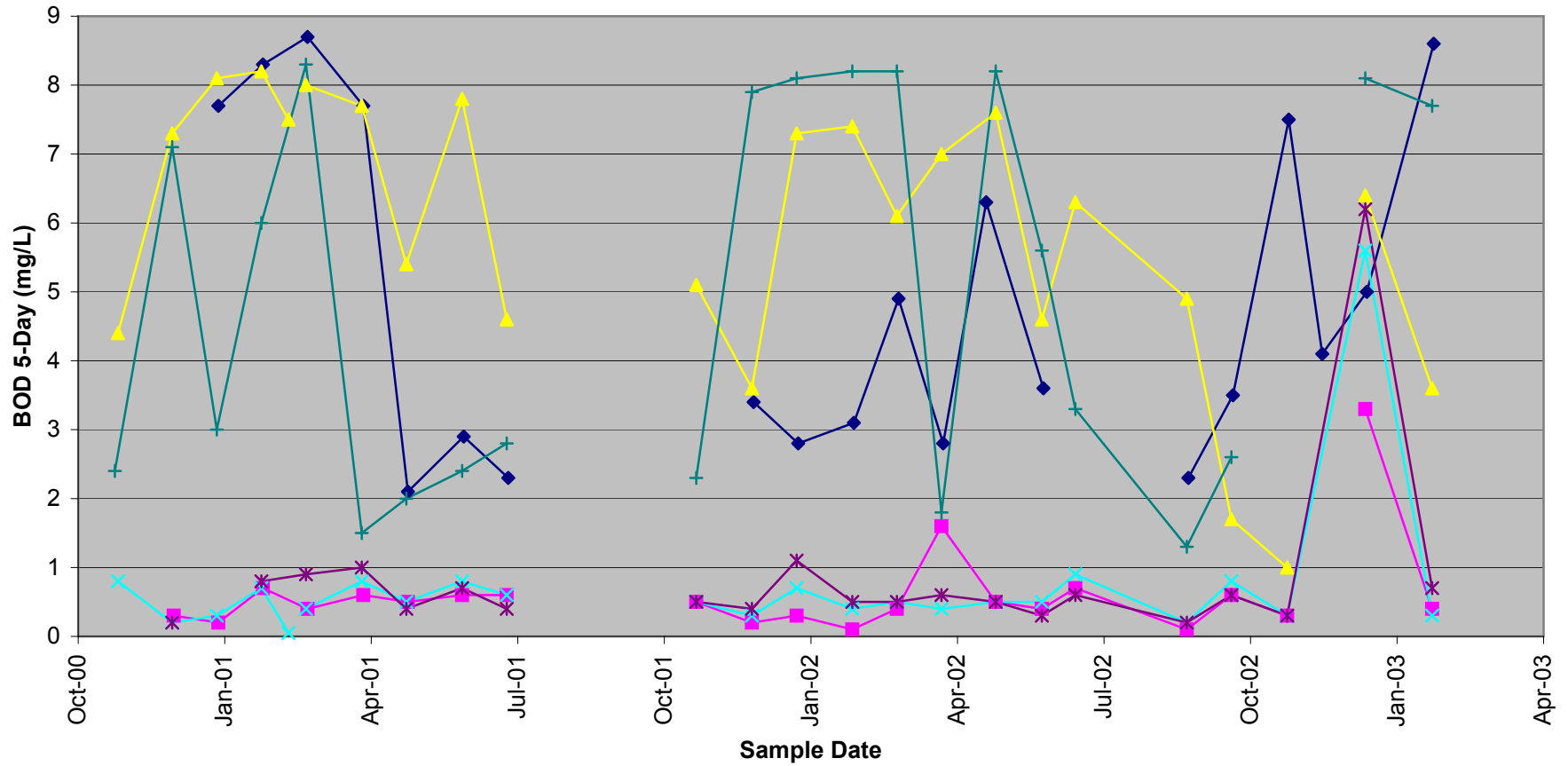
San Joaquin River East Side Basin Potassium WY01-WY03



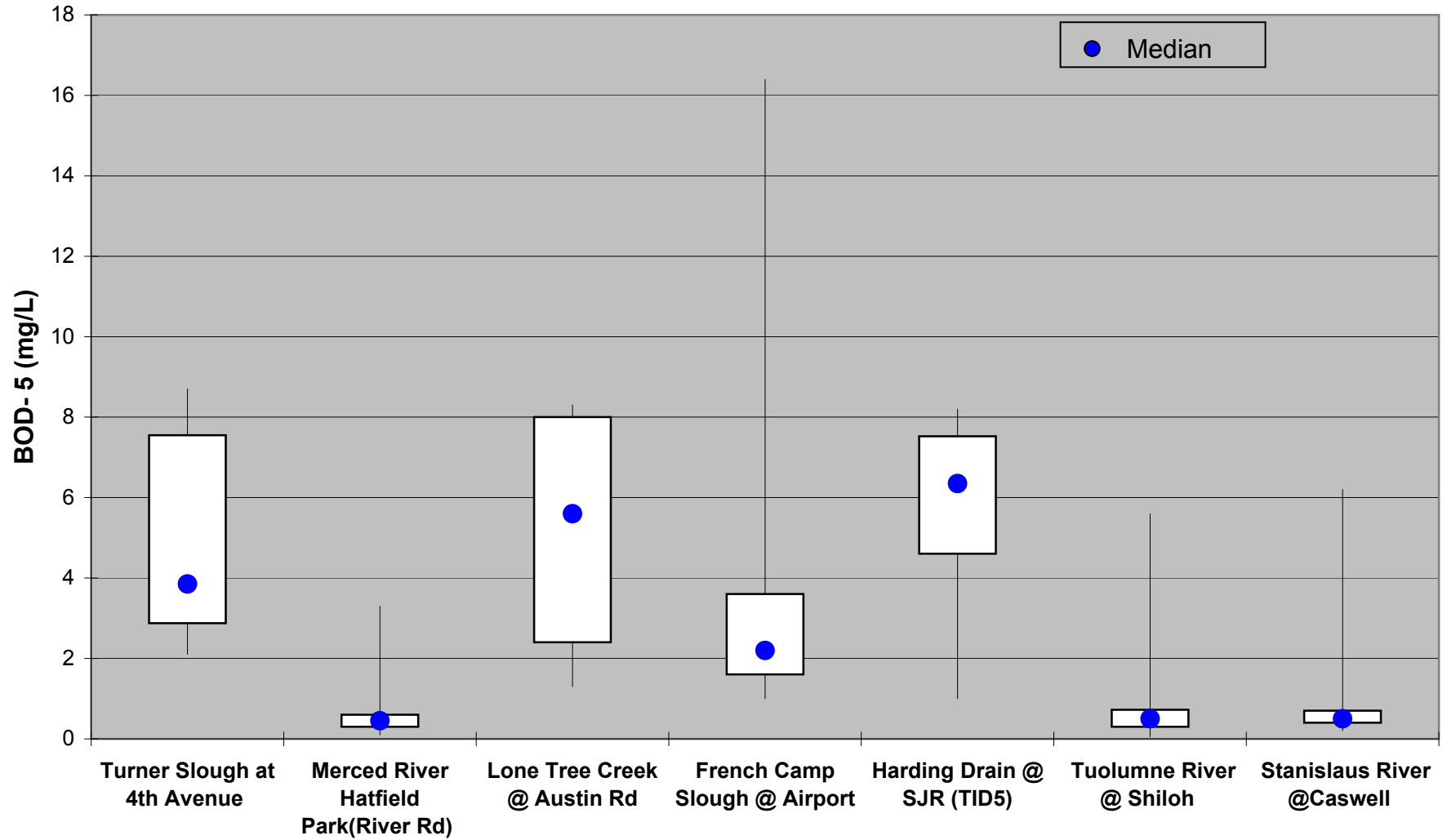
San Joaquin River Eastside Basin Potassium WY01-WY04



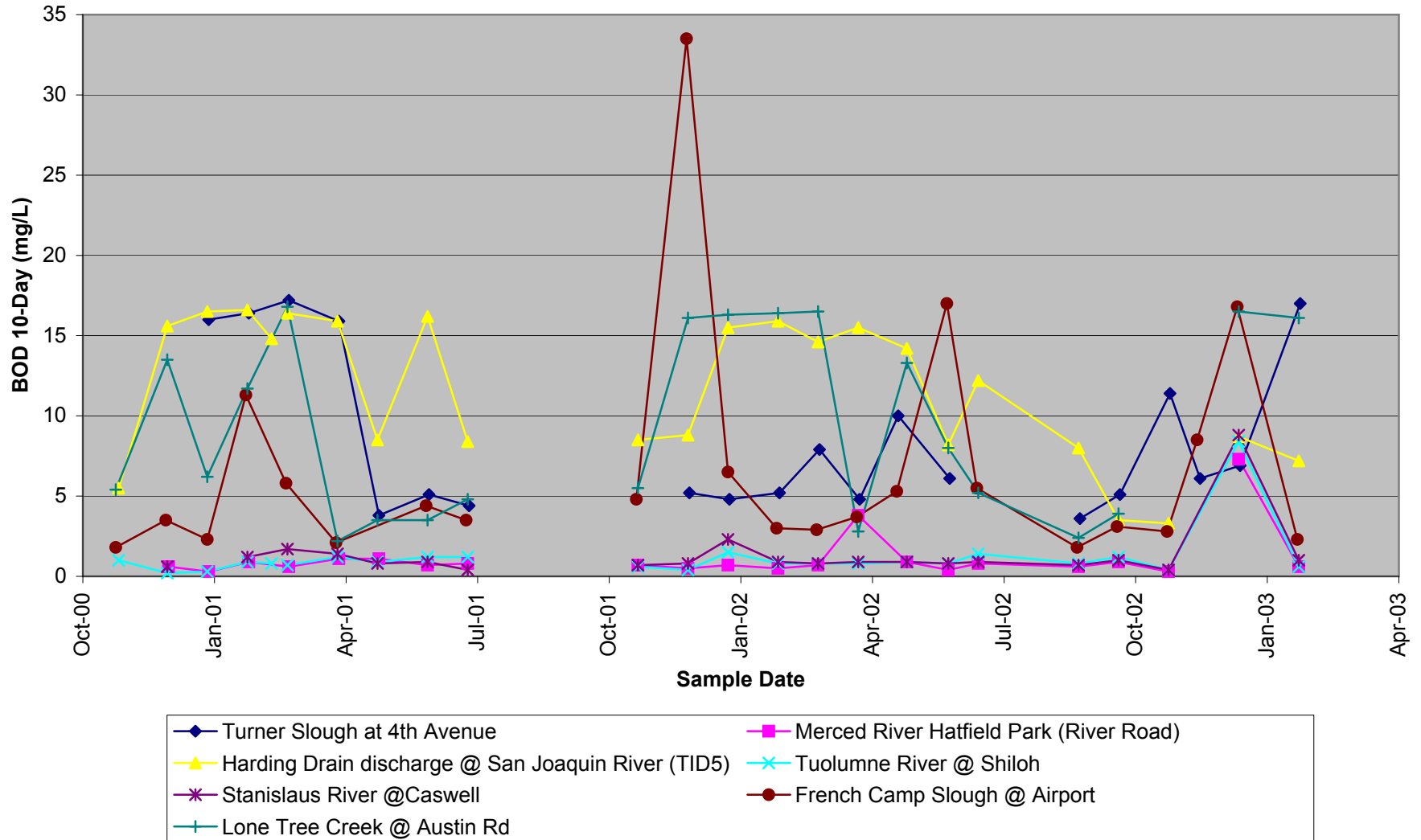
San Joaquin River East Side Basin Biochemical Oxygen Demand 5-Day WY01-WY03



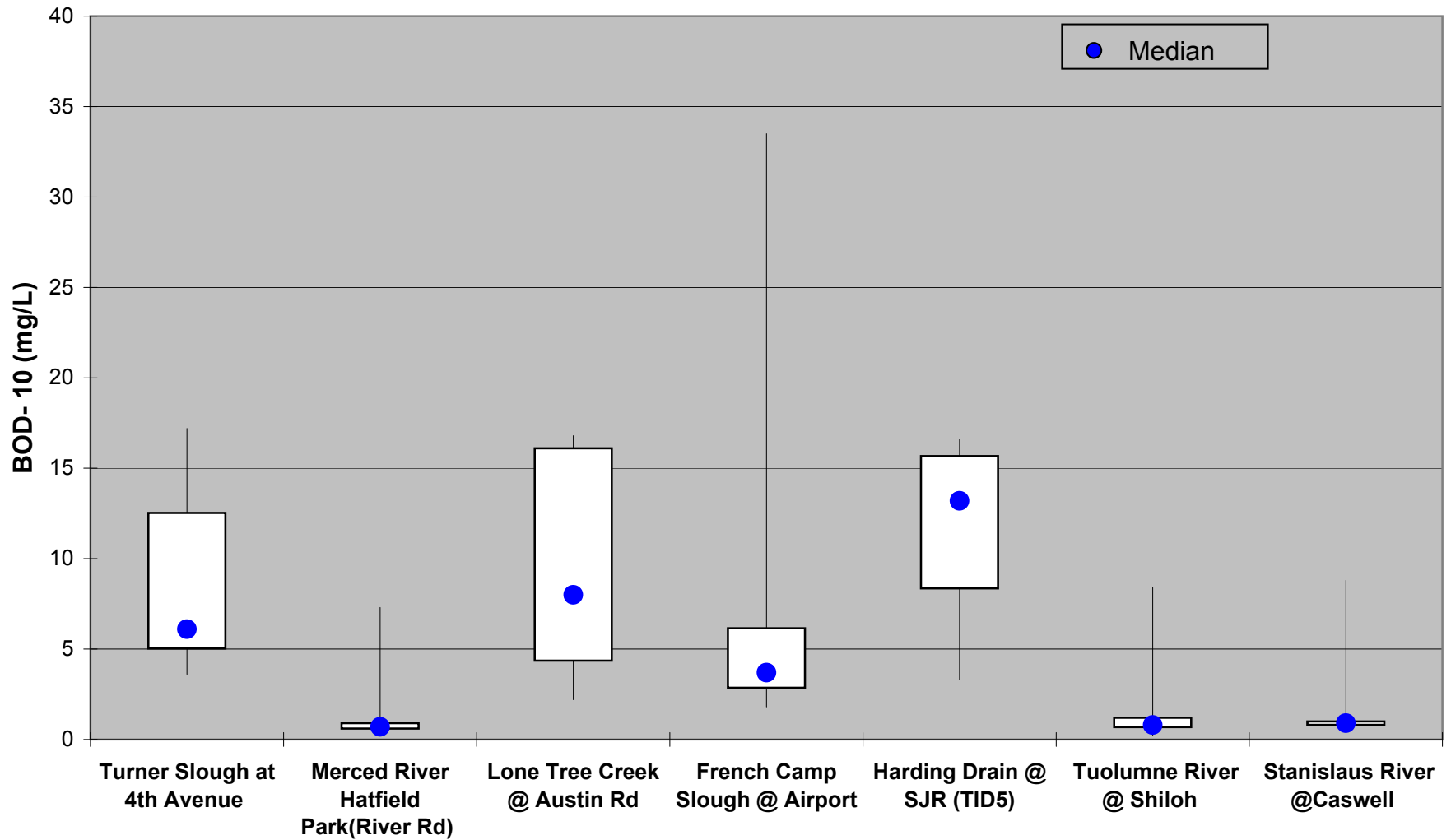
San Joaquin River Eastside Basin Biological Oxygen Demand 5-Day WY01-WY03



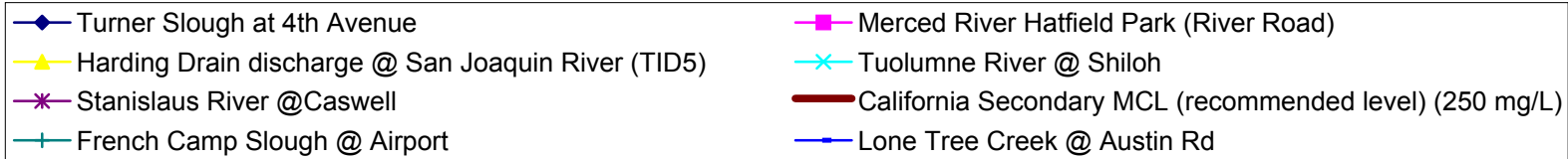
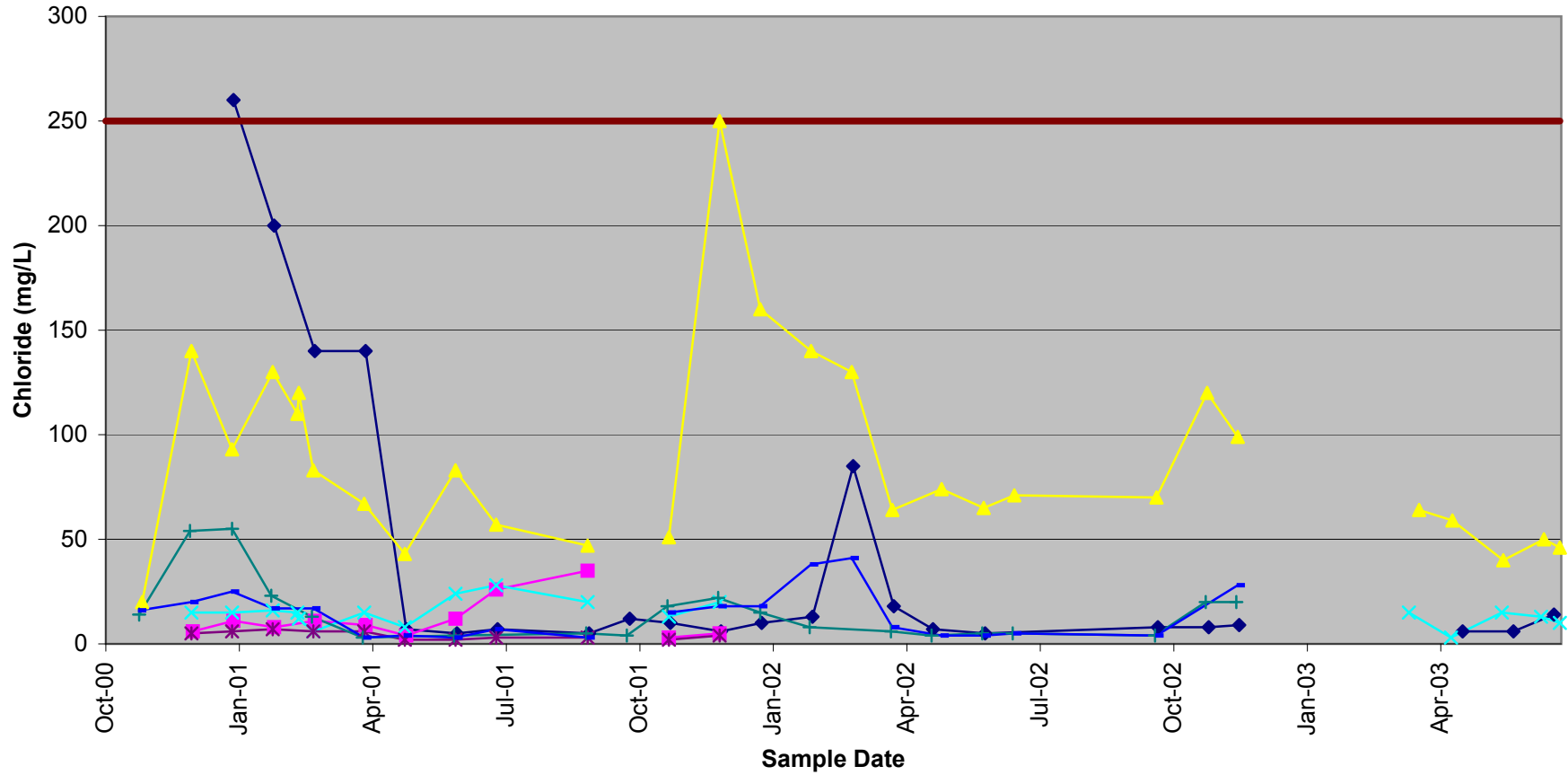
San Joaquin River East Side Basin Biochemical Oxygen Demand 10-Day WY01-WY03



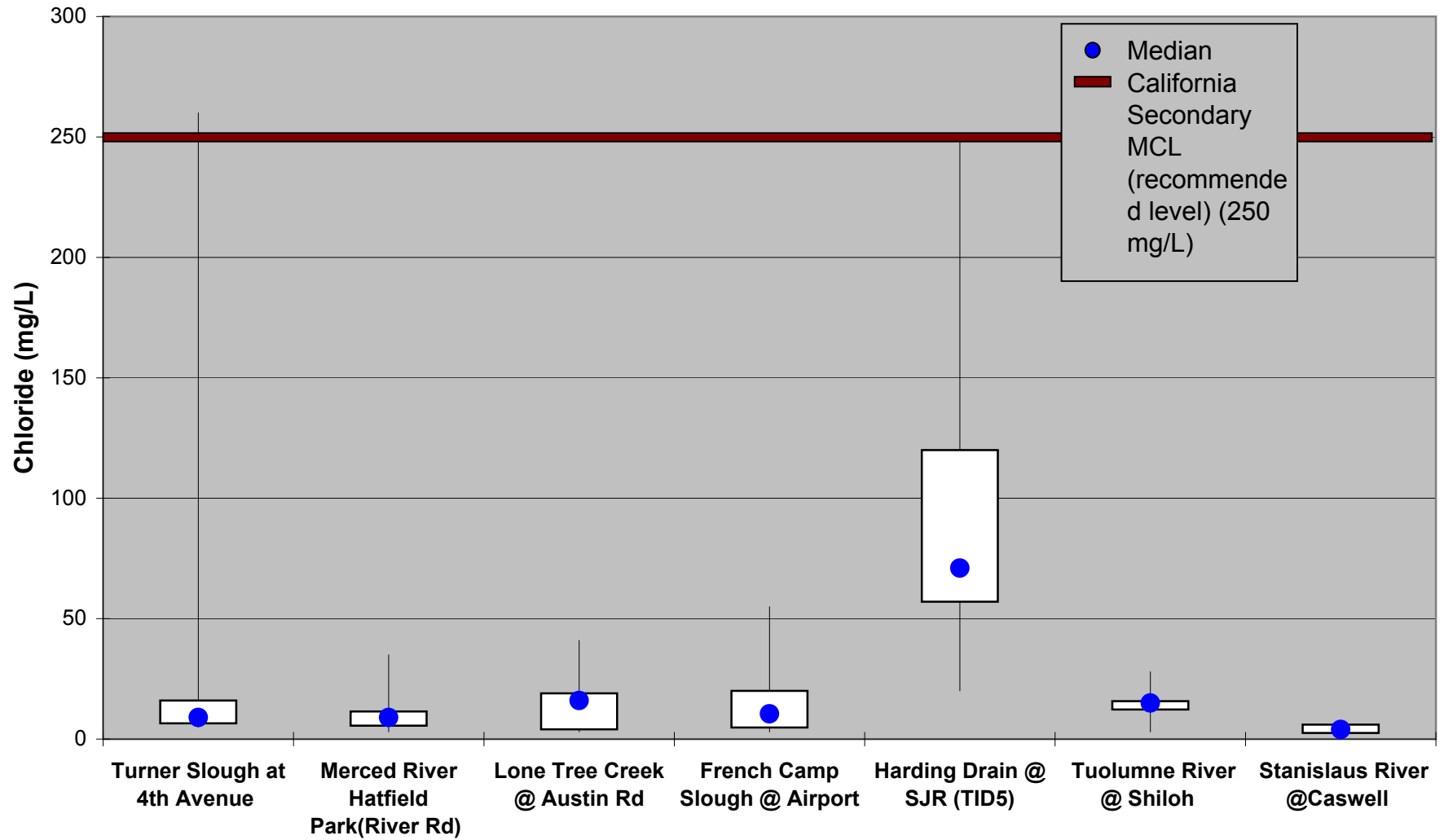
San Joaquin River Eastside Basin Biological Oxygen Demand 10-Day WY01-WY03



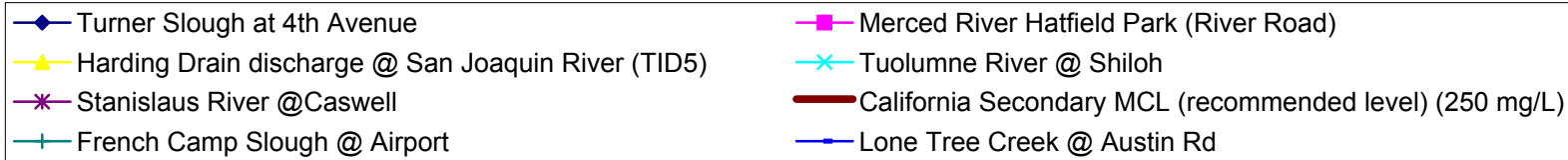
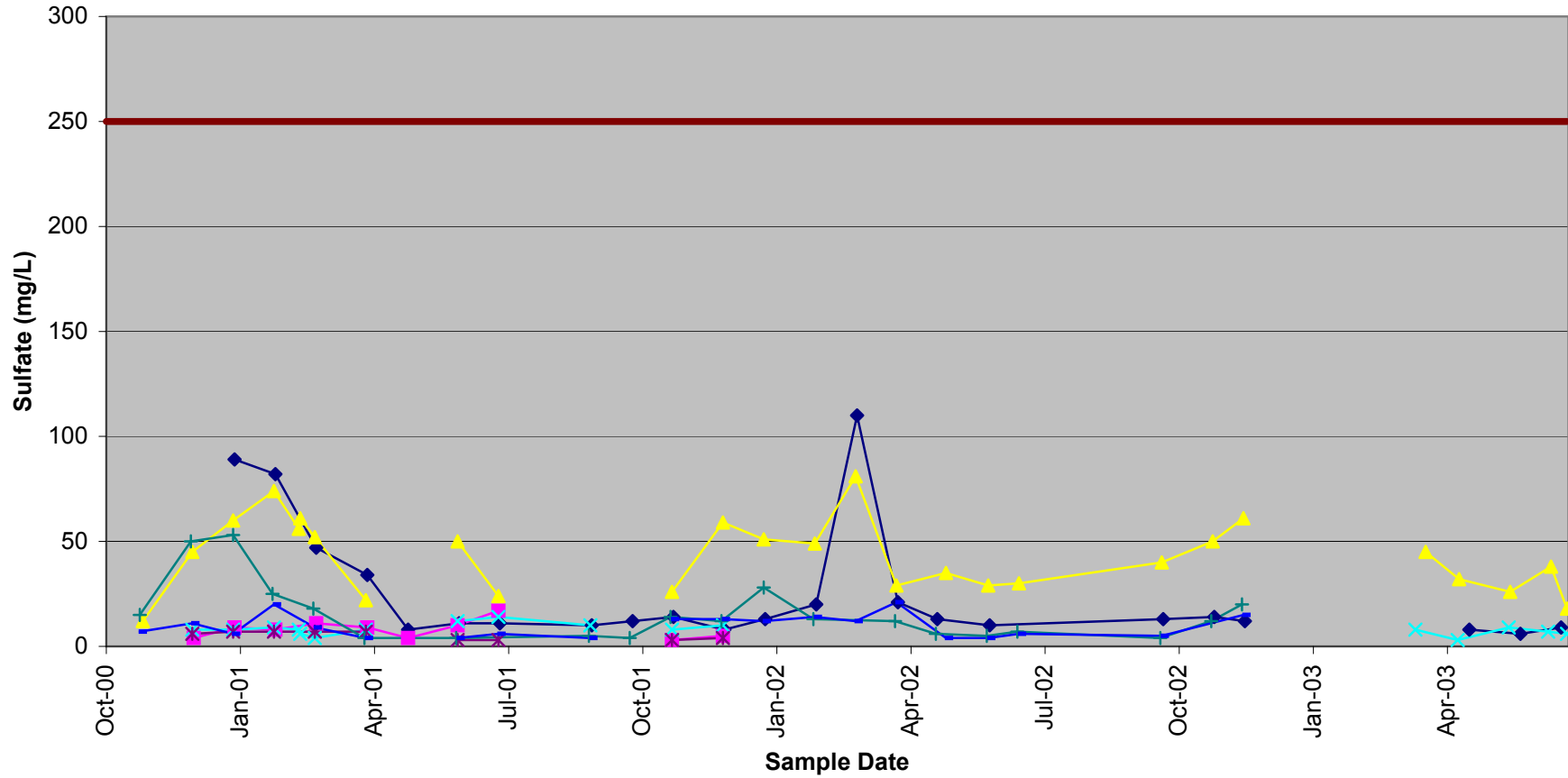
San Joaquin River East Side Basin Chloride WY01-WY03



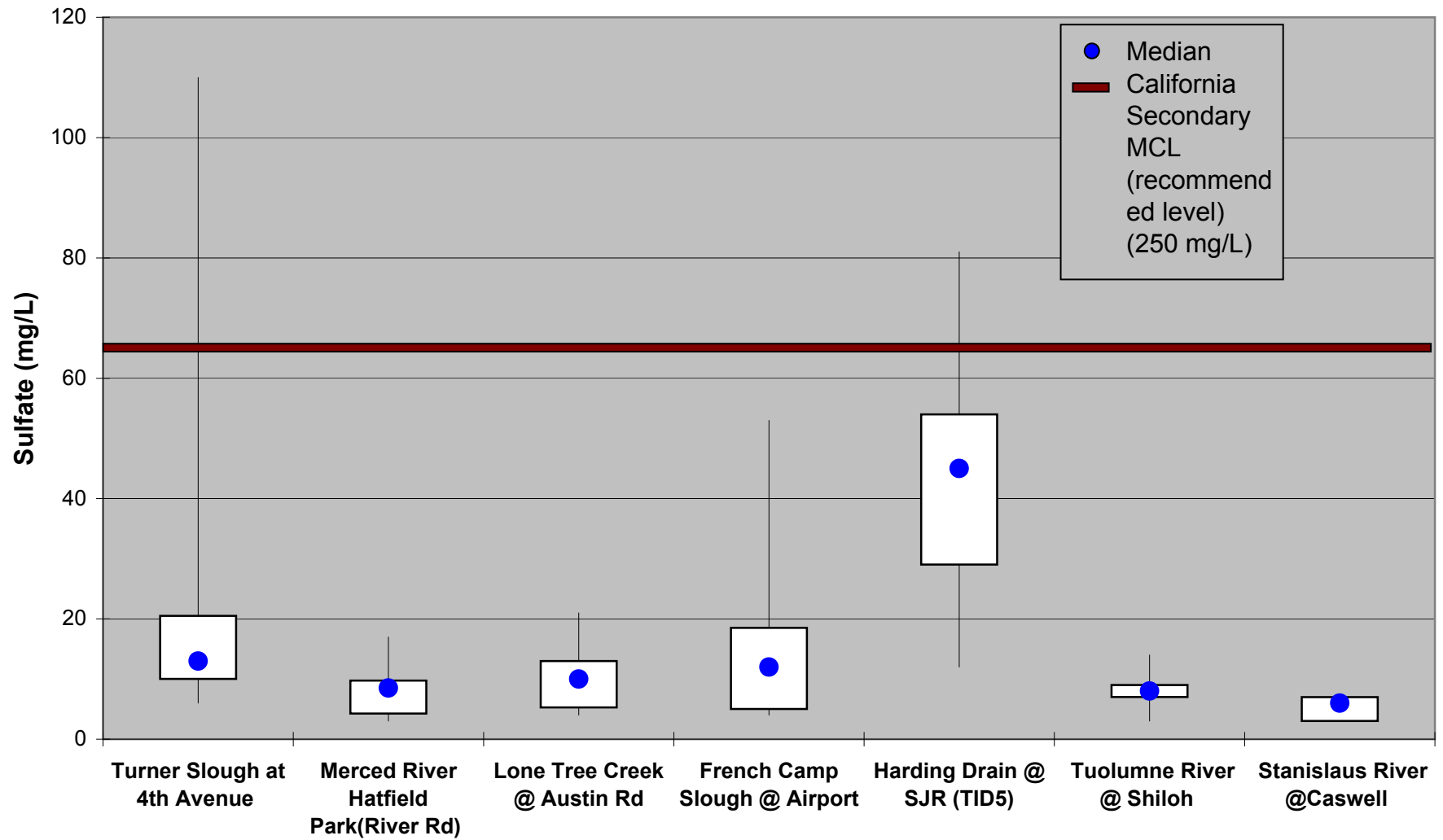
San Joaquin River Eastside Basin Chloride WY01-WY03



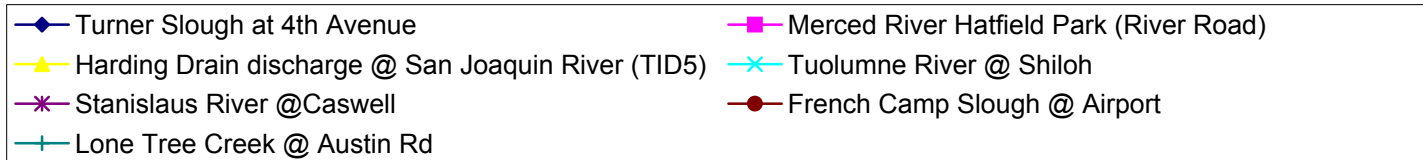
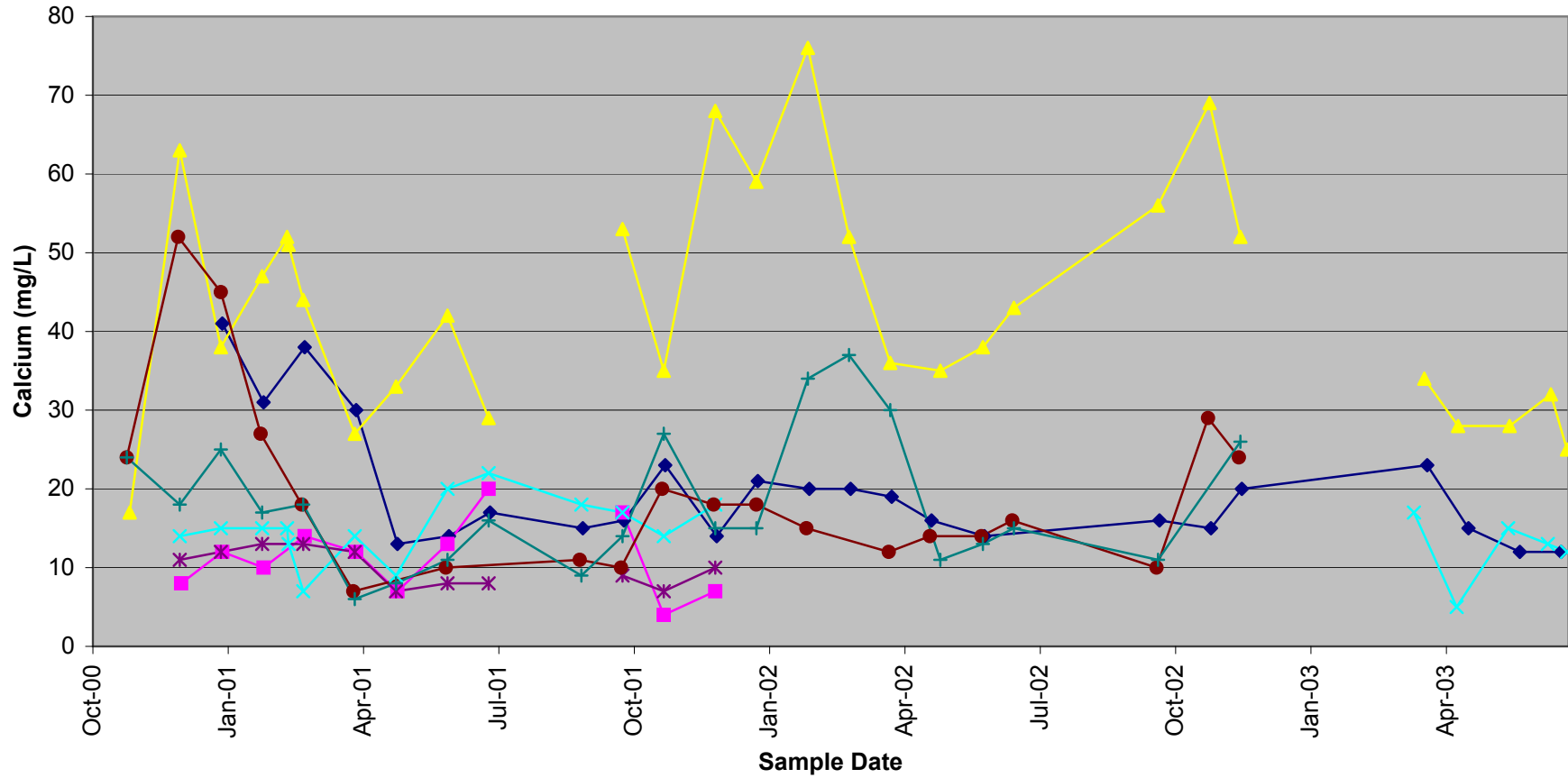
San Joaquin River East Side Basin Sulfate WY01-WY03



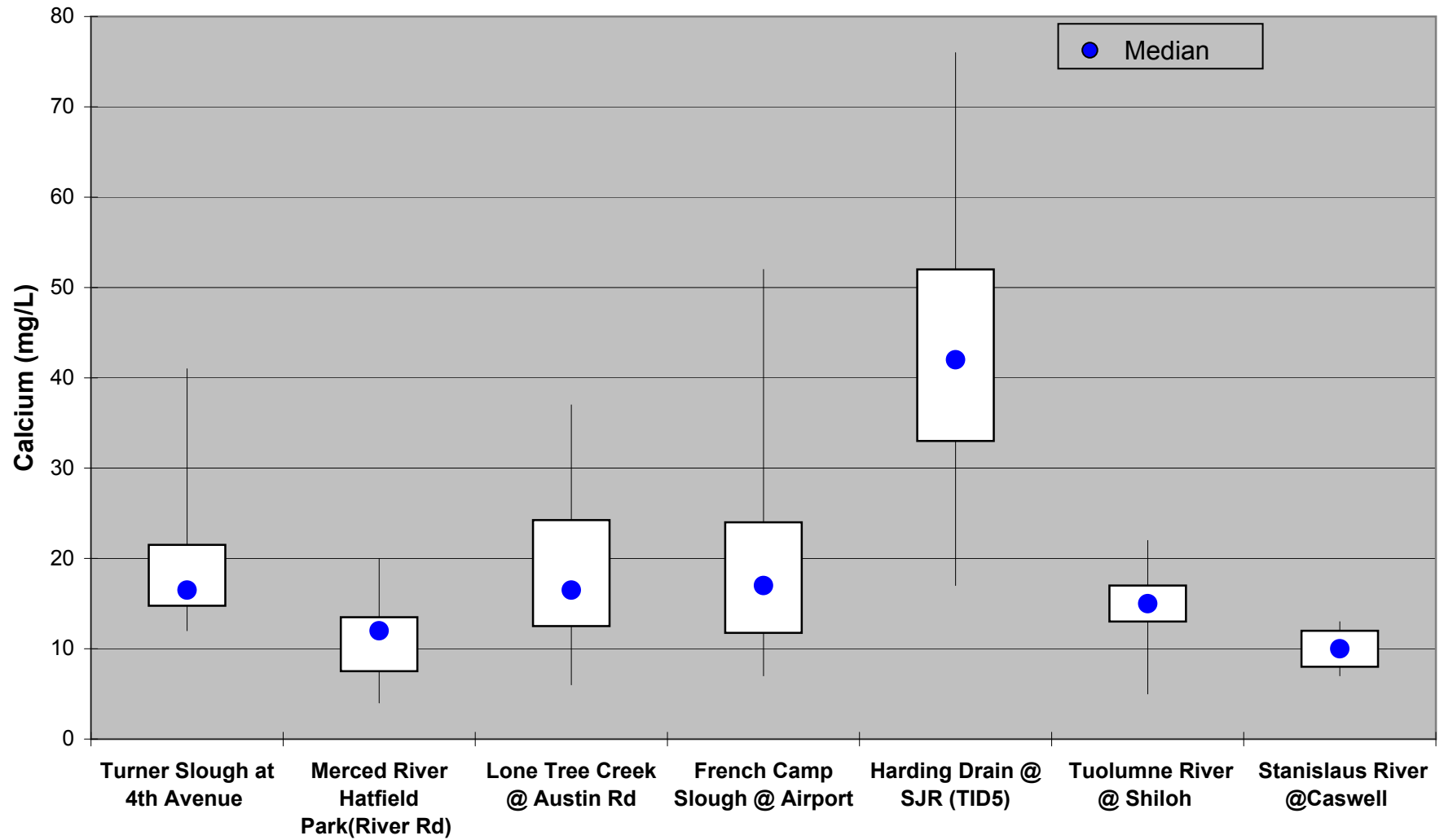
San Joaquin River Eastside Basin Sulfate WY01-WY03



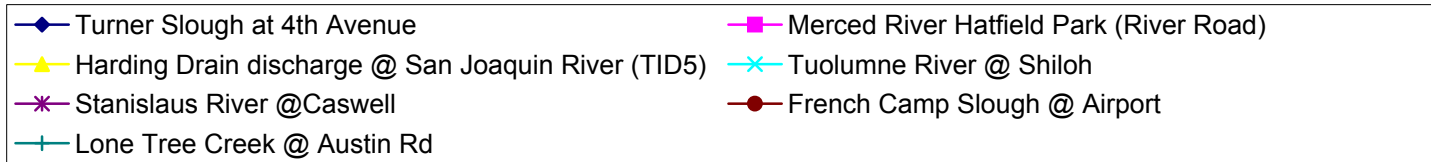
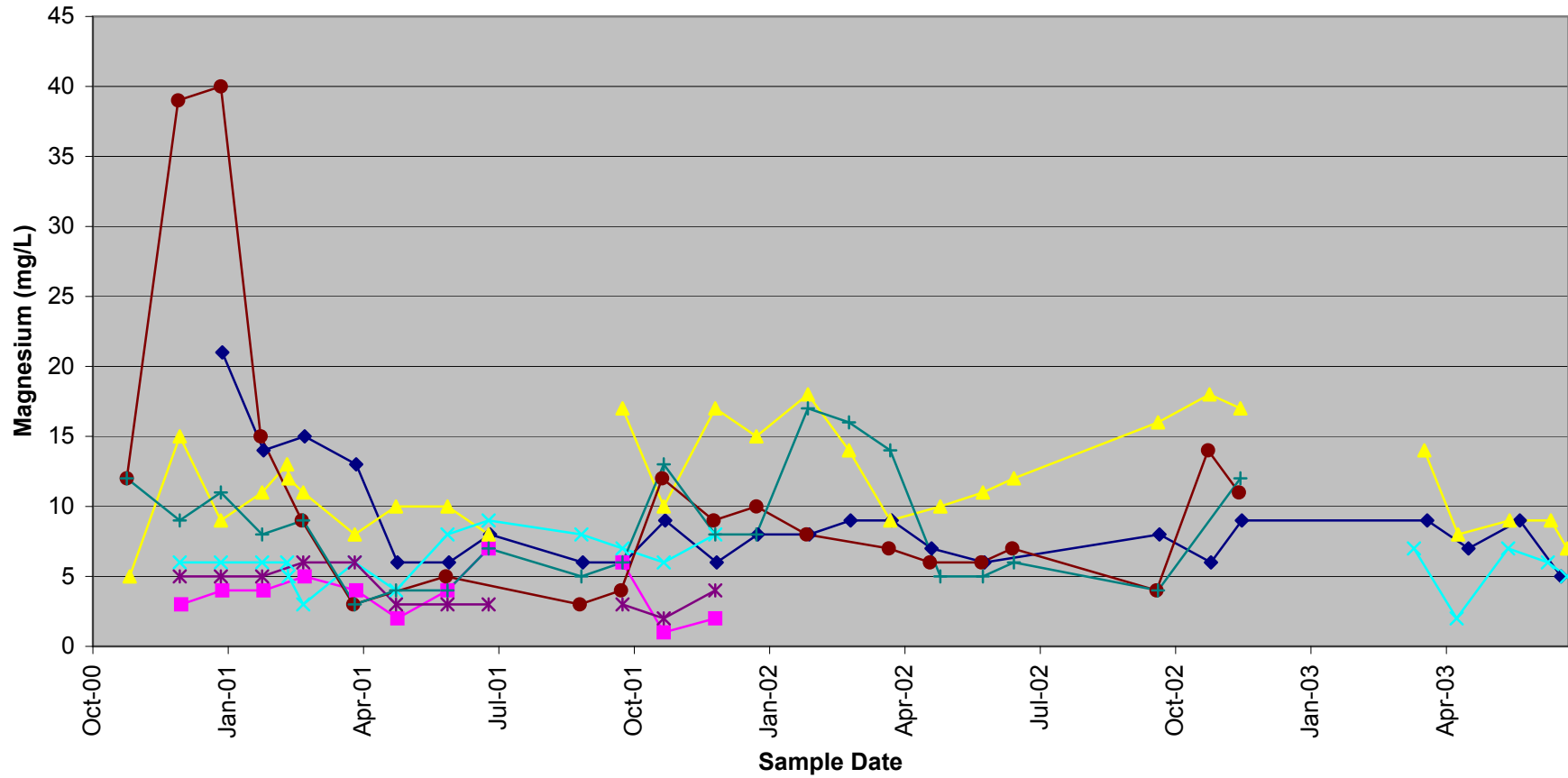
San Joaquin River East Side Basin Calcium WY01-WY03



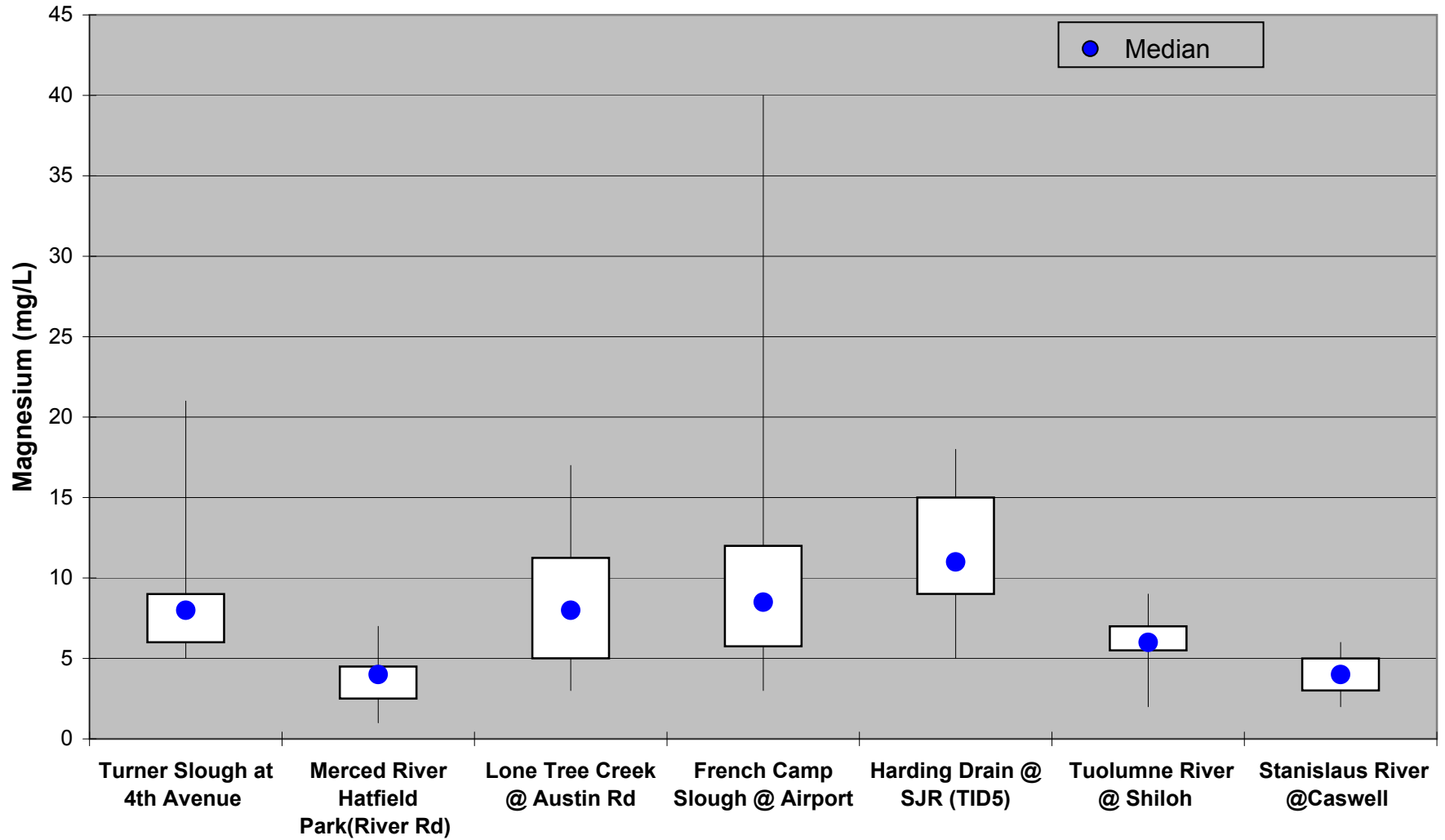
San Joaquin River Eastside Basin Calcium WY01-WY03



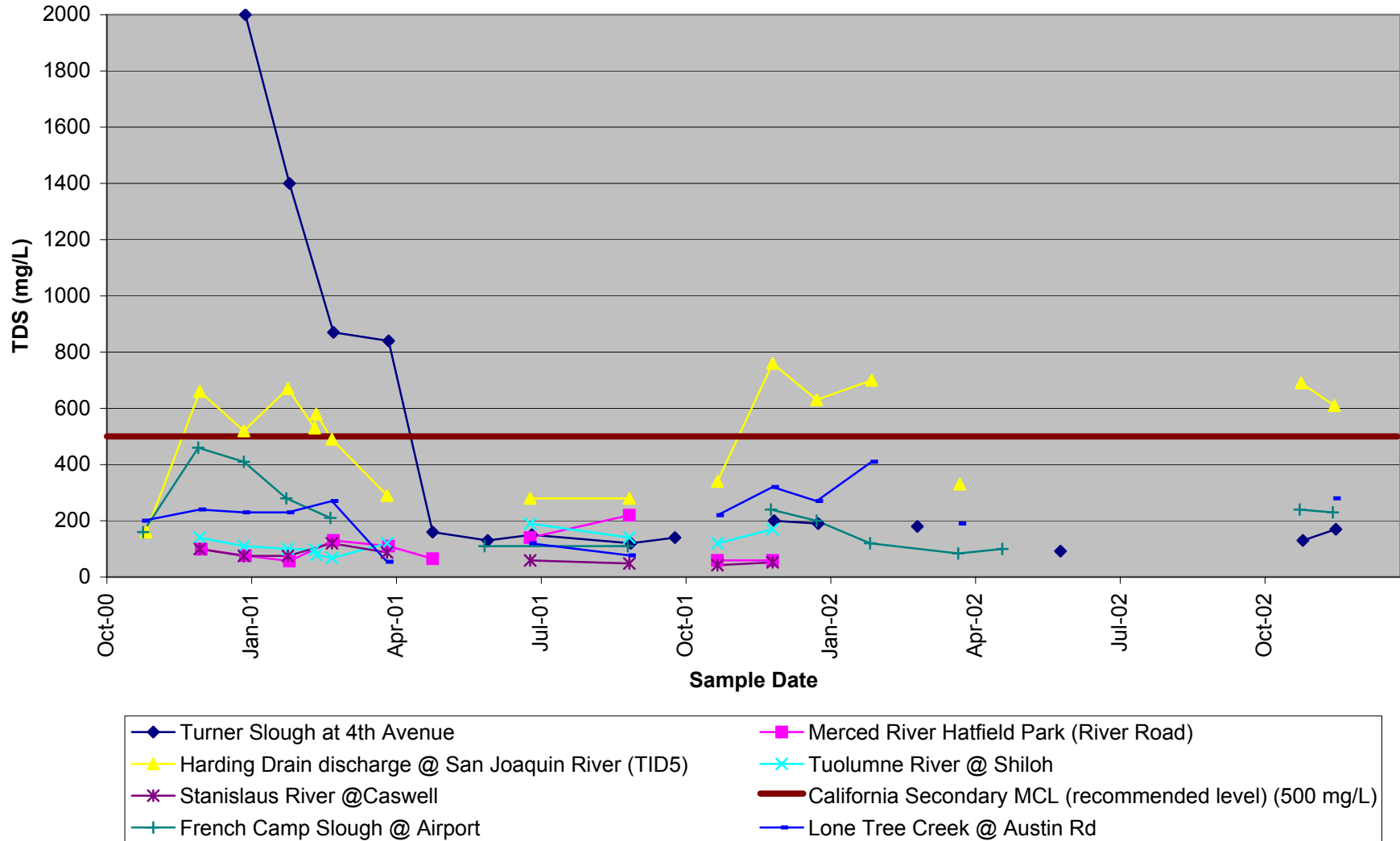
San Joaquin River East Side Basin Magnesium WY01-WY03



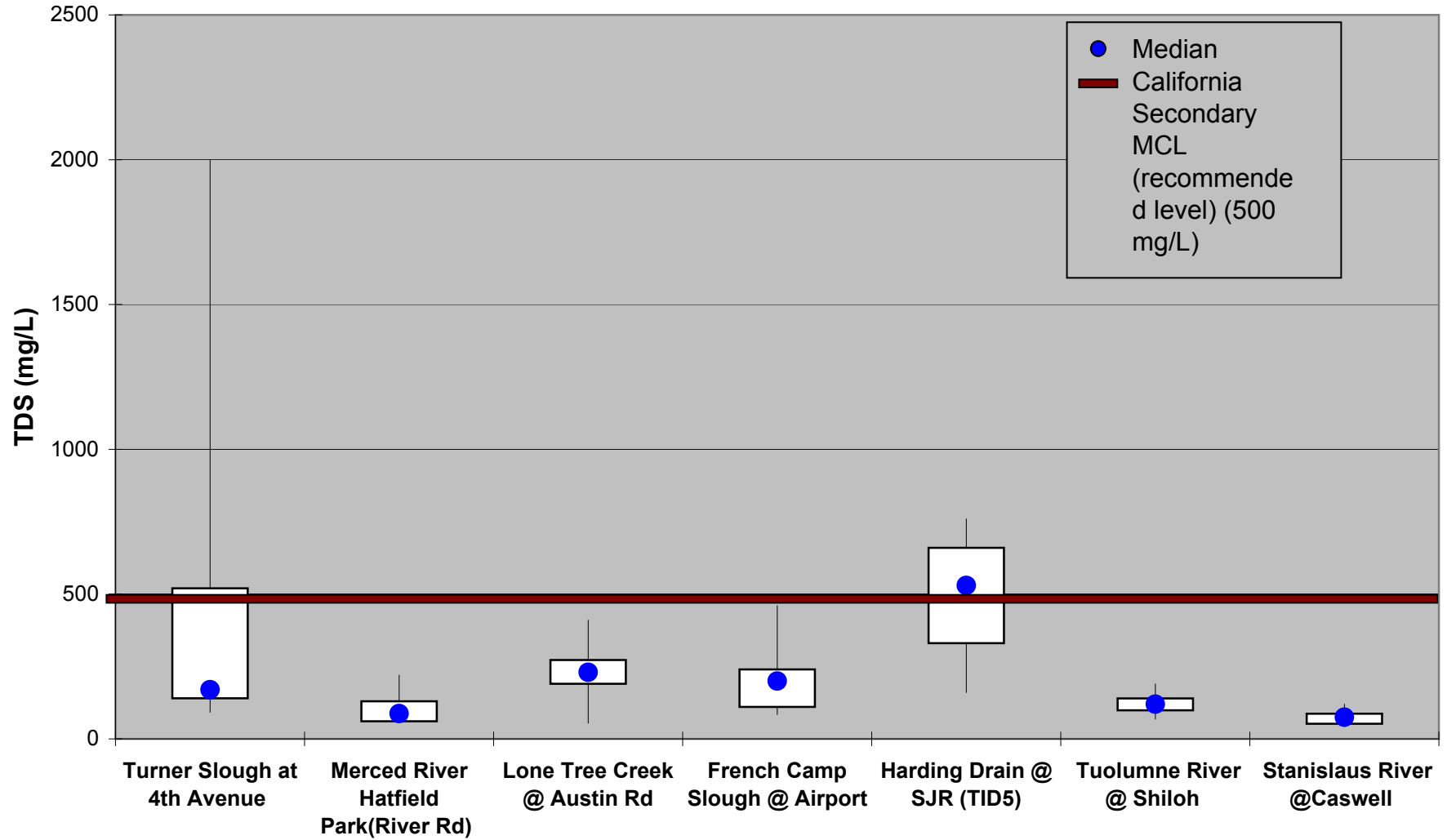
San Joaquin River Eastside Basin Magnesium WY01-WY03



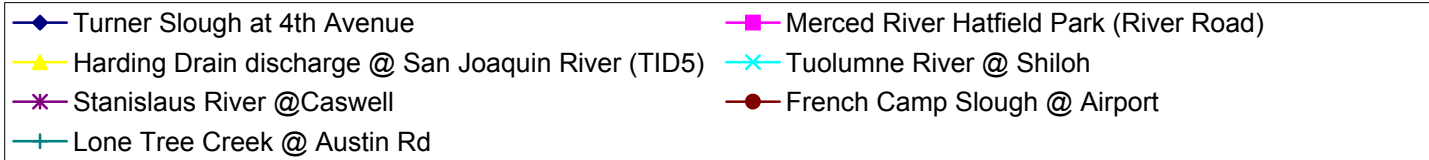
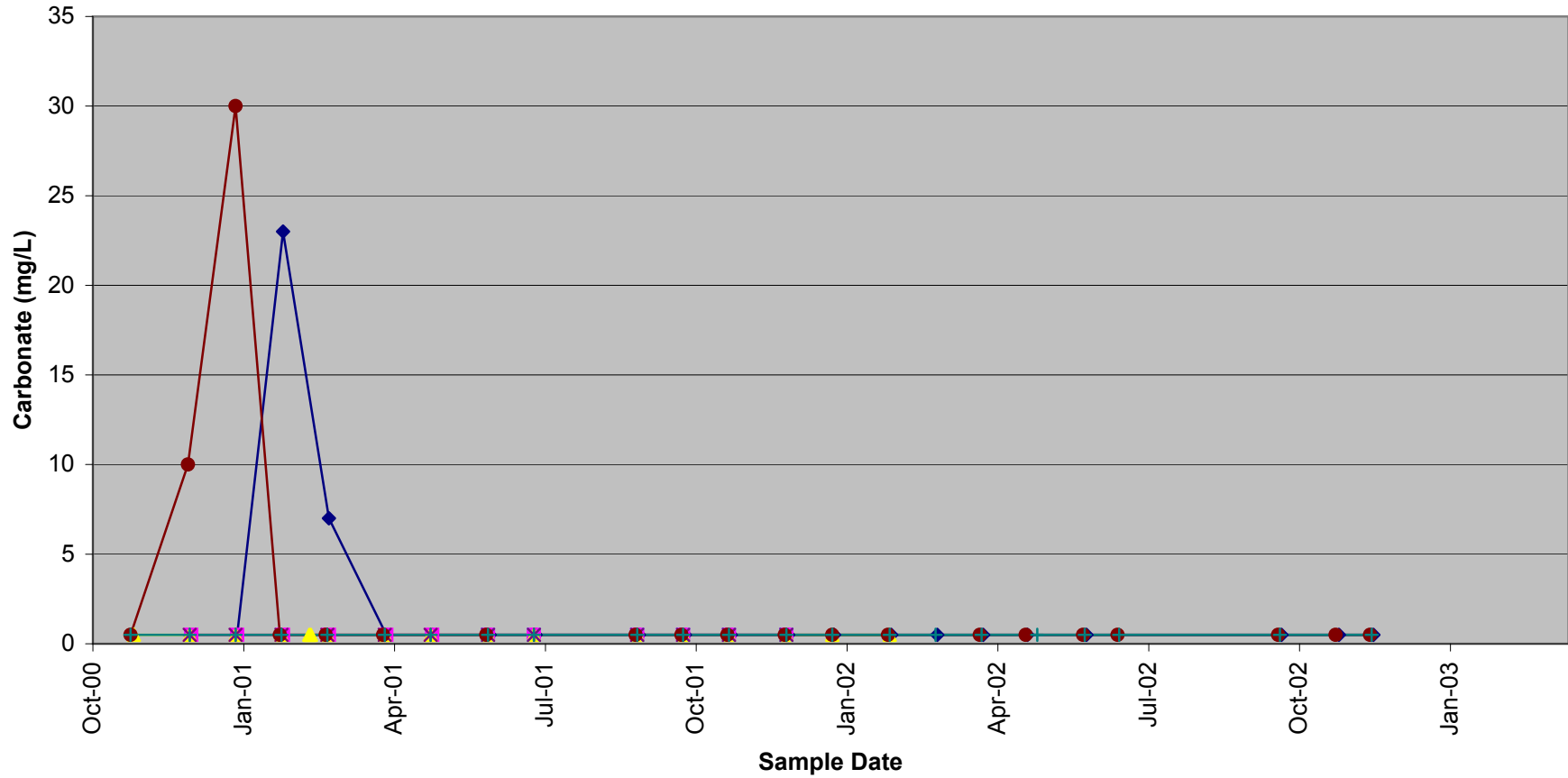
San Joaquin River East Side Basin Total Dissolved Solids WY01-WY03



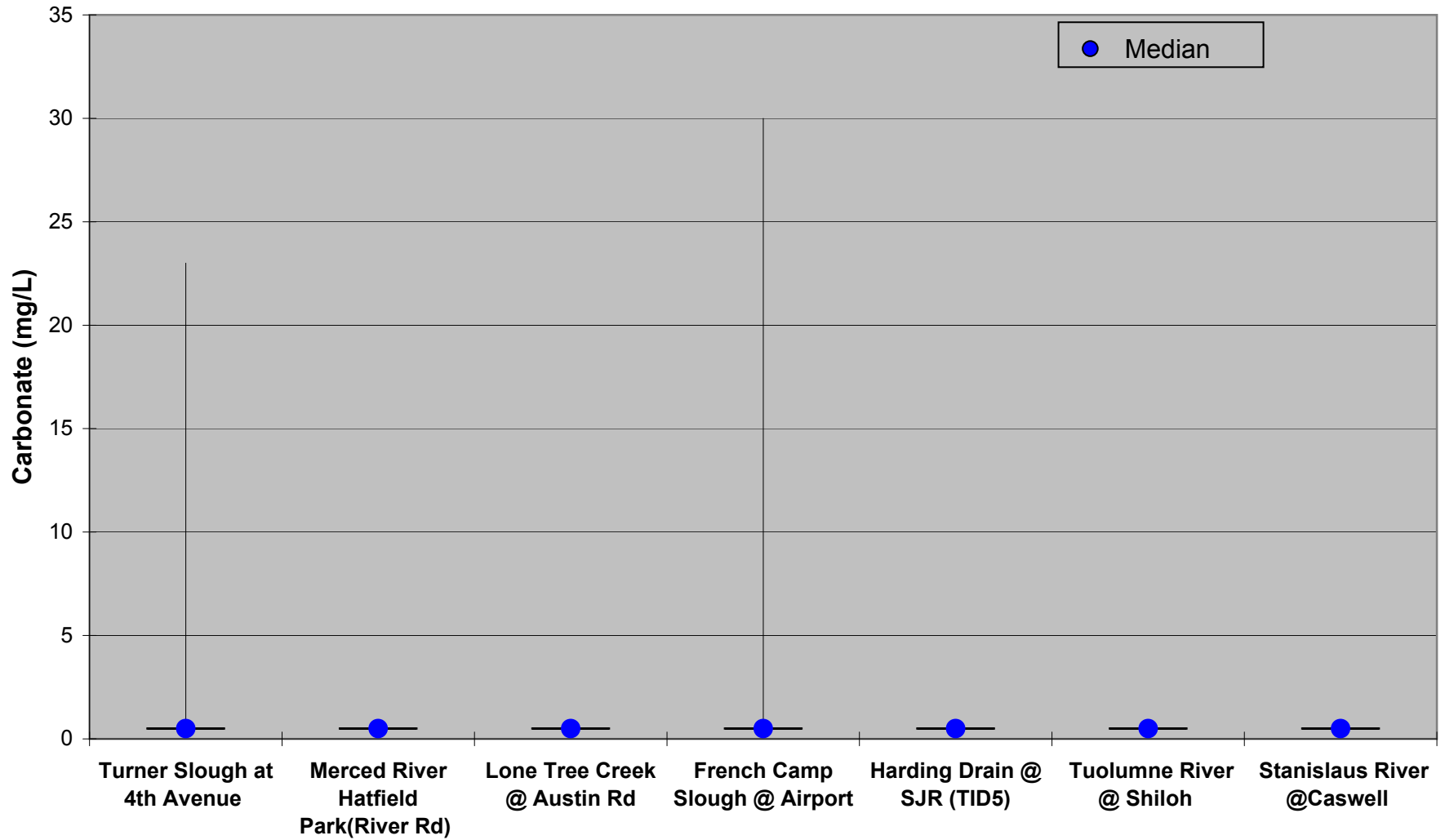
San Joaquin River Eastside Basin Total Dissolved Solids WY01-WY03



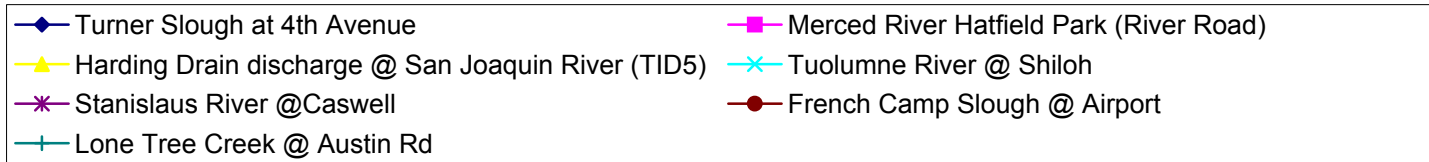
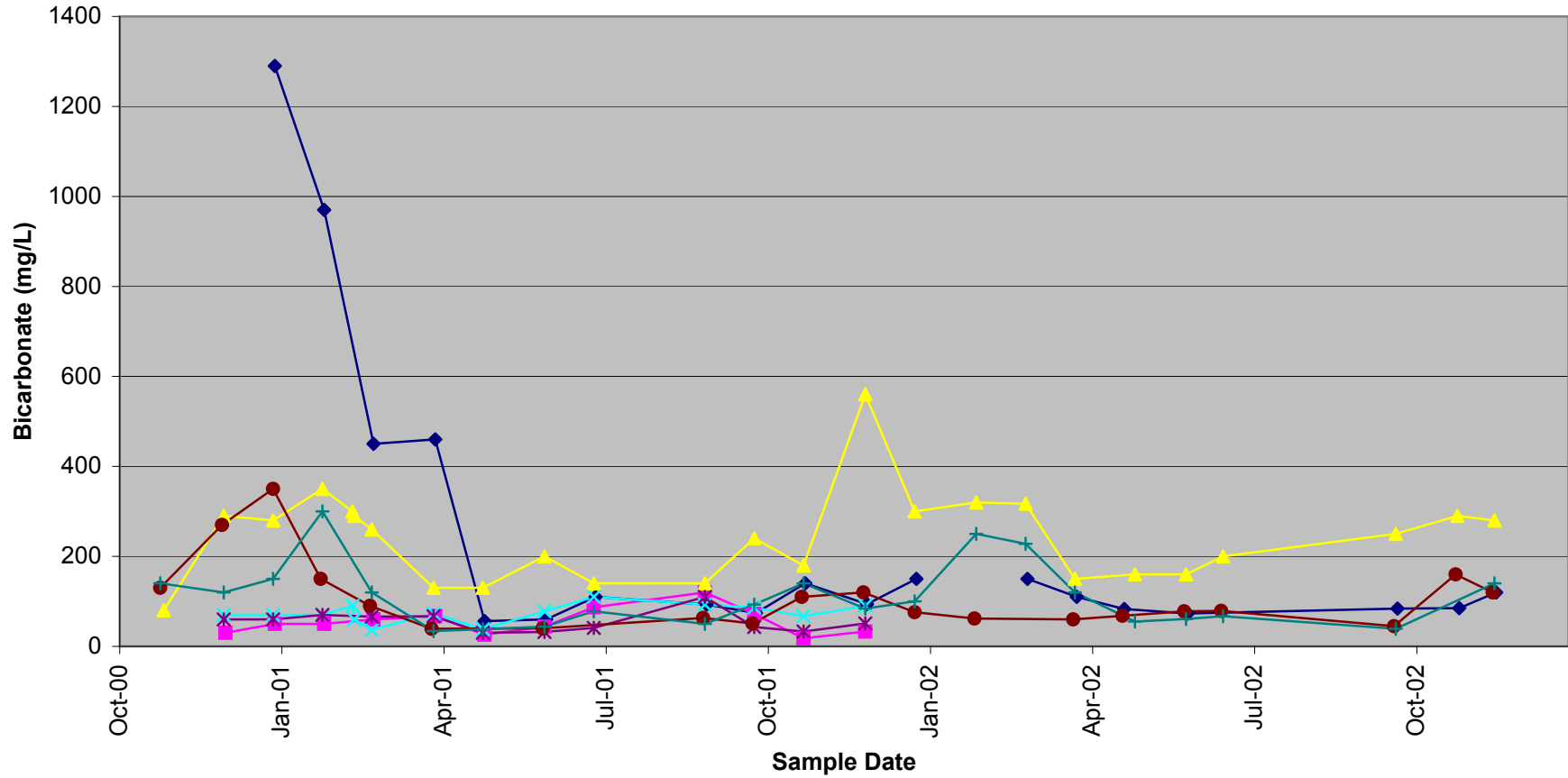
San Joaquin River East Side Basin Carbonate WY01-WY03



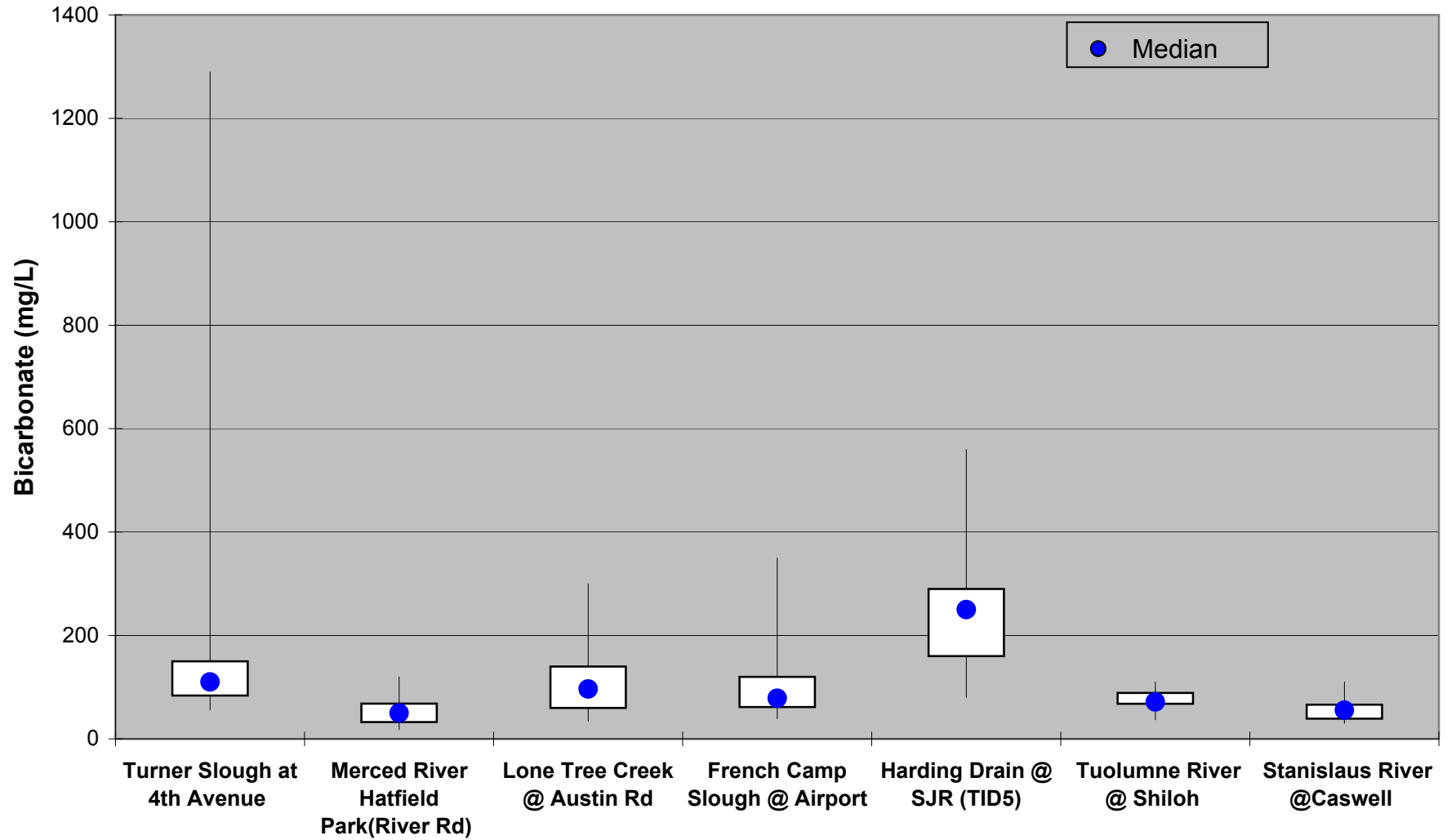
San Joaquin River Eastside Basin Carbonate WY01-WY03



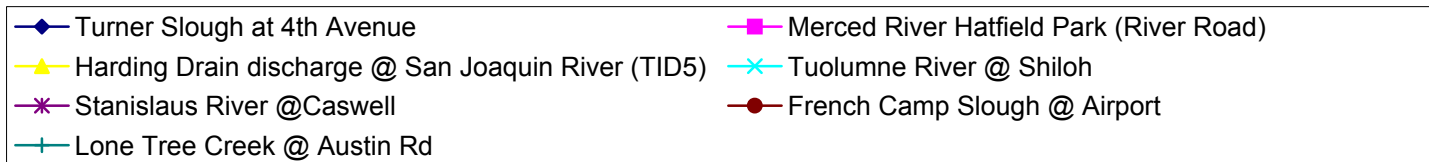
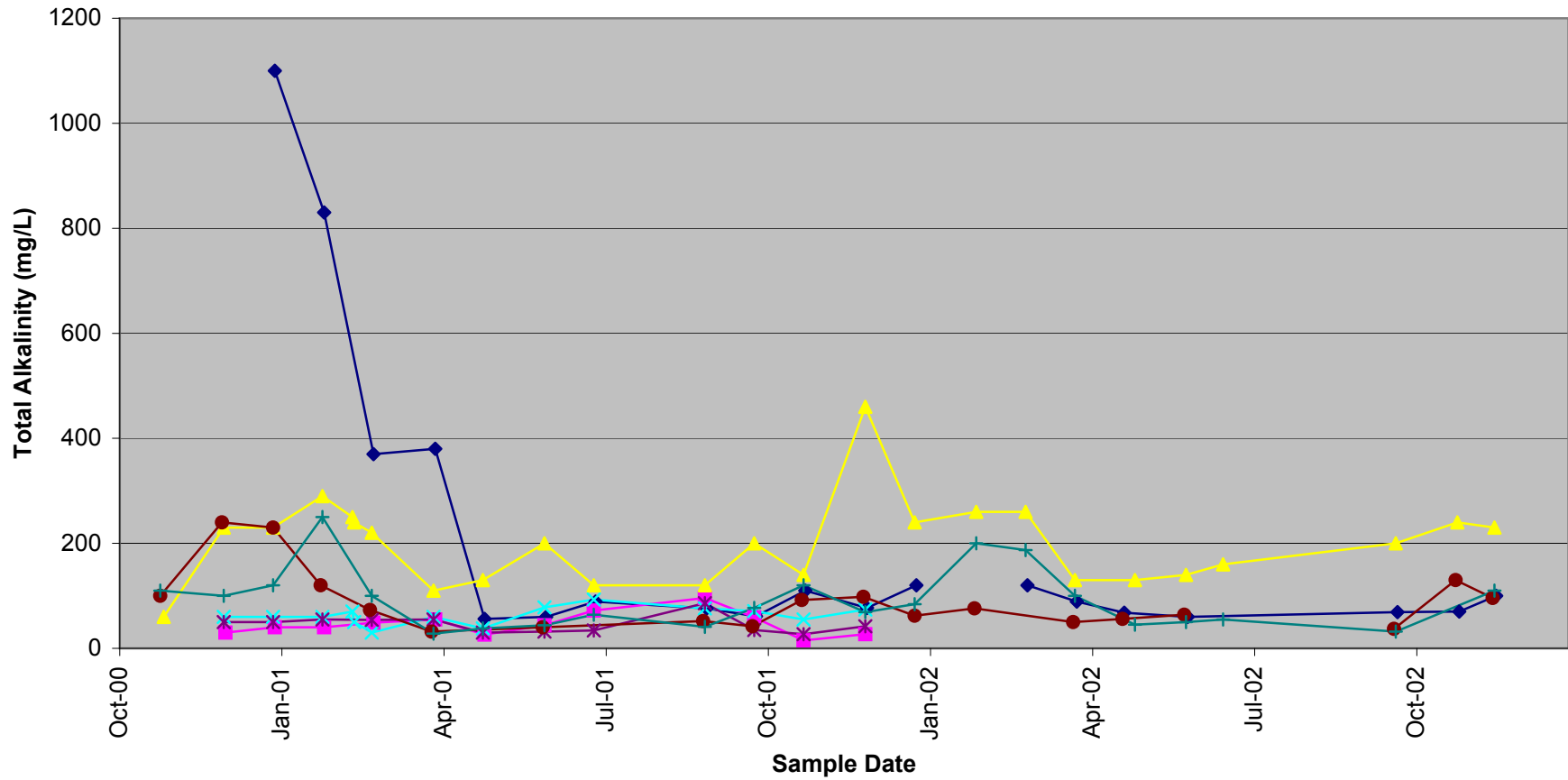
San Joaquin River East Side Basin Bicarbonate WY01-WY03



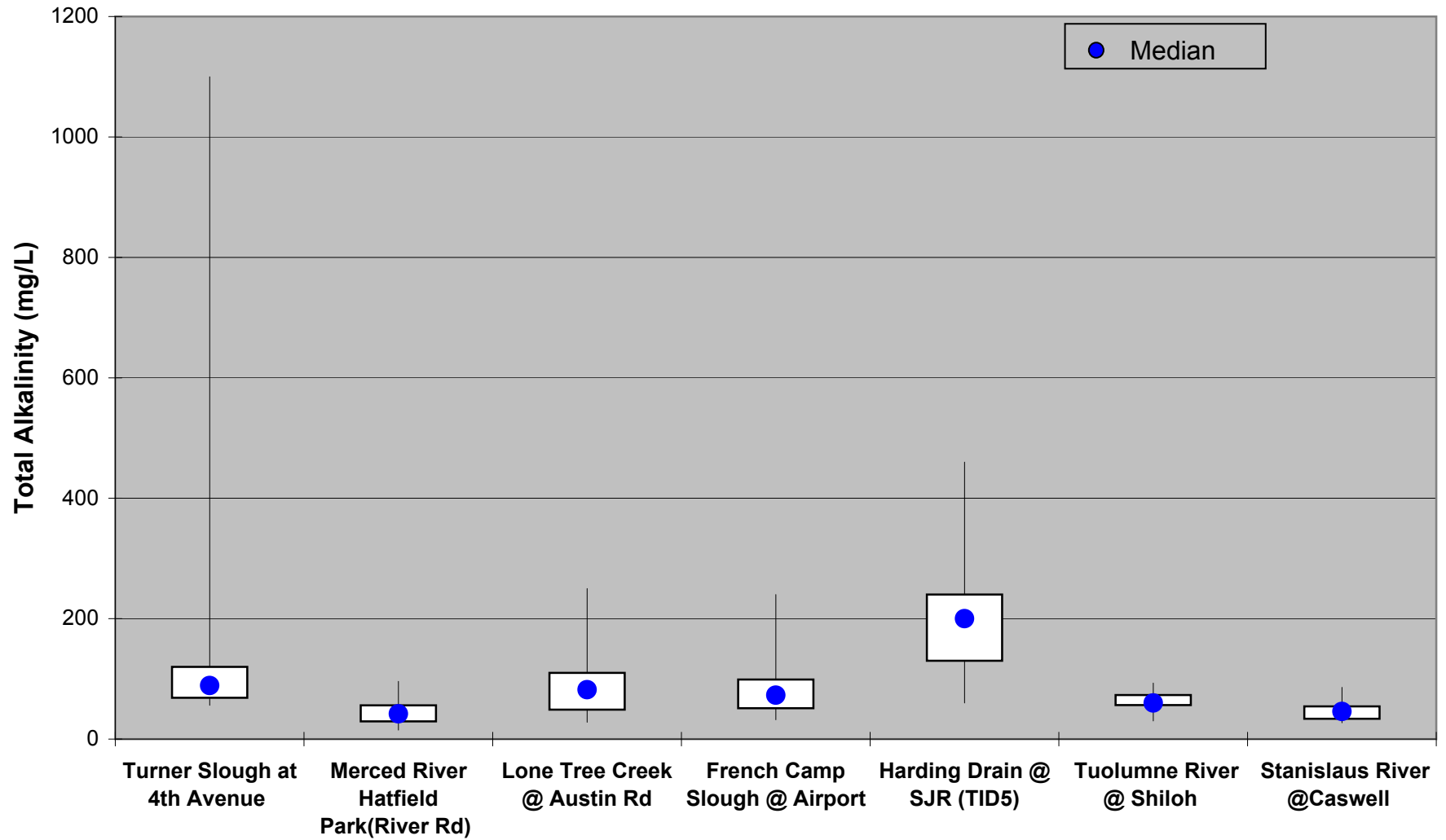
San Joaquin River Eastside Basin Bicarbonate WY01-WY03



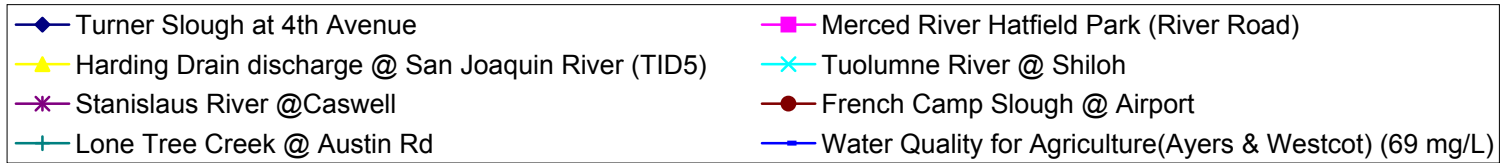
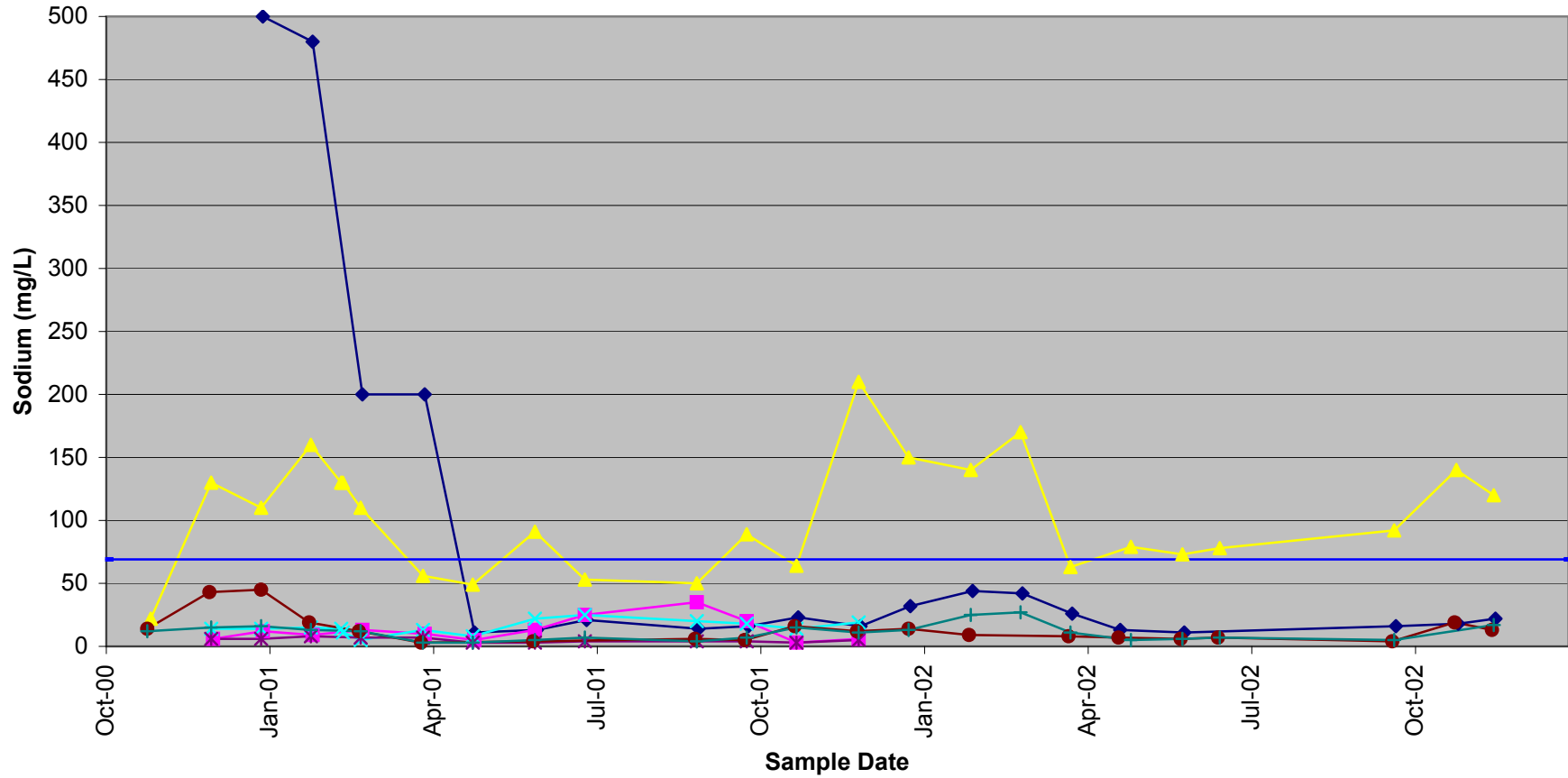
San Joaquin River East Side Basin Total Alkalinity WY01-WY03



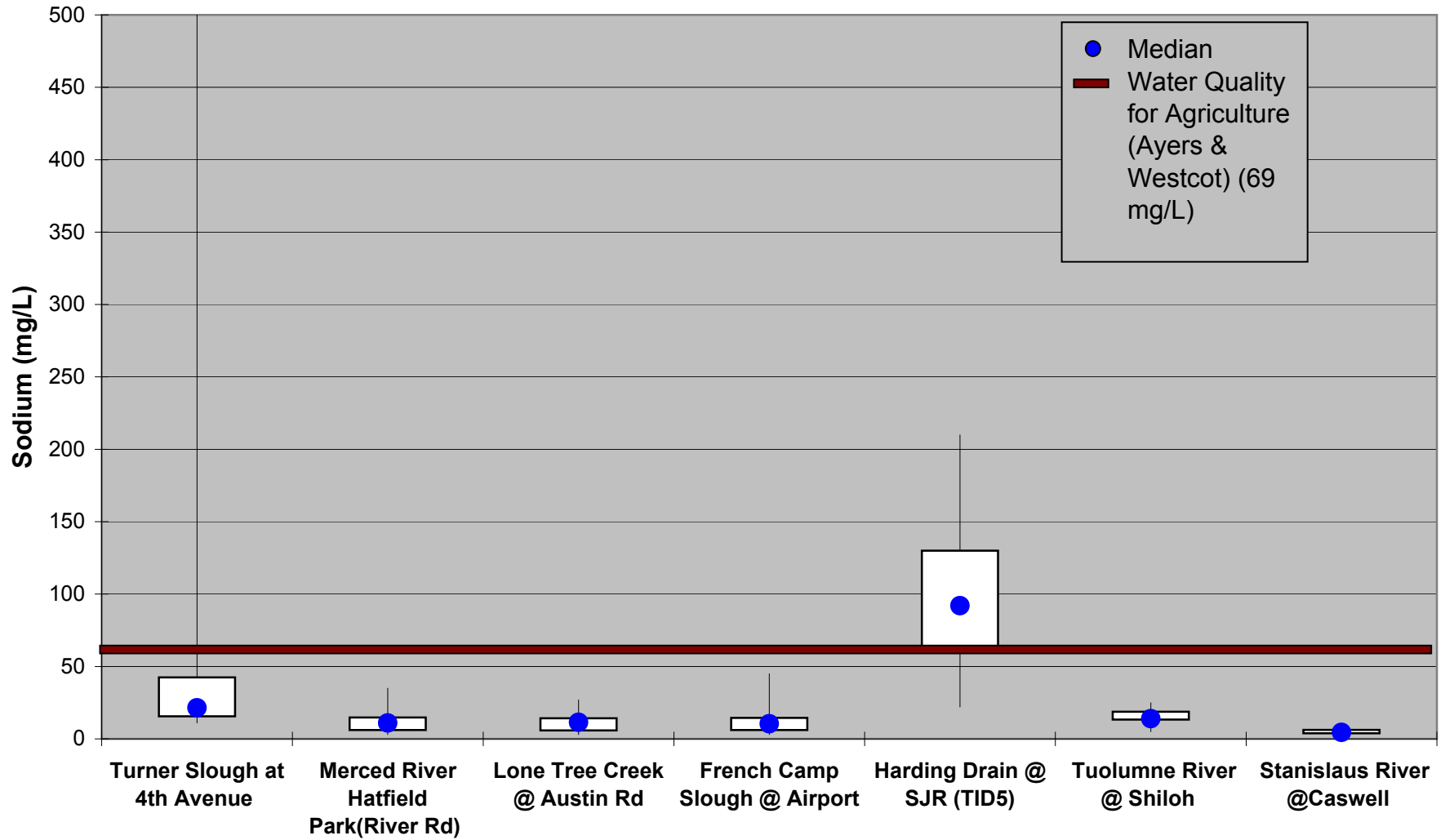
San Joaquin River Eastside Basin Total Alkalinity WY01-WY03



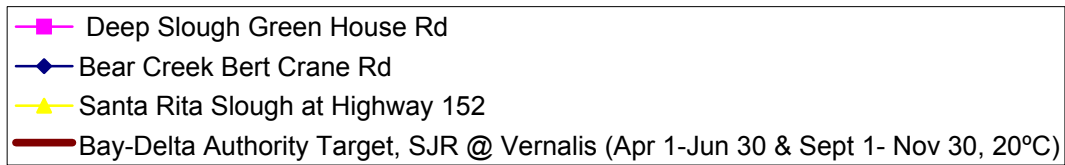
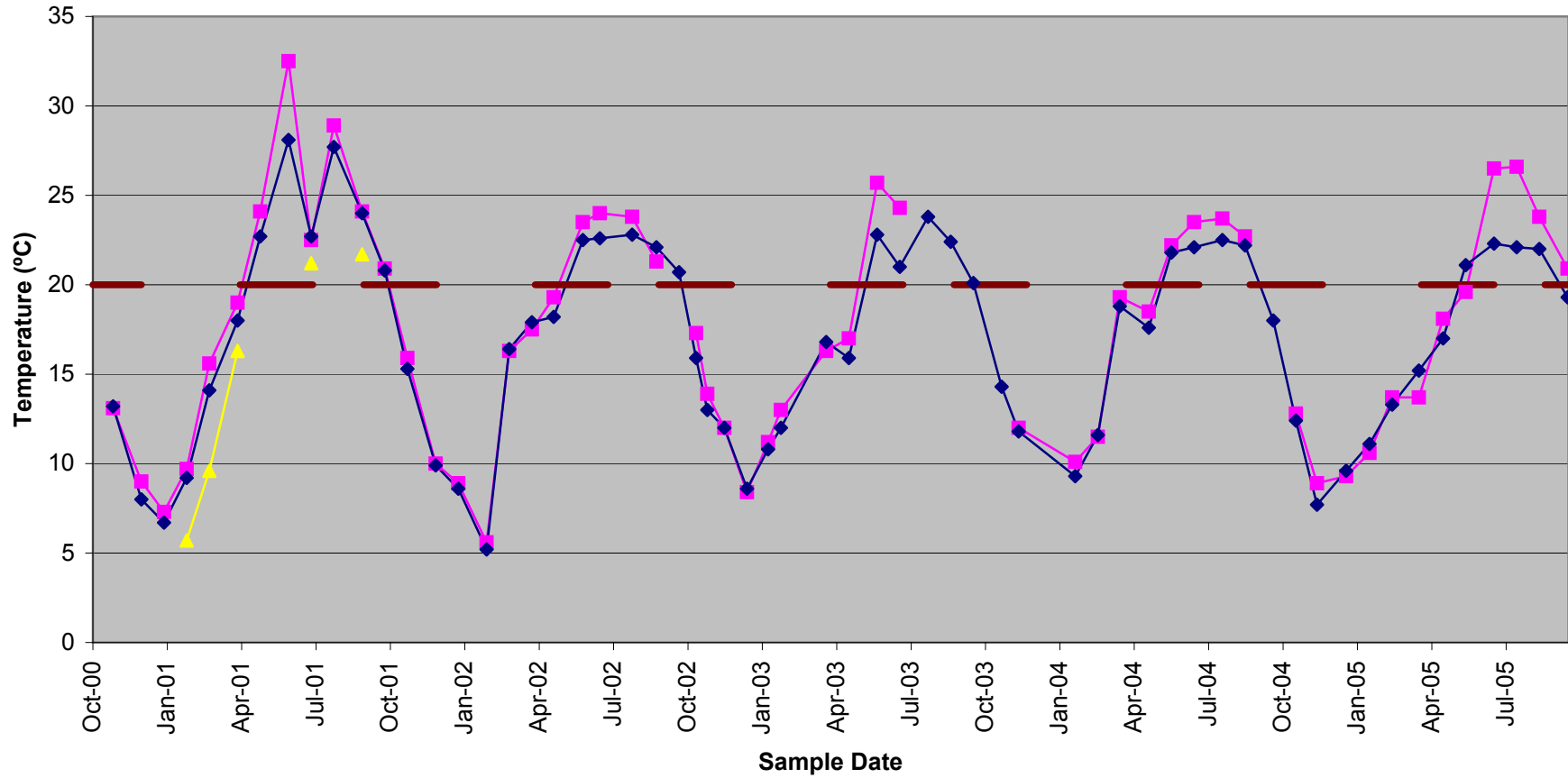
San Joaquin River East Side Basin Sodium WY01-WY03



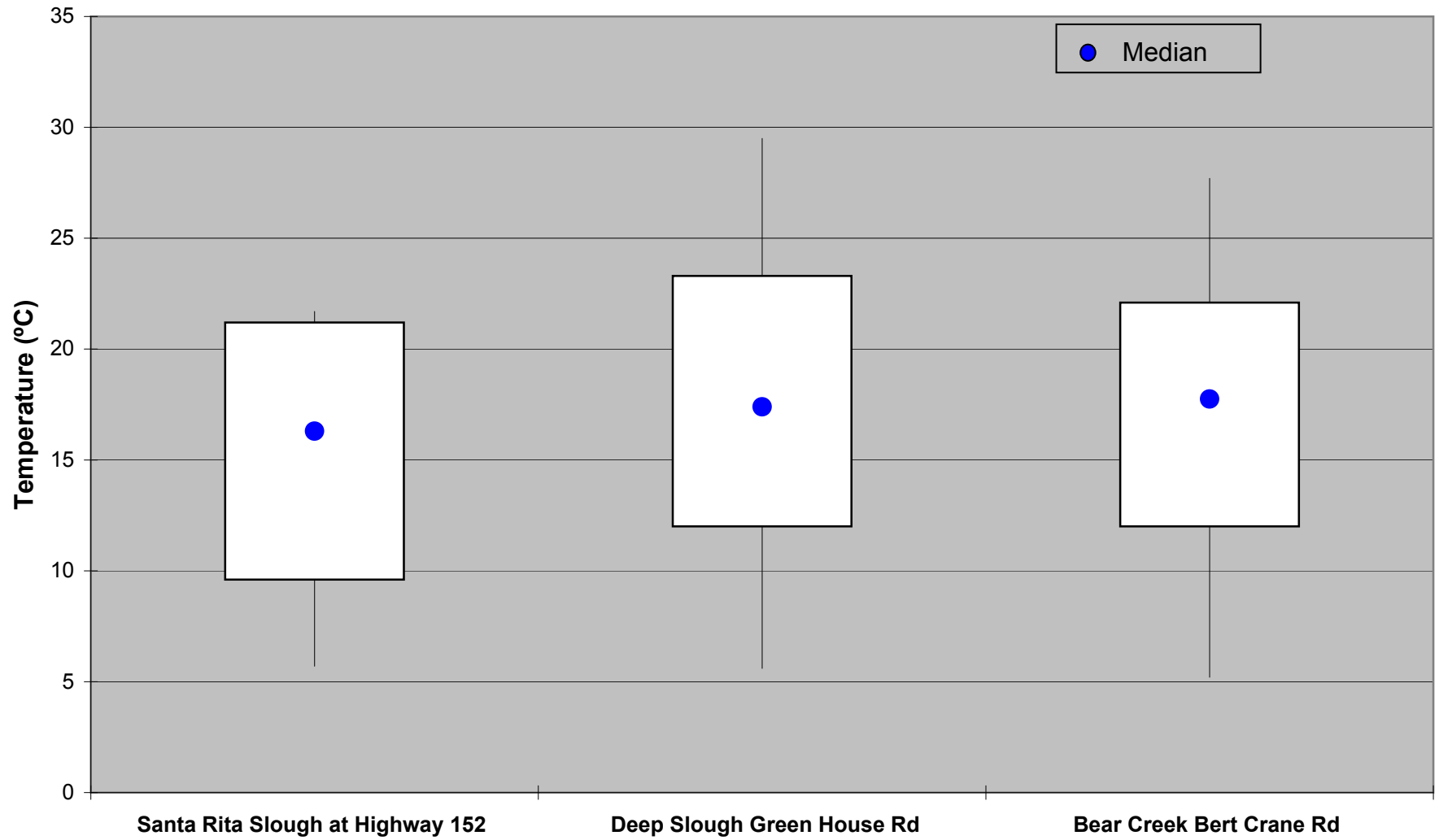
San Joaquin River Eastside Basin Sodium WY01-WY03



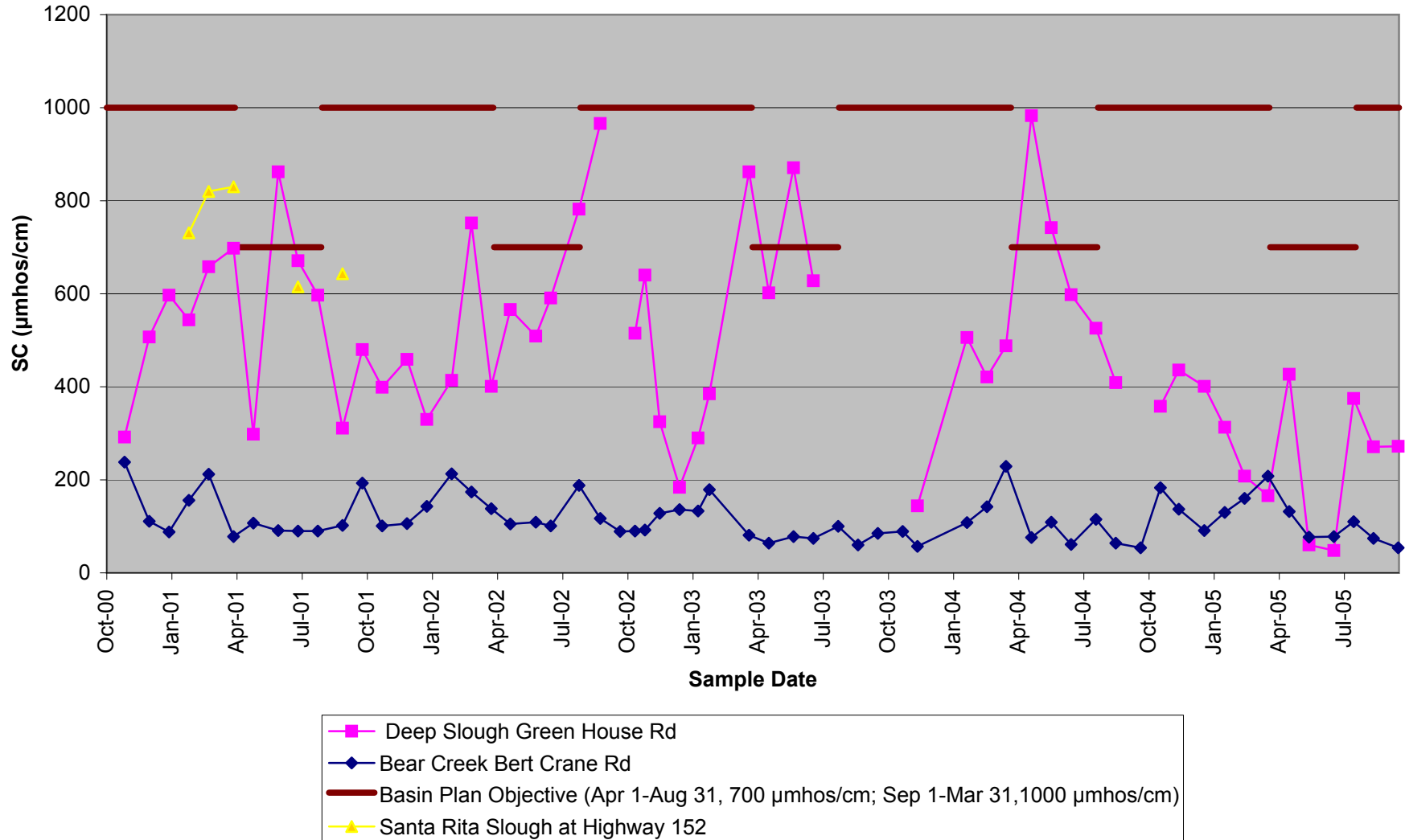
San Joaquin River Southeast Basin Temperature WY01-WY05



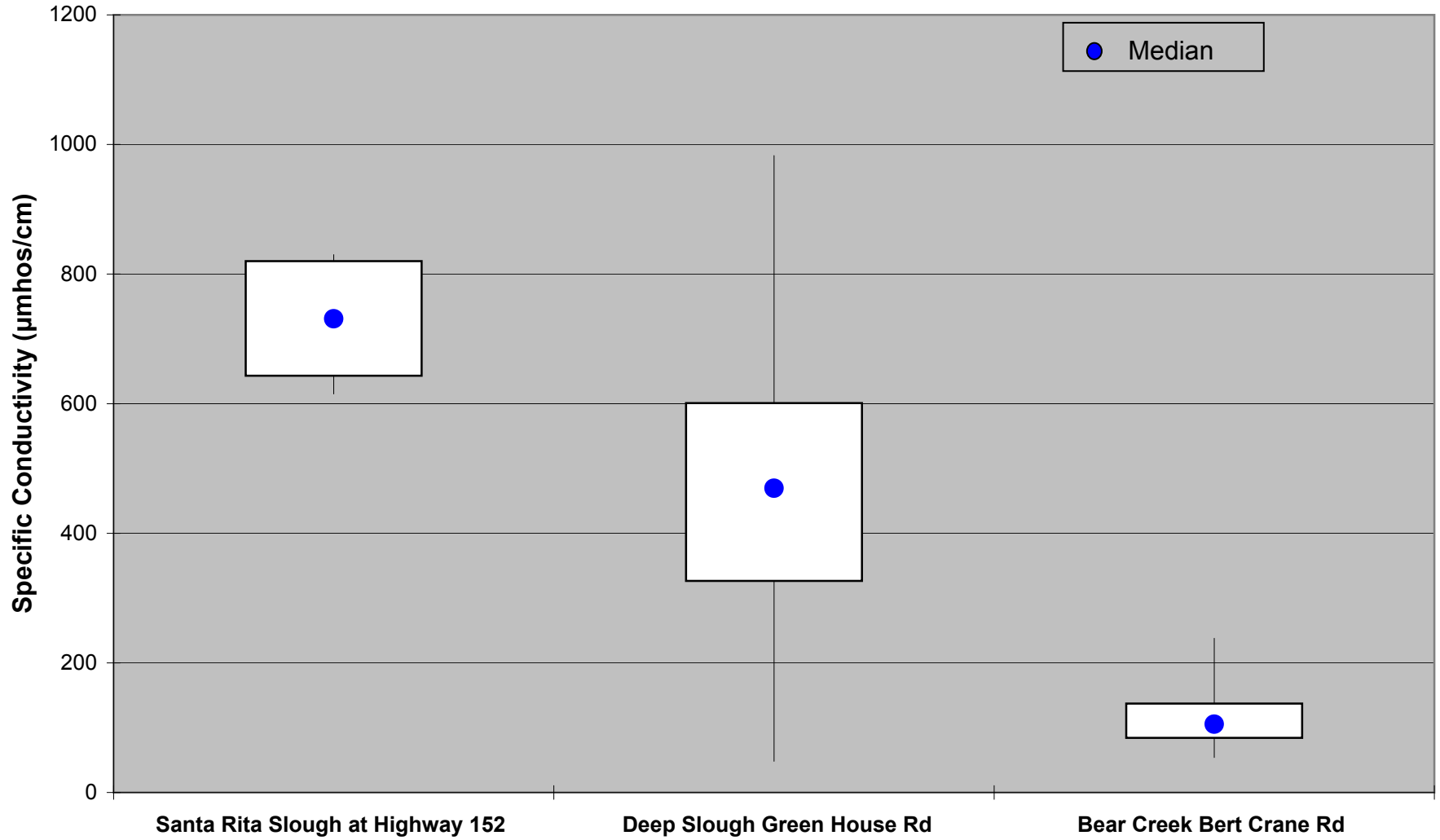
San Joaquin River Southeast Basin Temperature WY01- WY05



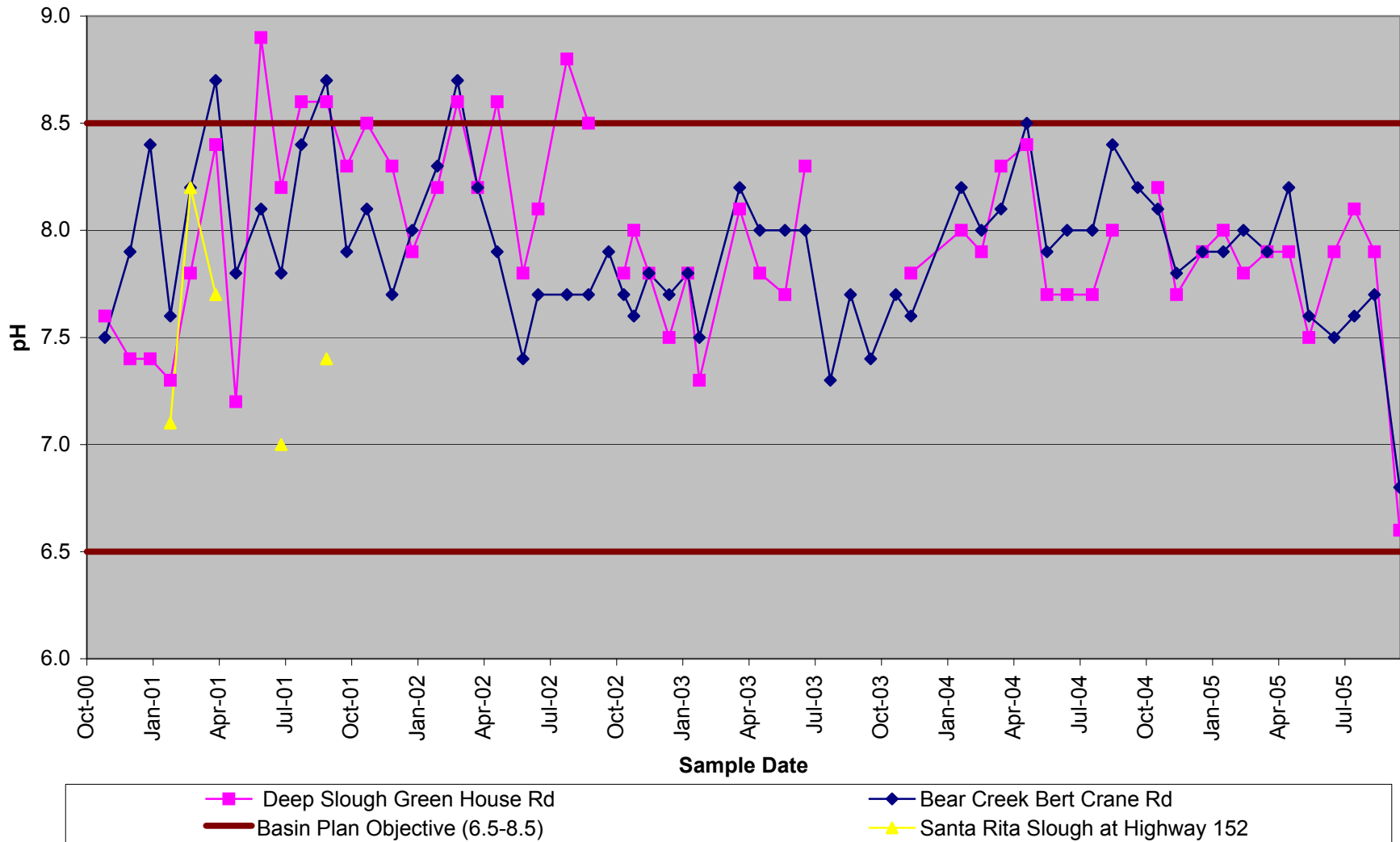
San Joaquin River Southeast Basin Specific Conductivity WY01-WY05



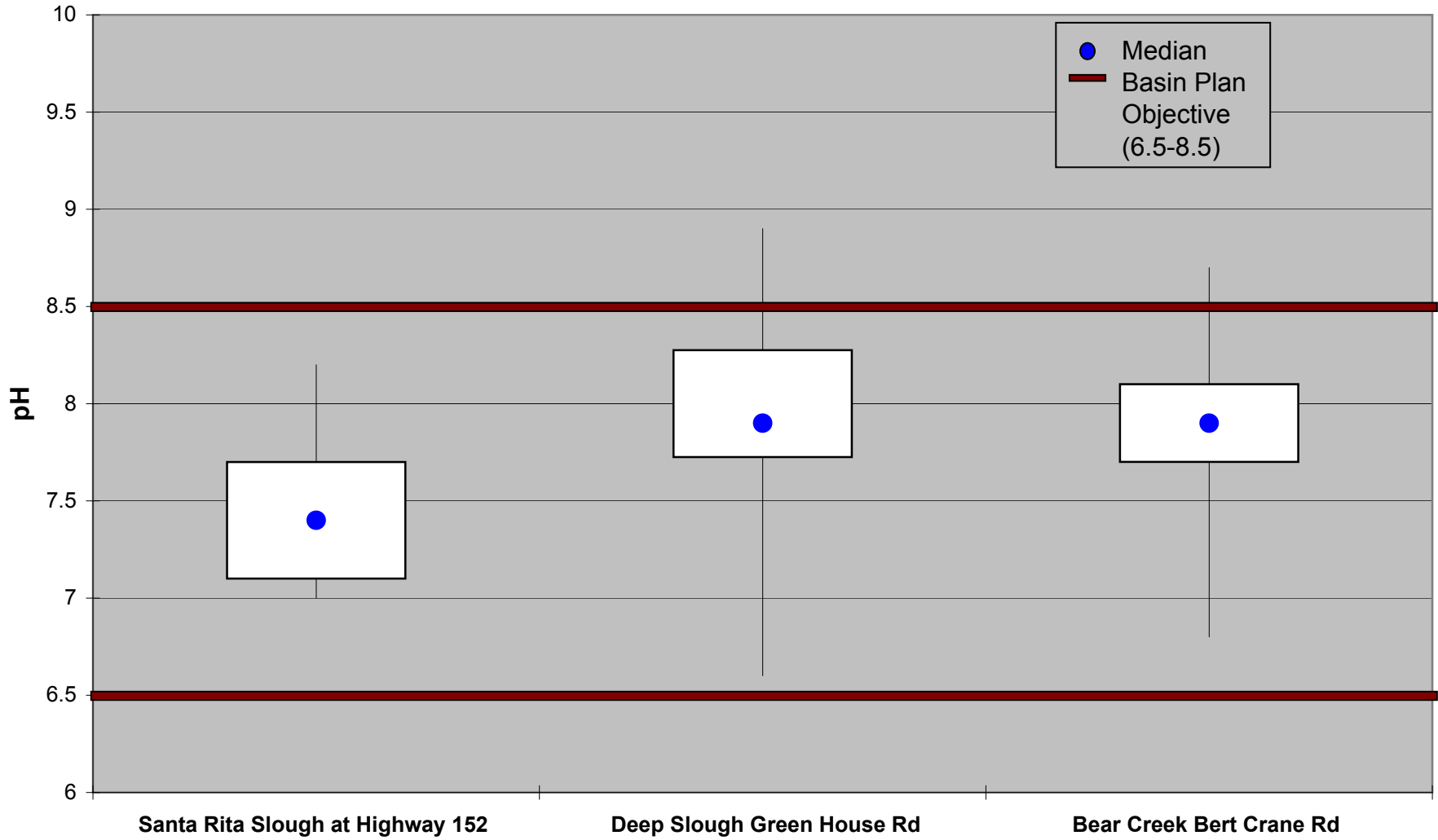
San Joaquin River Southeast Basin Specific Conductivity WY01- WY05



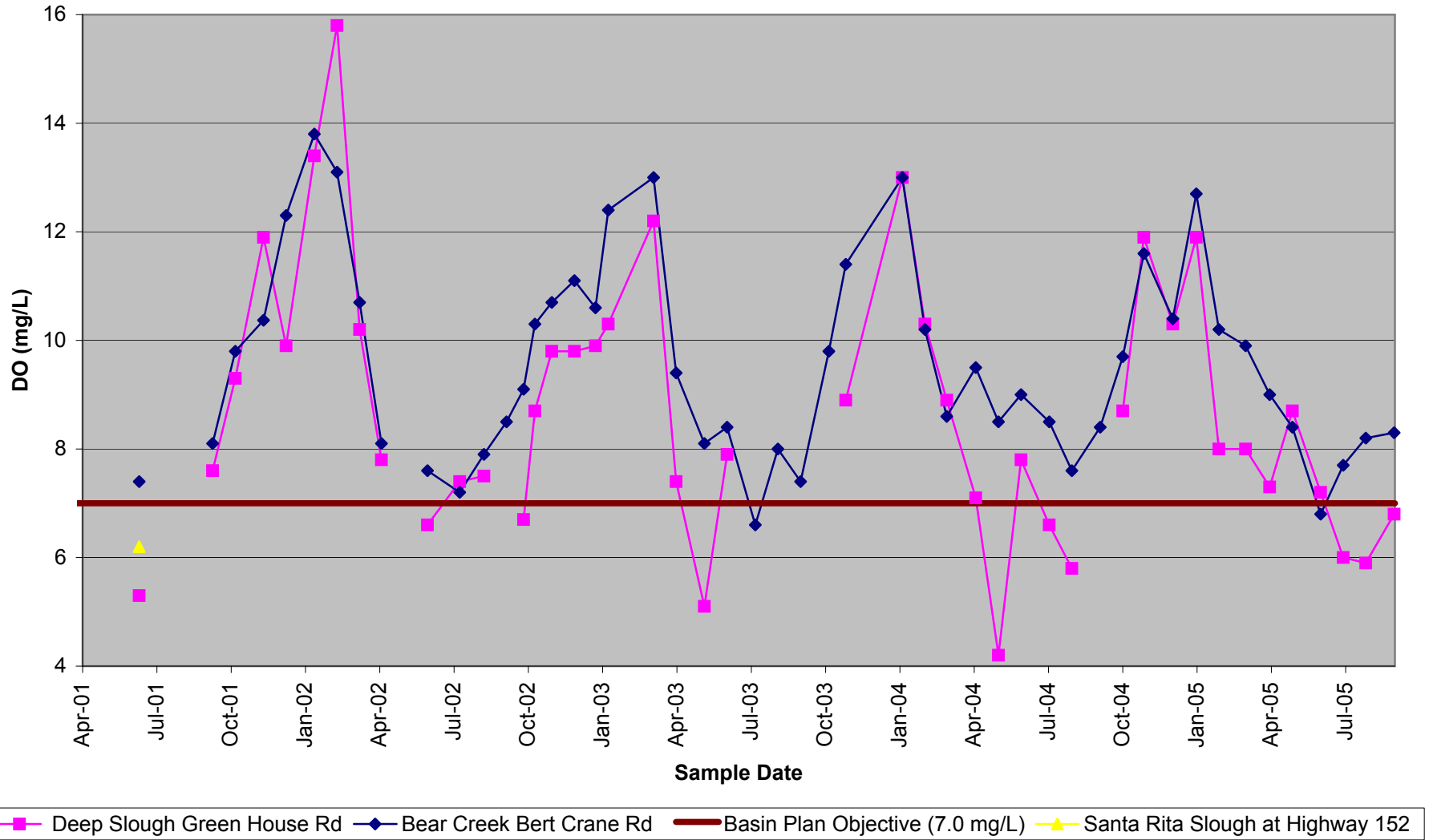
San Joaquin River Southeast Basin pH WY01-WY05



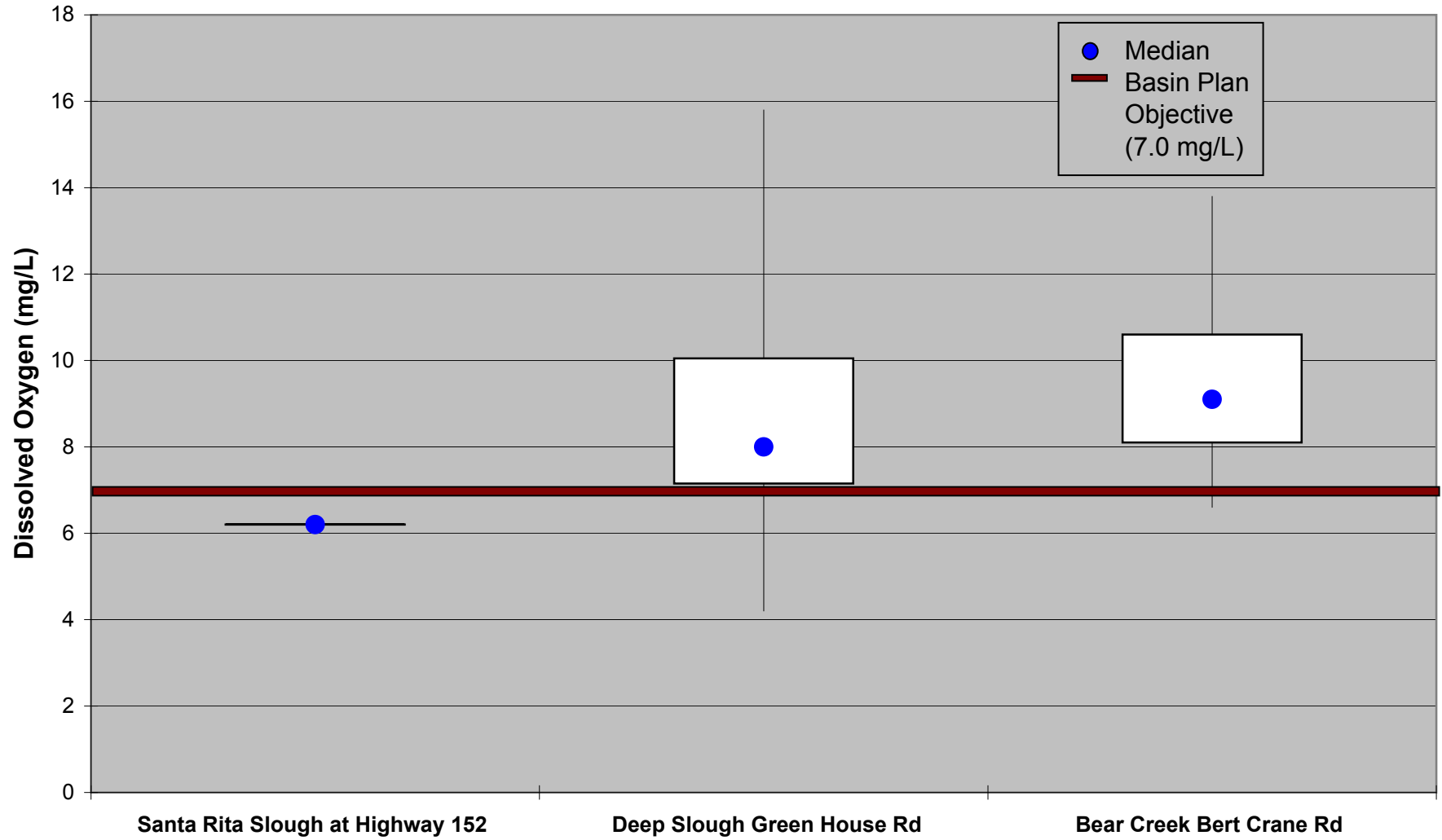
San Joaquin River Southeast Basin pH WY01- WY05



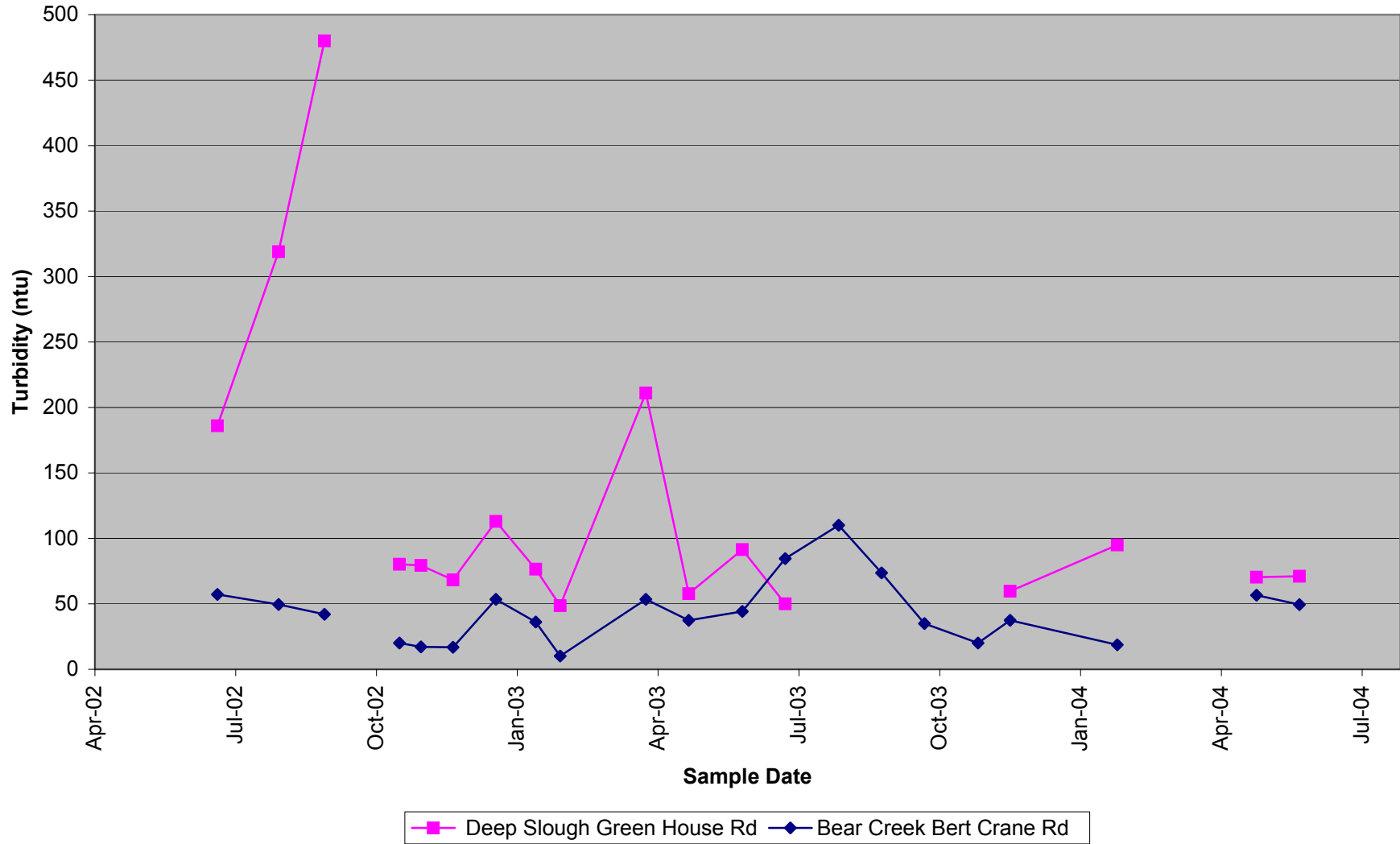
San Joaquin River Southeast Basin Dissolved Oxygen WY01-WY05



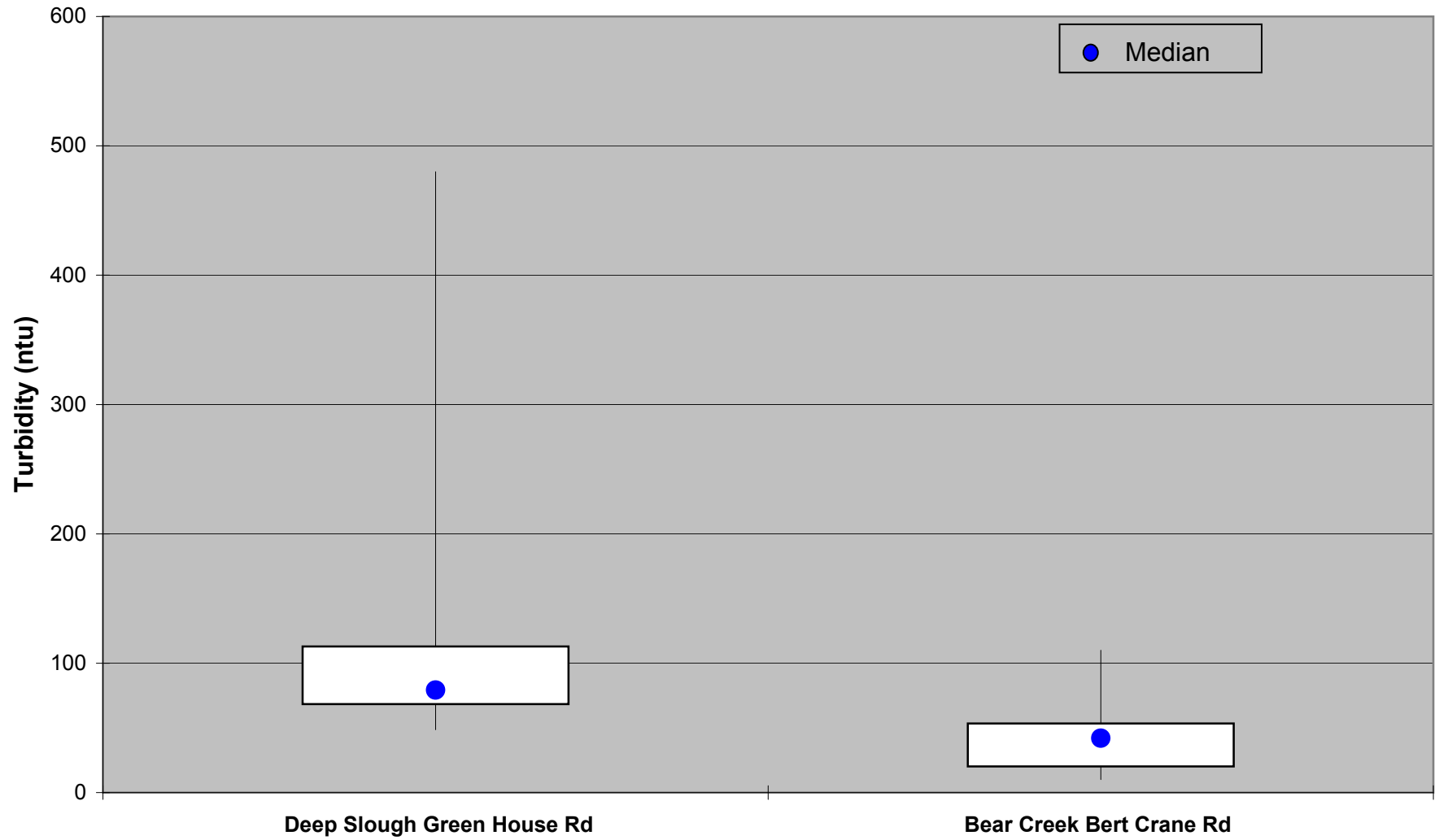
San Joaquin River Southeast Basin Dissolved Oxygen WY01- WY05



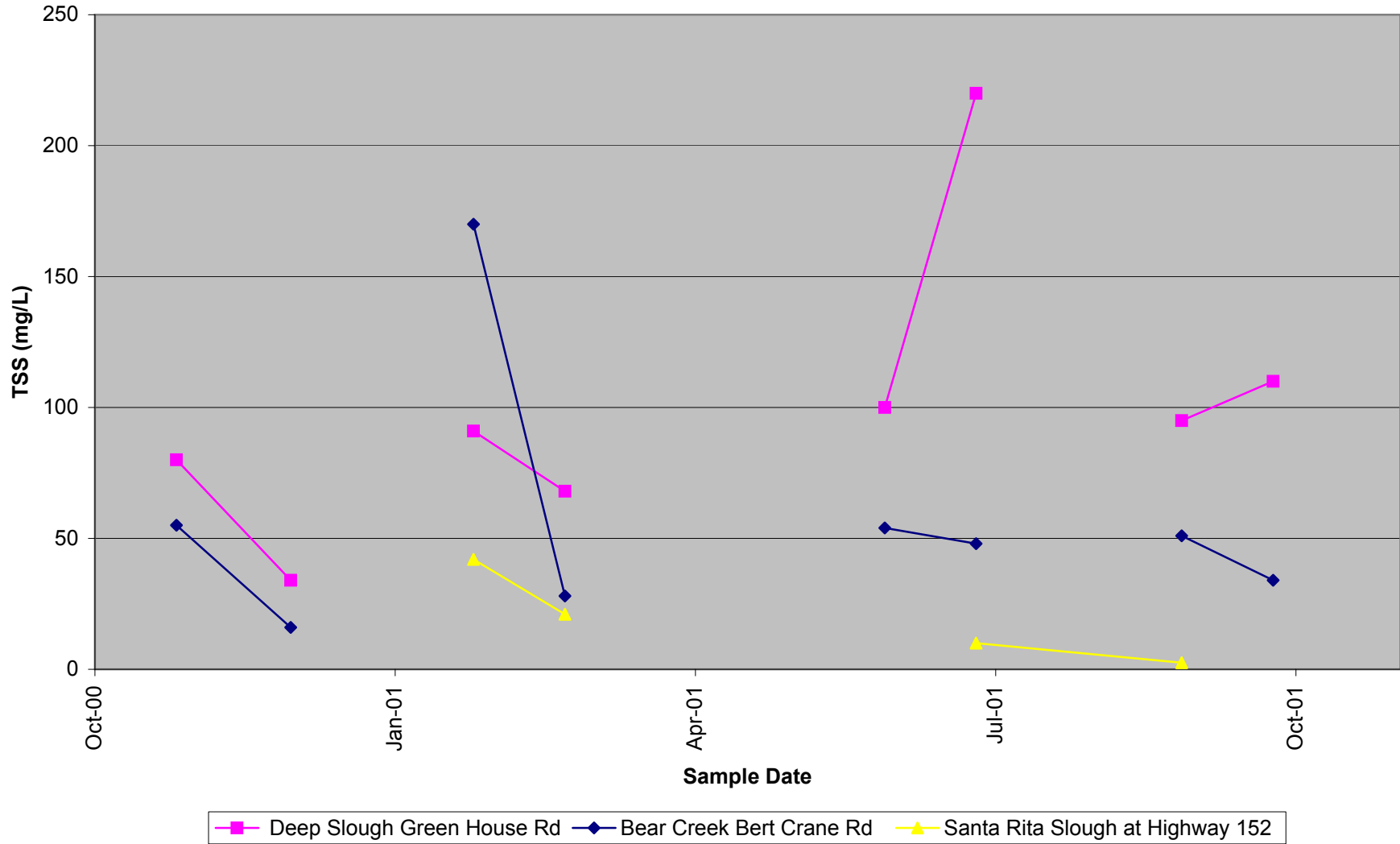
San Joaquin River Southeast Basin Turbidity WY02-WY04



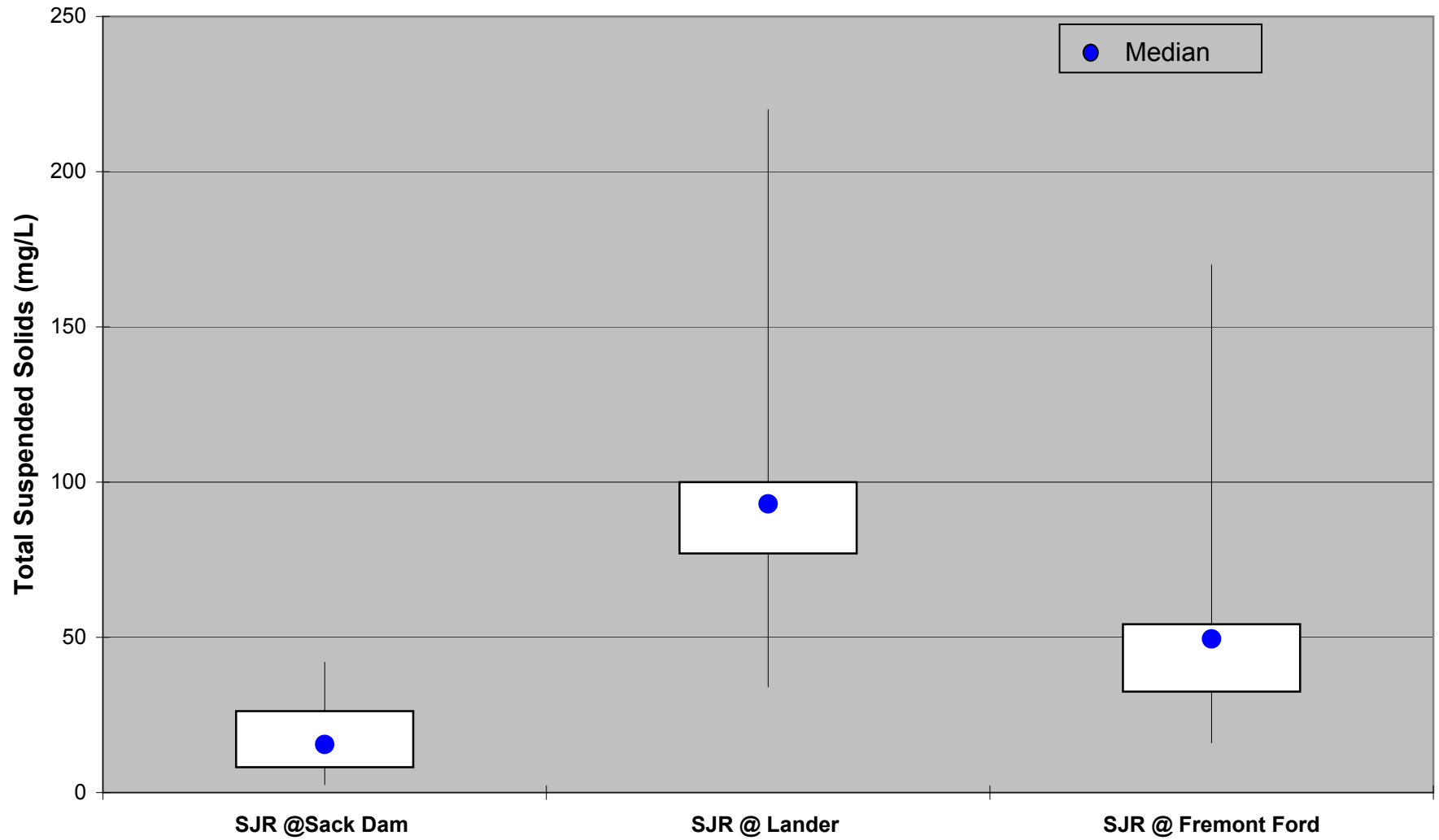
San Joaquin River Southeast Basin Turbidity WY02- WY04



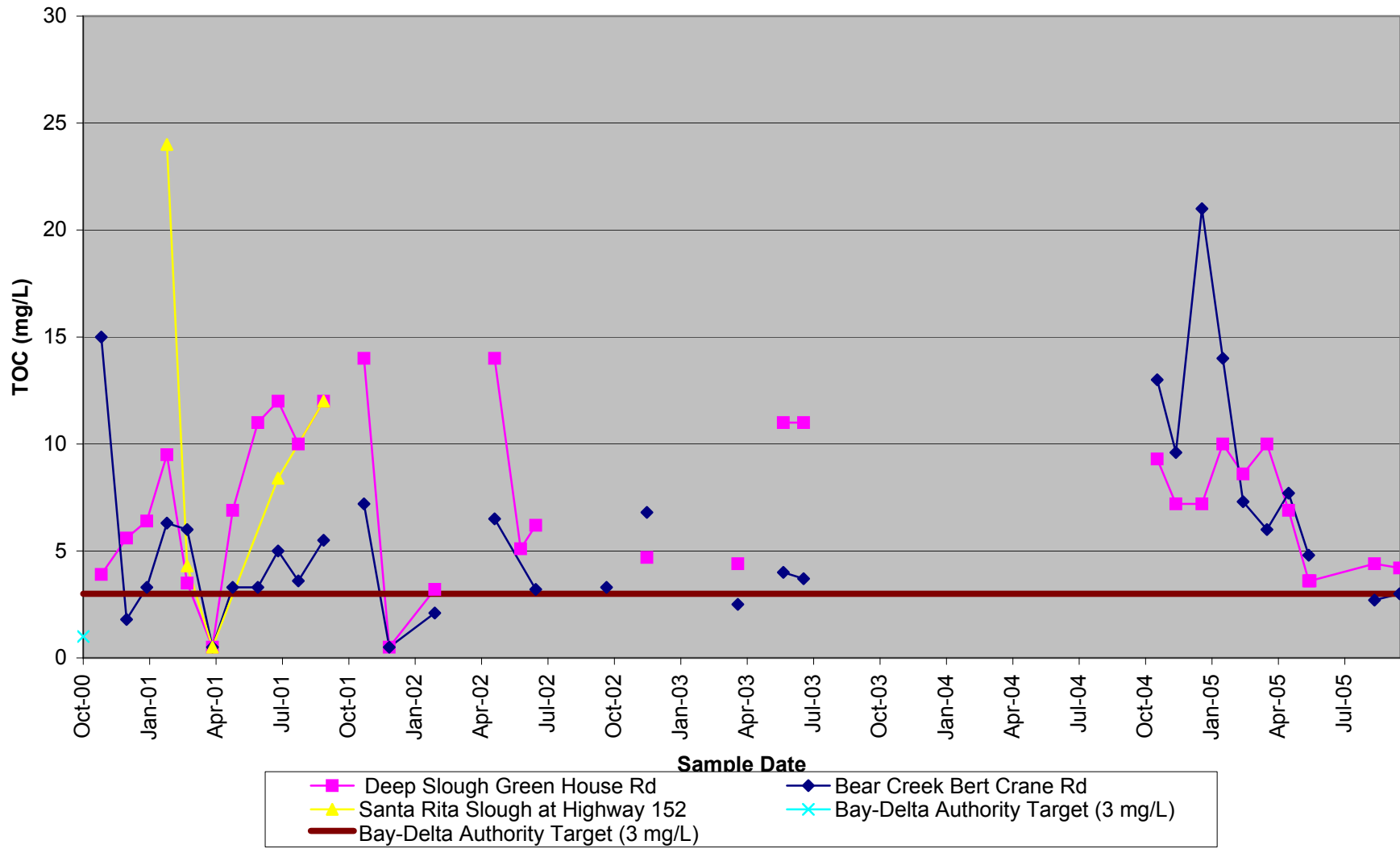
San Joaquin River Southeast Basin Total Suspended Solids WY01



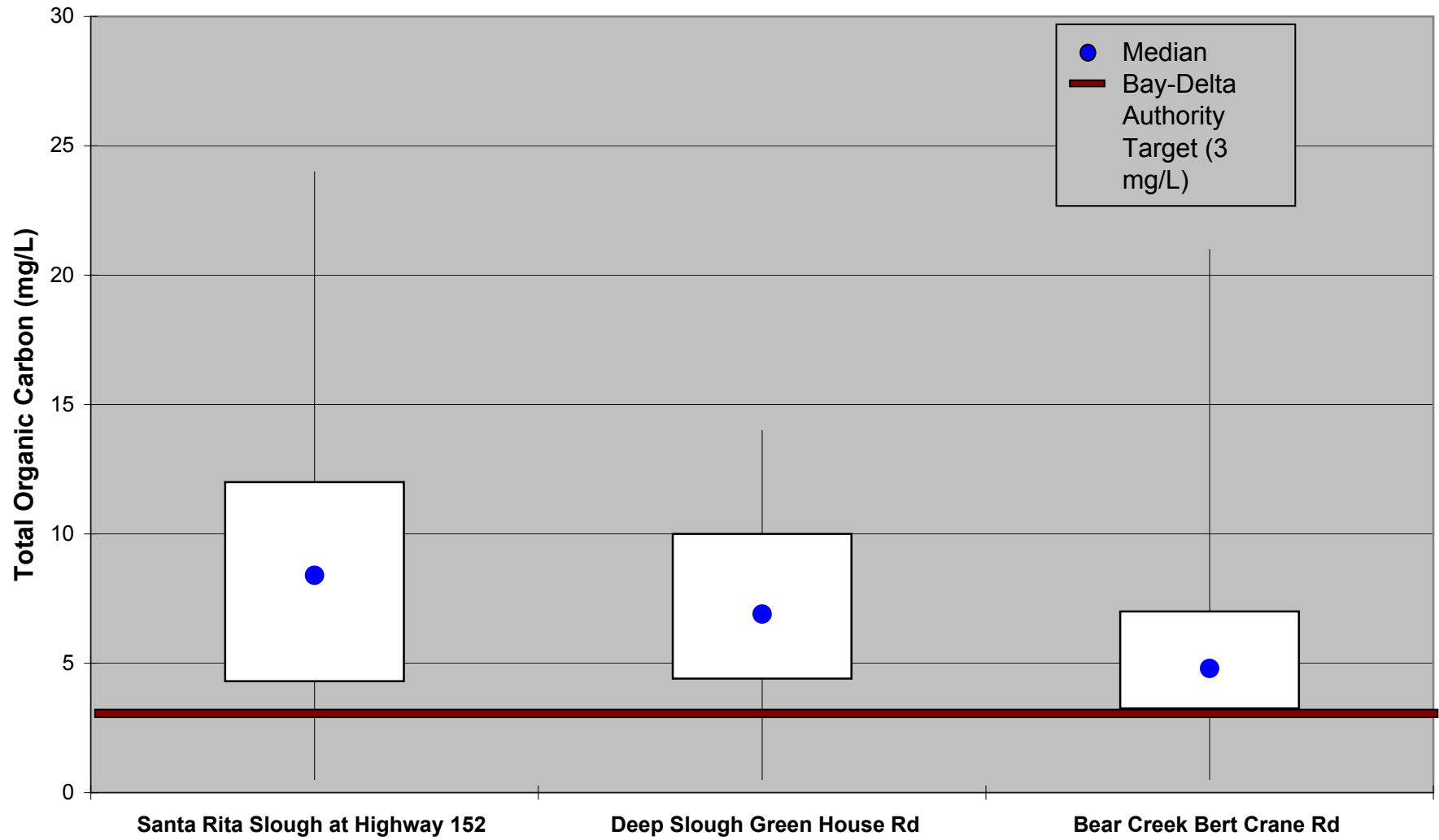
San Joaquin River Southeast Basin Total Suspended Solids WY01- WY05



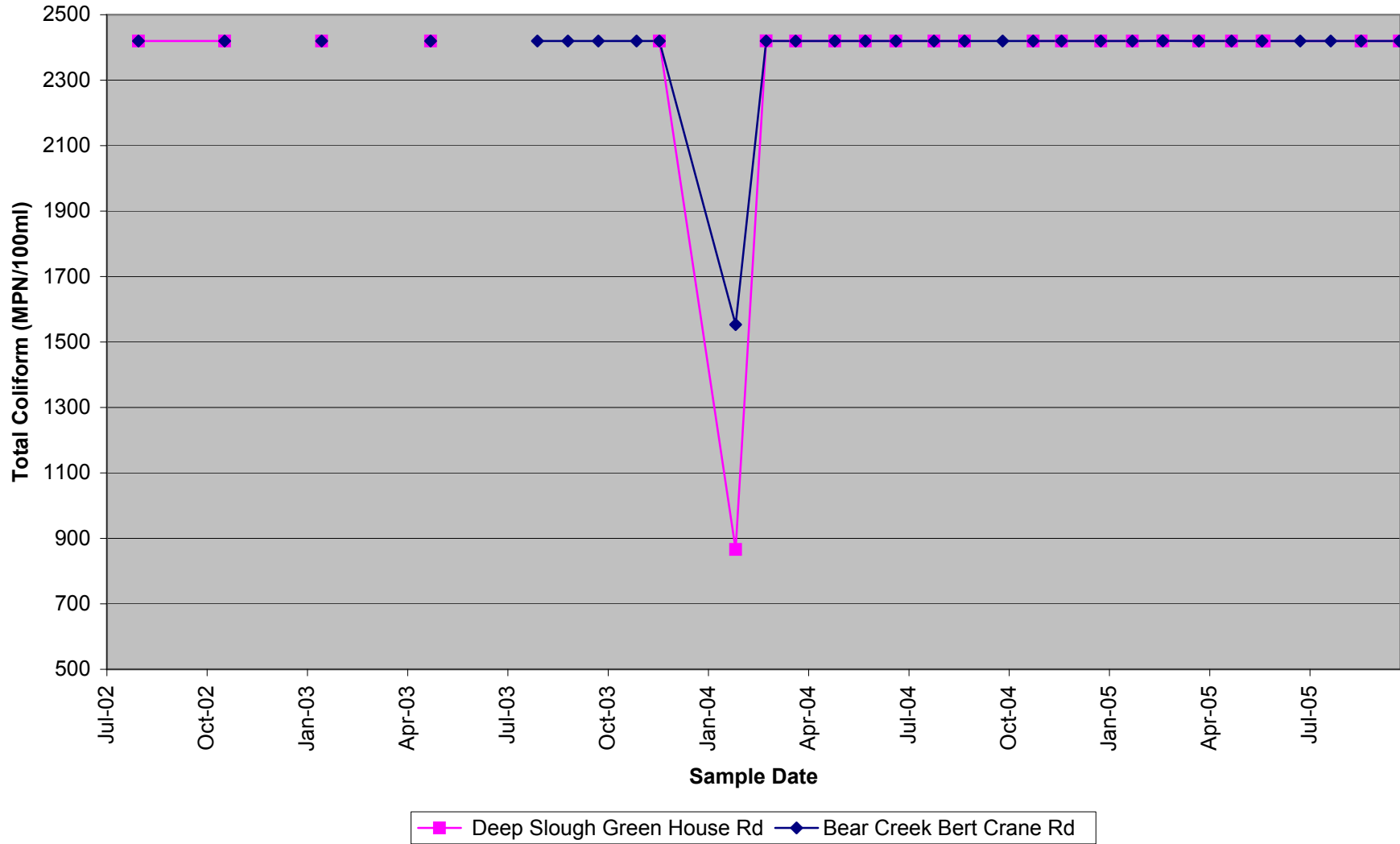
San Joaquin River Southeast Basin Total Organic Carbon WY01-WY05



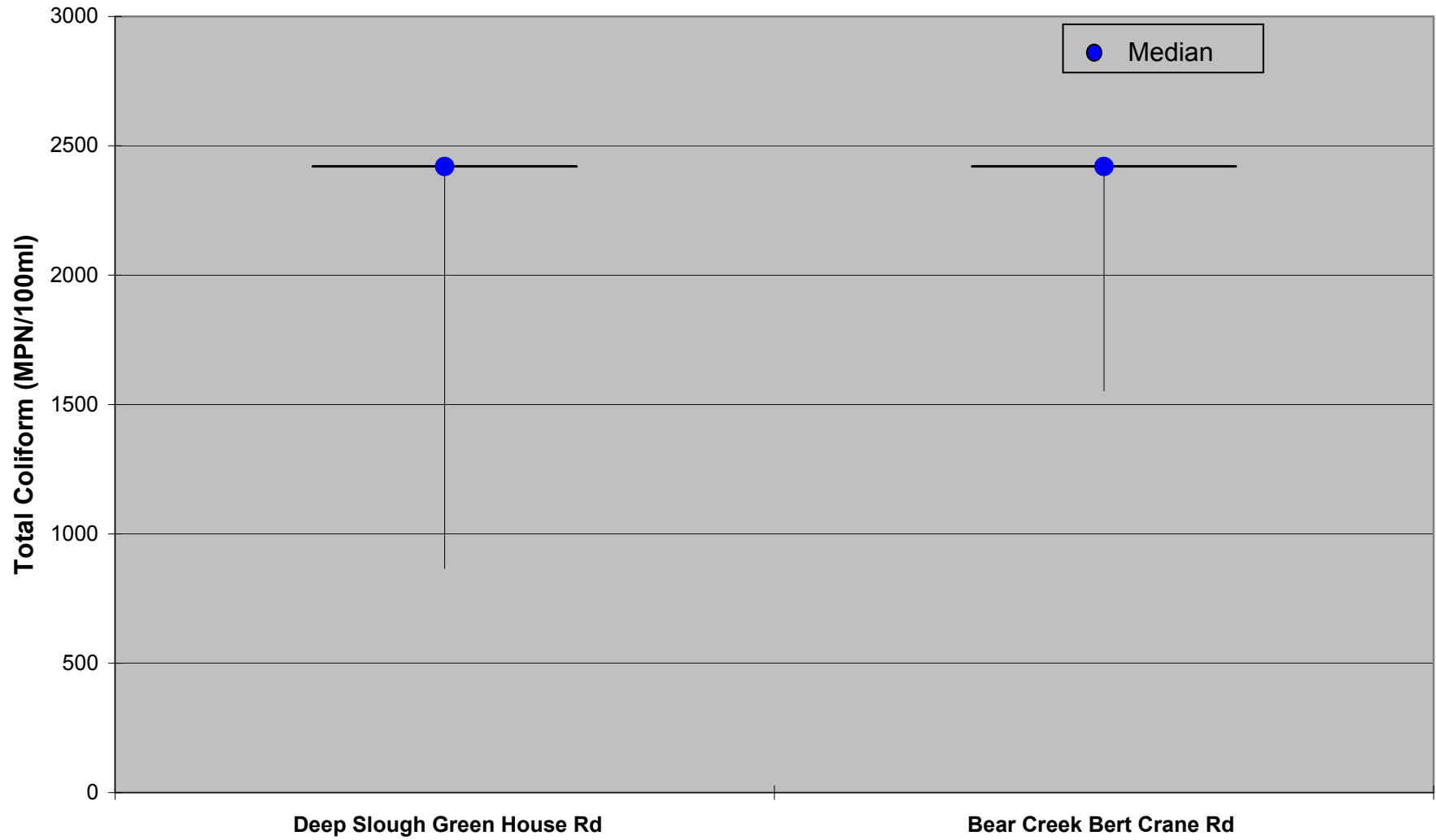
San Joaquin River Southeast Basin Total Organic Carbon WY01- WY05



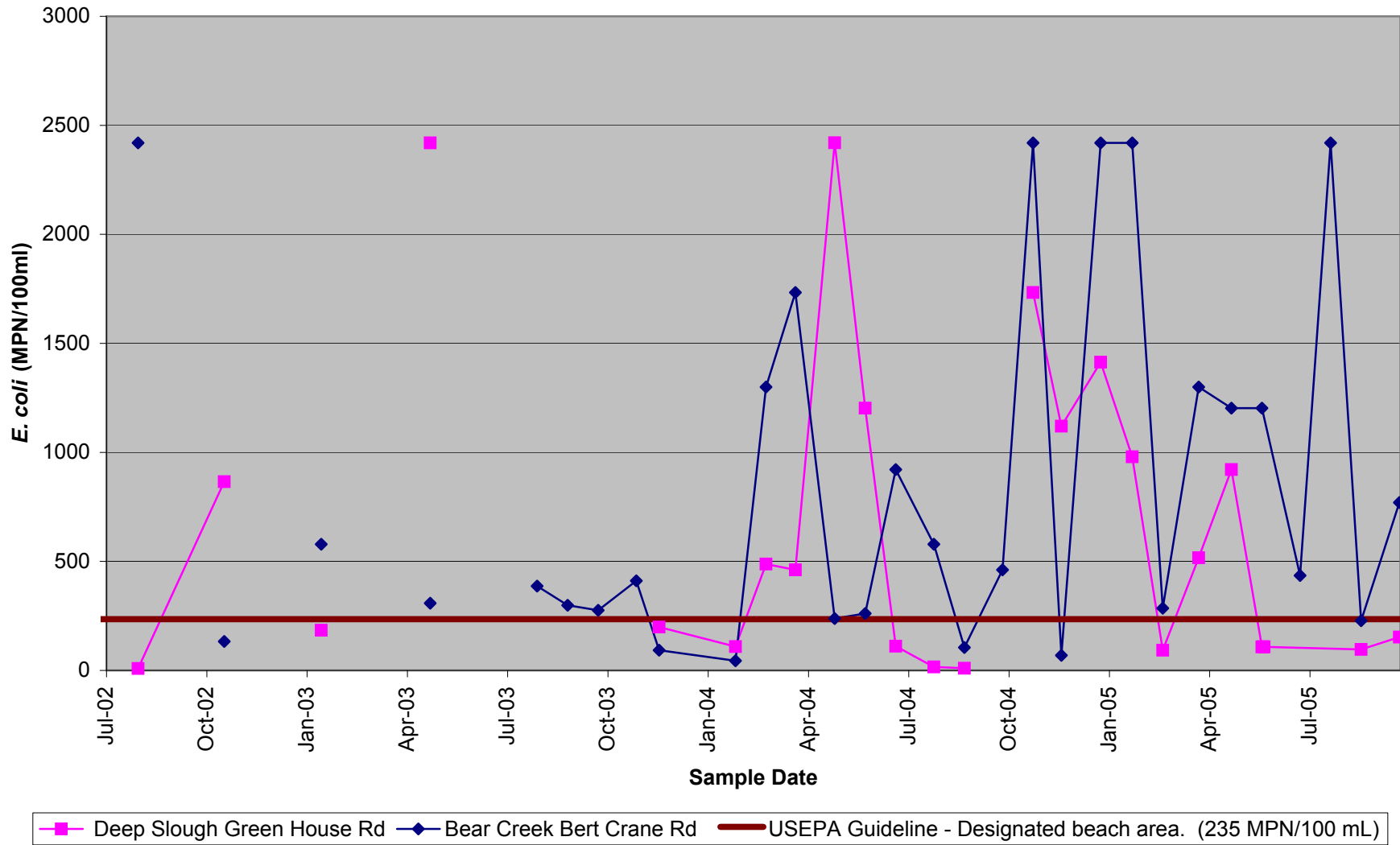
San Joaquin River Southeast Basin Total Coliform WY02-WY05



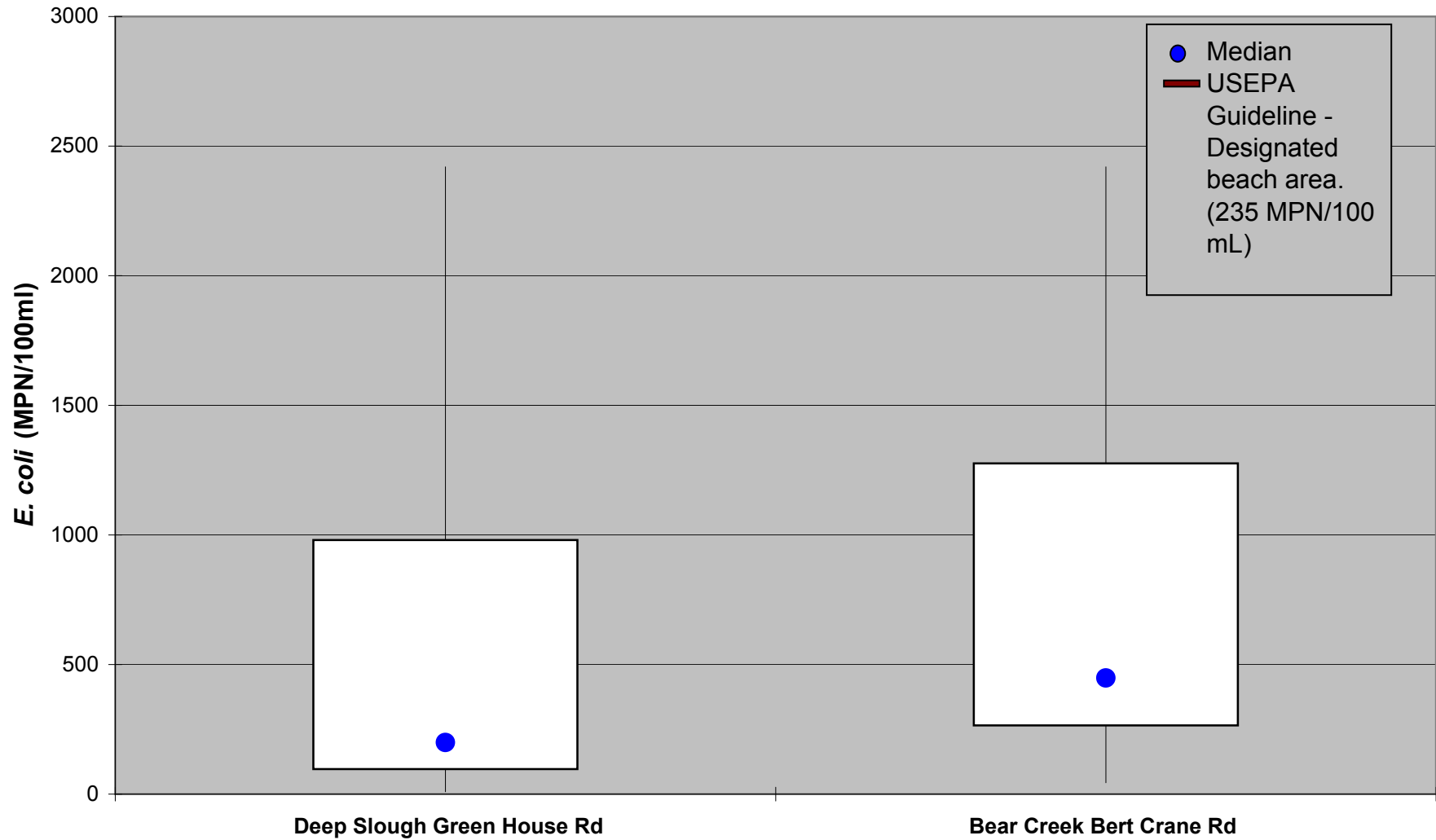
San Joaquin River Southeast Basin Total Coliform WY02- WY05



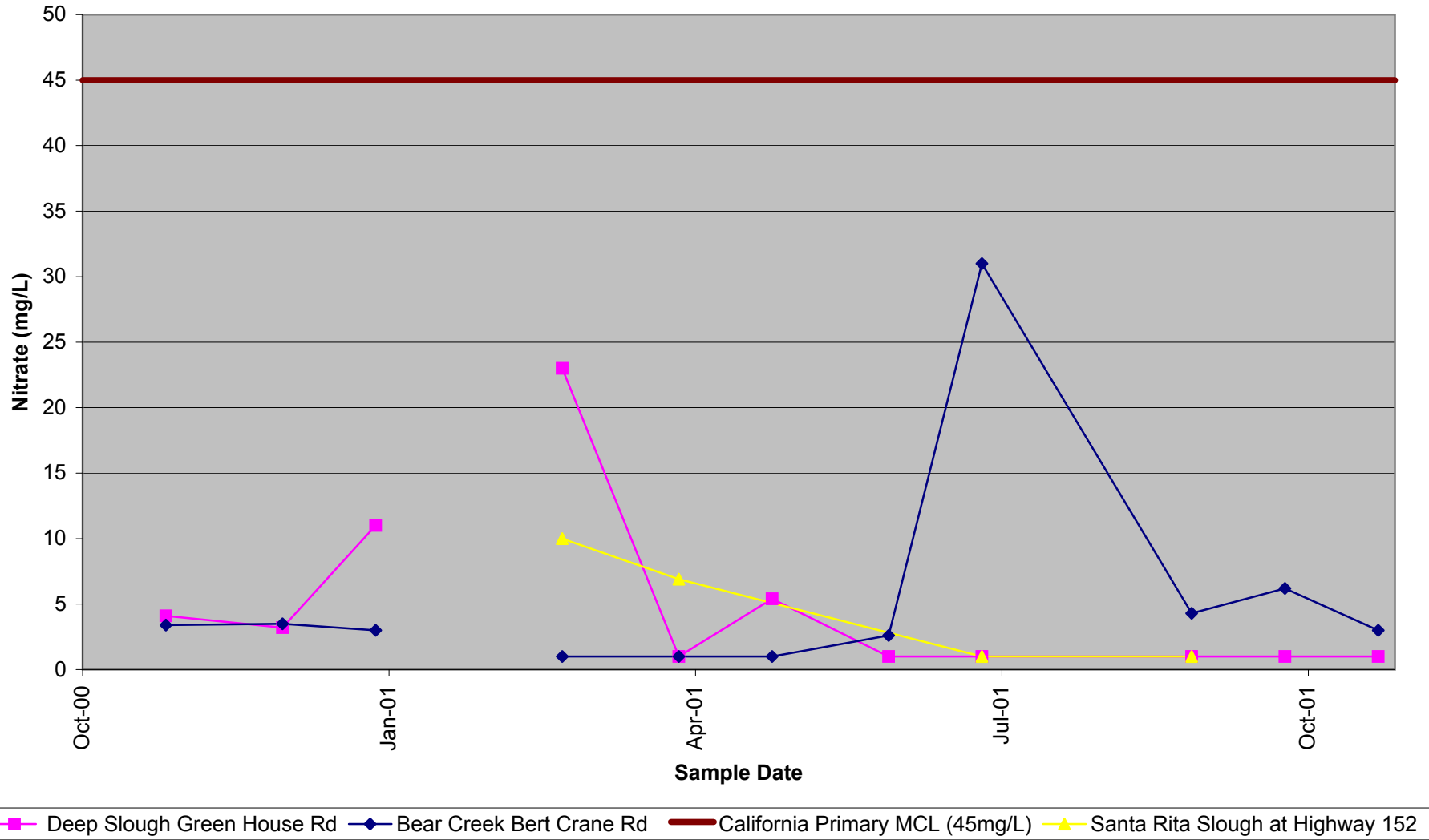
San Joaquin River Southeast Basin *Escherichia coli* WY02-WY05



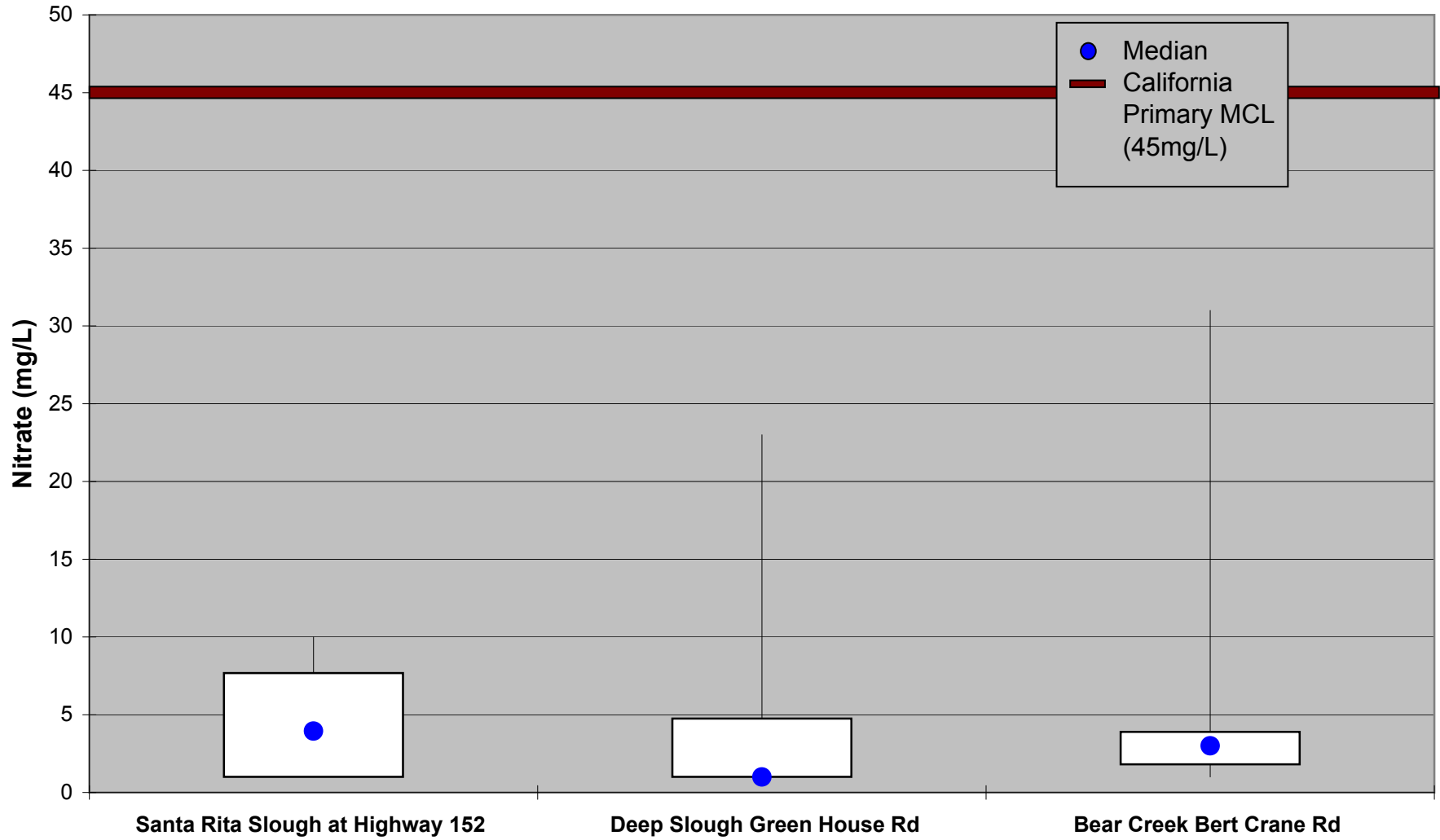
San Joaquin River Southeast Basin *Escherichia coli* WY02-WY05



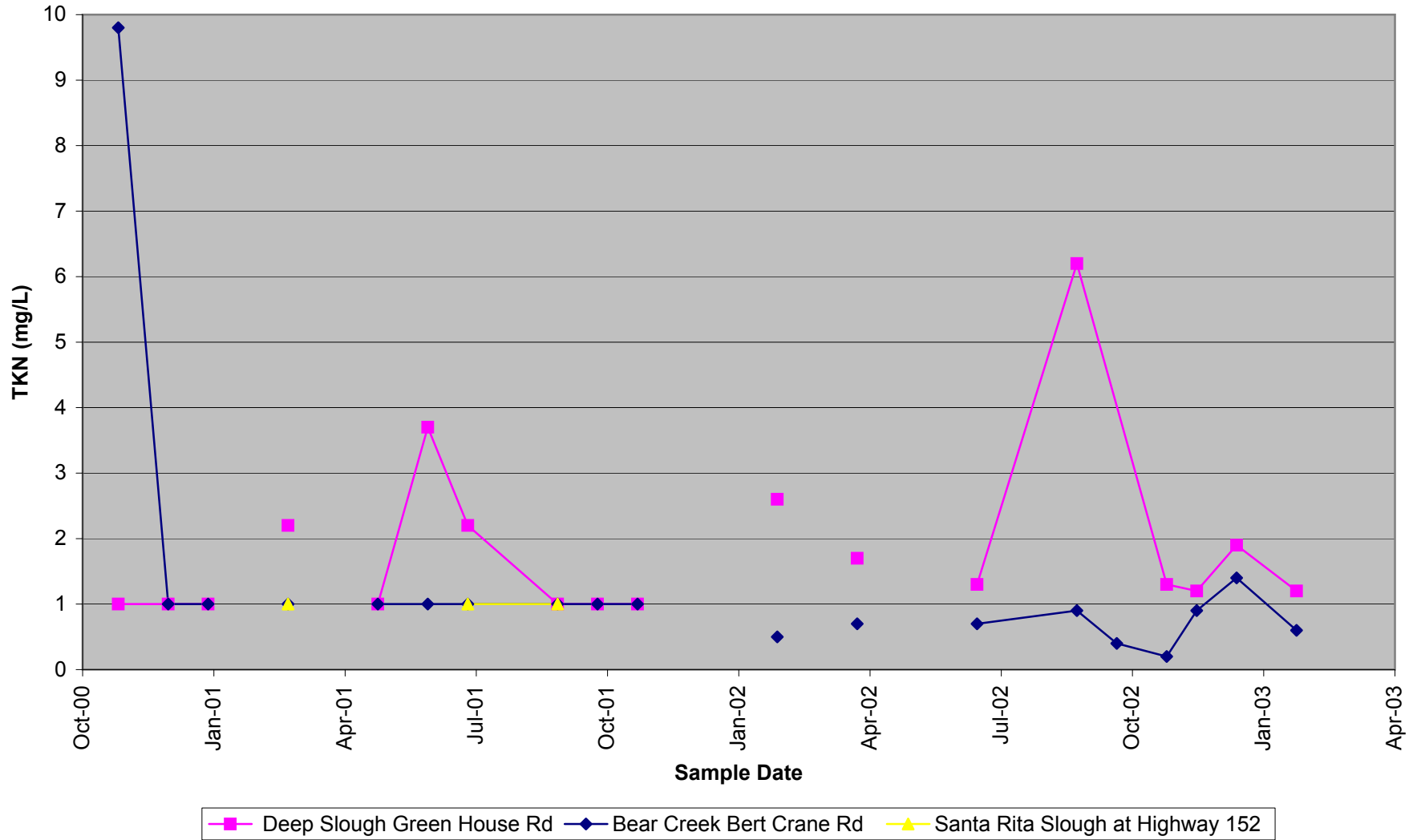
San Joaquin River Southeast Basin Nitrate WY01-WY02



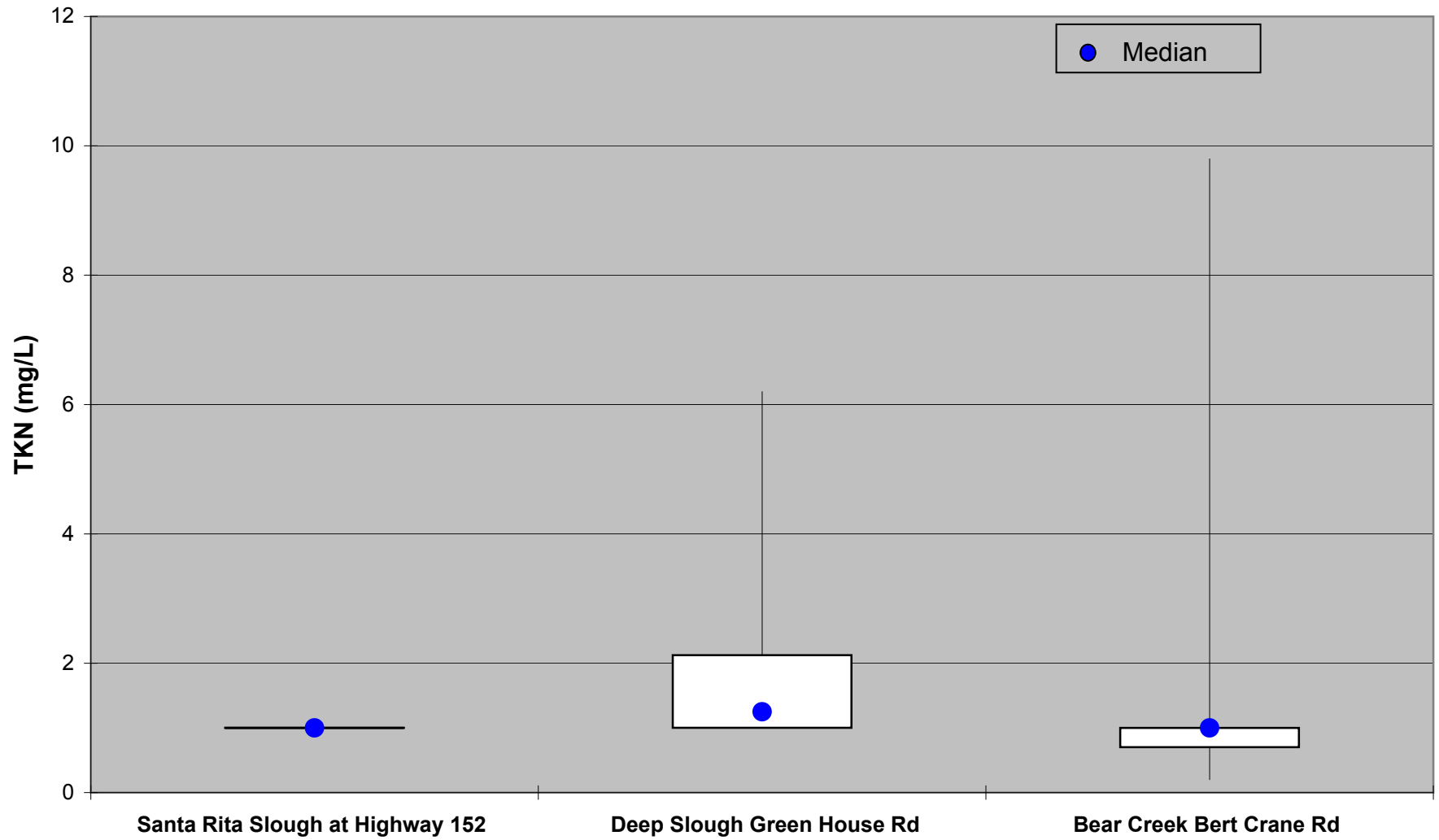
San Joaquin River Southeast Basin Nitrate WY01-WY04



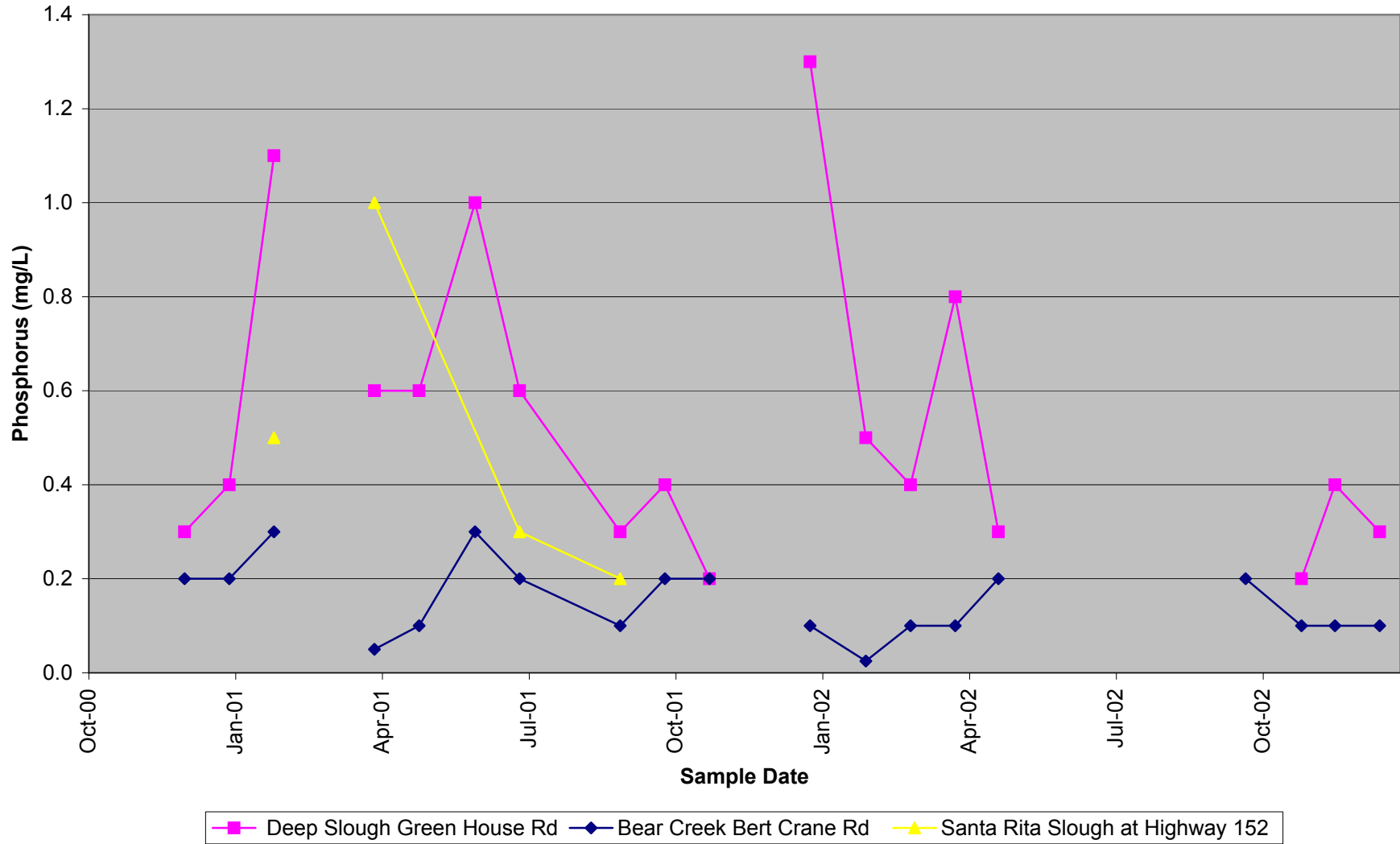
San Joaquin River Southeast Basin Total Kjeldahl Nitrogen WY01-WY03



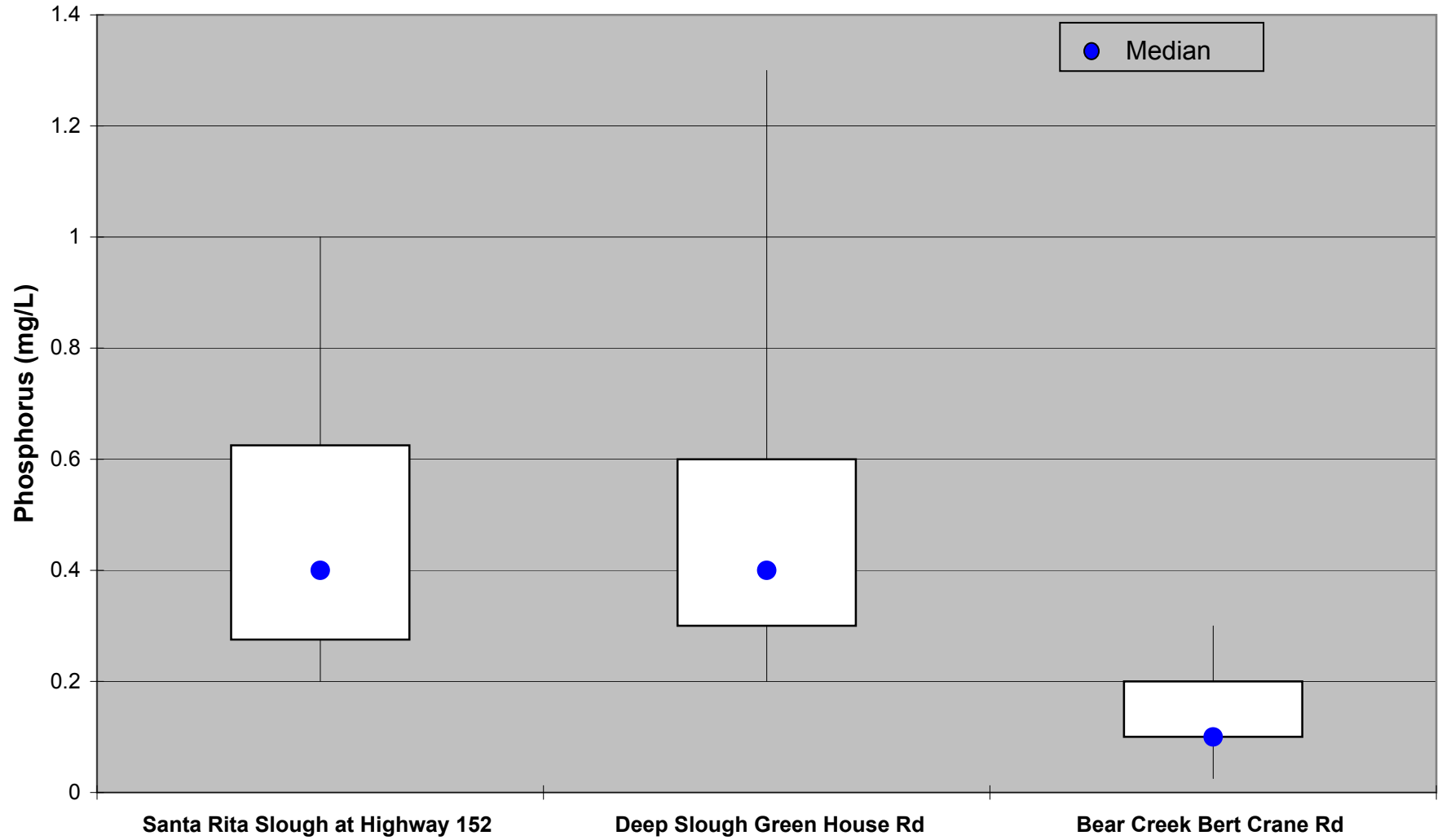
San Joaquin River Southeast Basin Total Kjeldahl Nitrogen WY01-WY05



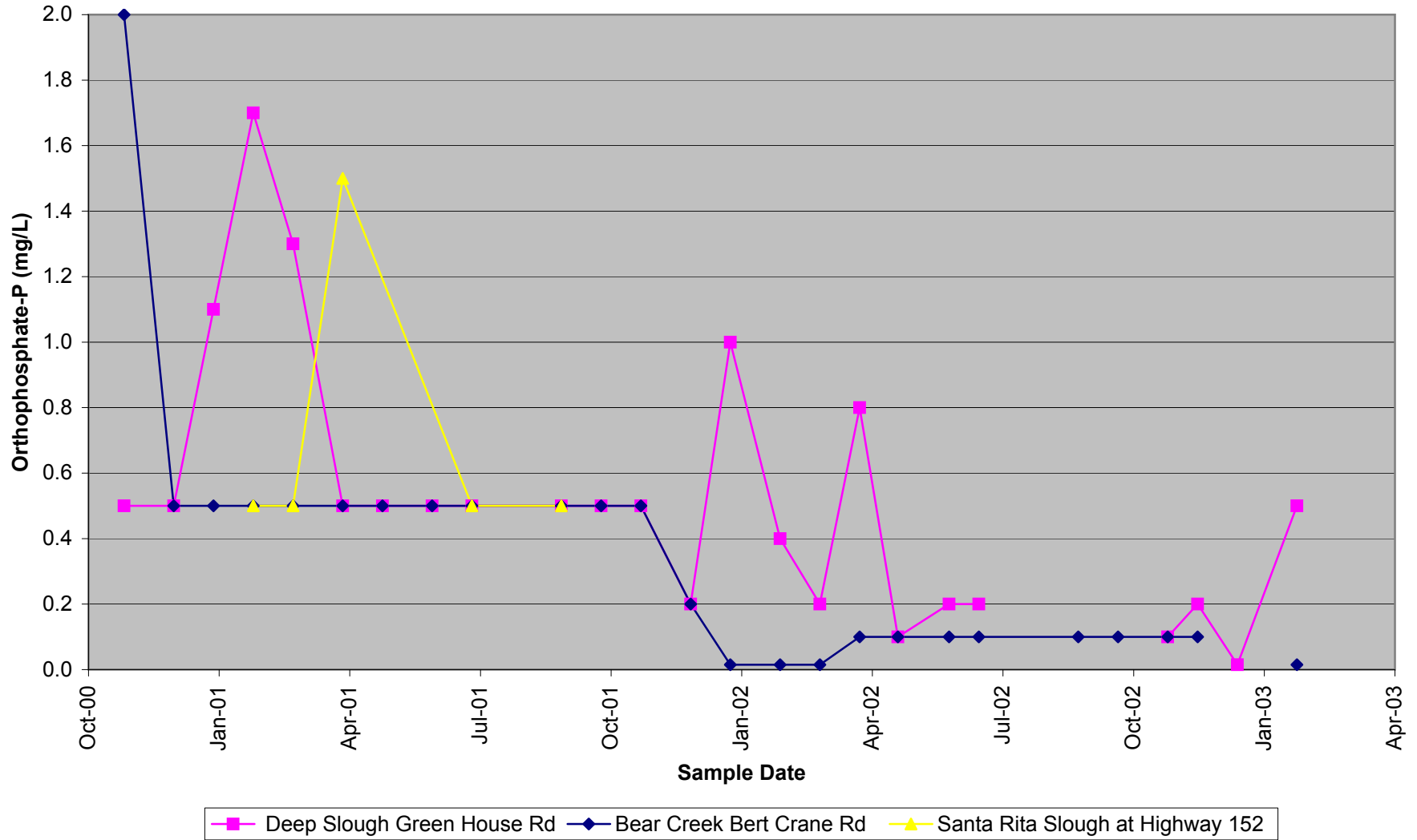
San Joaquin River Southeast Basin Phosphorus WY01-WY03



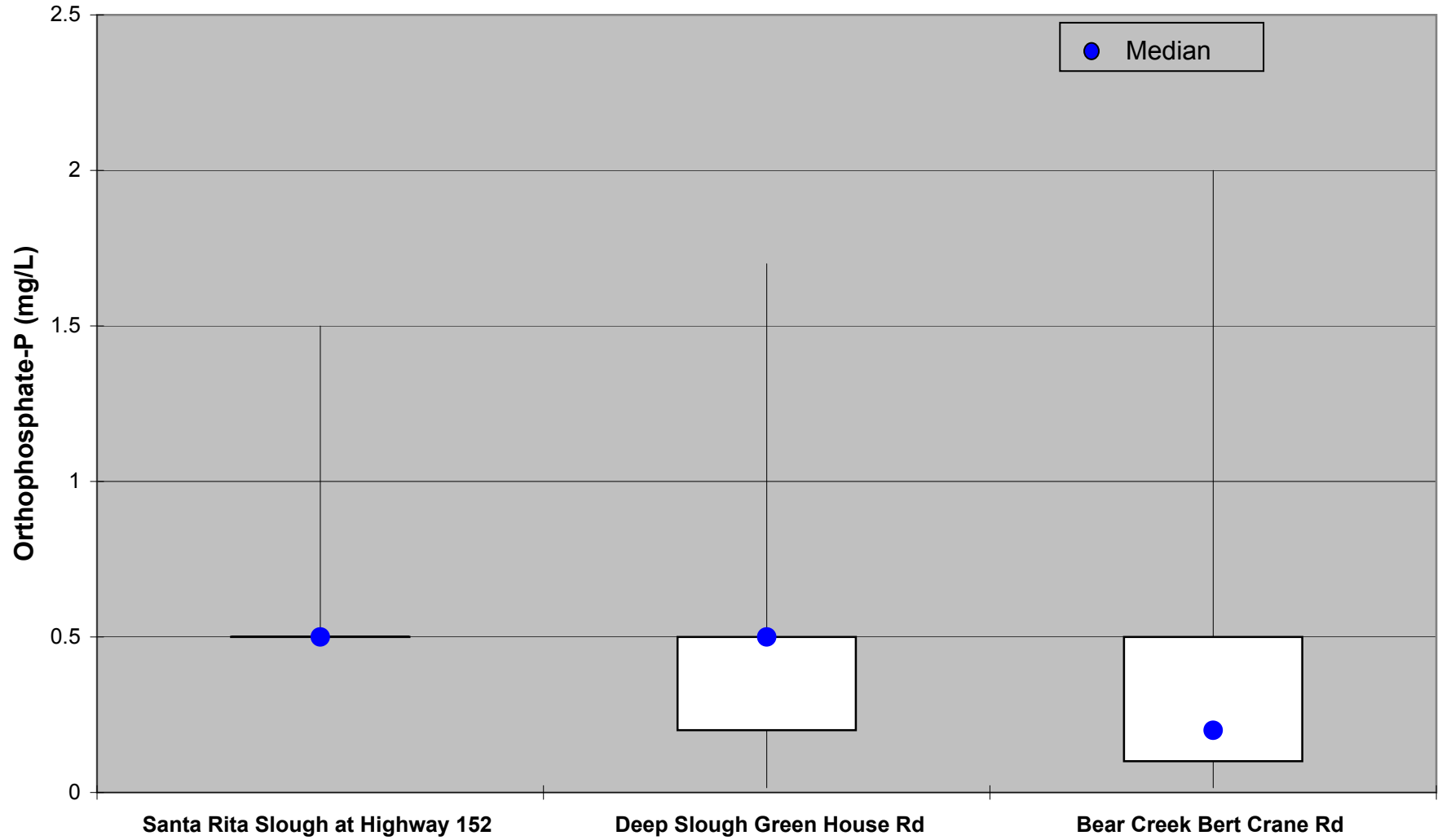
San Joaquin River Southeast Basin Phosphorus WY01-WY05



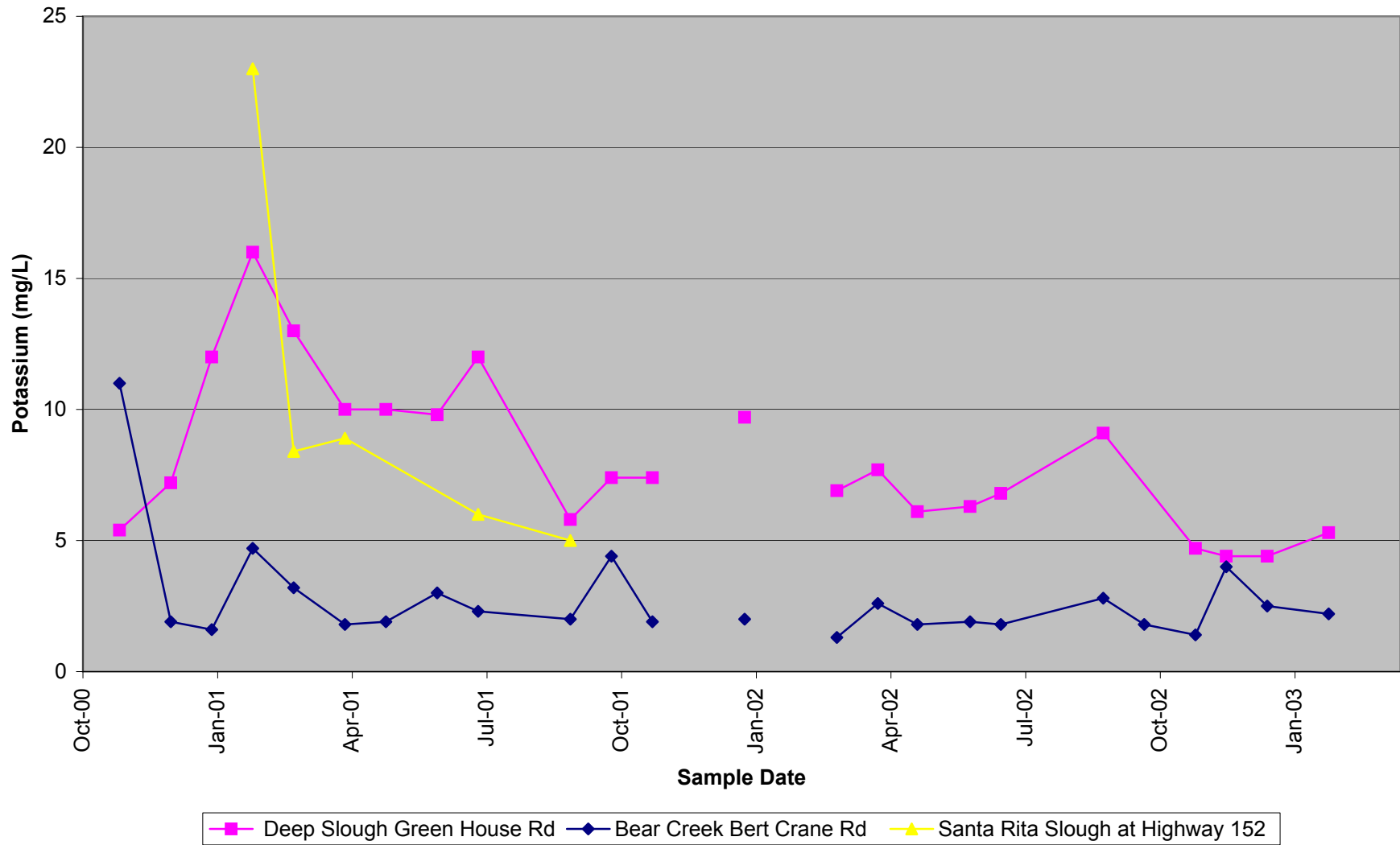
San Joaquin River Southeast Basin Orthophosphate-P WY01-WY03



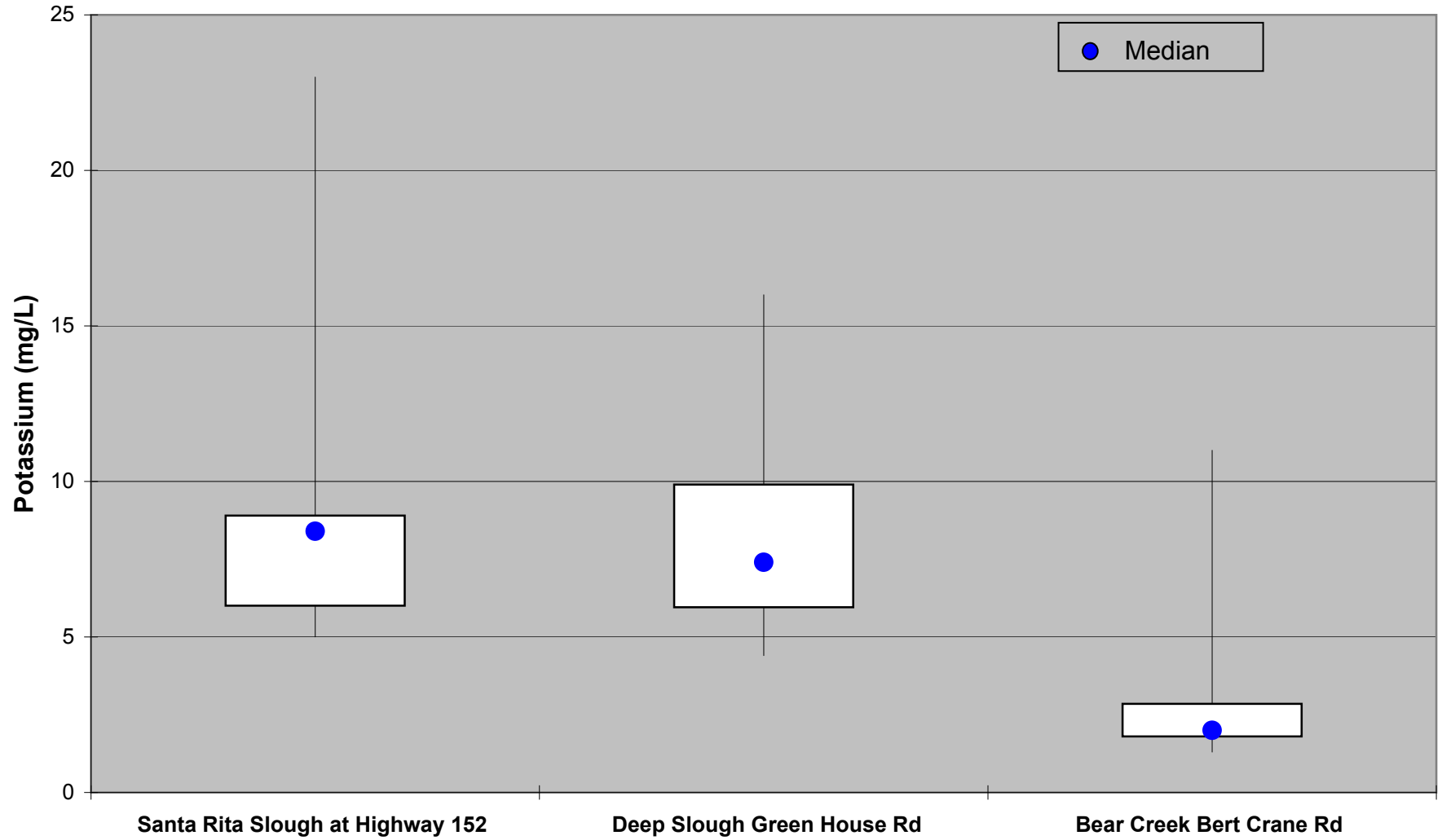
San Joaquin River Southeast Basin Orthophosphate-P WY01-WY05



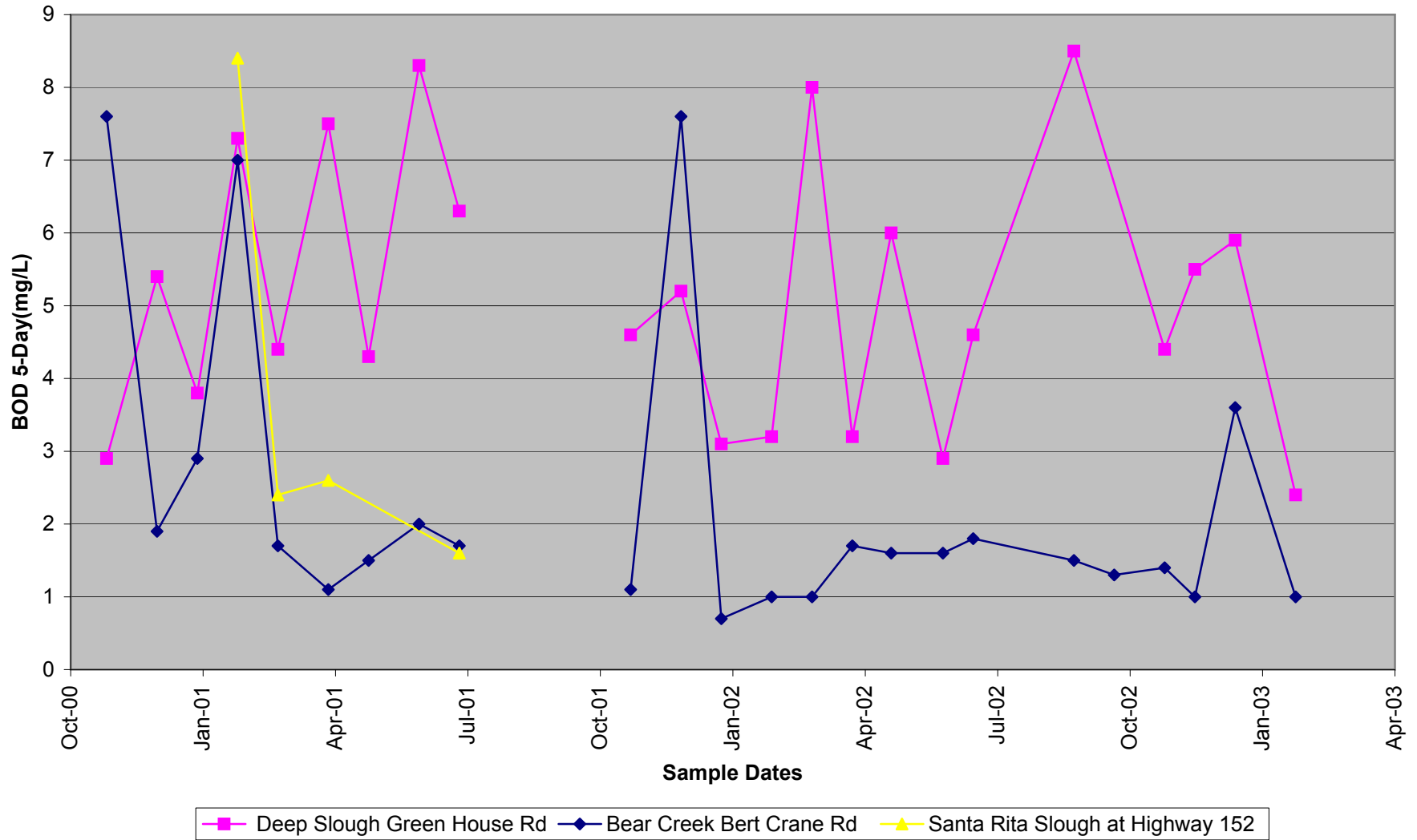
San Joaquin River Southeast Basin Potassium WY01-WY03



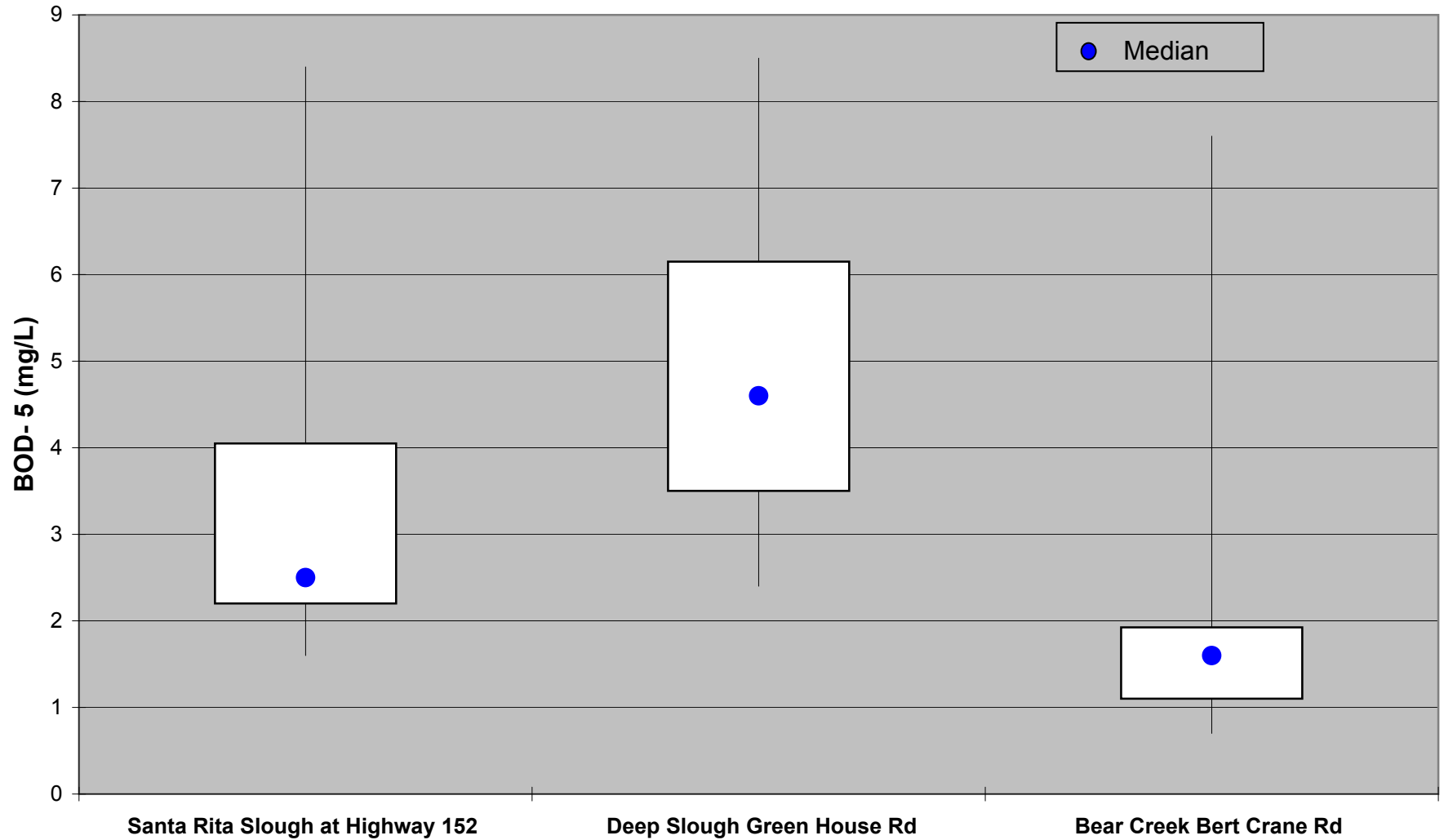
San Joaquin River Southeast Basin Potassium WY01-WY04



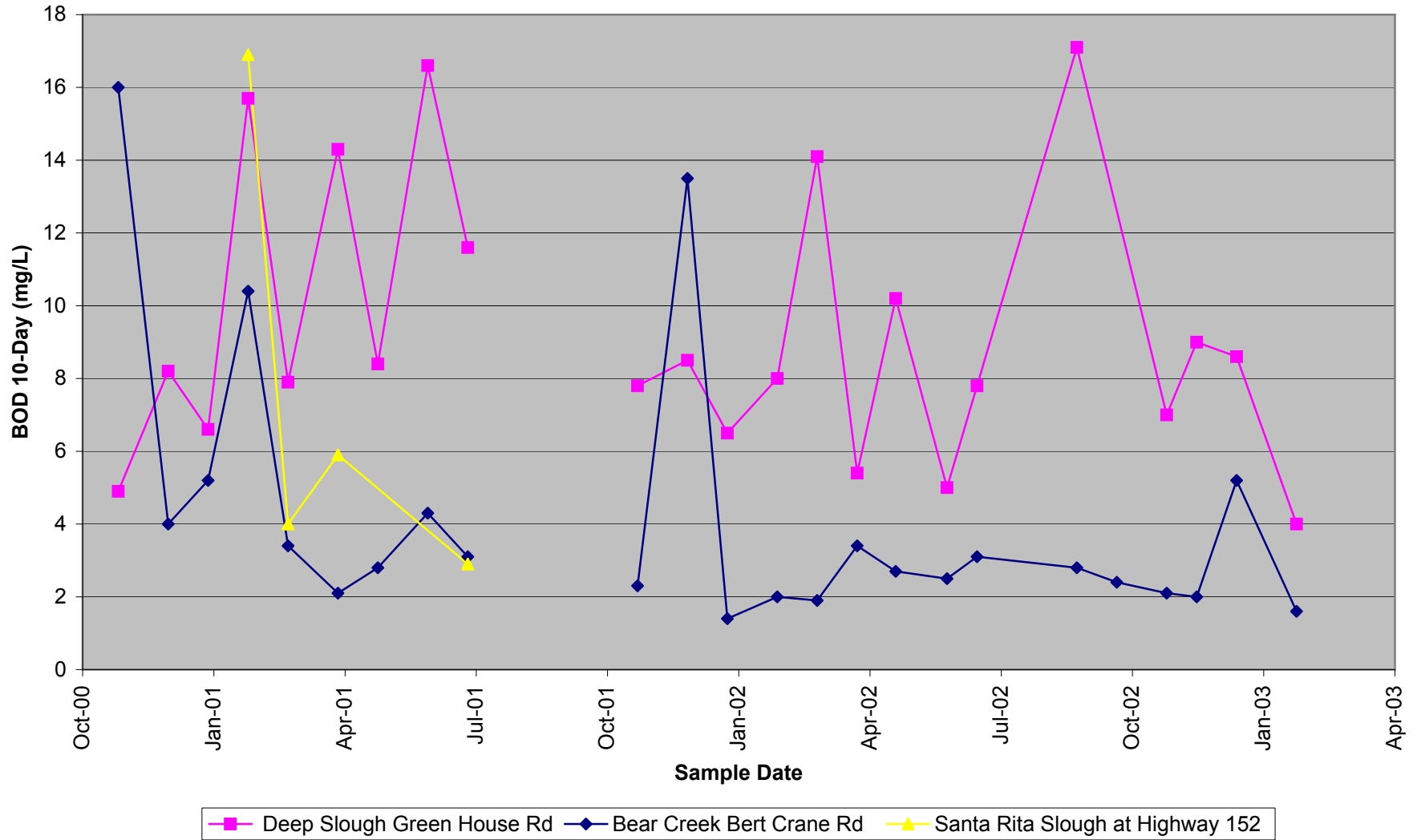
San Joaquin River Southeast Basin Biochemical Oxygen Demand 5-Day WY01-WY03



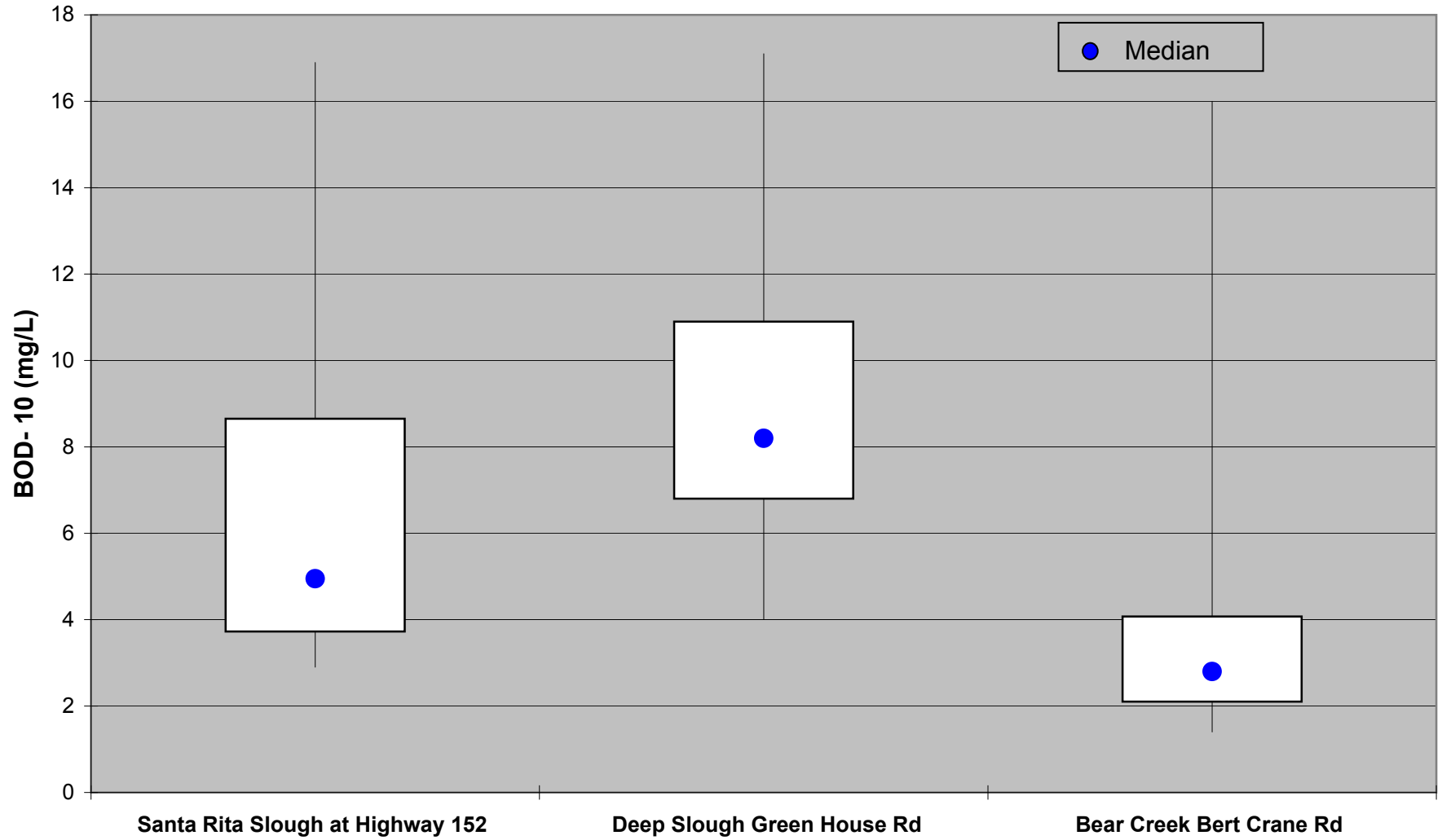
San Joaquin River Southeast Basin Biological Oxygen Demand 5-Day WY01-WY03



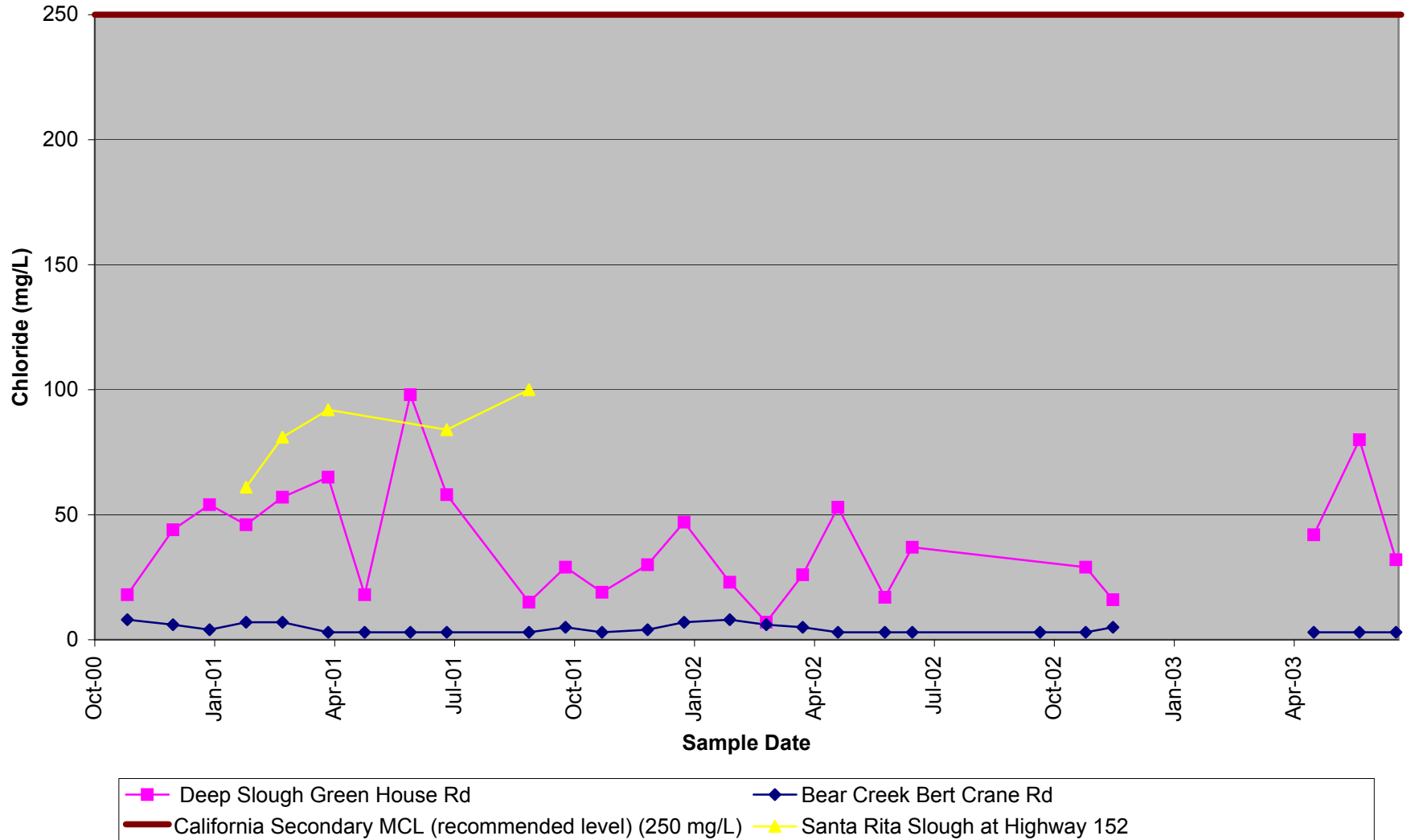
San Joaquin River Southeast Basin Biochemical Oxygen Demand 10-Day WY01-WY03



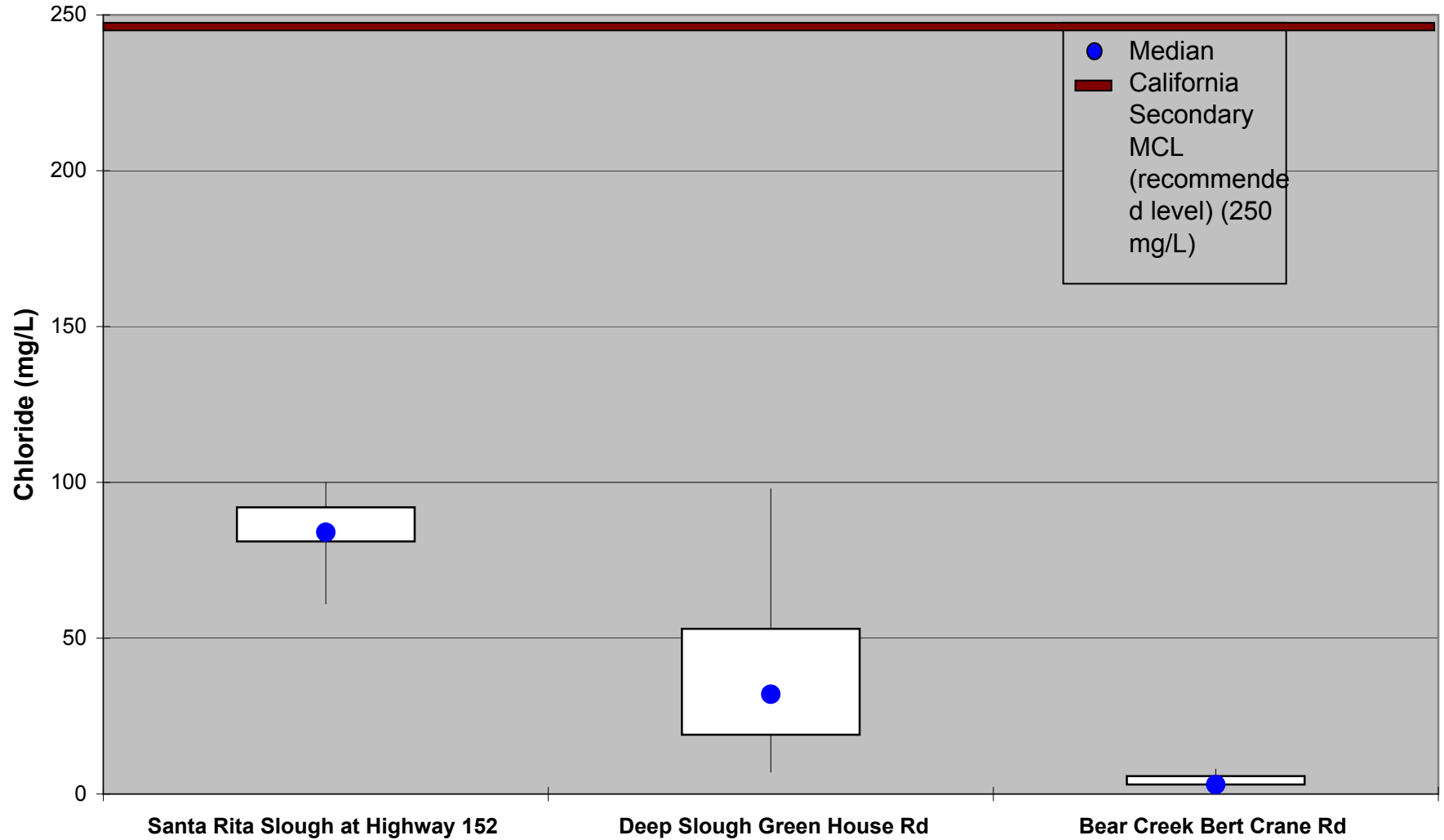
San Joaquin River Southeast Basin Biological Oxygen Demand 10-Day WY01-WY03



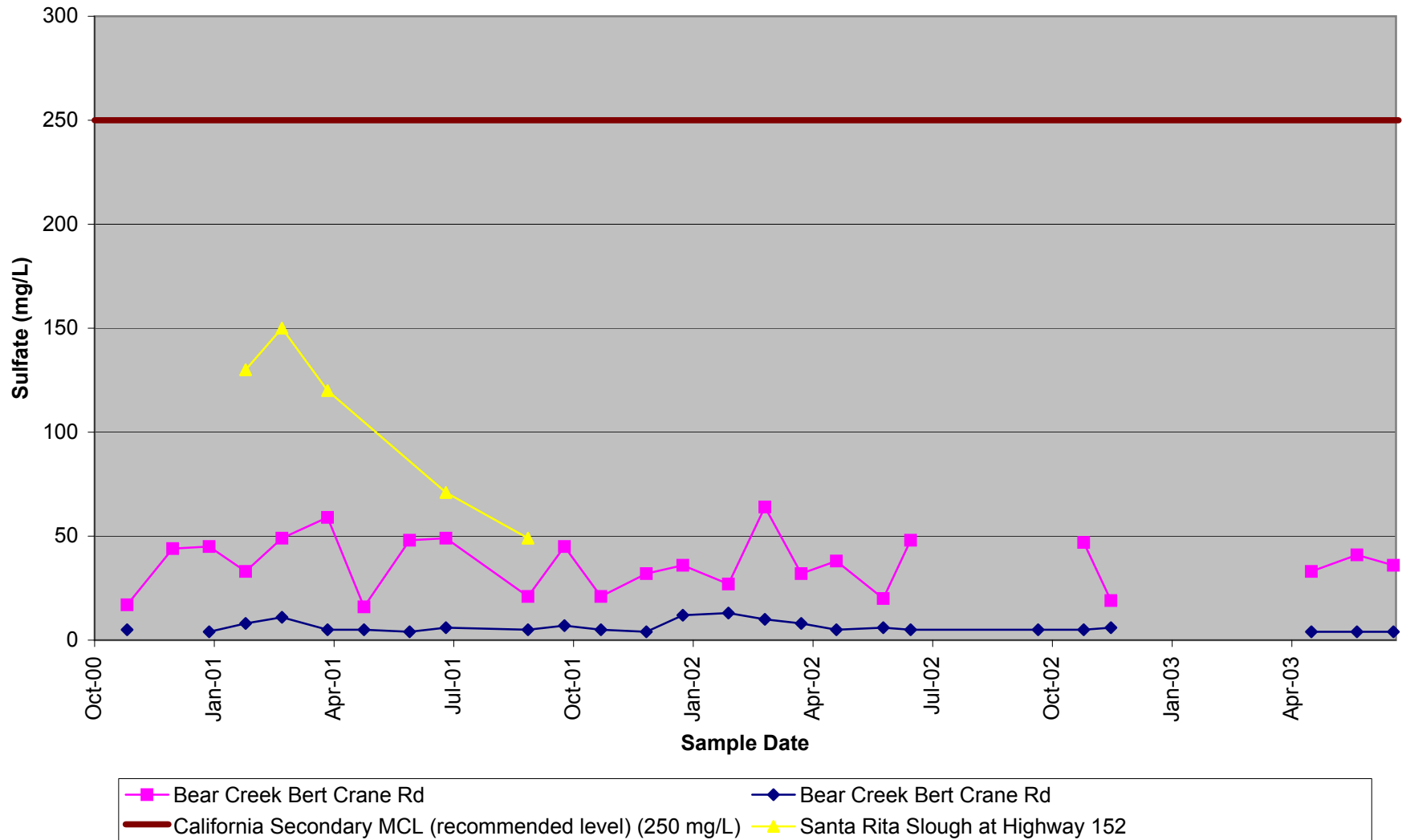
San Joaquin River Southeast Basin Chloride WY01-WY03



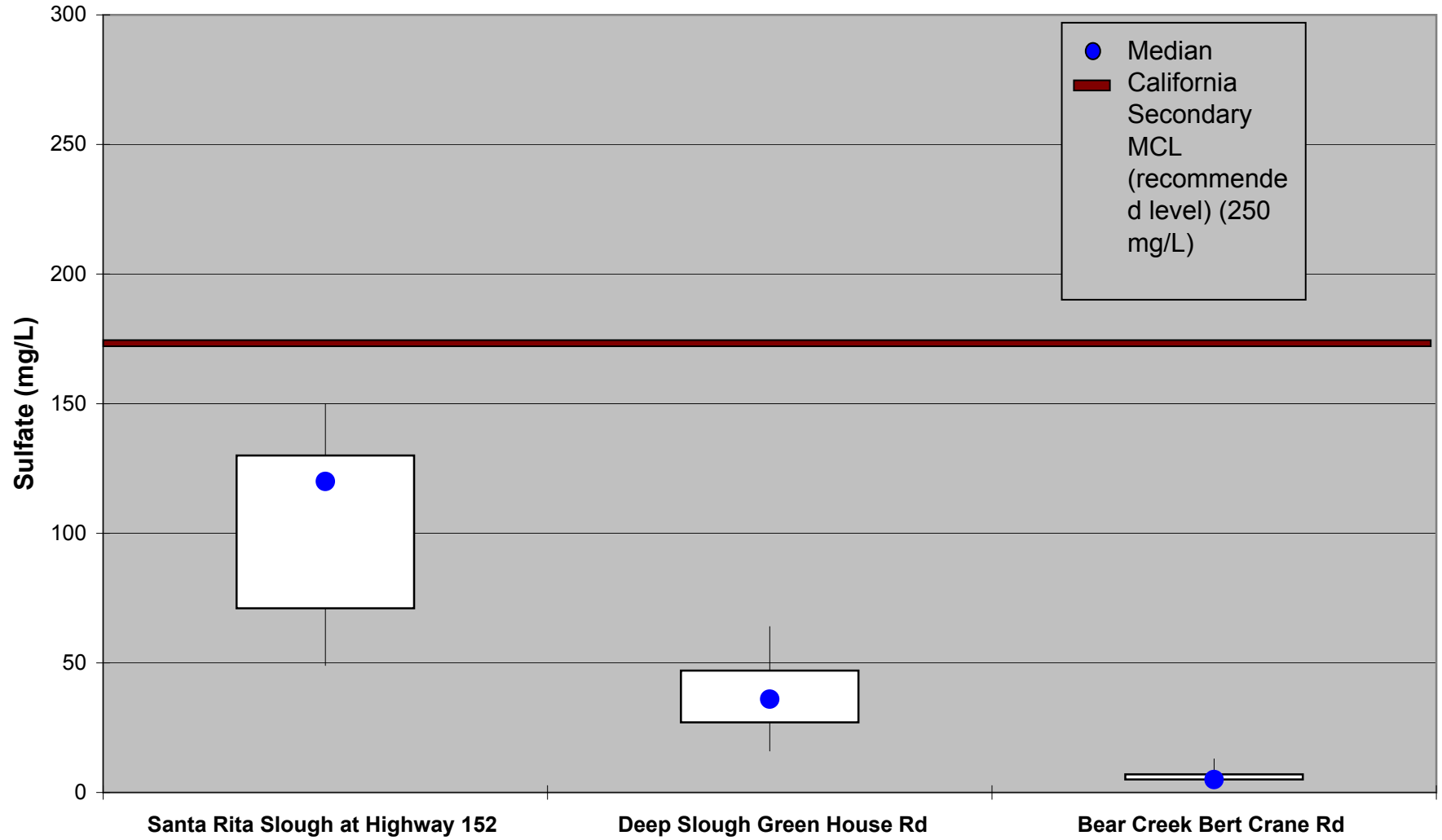
San Joaquin River Southeast Basin Chloride WY01-WY03



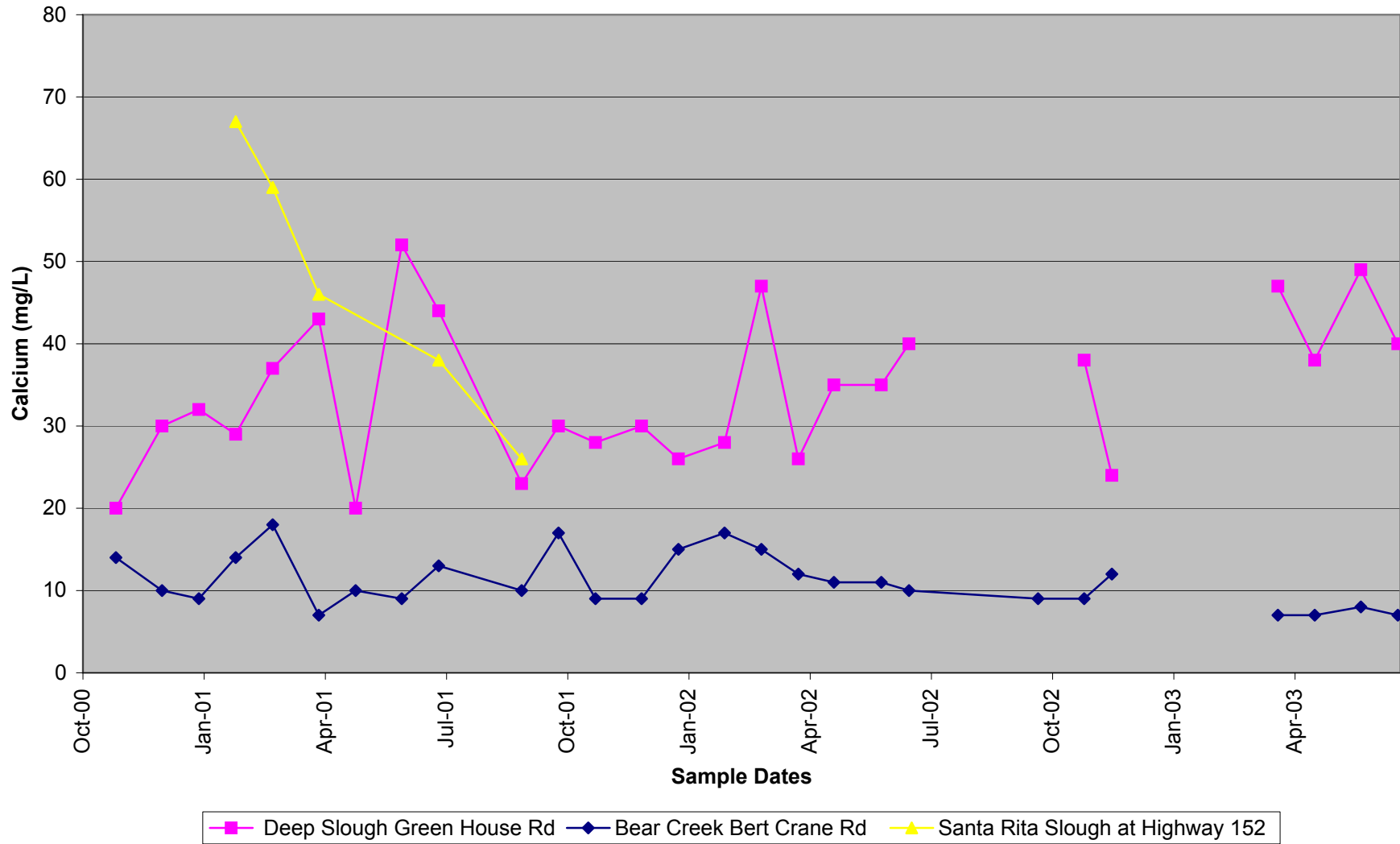
San Joaquin River Southeast Basin Sulfate WY01-WY03



San Joaquin River Southeast Basin Sulfate WY01-WY03



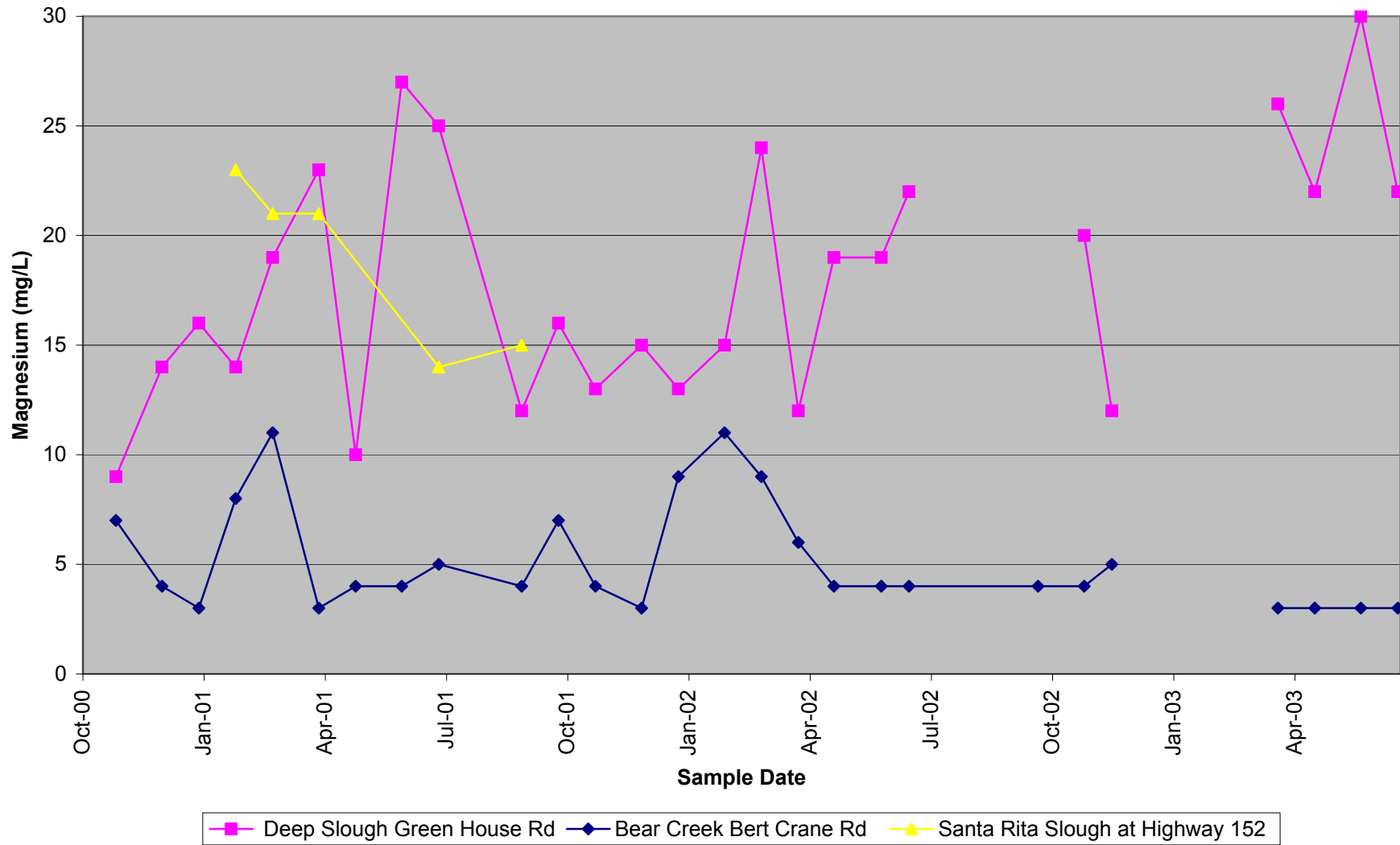
San Joaquin River Southeast Basin Calcium WY01-WY03



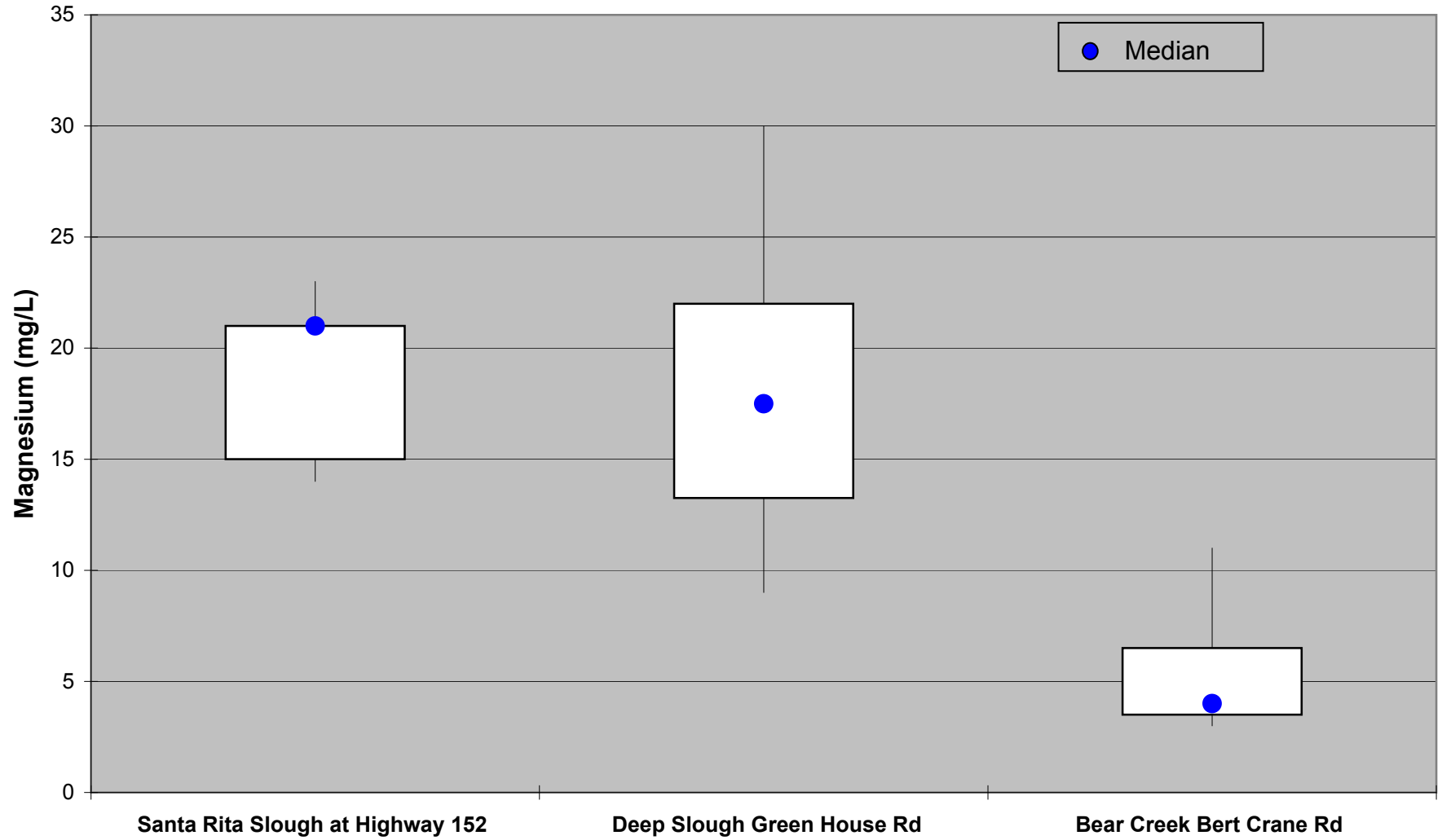
San Joaquin River Southeast Basin Calcium WY01-WY03



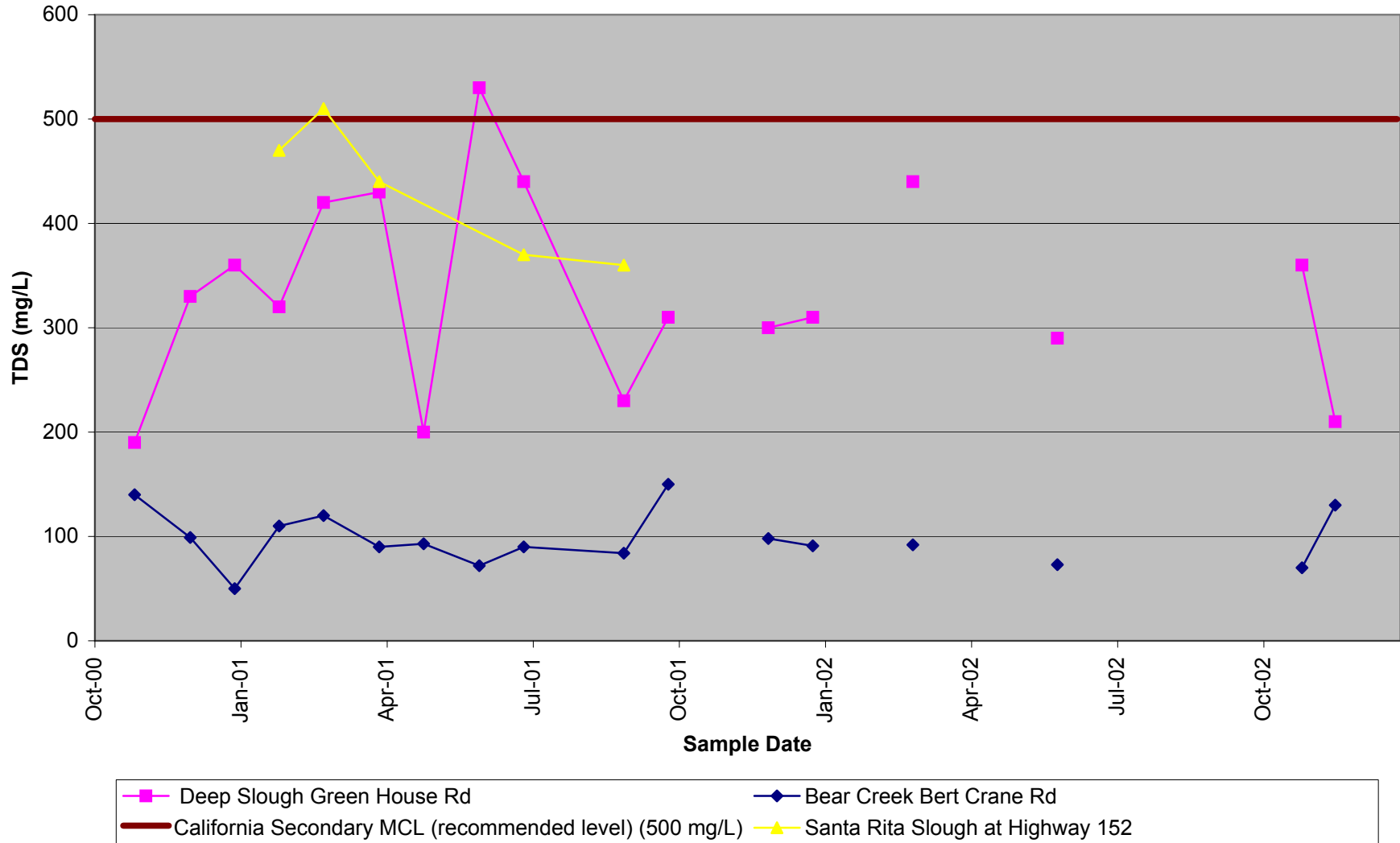
San Joaquin River Southeast Basin Magnesium WY01-WY03



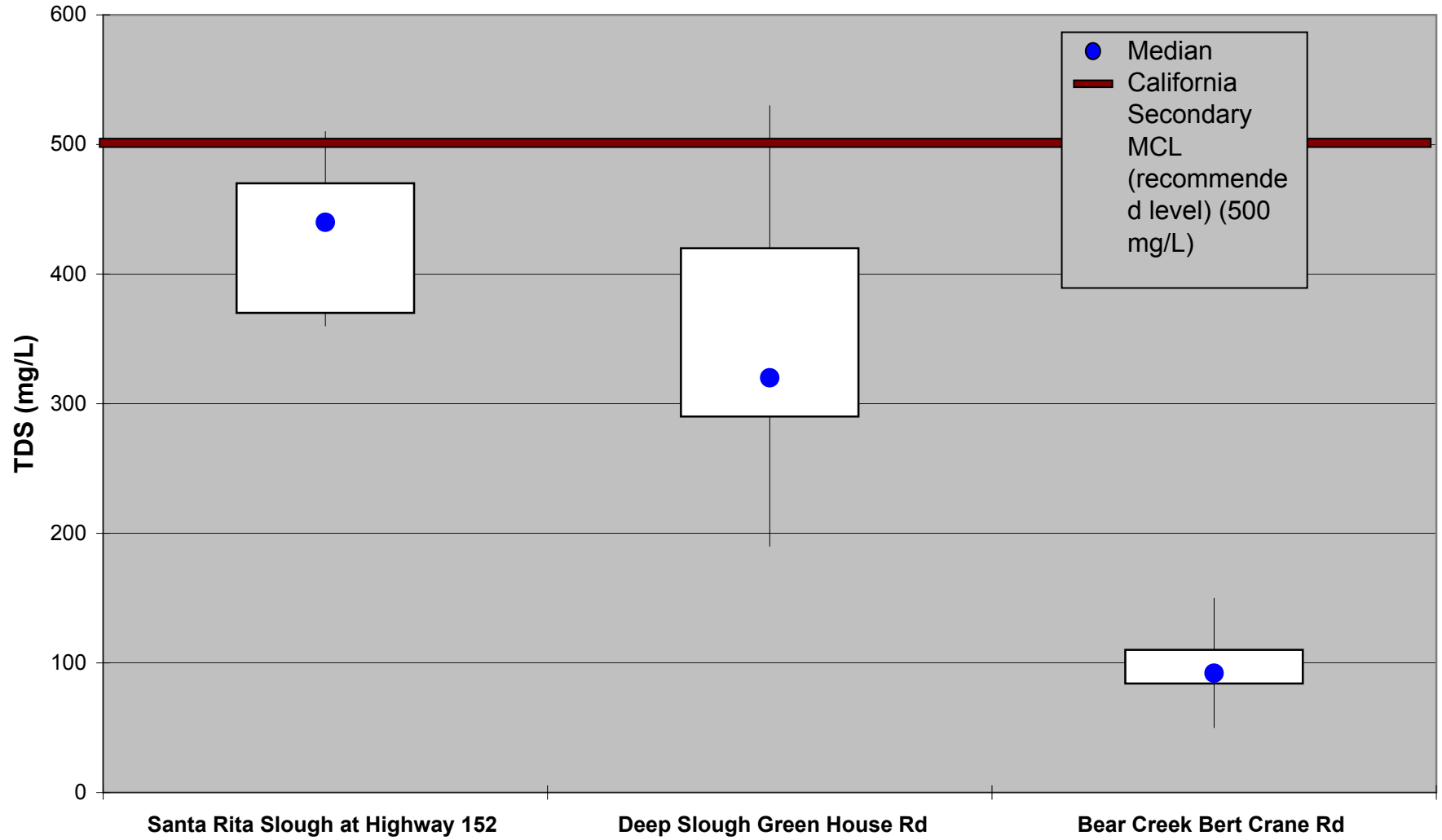
San Joaquin River Southeast Basin Magnesium WY01-WY03



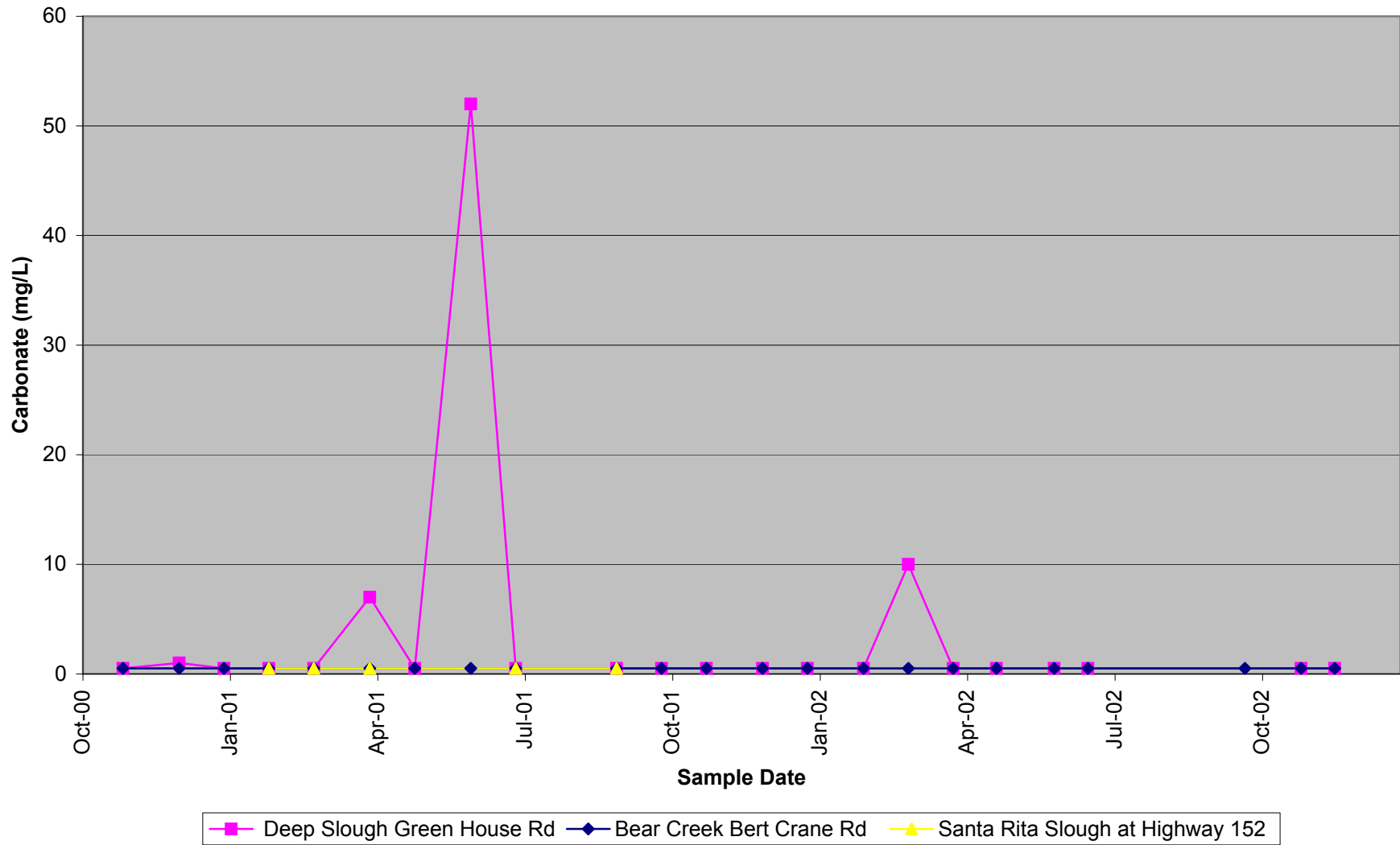
San Joaquin River Southeast Basin Total Dissolved Solids WY01-WY03



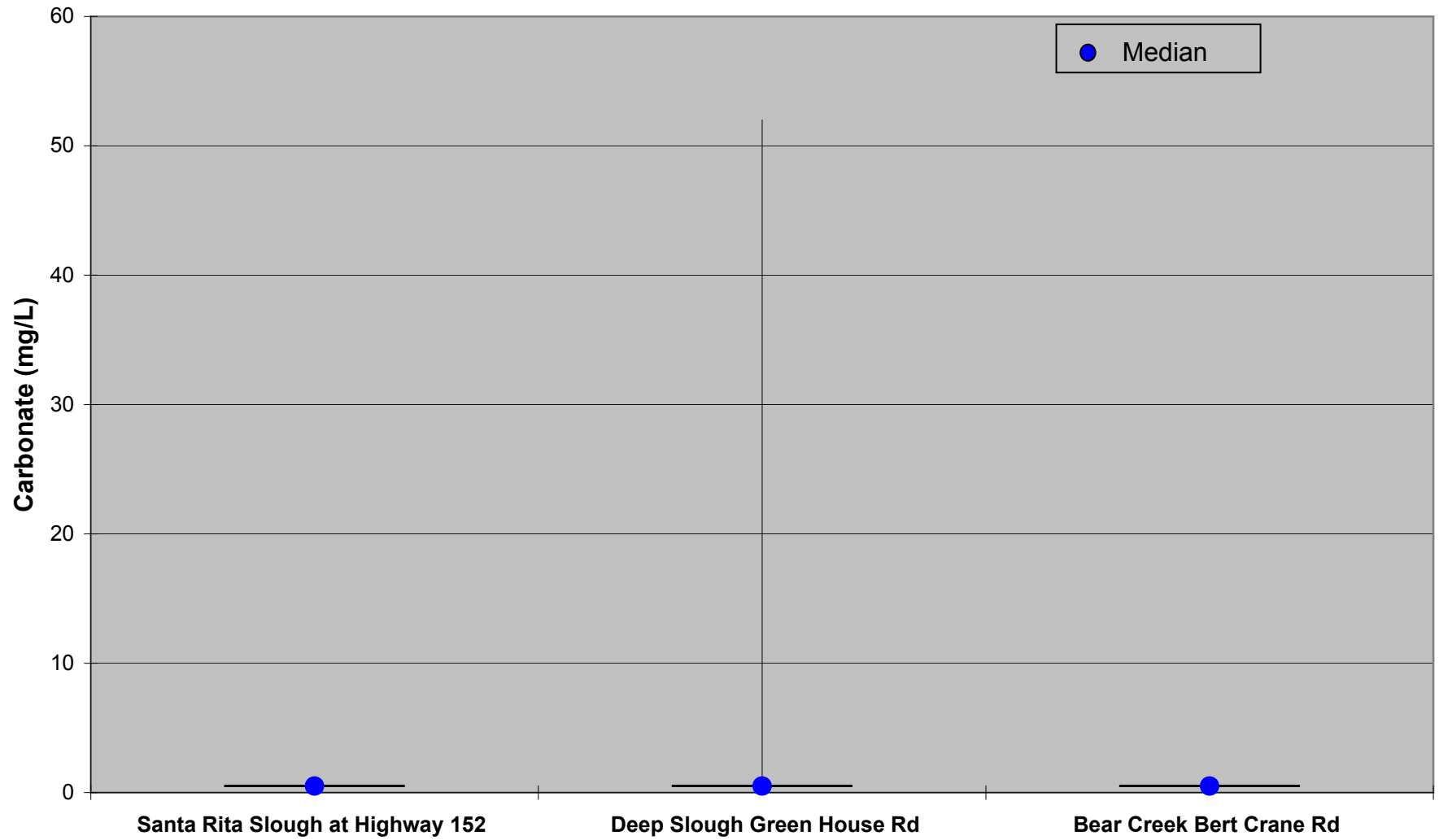
San Joaquin River Southeast Basin Total Dissolved Solids WY01-WY03



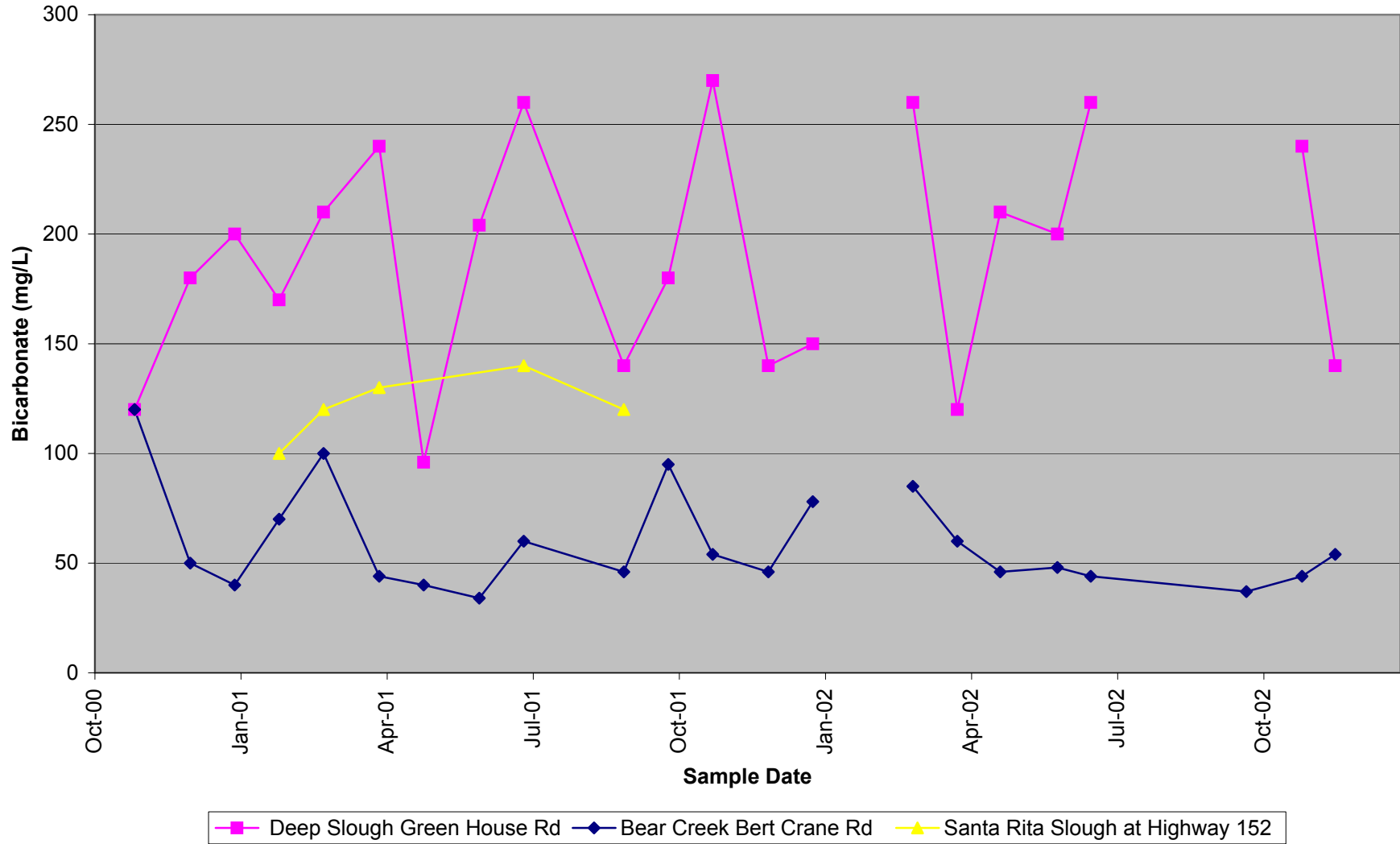
San Joaquin River Southeast Basin Carbonate WY01-WY03



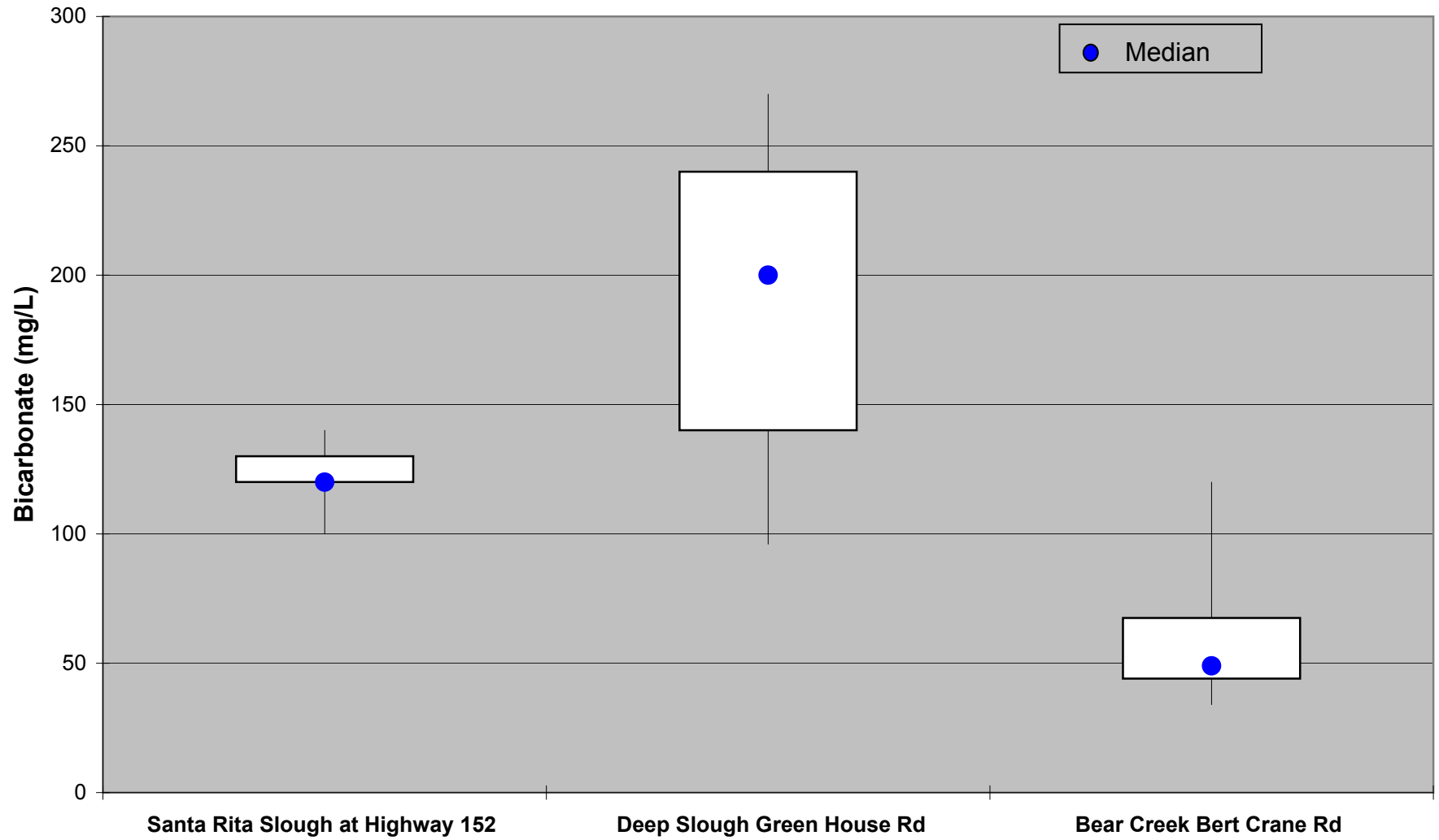
San Joaquin River Southeast Basin Carbonate WY01-WY03



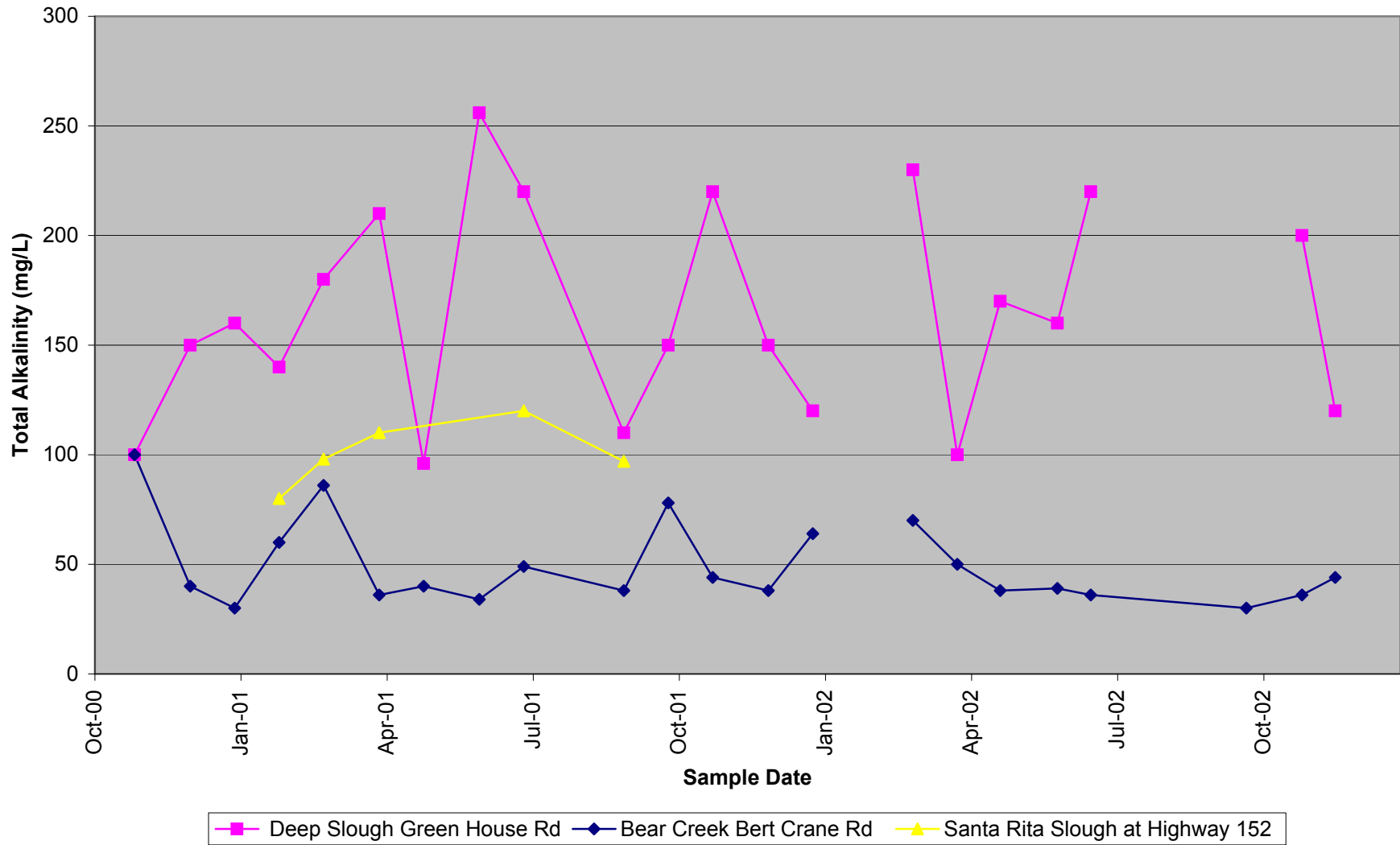
San Joaquin River Southeast Basin Bicarbonate WY01-WY03



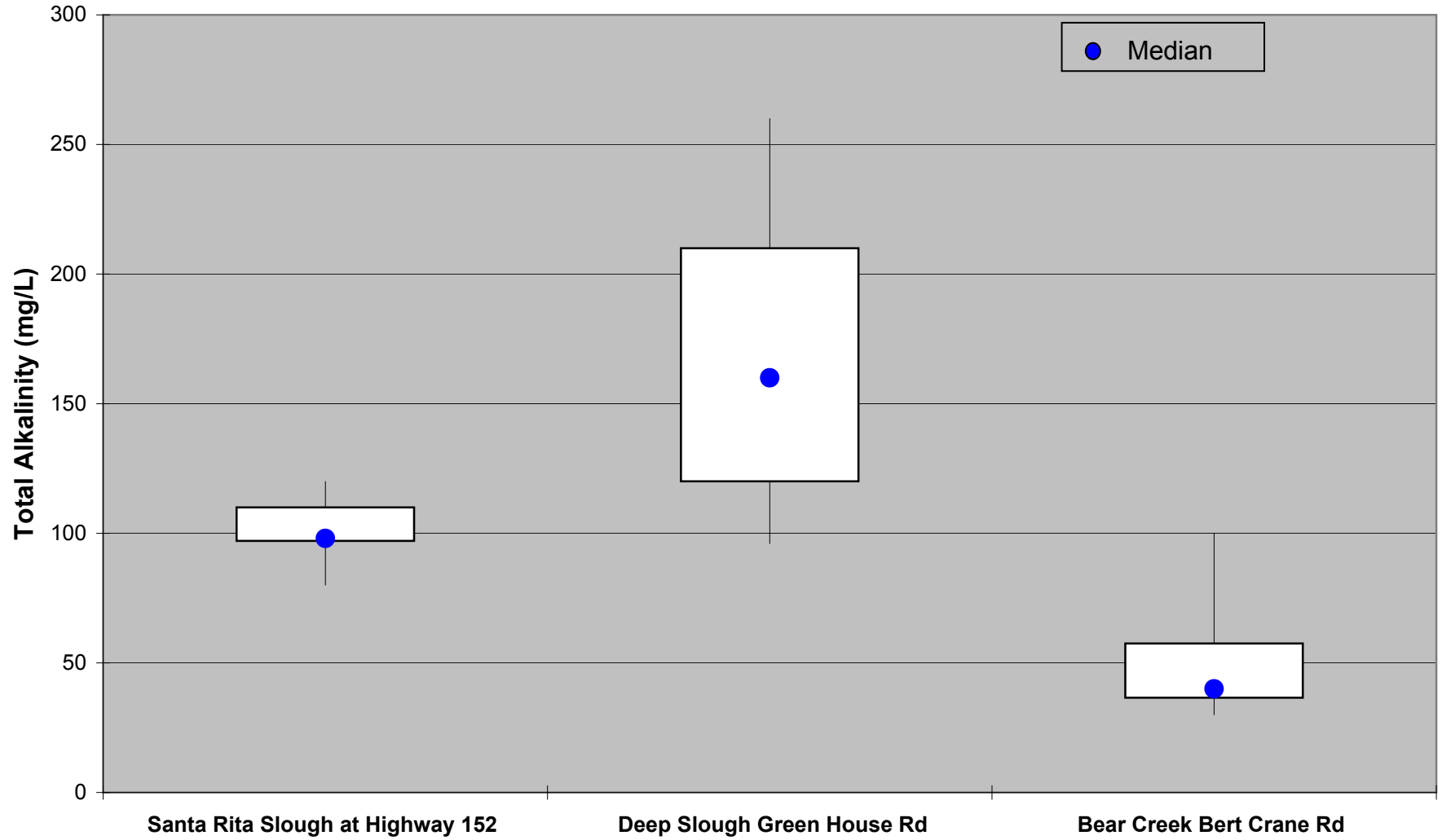
San Joaquin River Southeast Basin Bicarbonate WY01-WY03



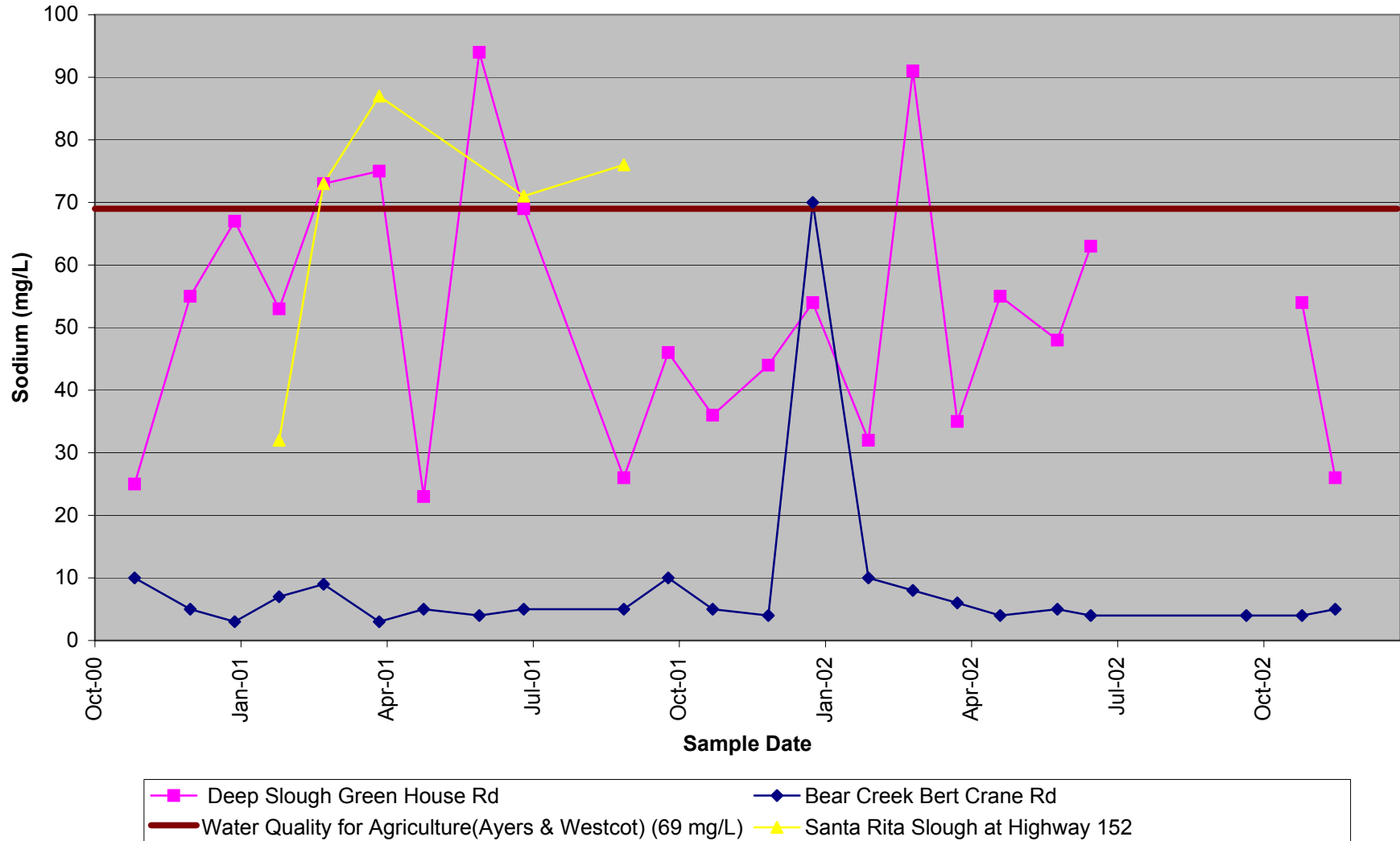
San Joaquin River Southeast Basin Total Alkalinity WY01-WY03



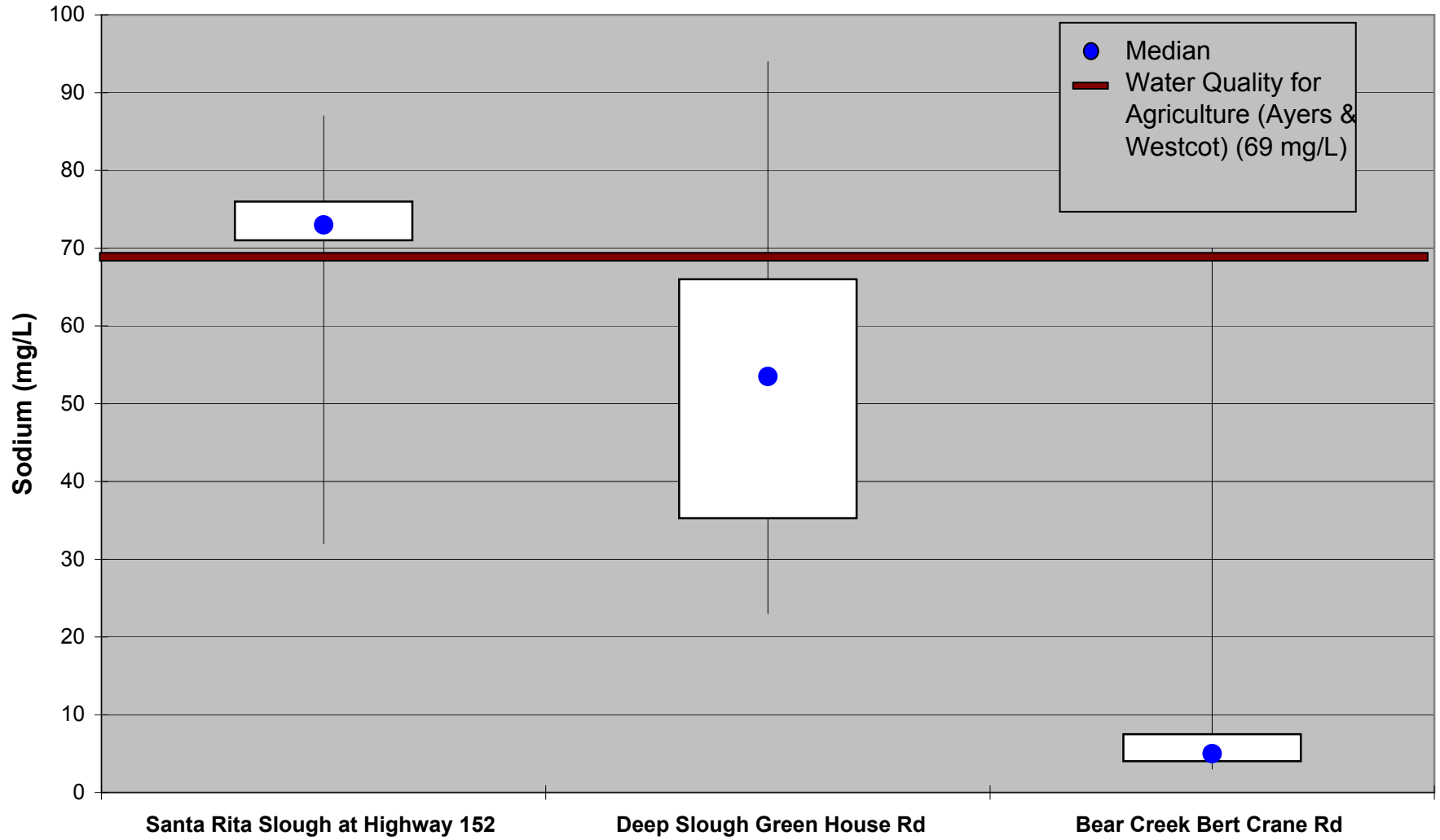
San Joaquin River Southeast Basin Total Alkalinity WY01-WY03



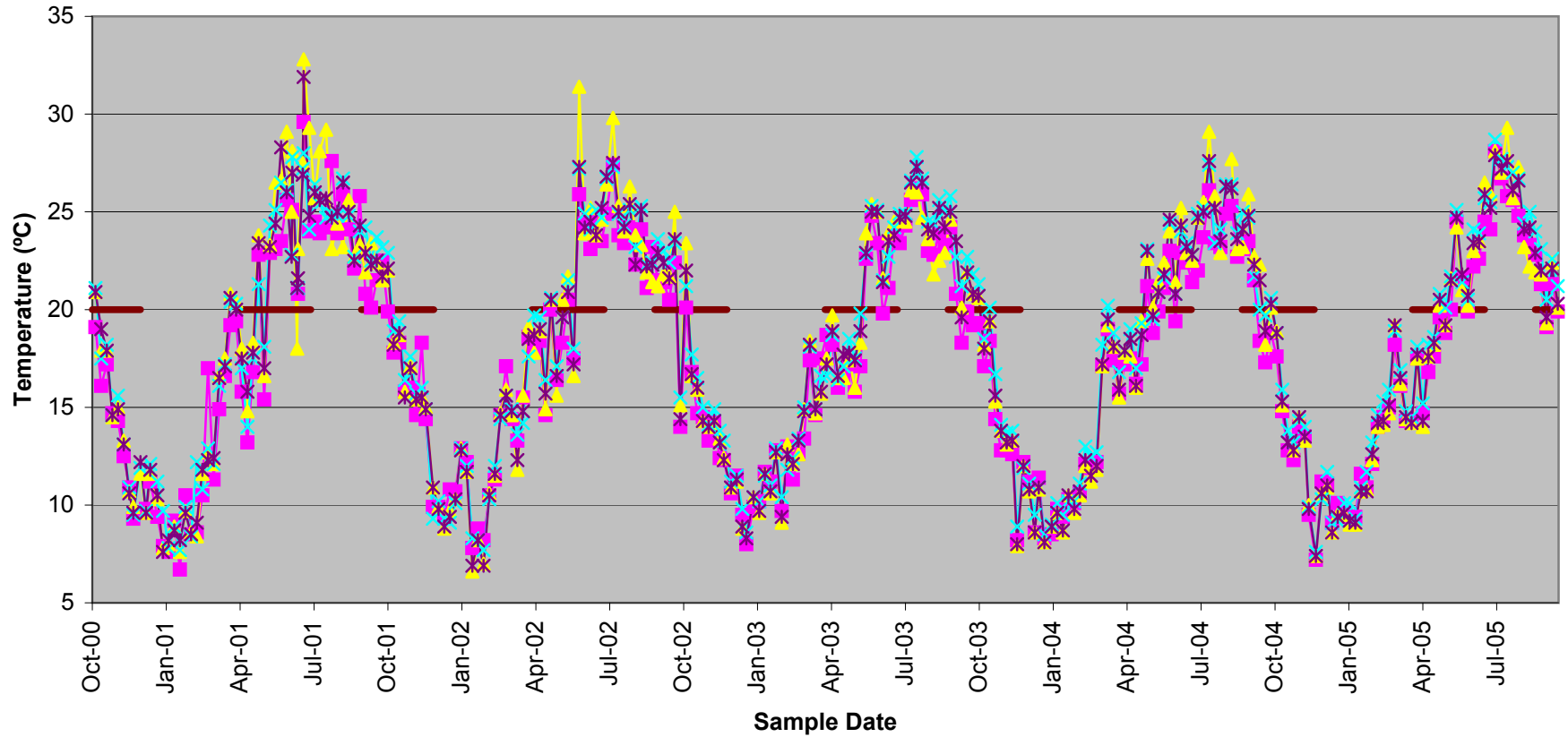
San Joaquin River Southeast Basin Sodium WY01-WY03



San Joaquin River Southeast Basin Sodium WY01-WY03

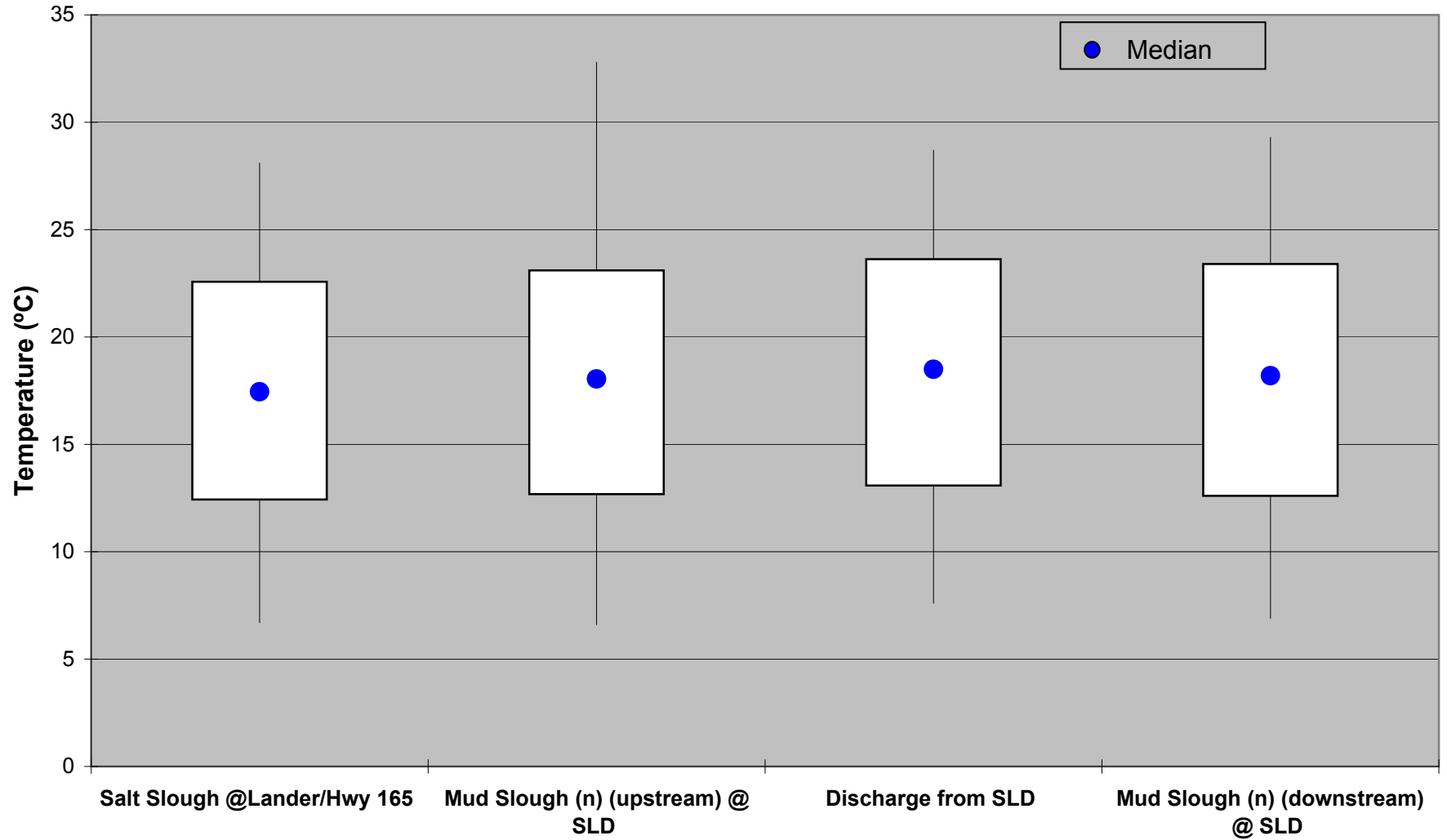


San Joaquin River Grassland Basin Temperature WY01-WY05

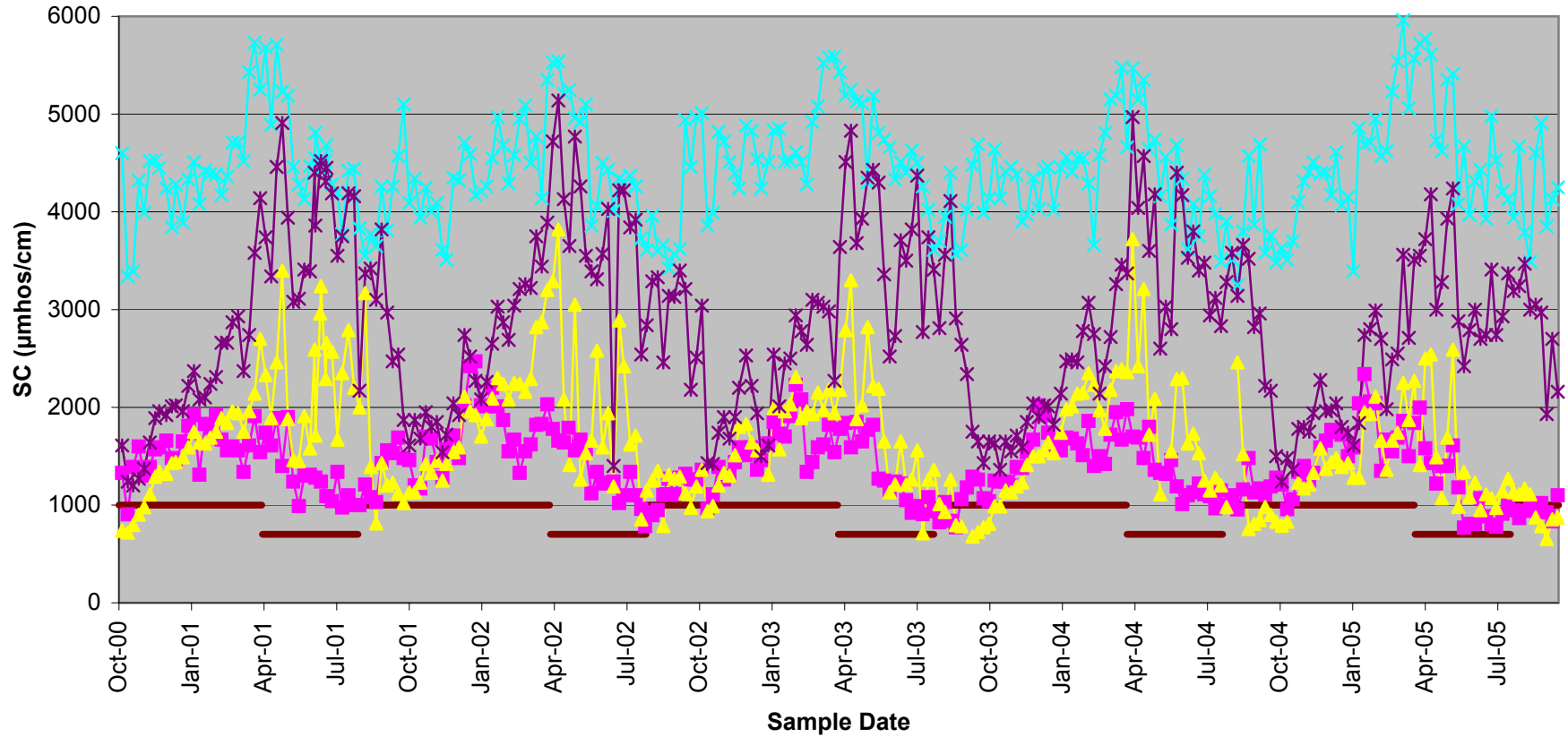


- Salt Slough @Lander/Hwy 165
- ▲ Mud Slough (n) (upstream) @ San Luis Drain
- ✕ Discharge from SLD
- ✱ Mud Slough (n) (downstream) @ San Luis Drain
- Bay-Delta Authority Target, SJR @ Vernalis (Apr 1-Jun 30 & Sept 1- Nov 30, 20°C)

San Joaquin River Grassland Basin Temperature WY01 - WY05

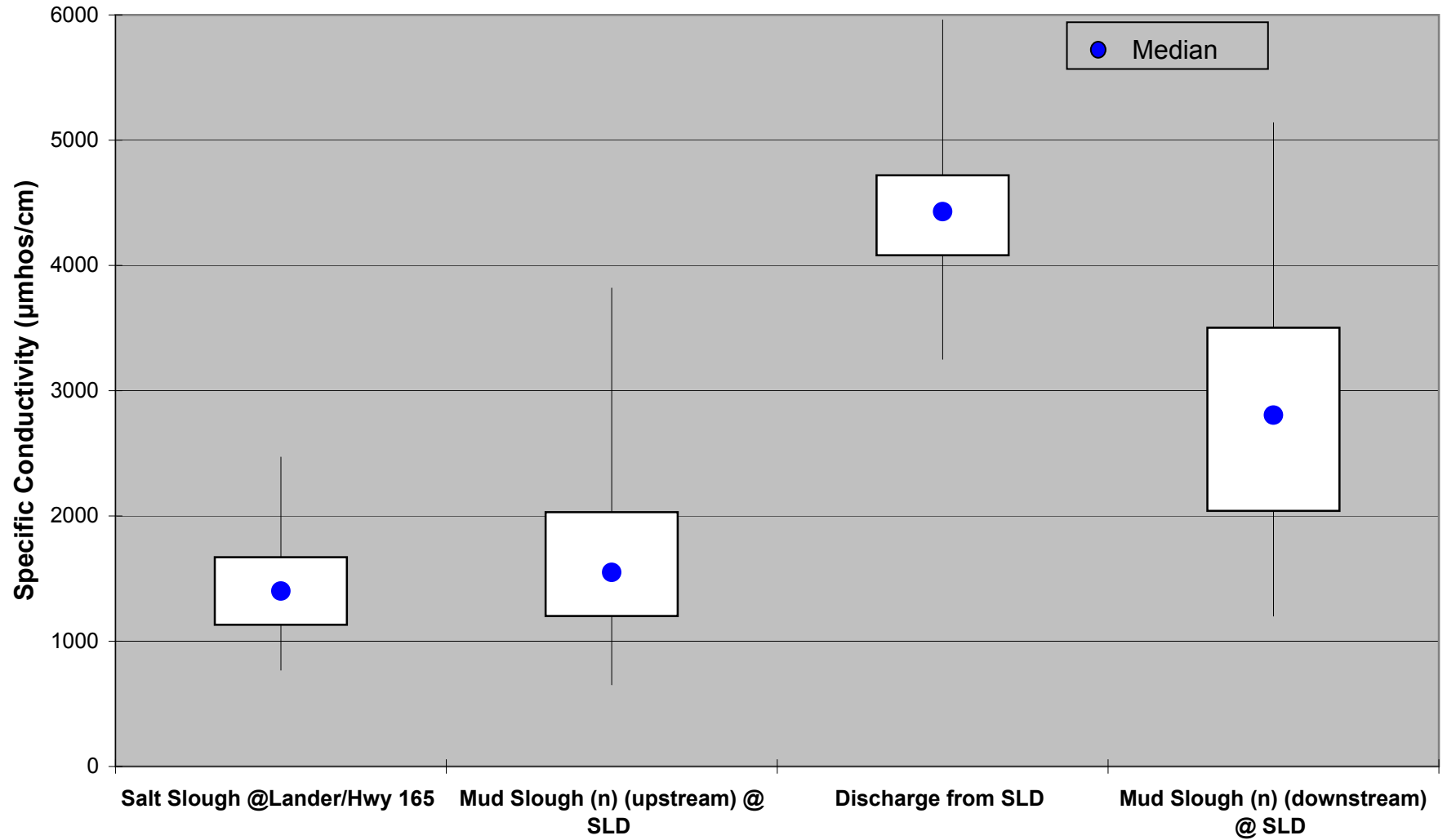


San Joaquin River Grassland Basin Specific Conductivity WY01-WY05

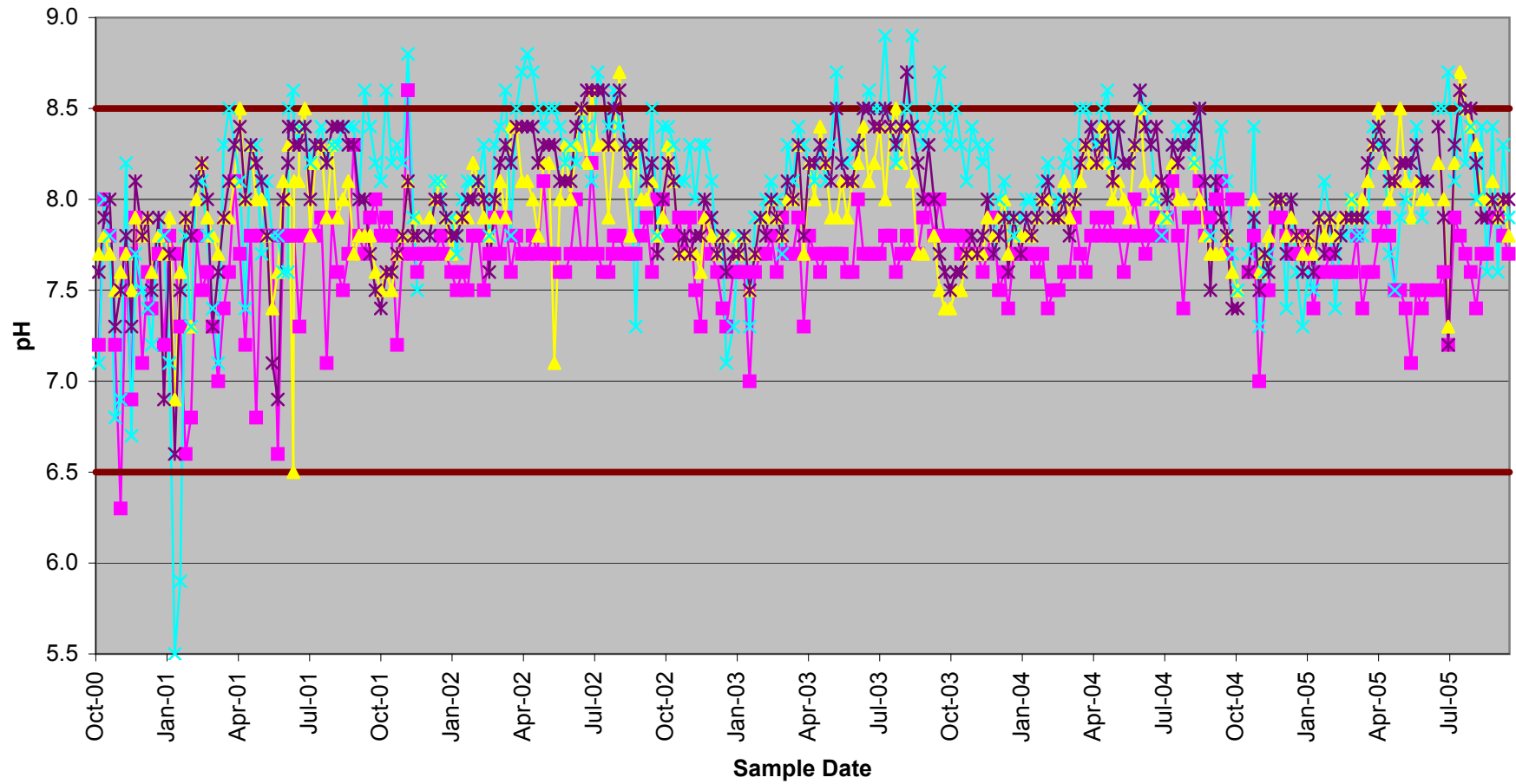


- Salt Slough @Lander/Hwy 165
- ▲ Mud Slough (n) (upstream) @ San Luis Drain
- ✧ Discharge from SLD
- * Mud Slough (n) (downstream) @ San Luis Drain
- Basin Plan Objective (Apr 1-Aug 31, 700 µmhos/cm; Sep 1-Mar 31, 1000 µmhos/cm)

San Joaquin River Grassland Basin Specific Conductivity WY01- WY05

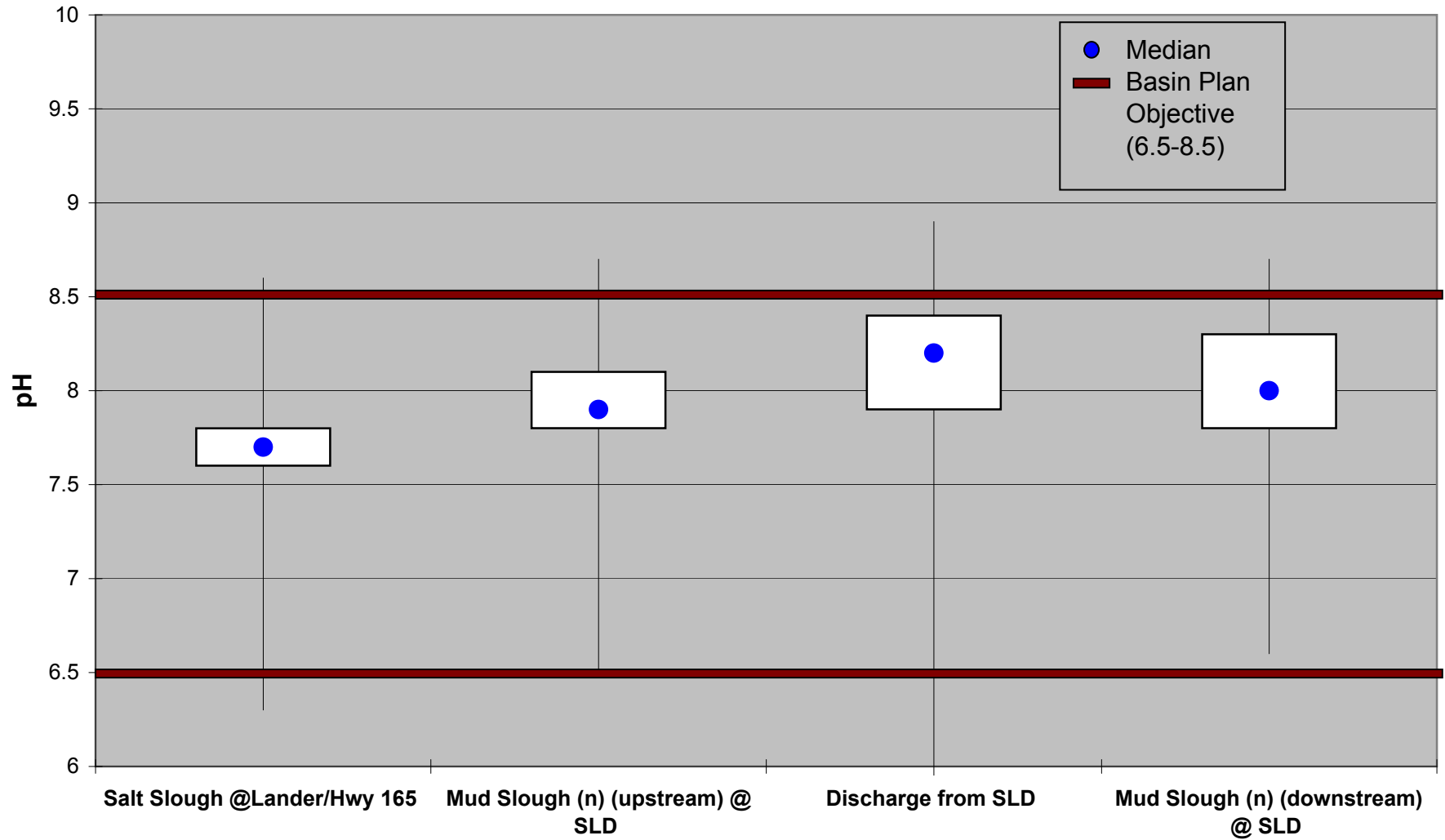


San Joaquin River Grassland Basin pH WY01-WY05

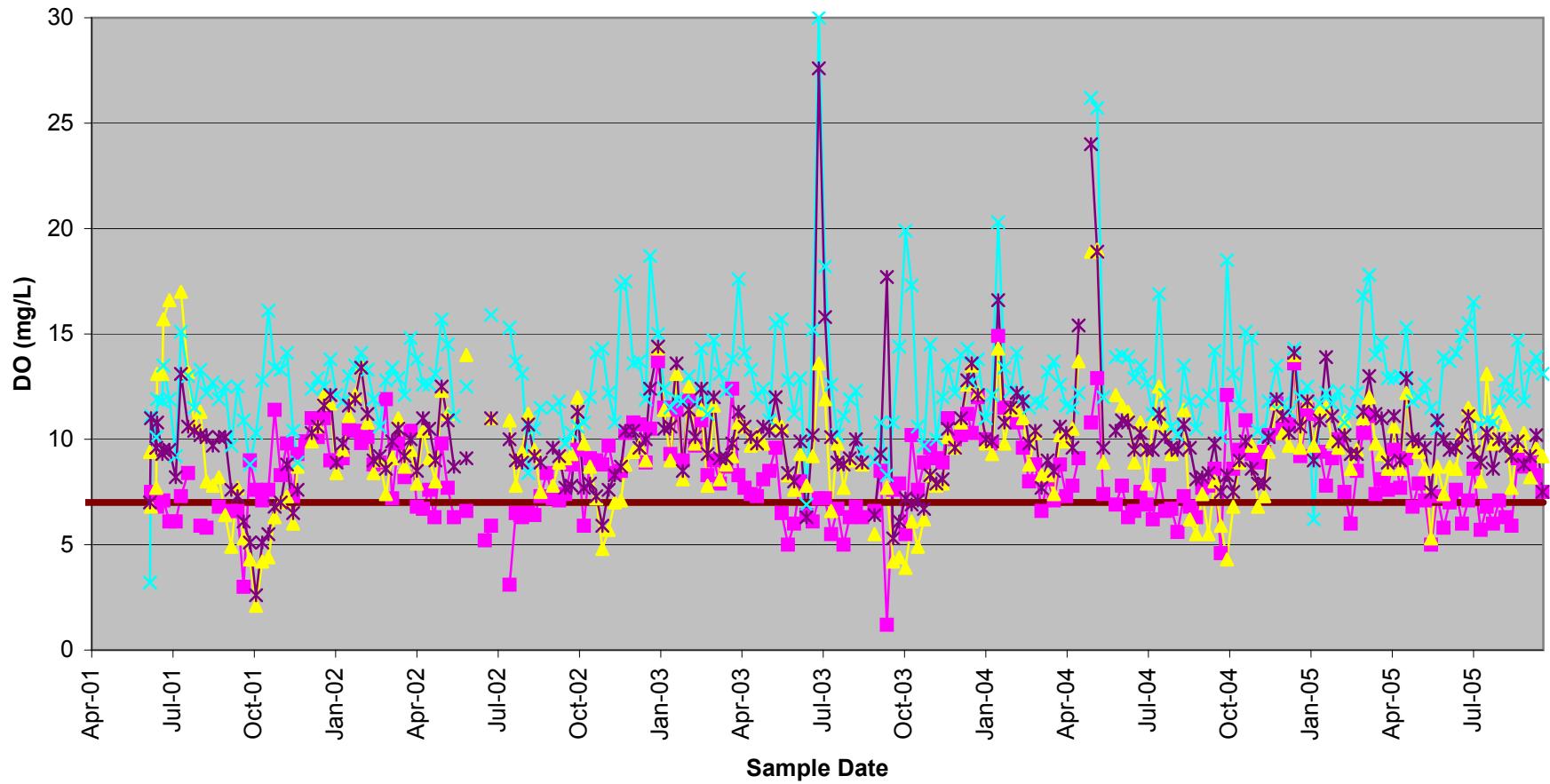


- Salt Slough @Lander/Hwy 165
- Mud Slough (n) (upstream) @ San Luis Drain
- Discharge from SLD
- Mud Slough (n) (downstream) @ San Luis Drain
- Basin Plan Objective (6.5-8.5)

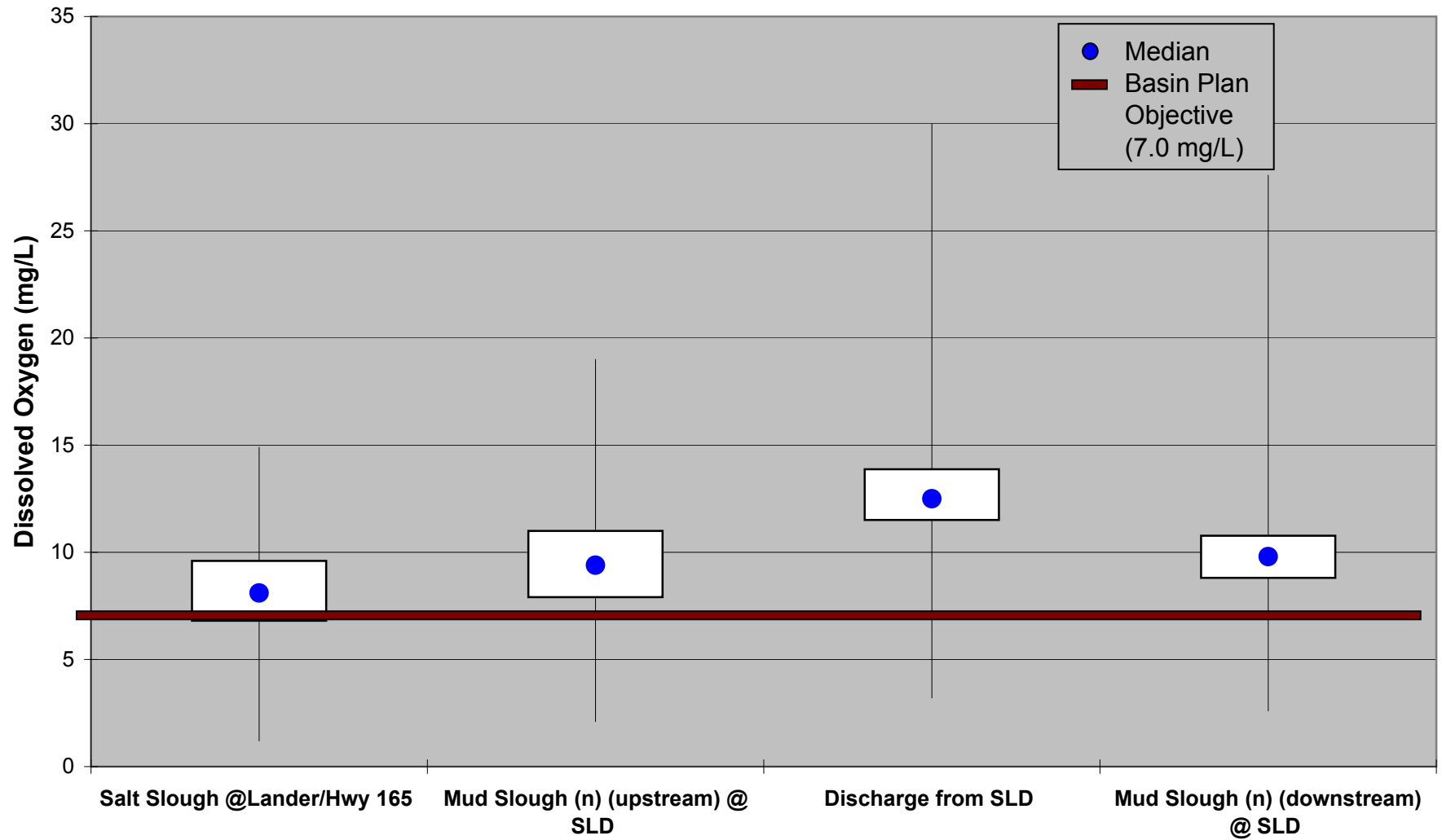
San Joaquin River Grassland Basin pH WY01- WY05



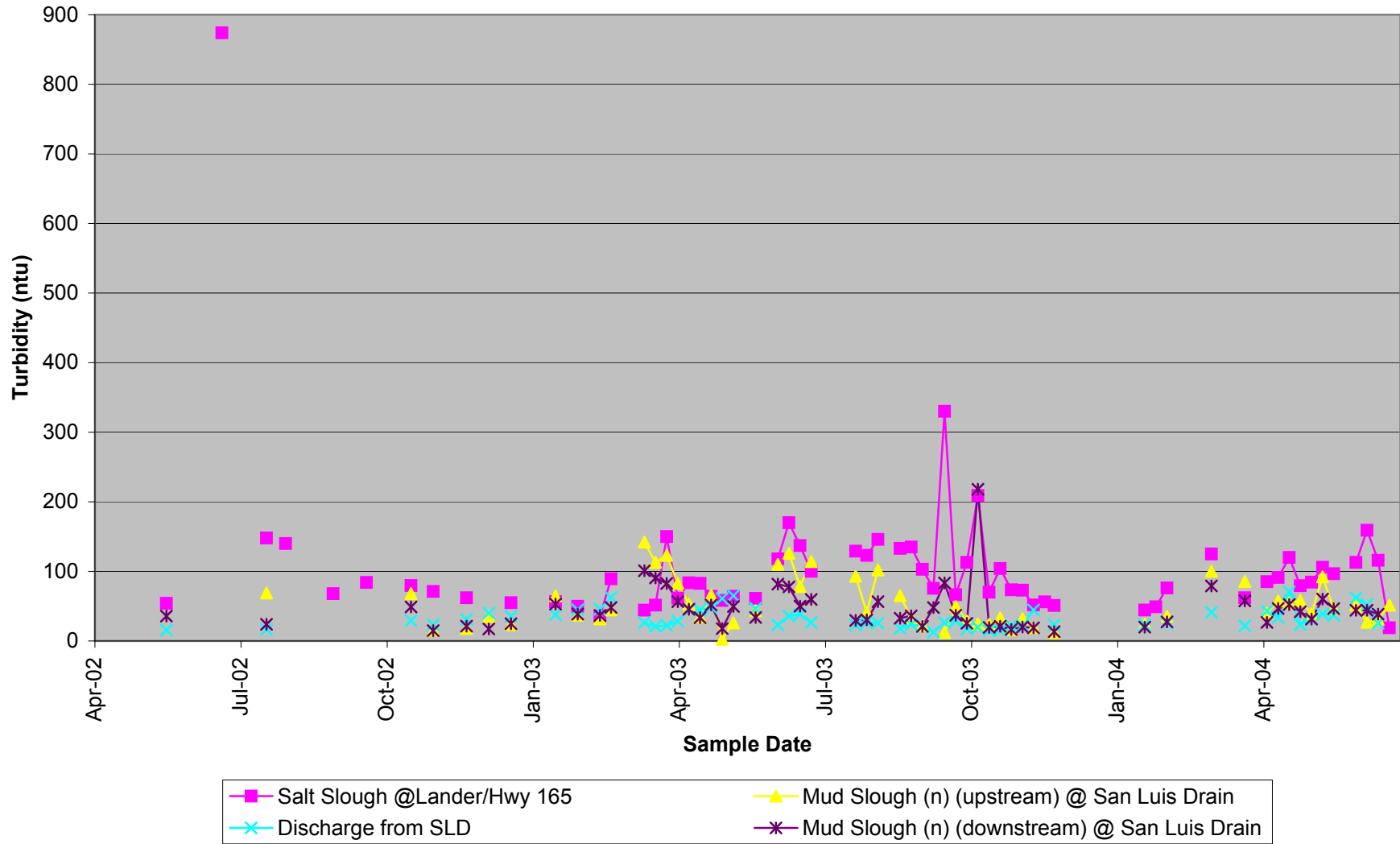
San Joaquin River Grassland Basin Dissolved Oxygen WY01-WY05



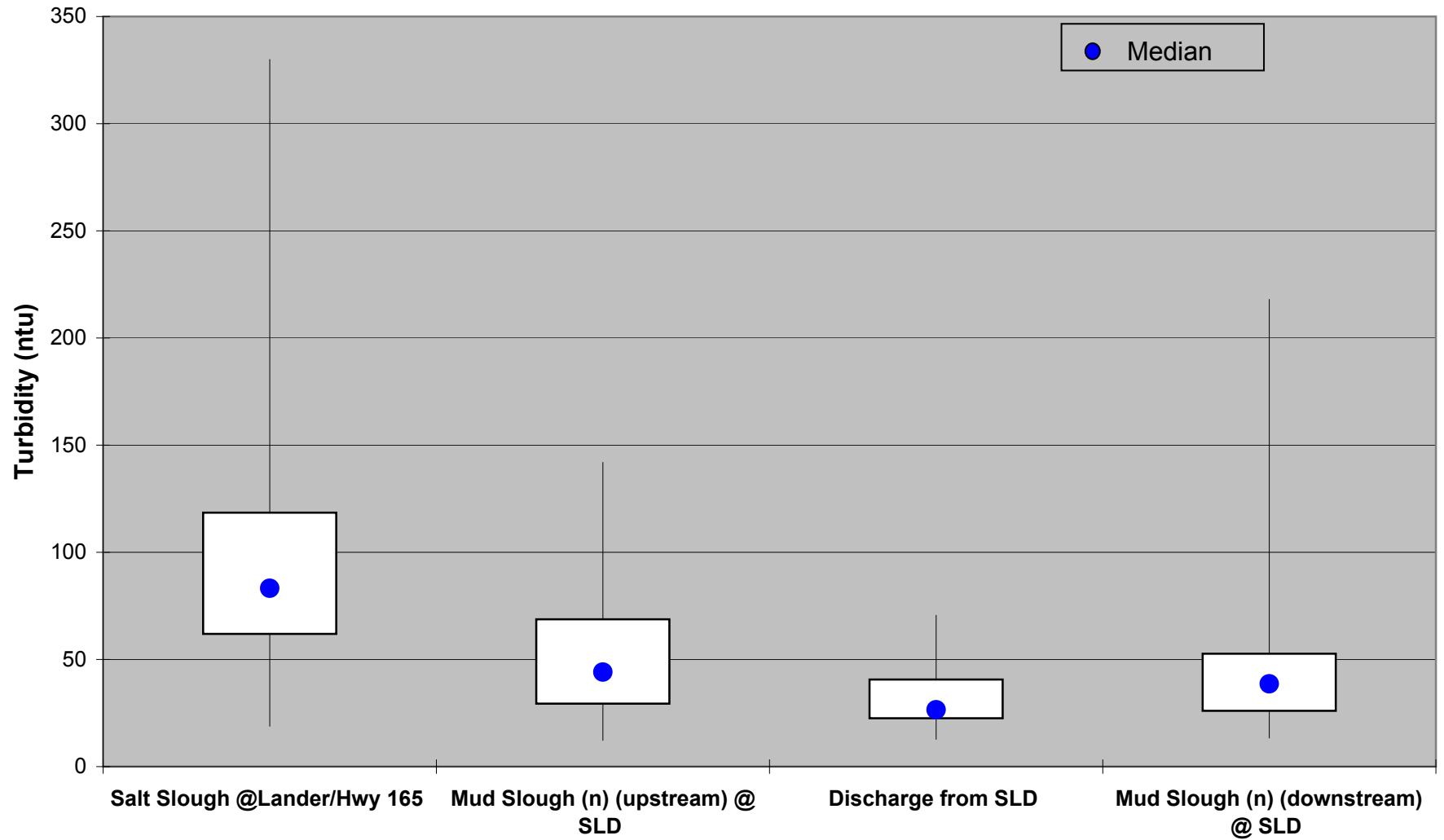
San Joaquin River Grassland Basin Dissolved Oxygen WY01- WY05



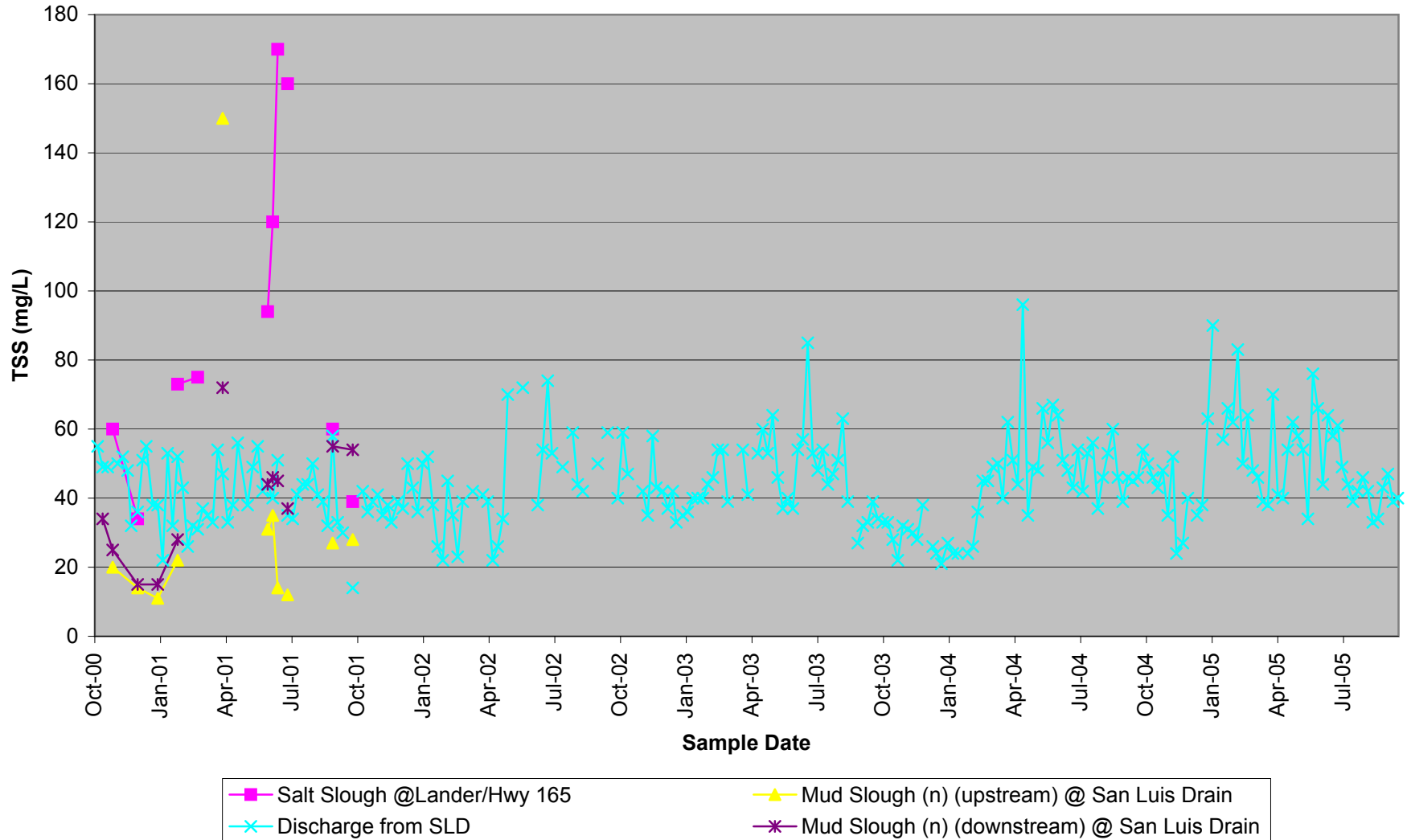
San Joaquin River Grassland Basin Turbidity WY01-WY05



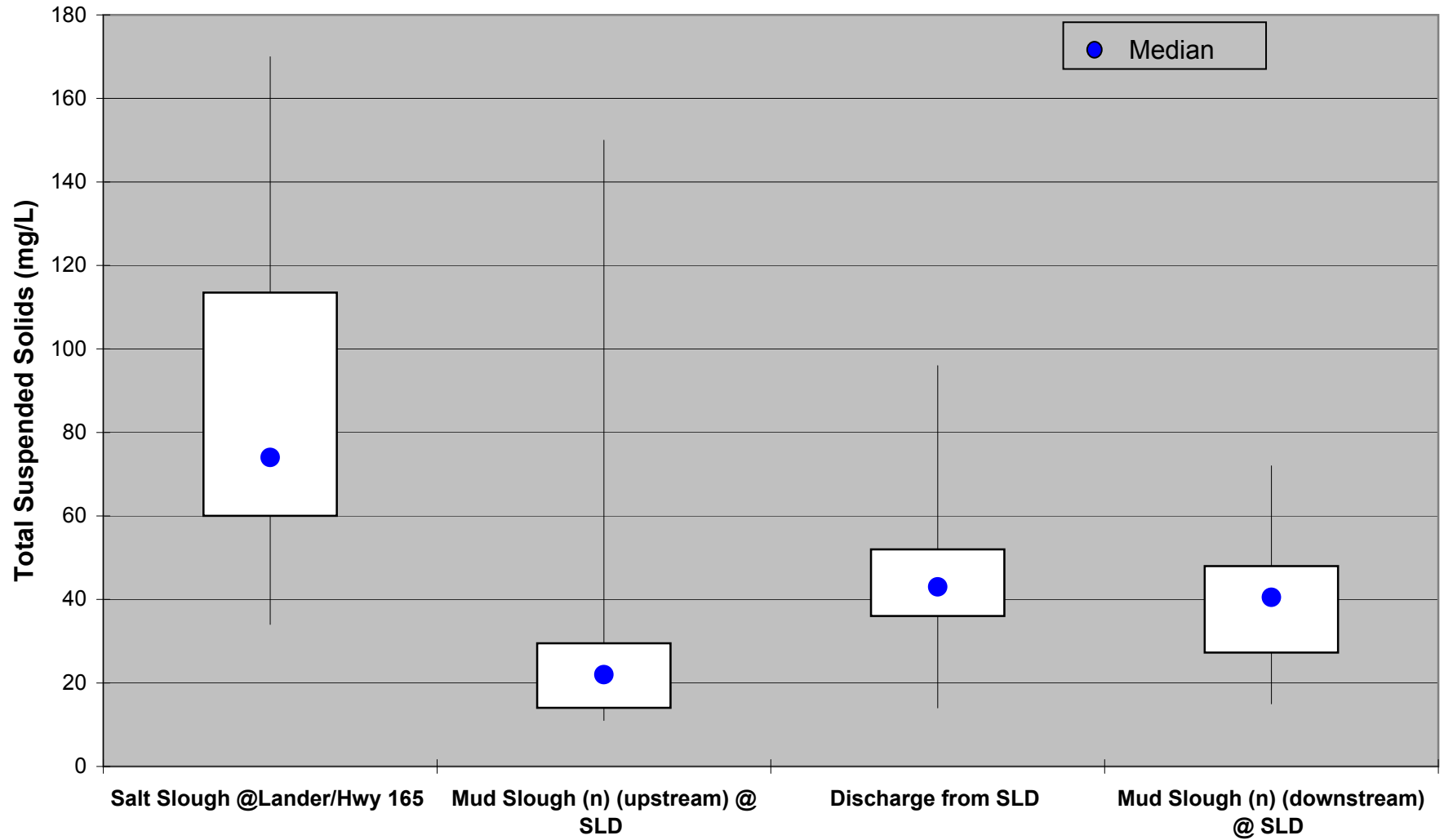
San Joaquin River Grassland Basin Turbidity WY02- WY04



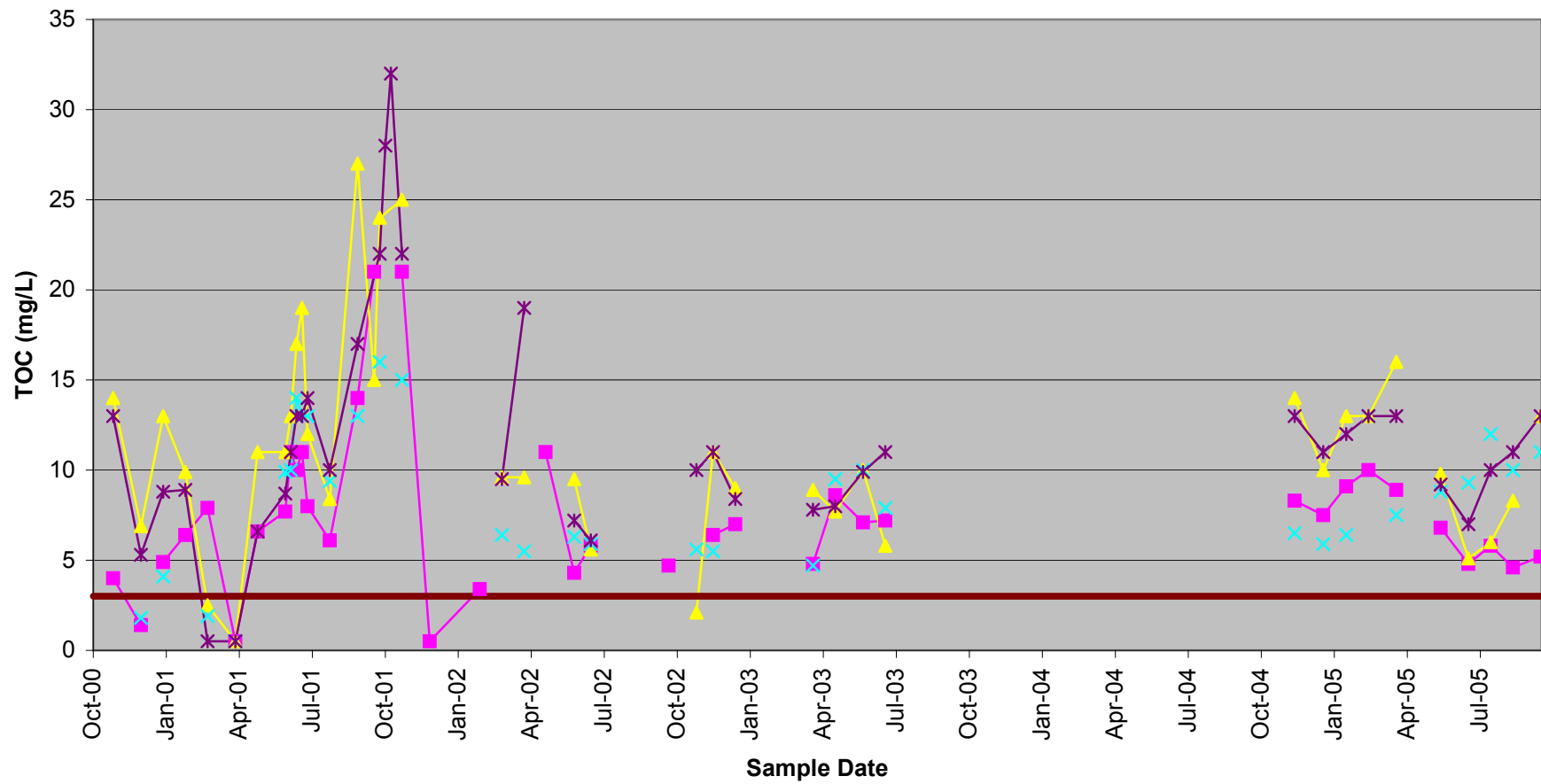
San Joaquin River Grassland Basin Total Suspended Solids WY01-WY05



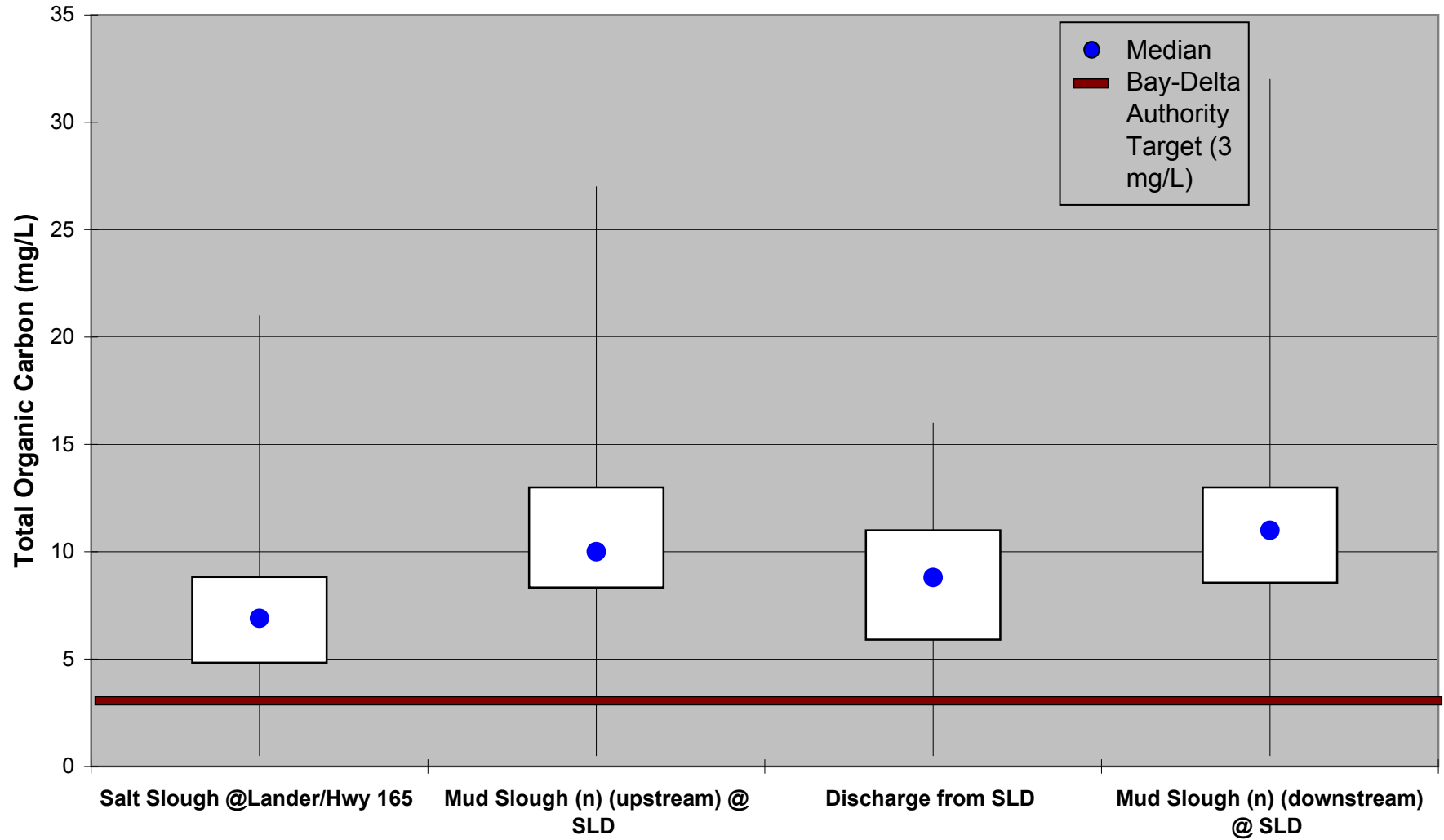
San Joaquin River Grassland Basin Total Suspended Solids WY01- WY05



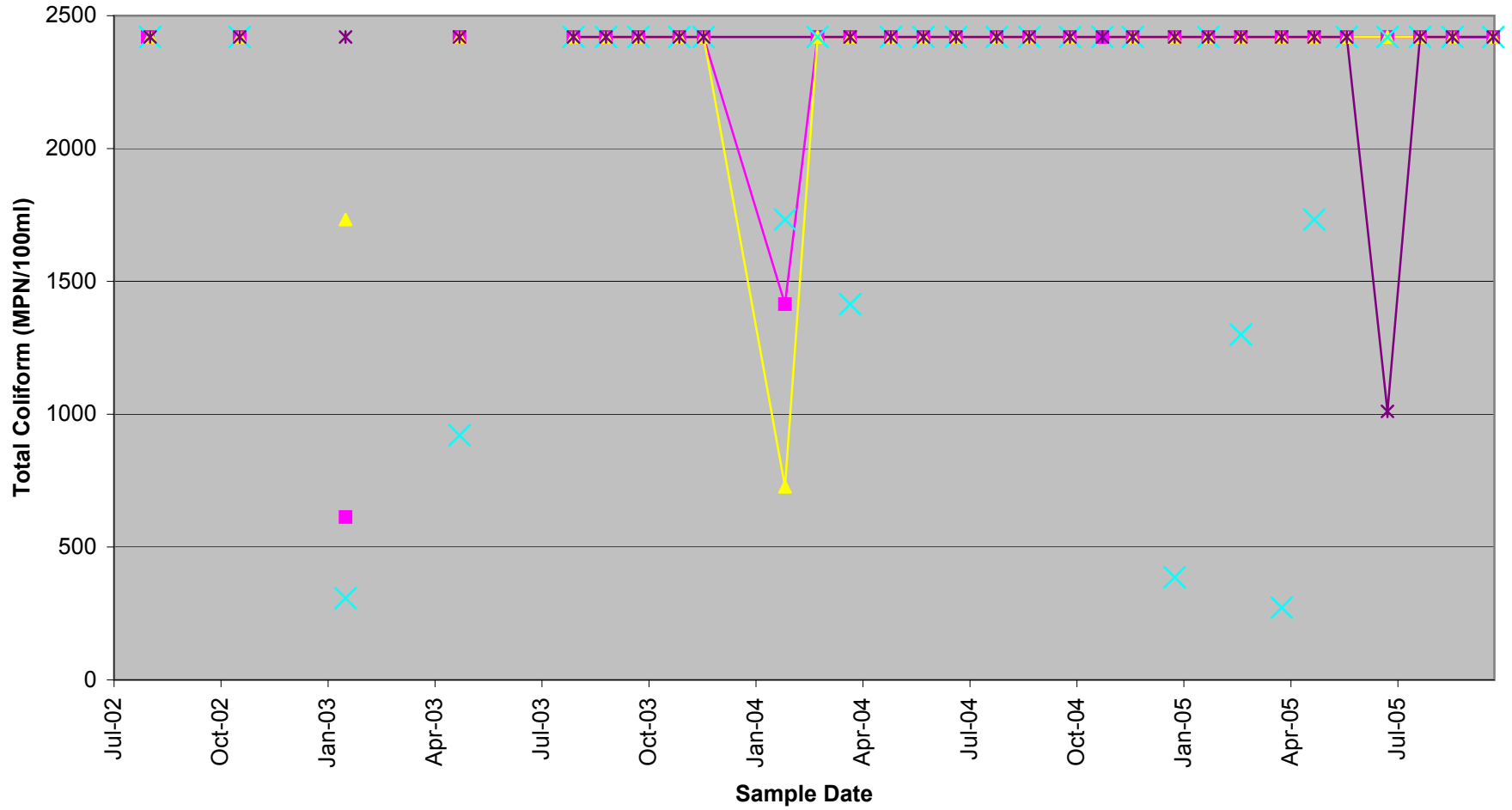
San Joaquin River Grassland Basin Total Organic Carbon WY01-WY05



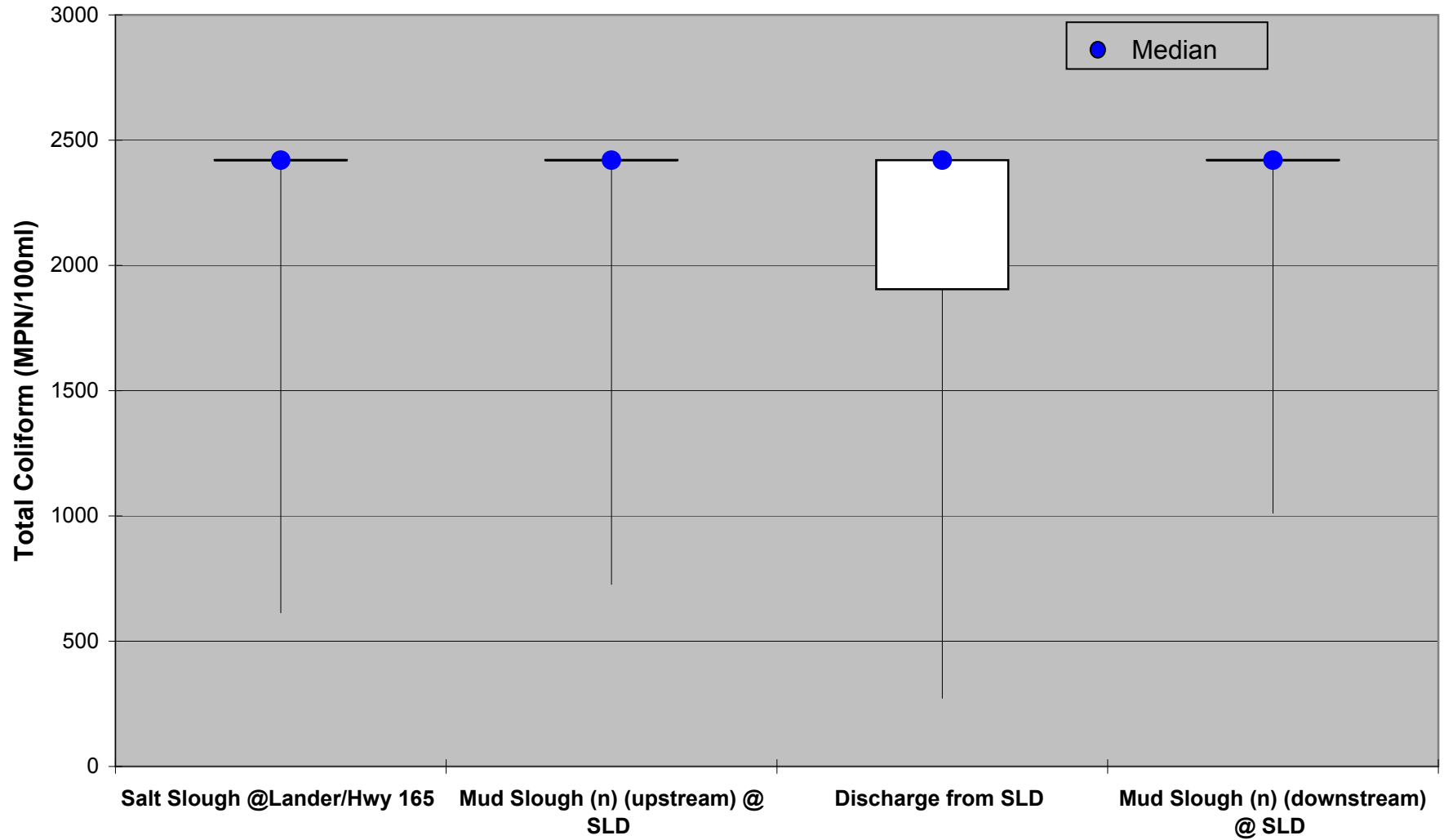
San Joaquin River Grassland Basin Total Organic Carbon WY01- WY05



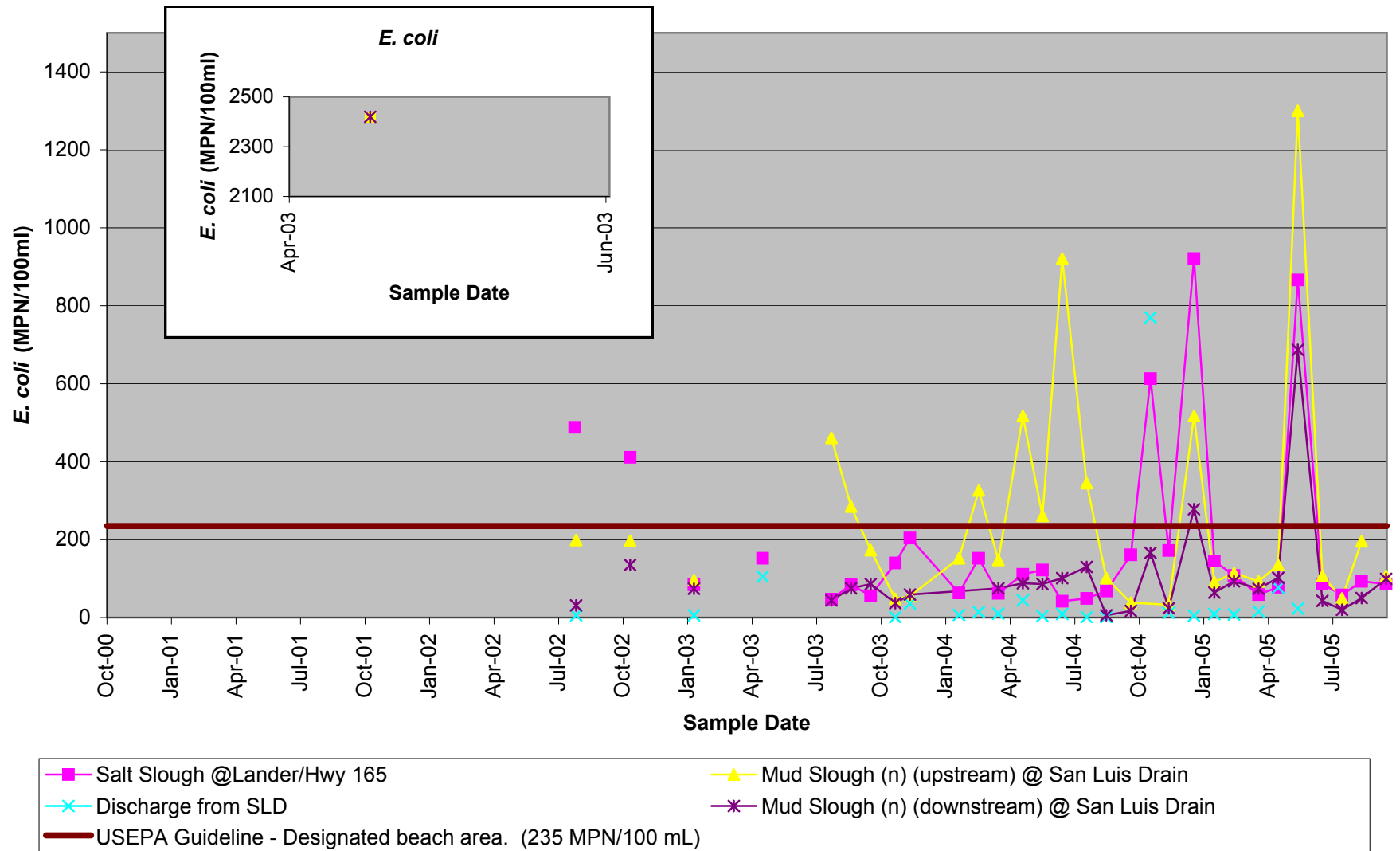
San Joaquin River Grassland Basin Total Coliform WY02-WY05



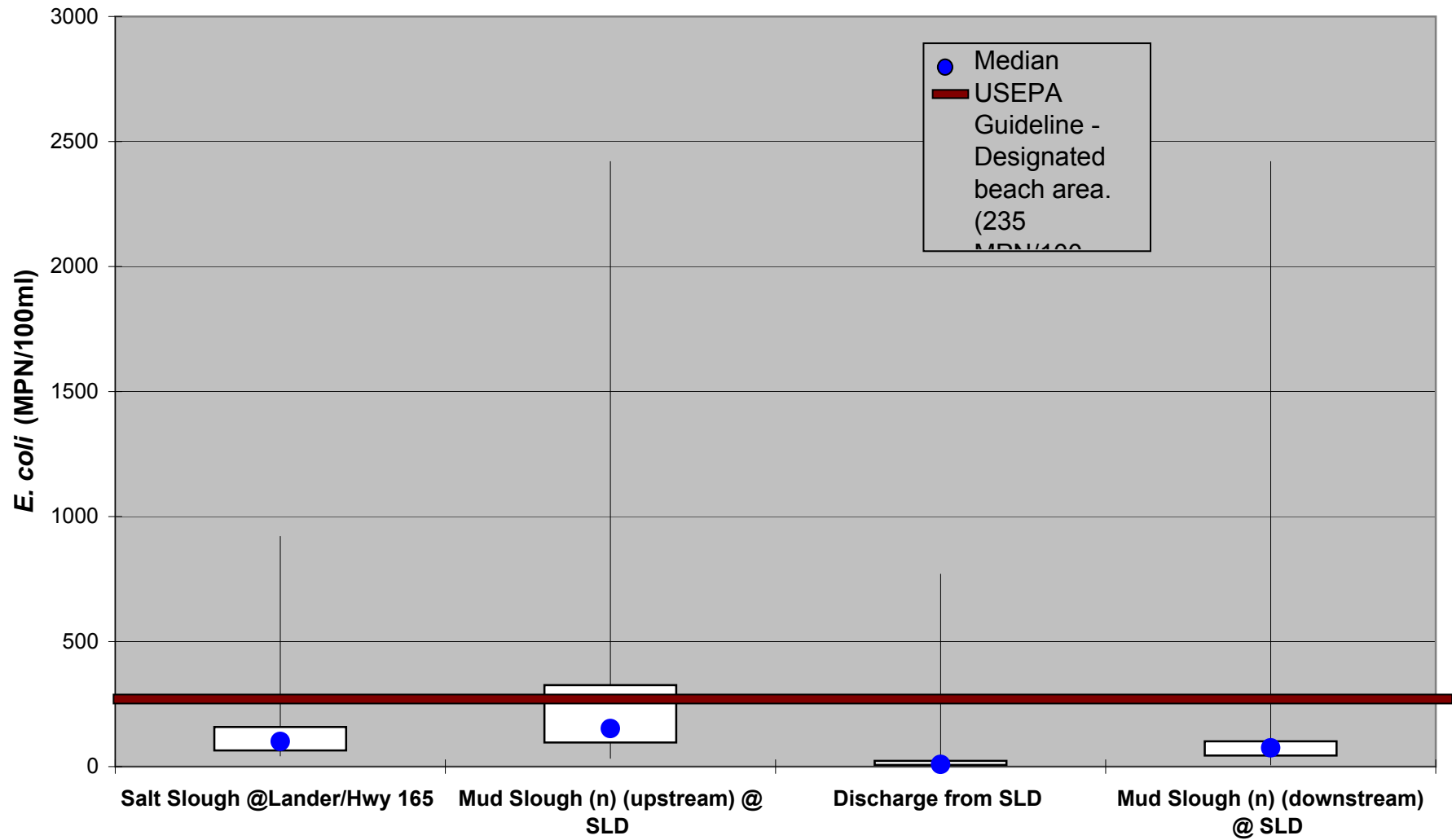
San Joaquin River Grassland Basin Total Coliform WY02- WY05



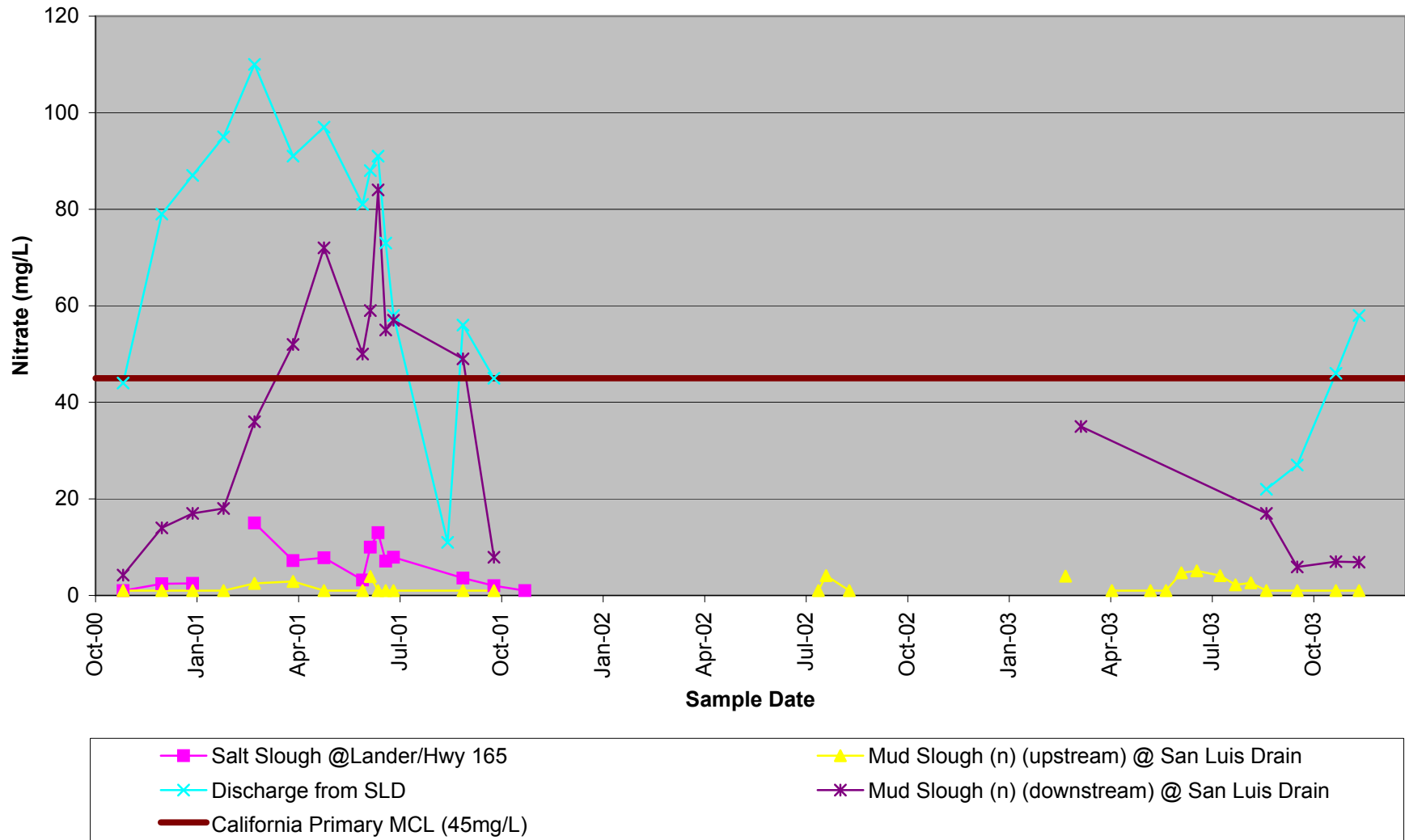
San Joaquin River Grassland Basin *E. coli* WY02-WY05



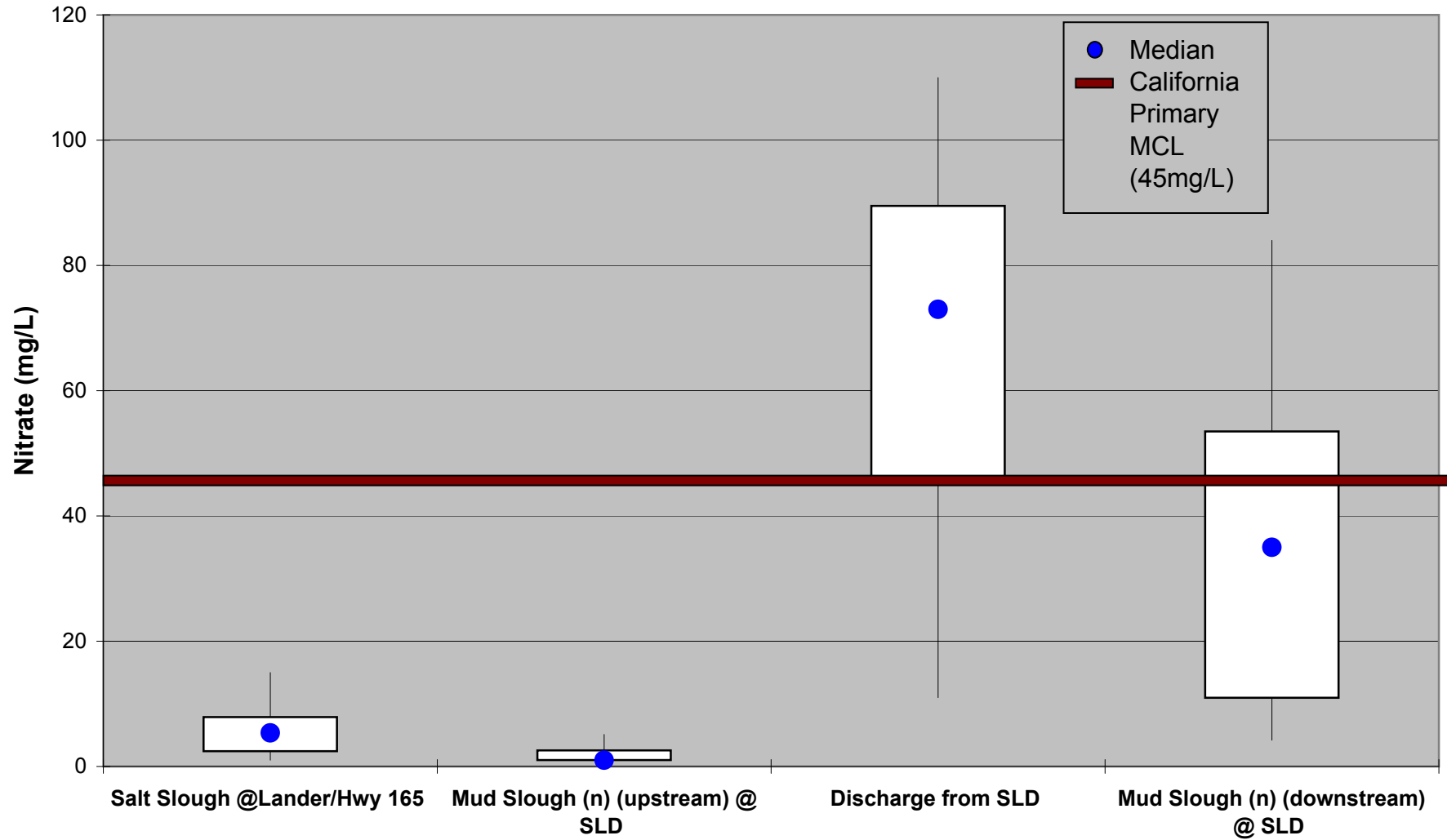
San Joaquin River Grassland Basin *Escherichia coli* WY02-WY05



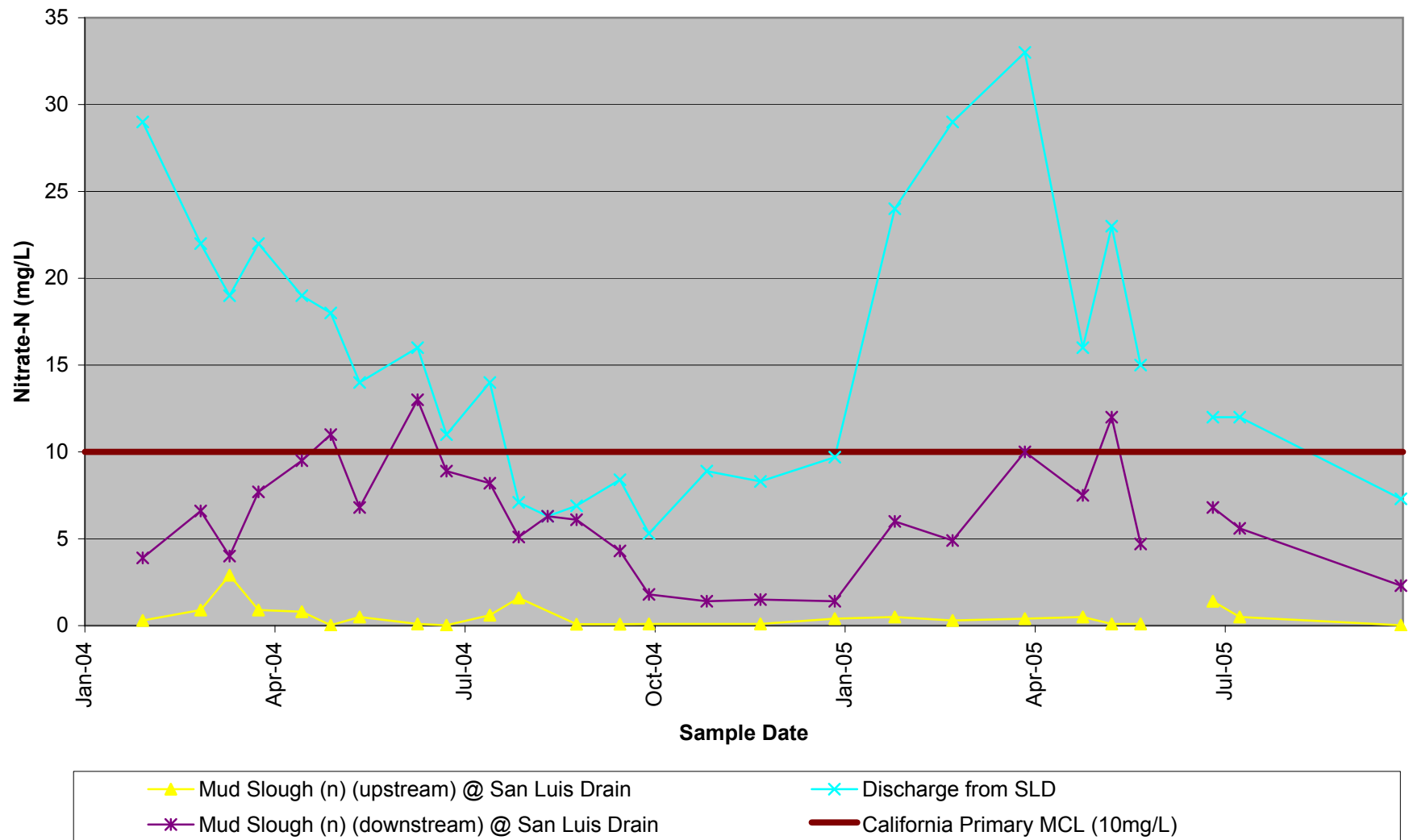
San Joaquin River Grassland Basin Nitrate WY01-WY04



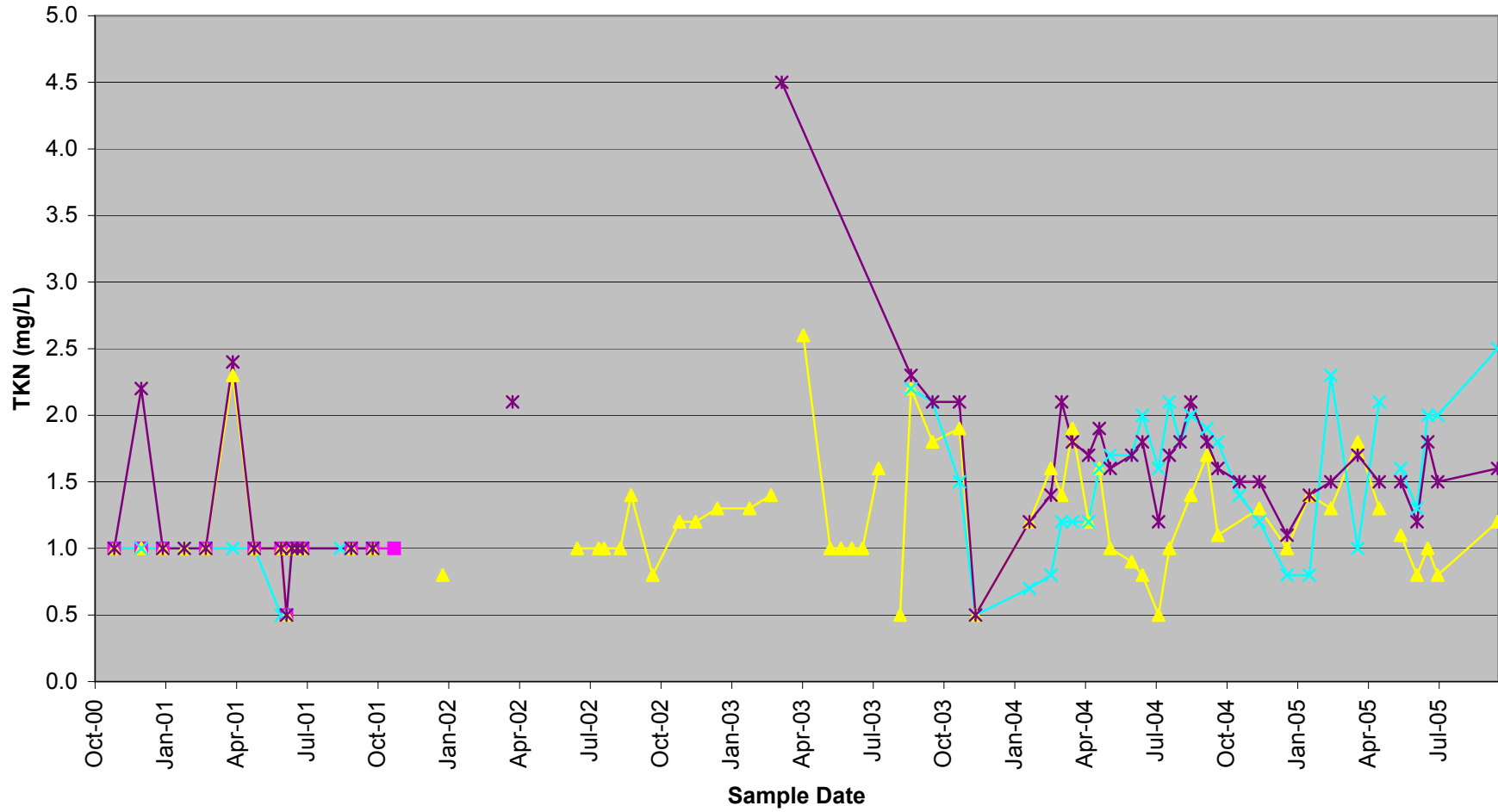
San Joaquin River Grassland Basin Nitrate WY01-WY04



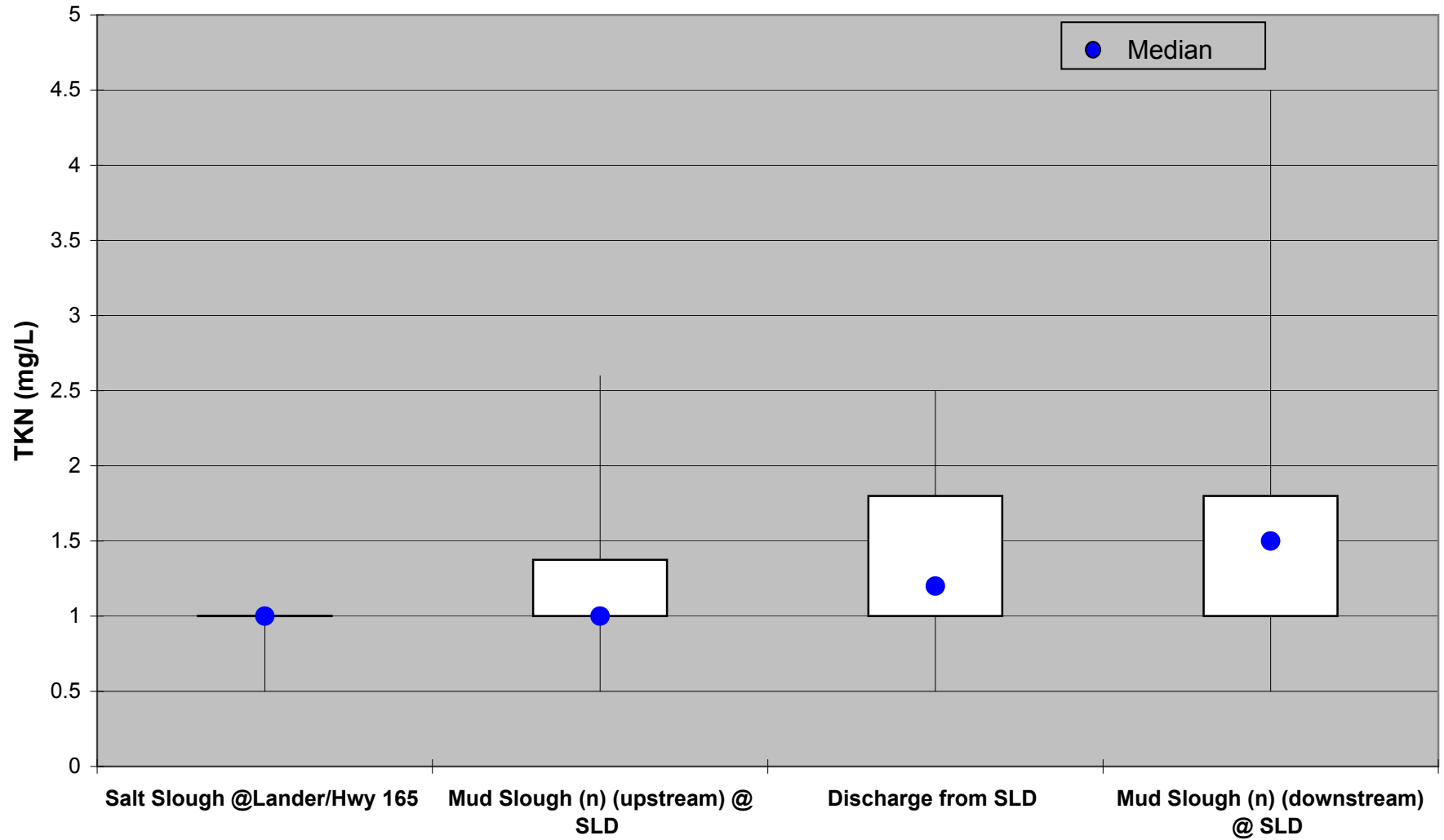
San Joaquin River Grassland Basin Nitrate-N WY04-WY05



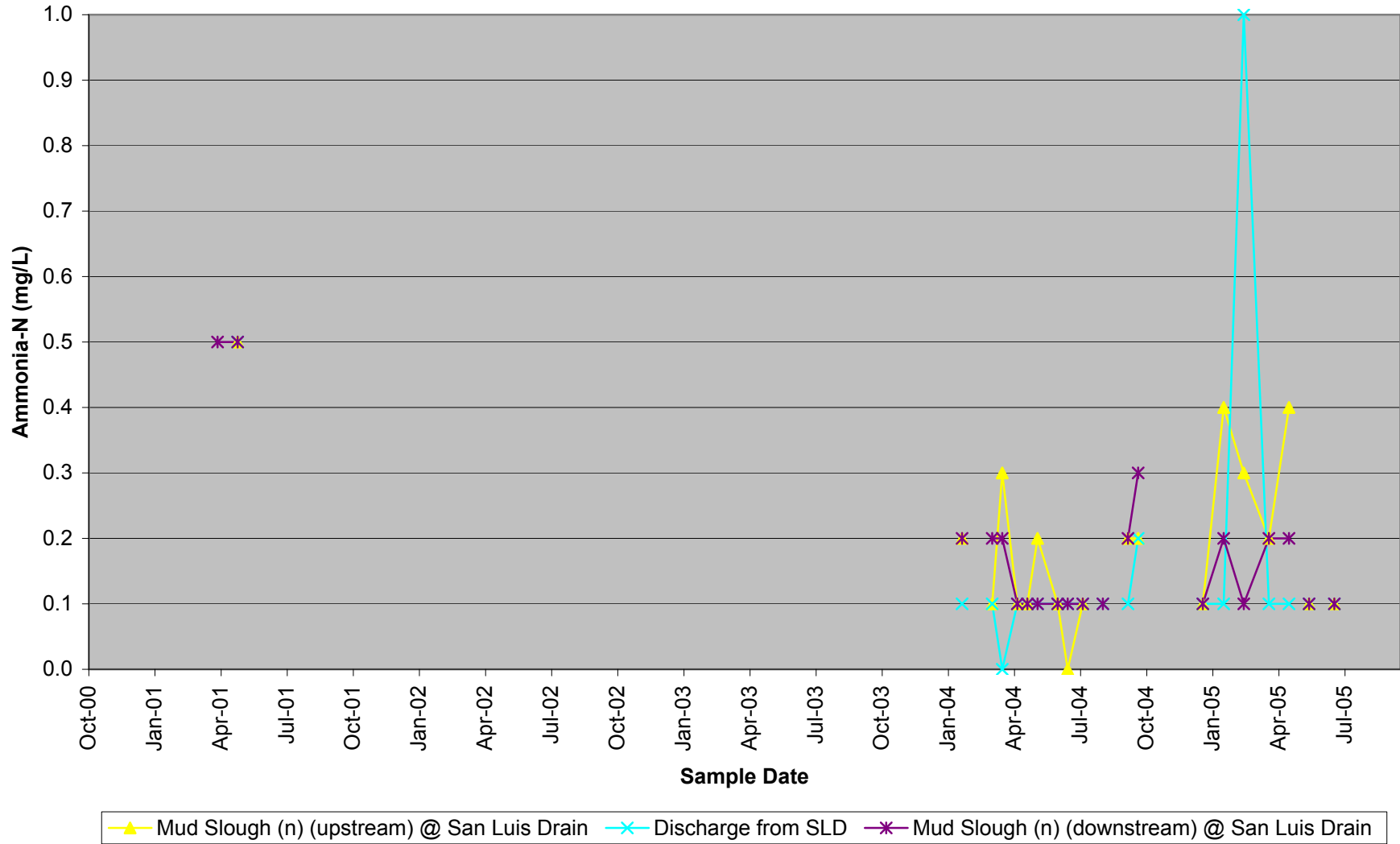
San Joaquin River Grassland Basin Total Kjeldahl Nitrogen WY01-WY05



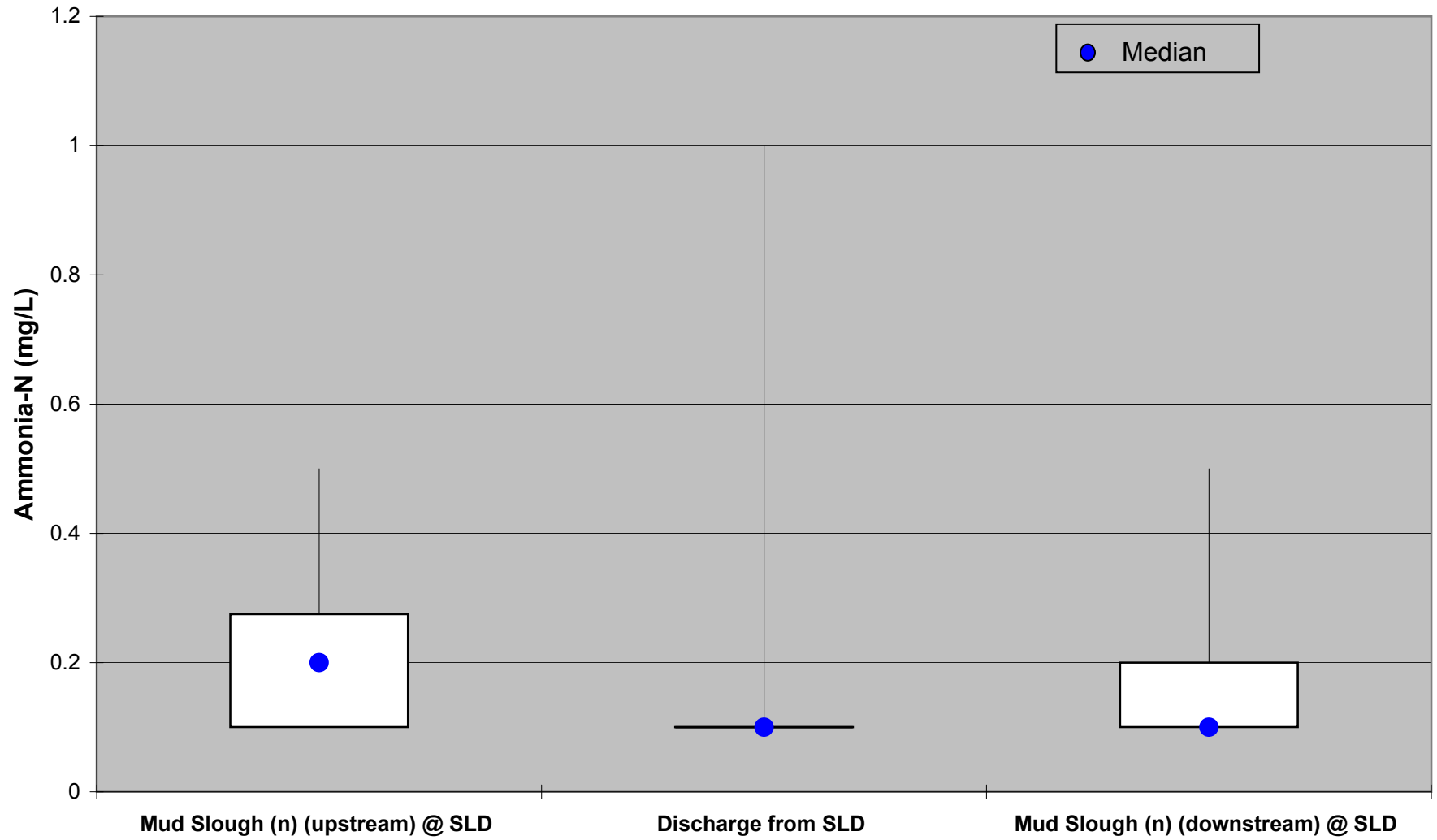
San Joaquin River Grassland Basin Total Kjeldahl Nitrogen WY01-WY05



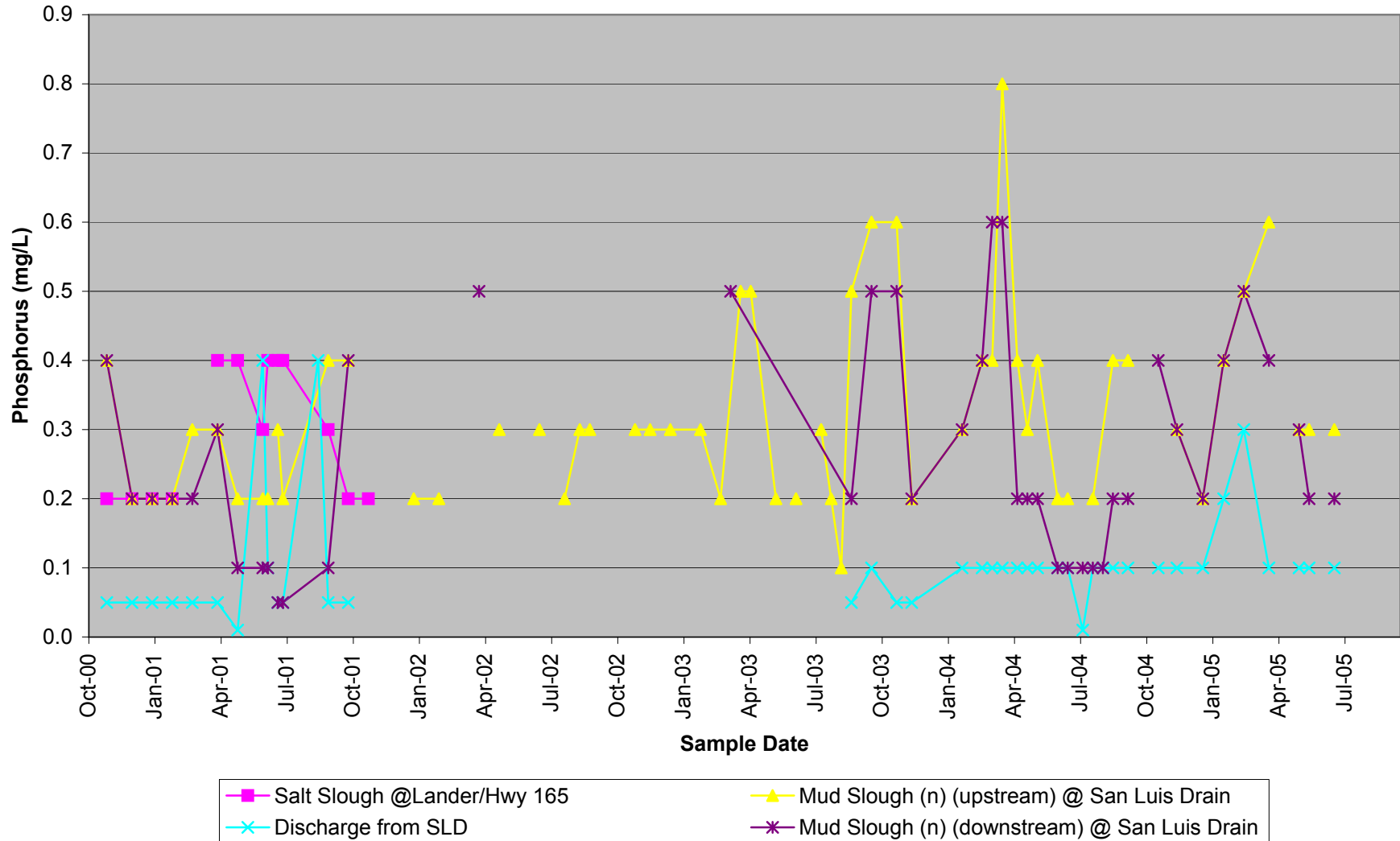
San Joaquin River Grassland Basin Ammonia-N WY01-WY05



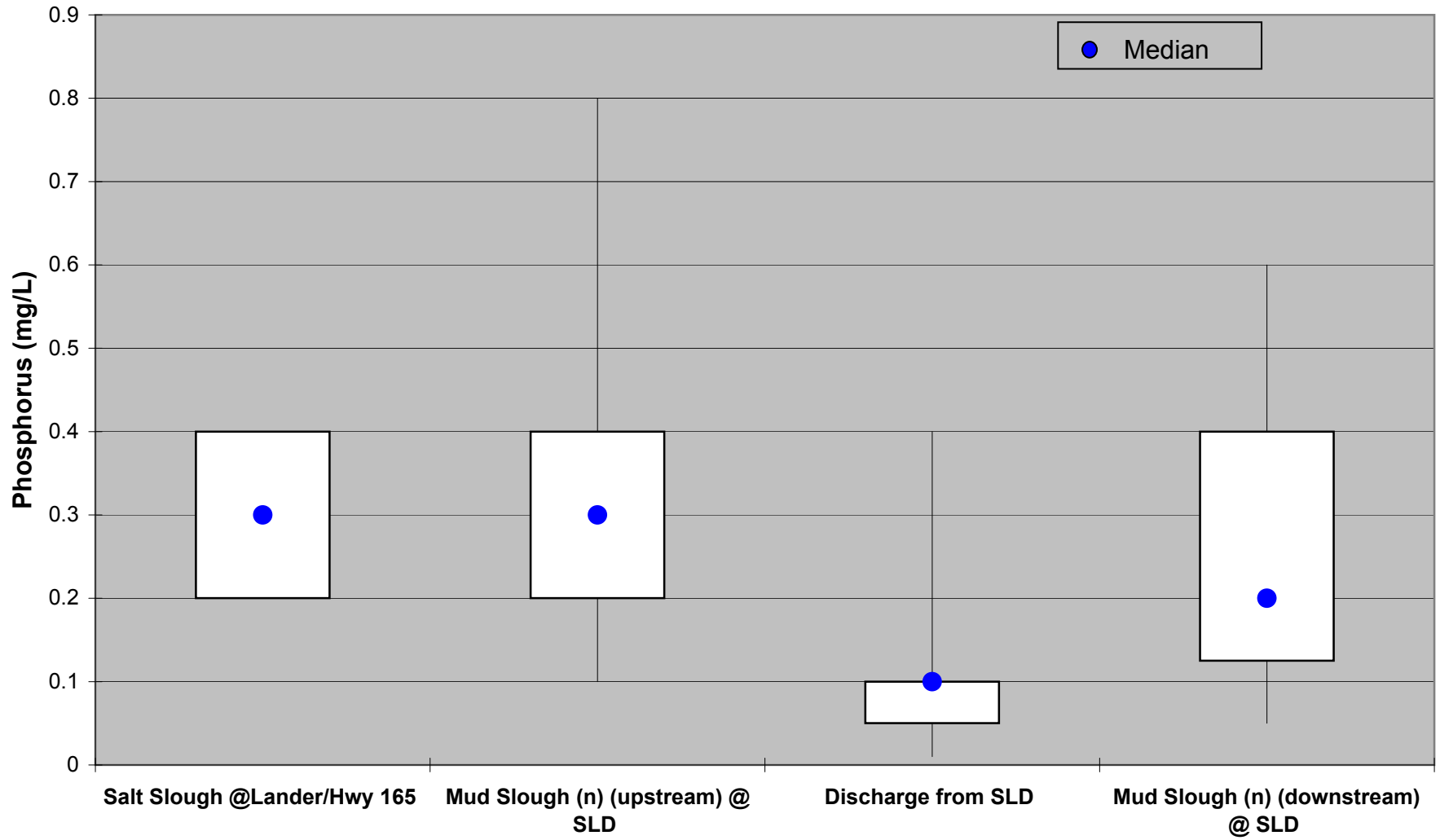
San Joaquin River Grassland Basin Ammonia-N WY04-WY05



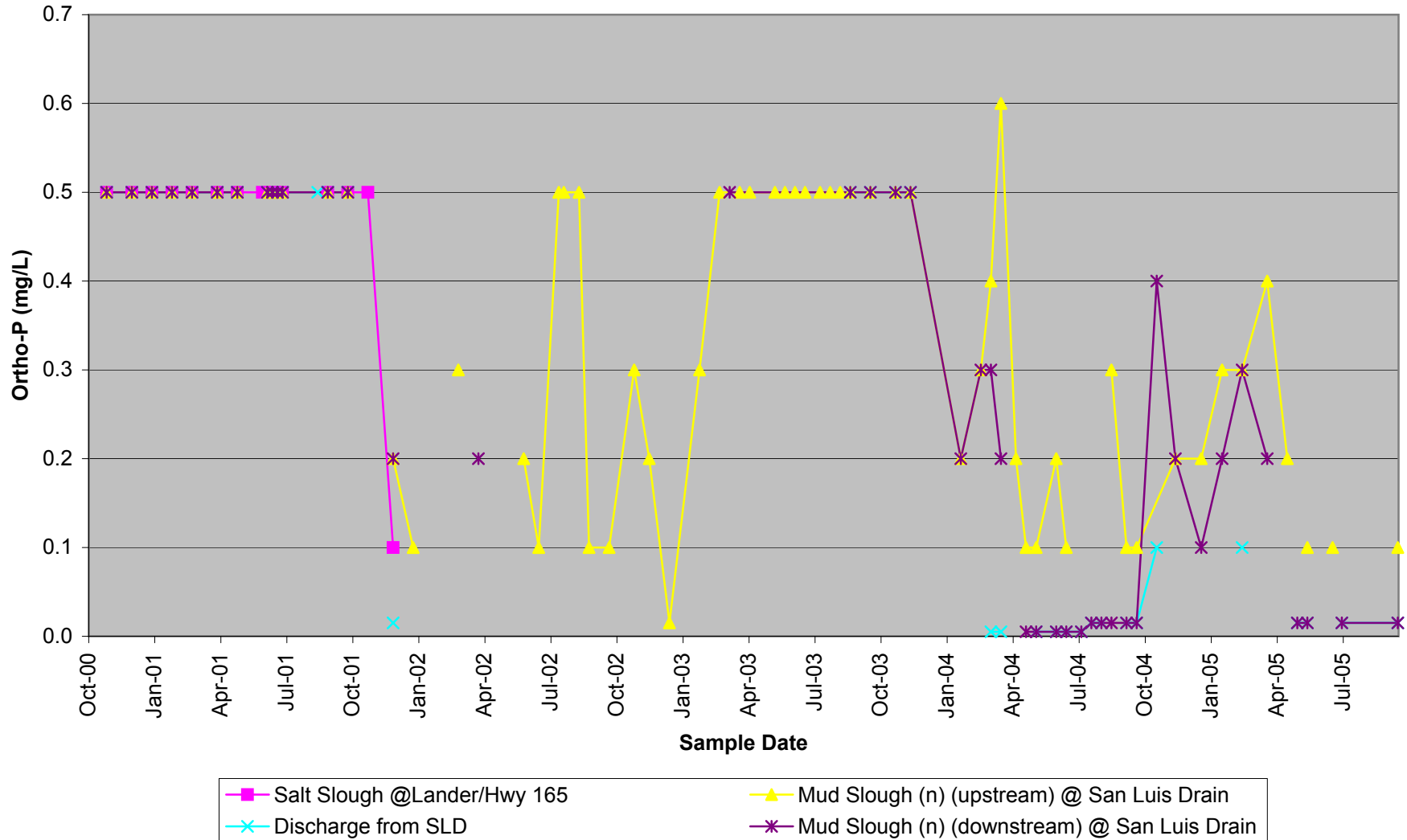
San Joaquin River Grassland Basin Phosphorus WY01-WY05



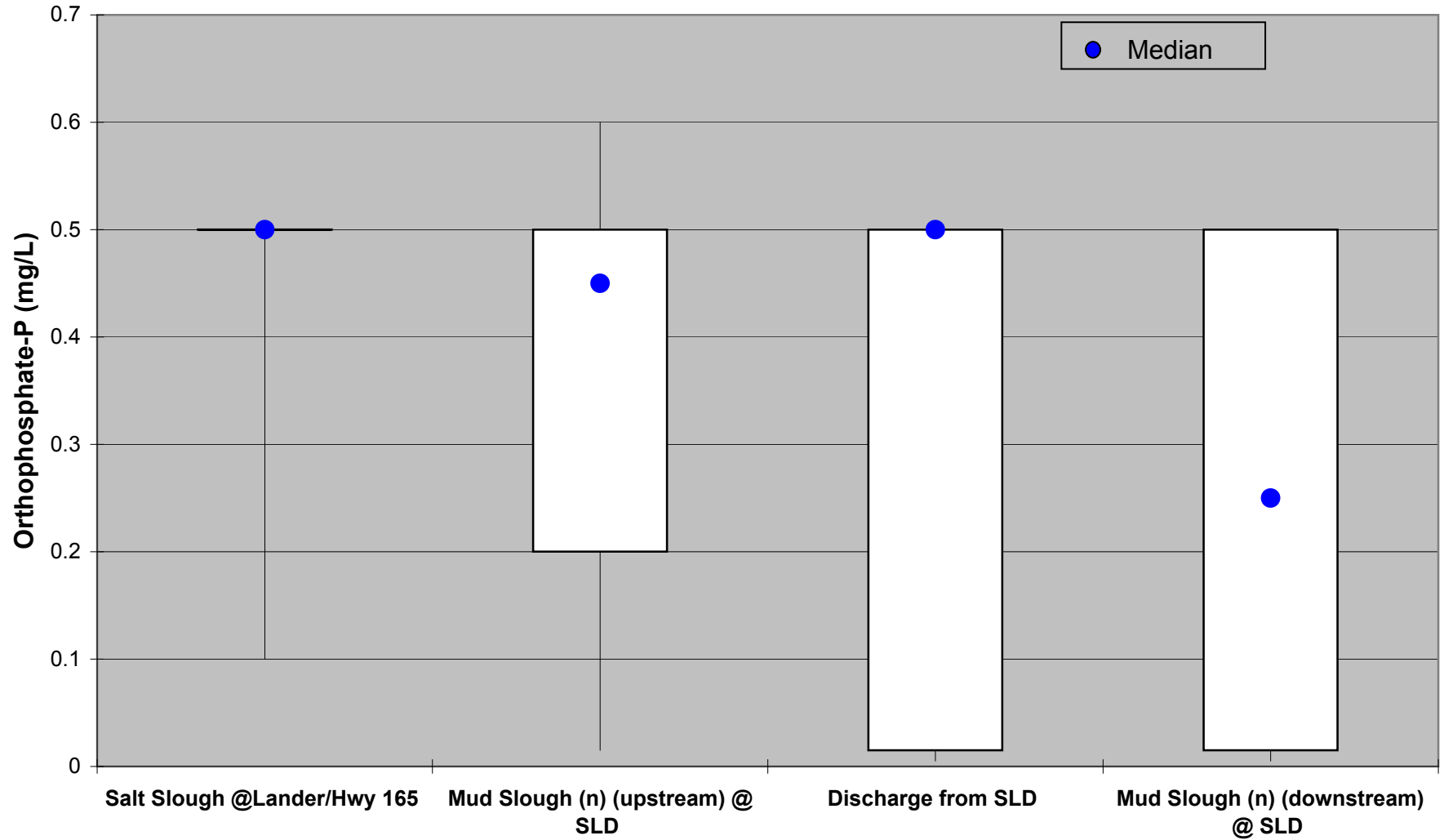
San Joaquin River Grassland Basin Phosphorus WY01-WY05



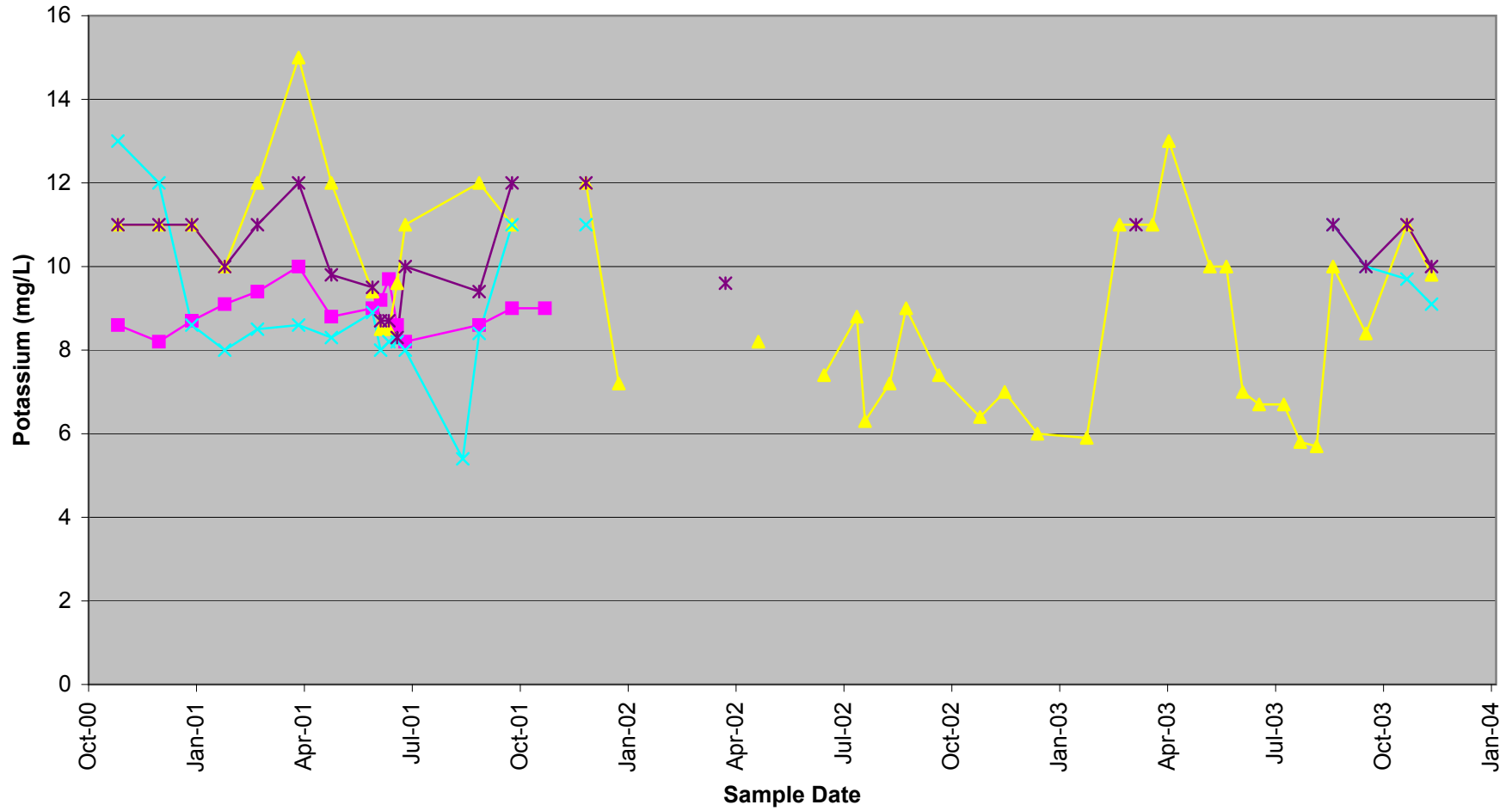
San Joaquin River Grassland Basin Orthophosphate-P WY01-WY05



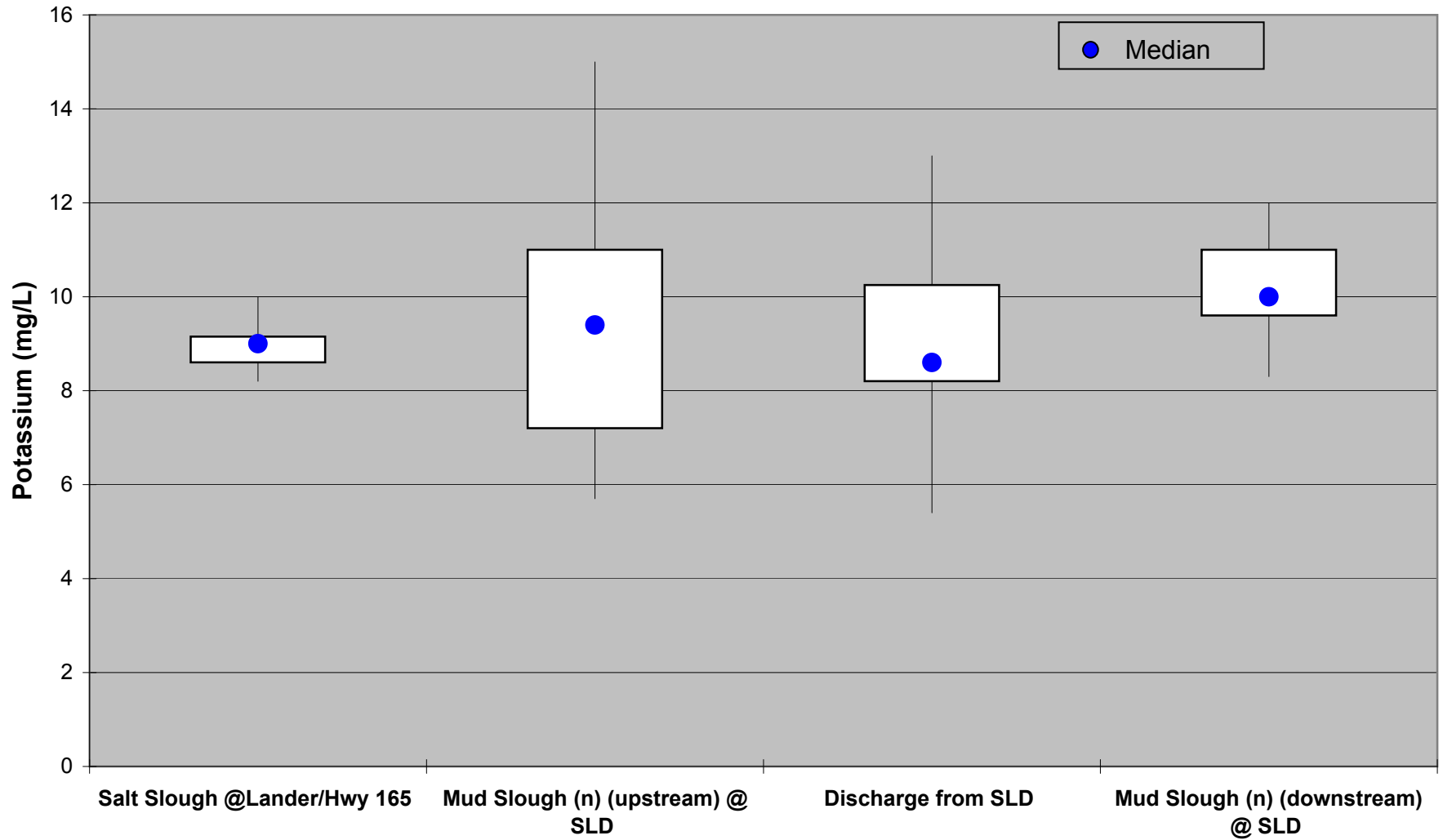
San Joaquin River Grassland Basin Orthophosphate-P WY01-WY05



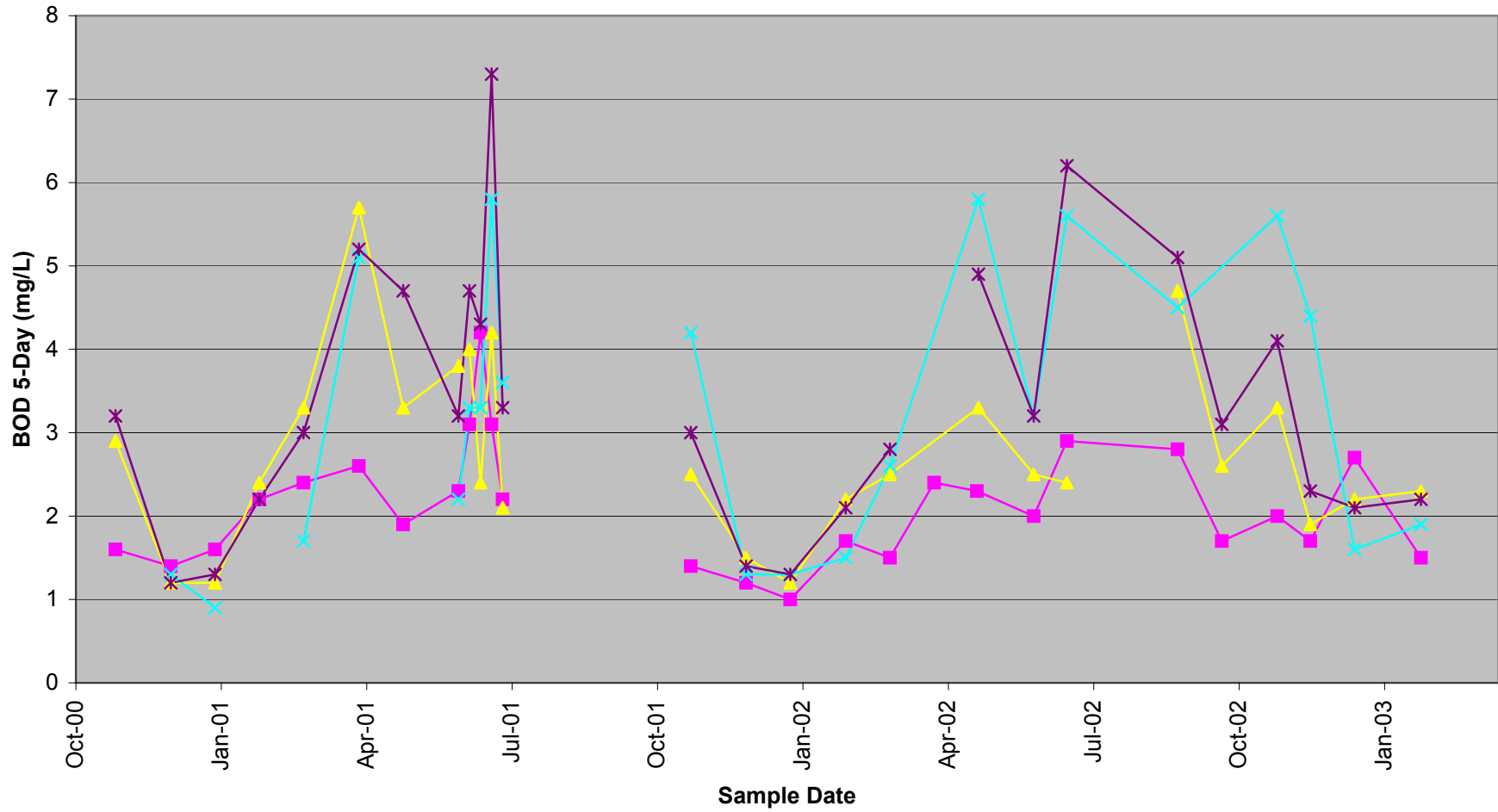
San Joaquin River Grassland Basin Potassium WY01-WY04



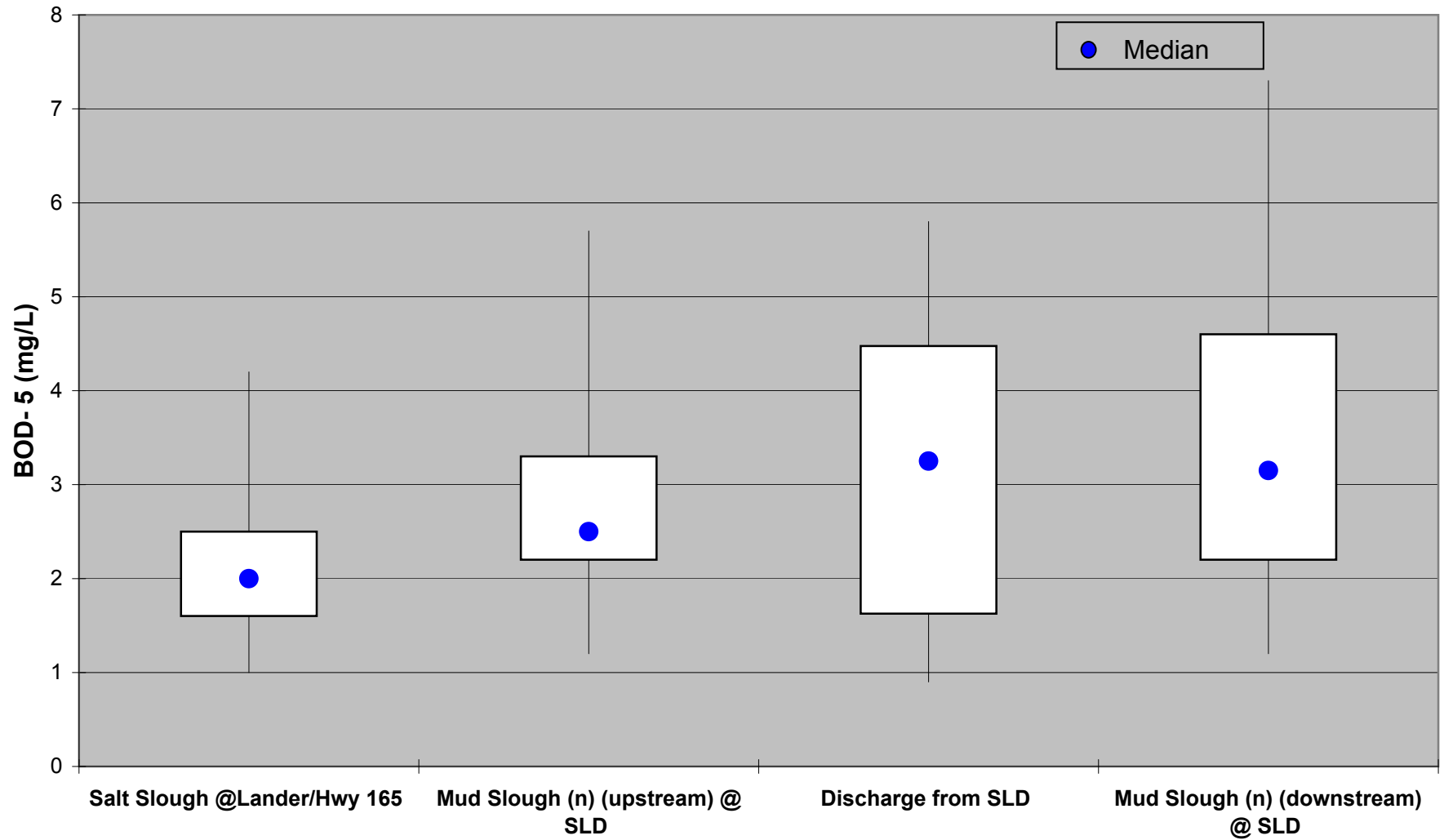
San Joaquin River Grassland Basin Potassium WY01-WY04



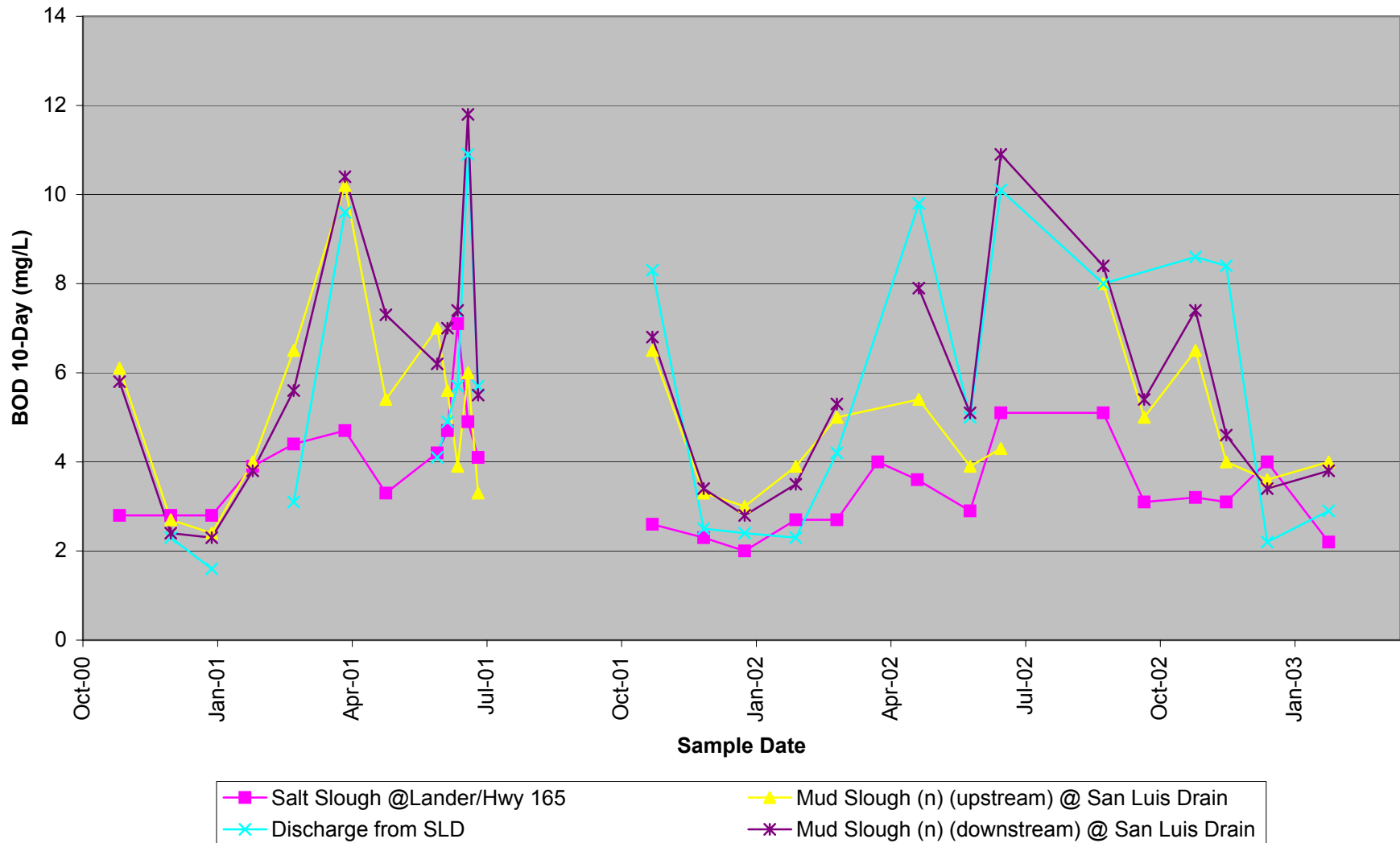
San Joaquin River Grassland Basin Biochemical Oxygen Demand 5-Day WY01-WY03



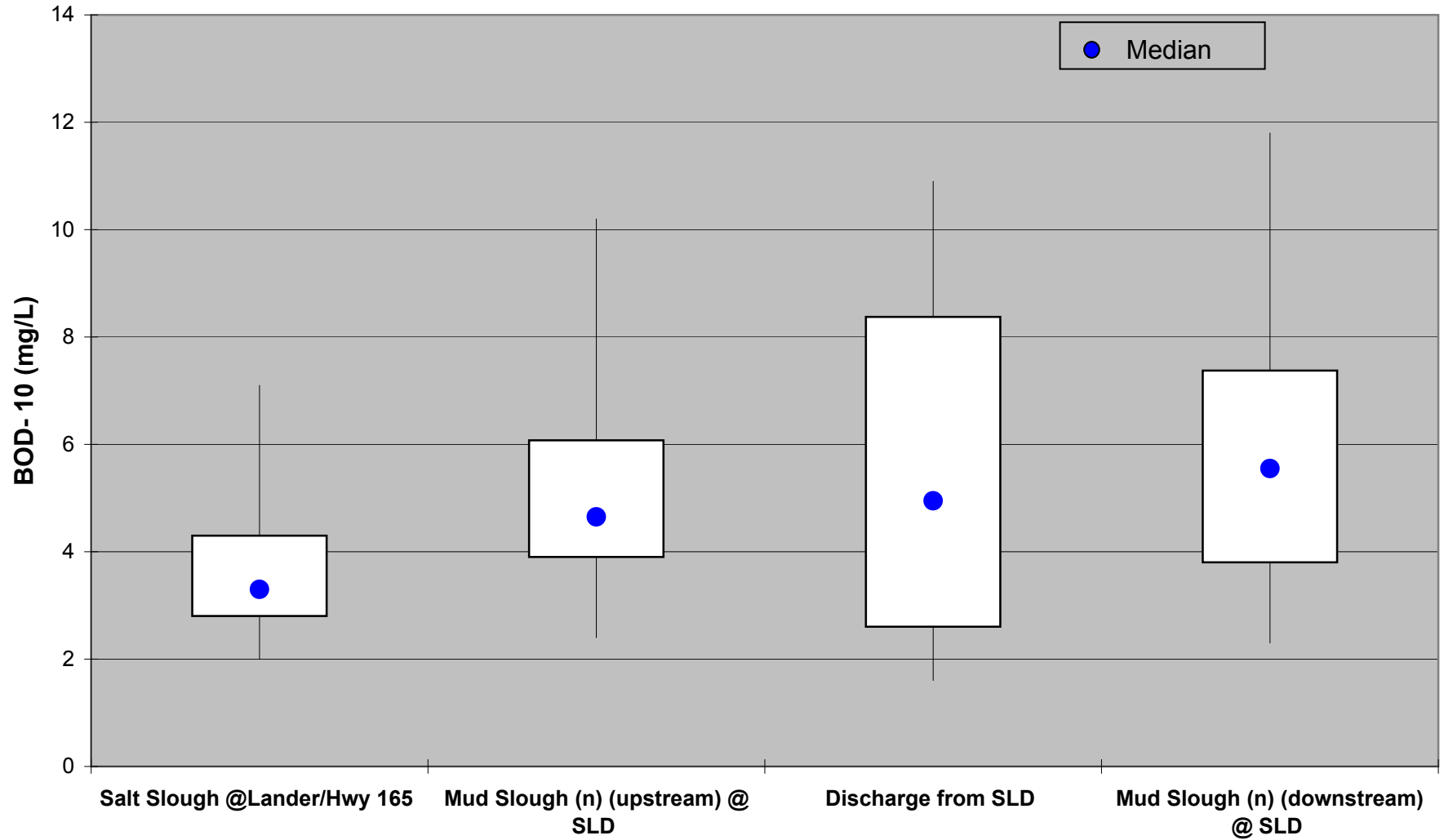
San Joaquin River Grassland Basin Biological Oxygen Demand 5-Day WY01-WY03



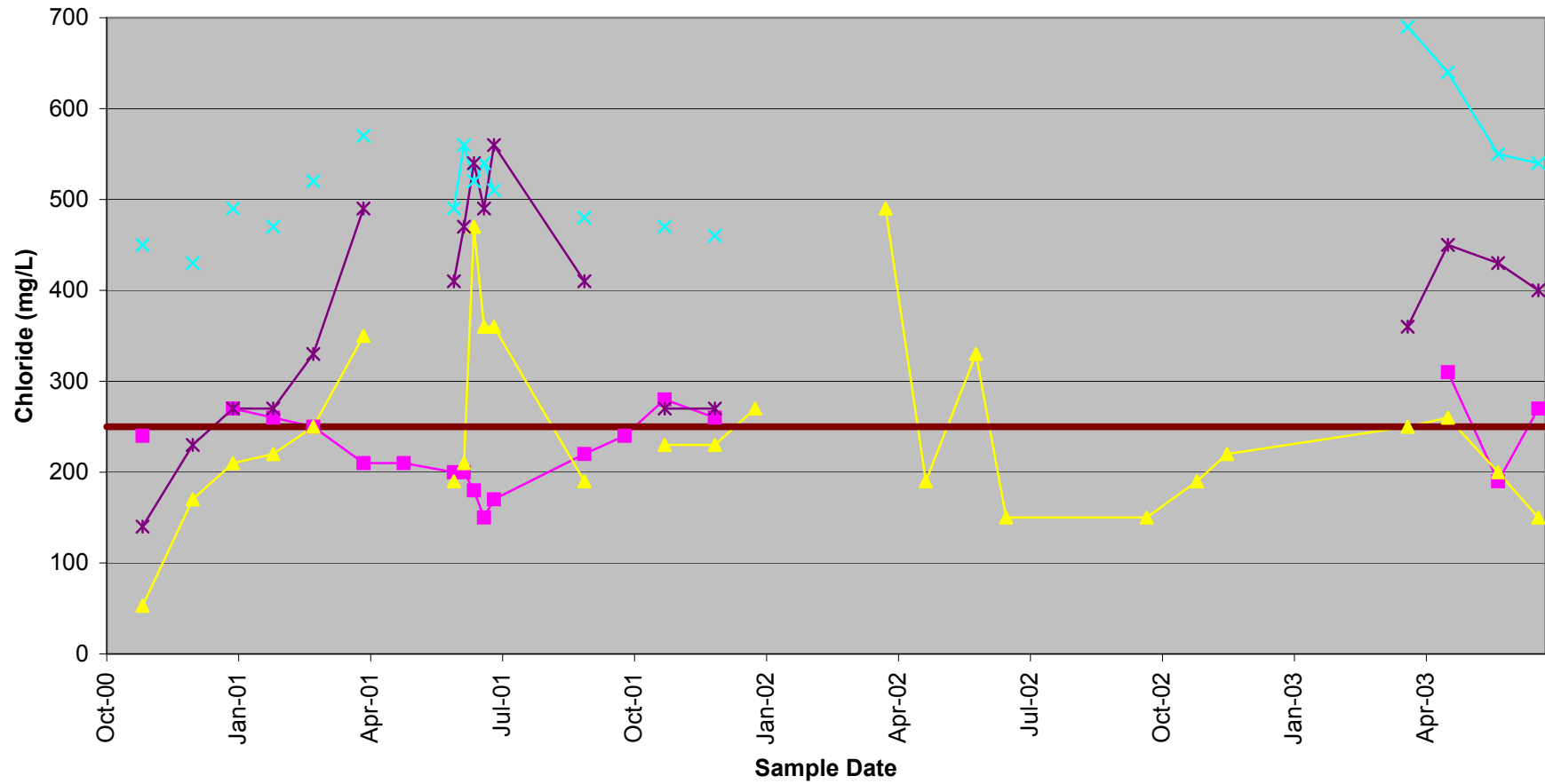
San Joaquin River Grassland Basin Biochemical Oxygen Demand 10-Day WY01-WY03



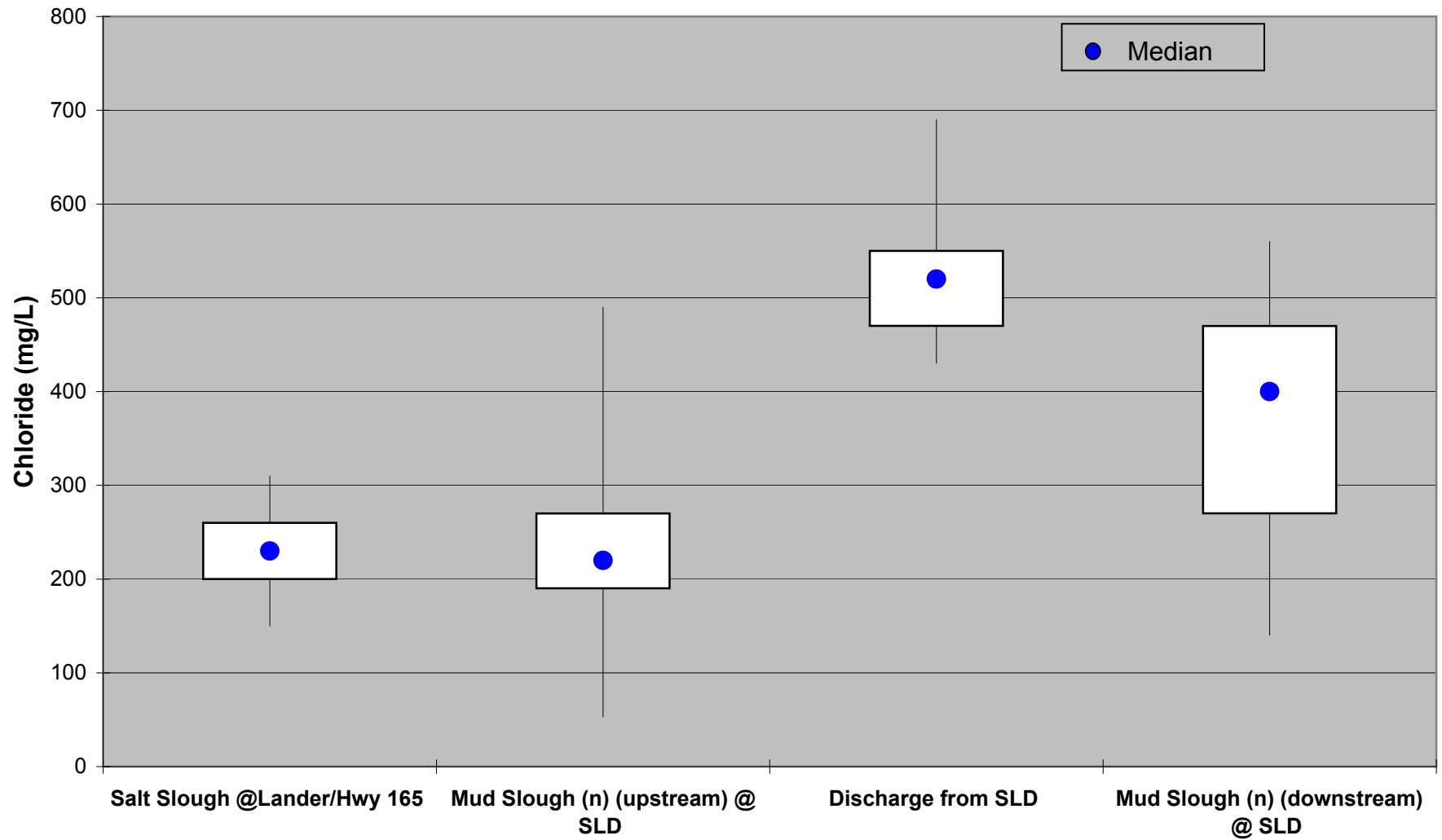
San Joaquin River Grassland Basin Biological Oxygen Demand 10-Day WY01-WY03



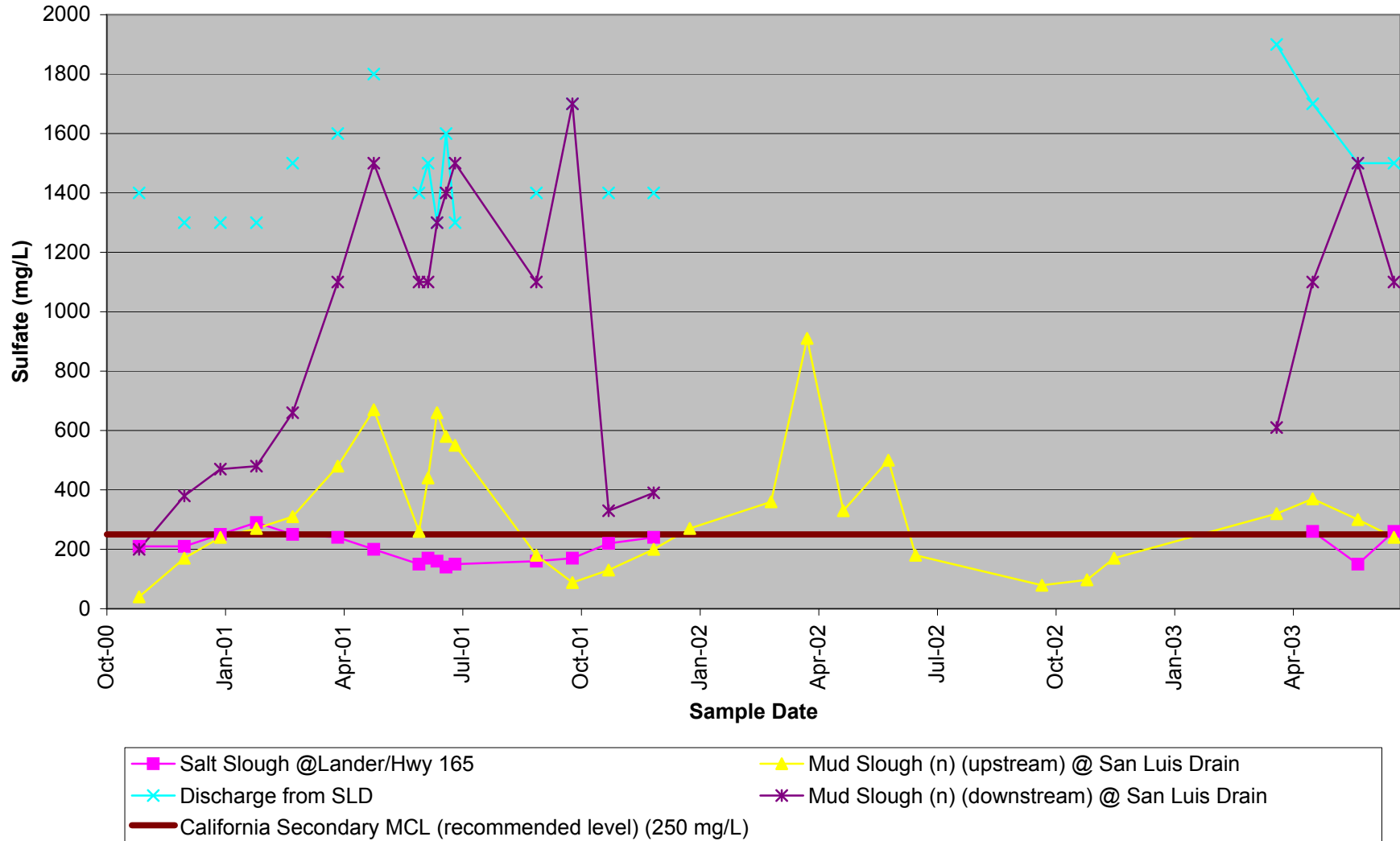
San Joaquin River Grassland Basin Chloride WY01-WY03



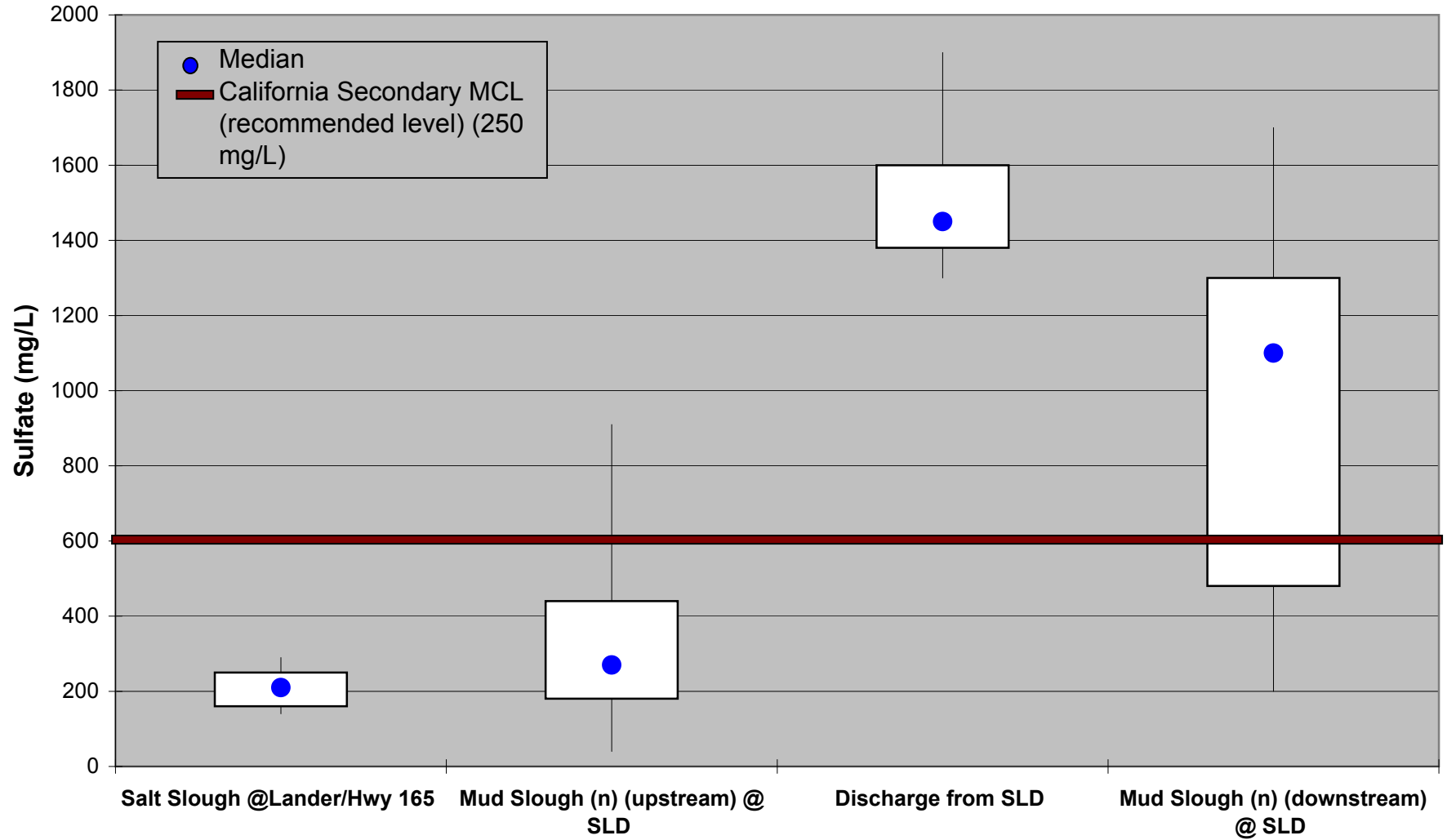
San Joaquin River Grassland Basin Chloride WY01-WY03



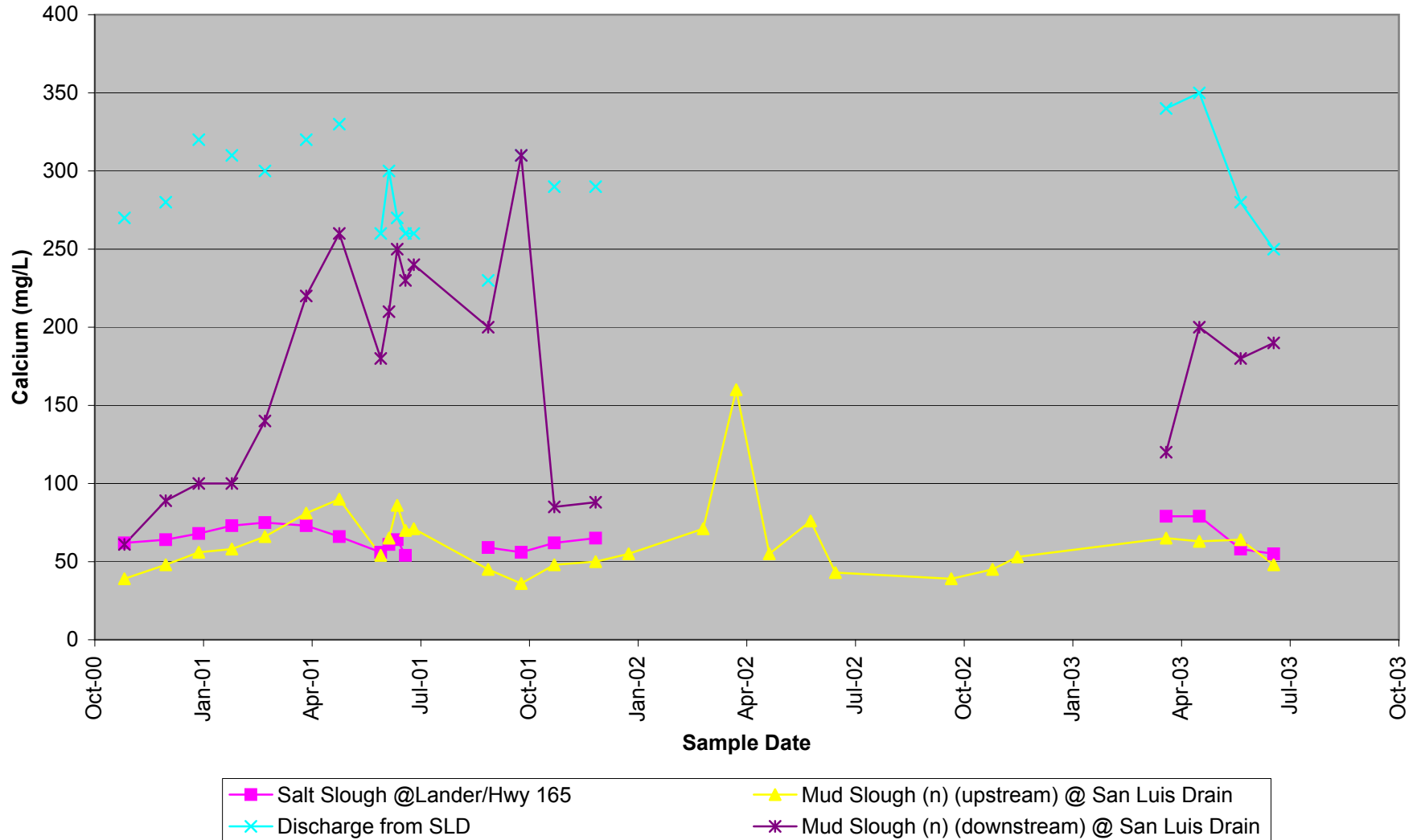
San Joaquin River Grassland Basin Sulfate WY01-WY03



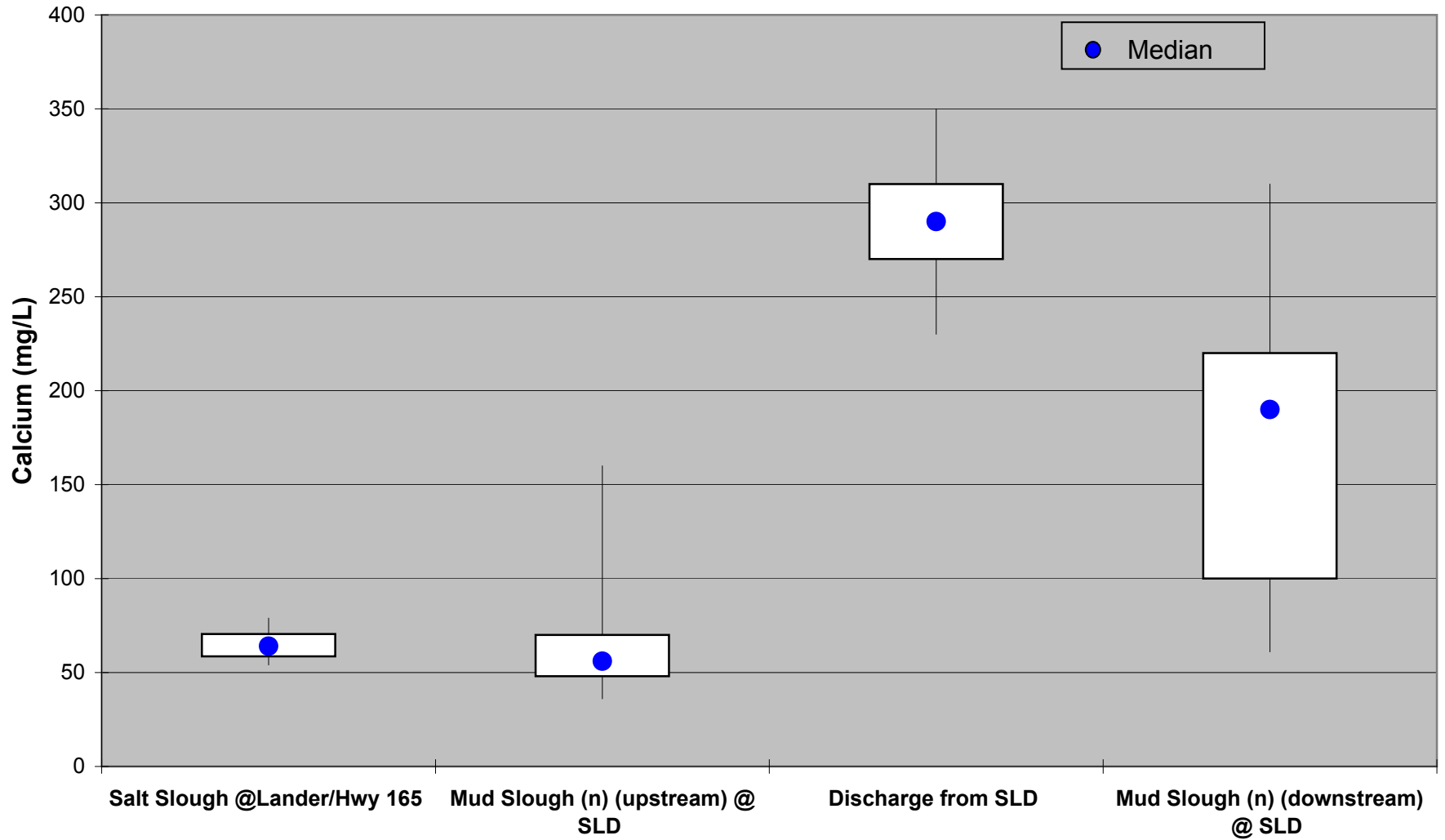
San Joaquin River Grassland Basin Sulfate WY01-WY03



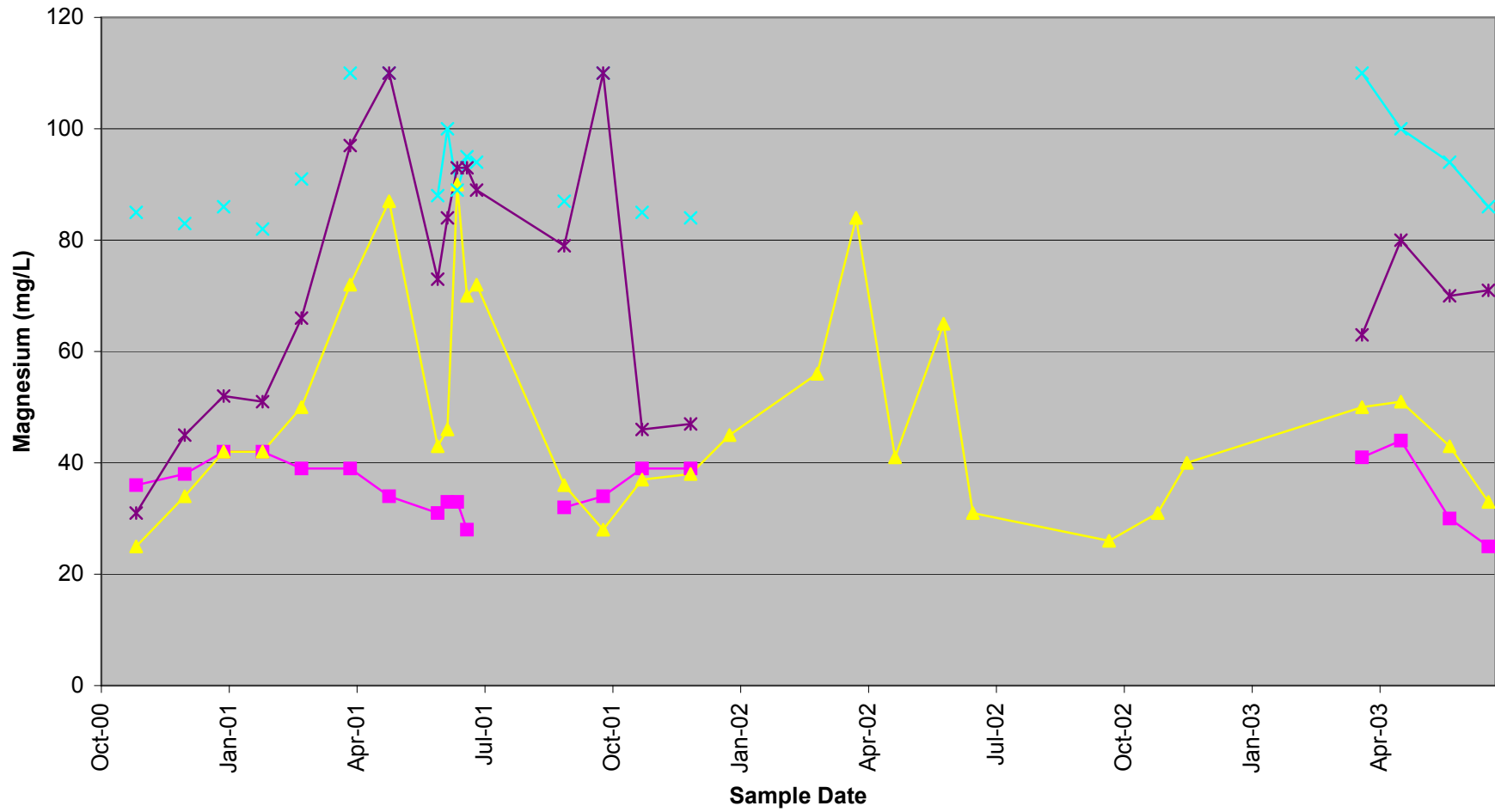
San Joaquin River Grassland Basin Calcium WY01-WY03



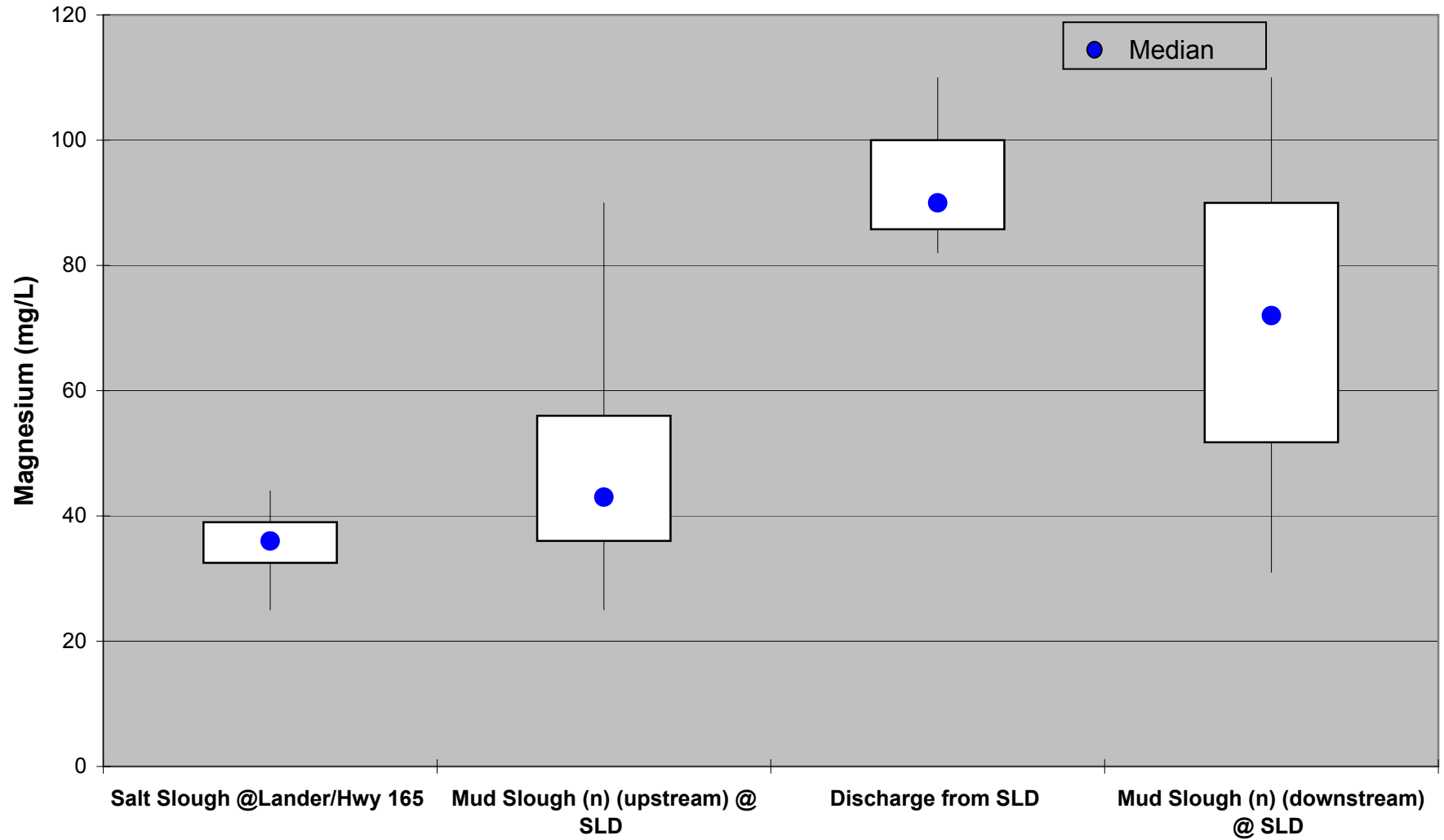
San Joaquin River Grassland Basin Calcium WY01-WY03



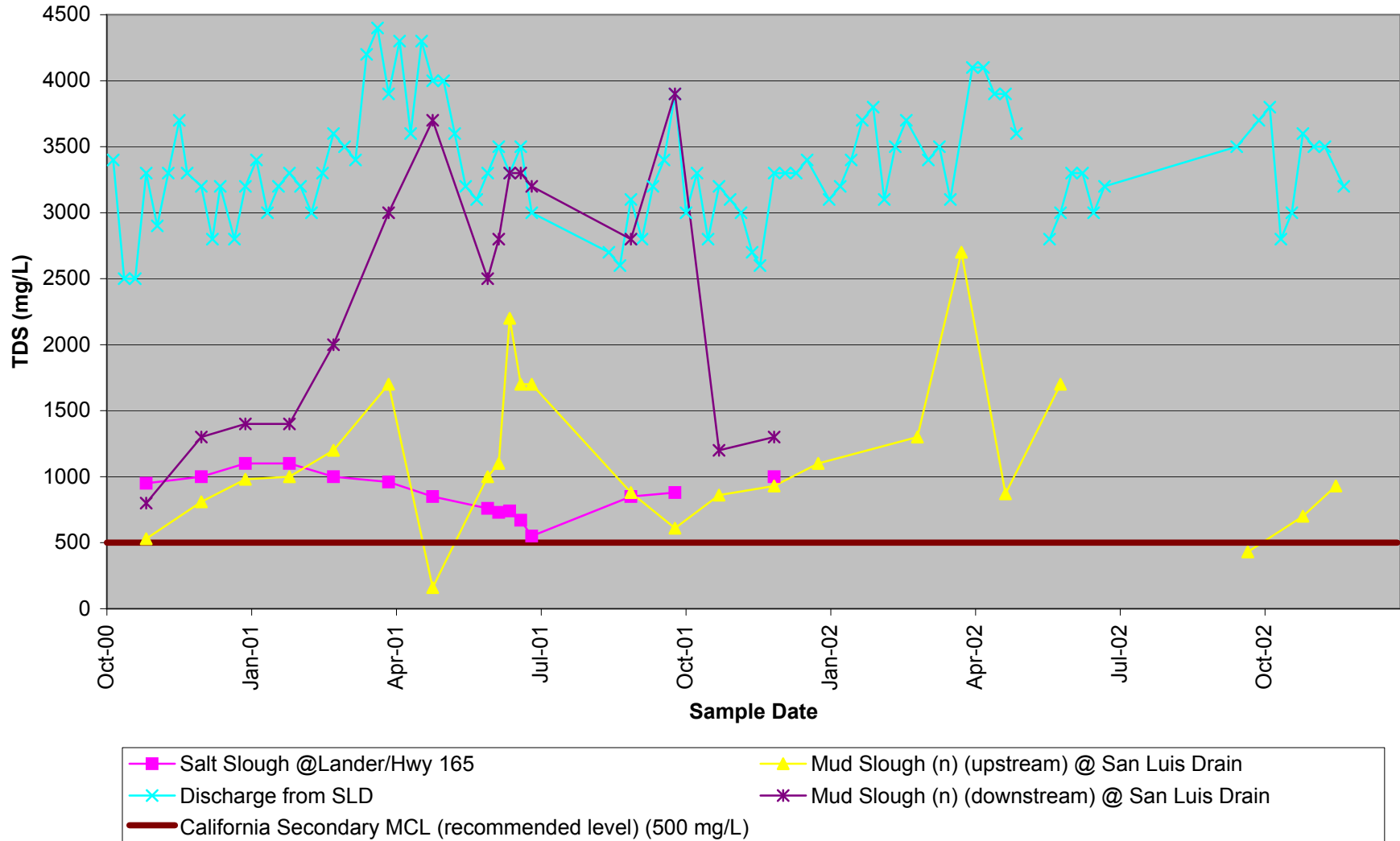
San Joaquin River Grassland Basin Magnesium WY01-WY03



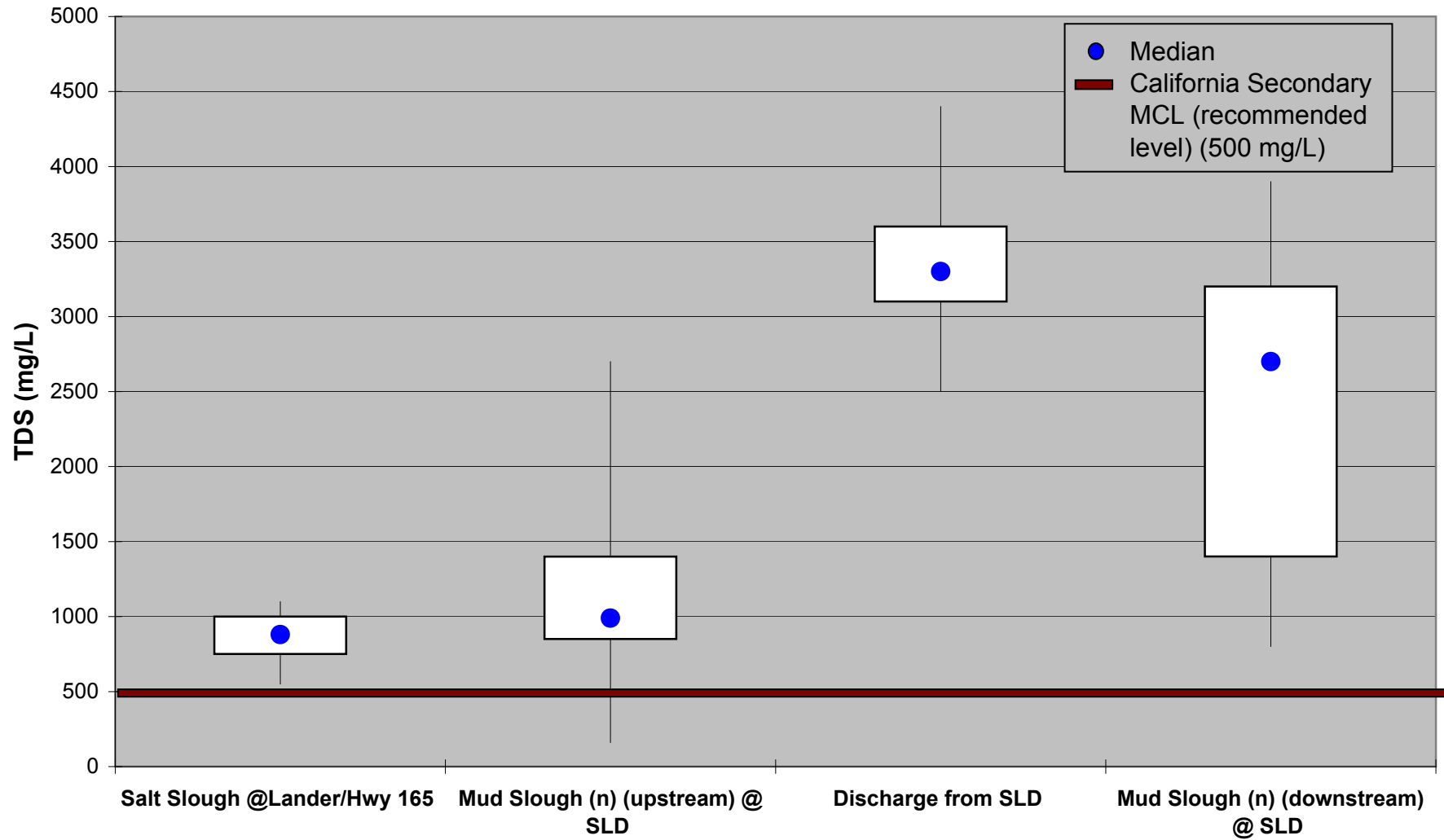
San Joaquin River Grassland Basin Magnesium WY01-WY03



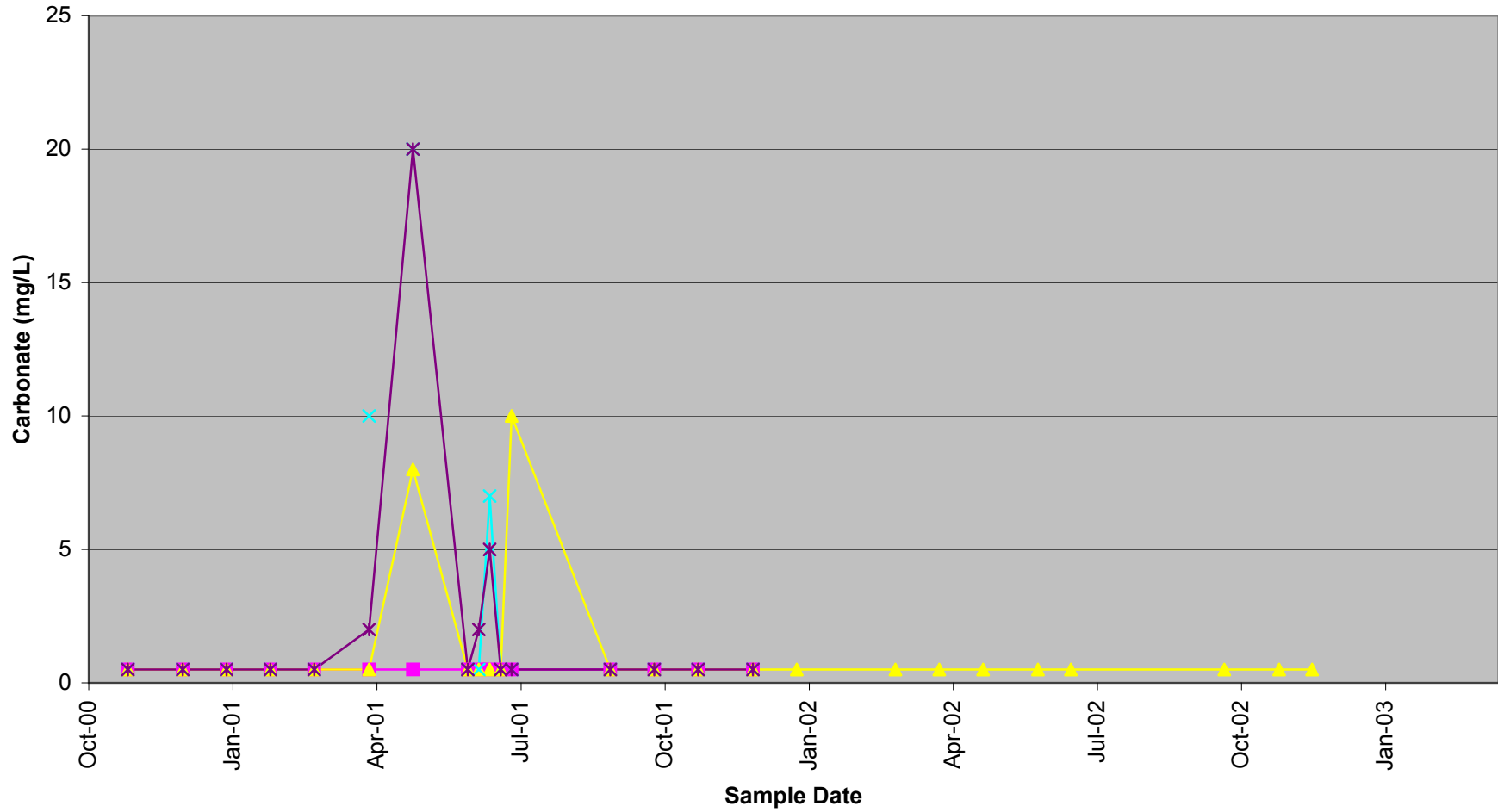
San Joaquin River Grassland Basin Total Dissolved Solids WY01-WY03



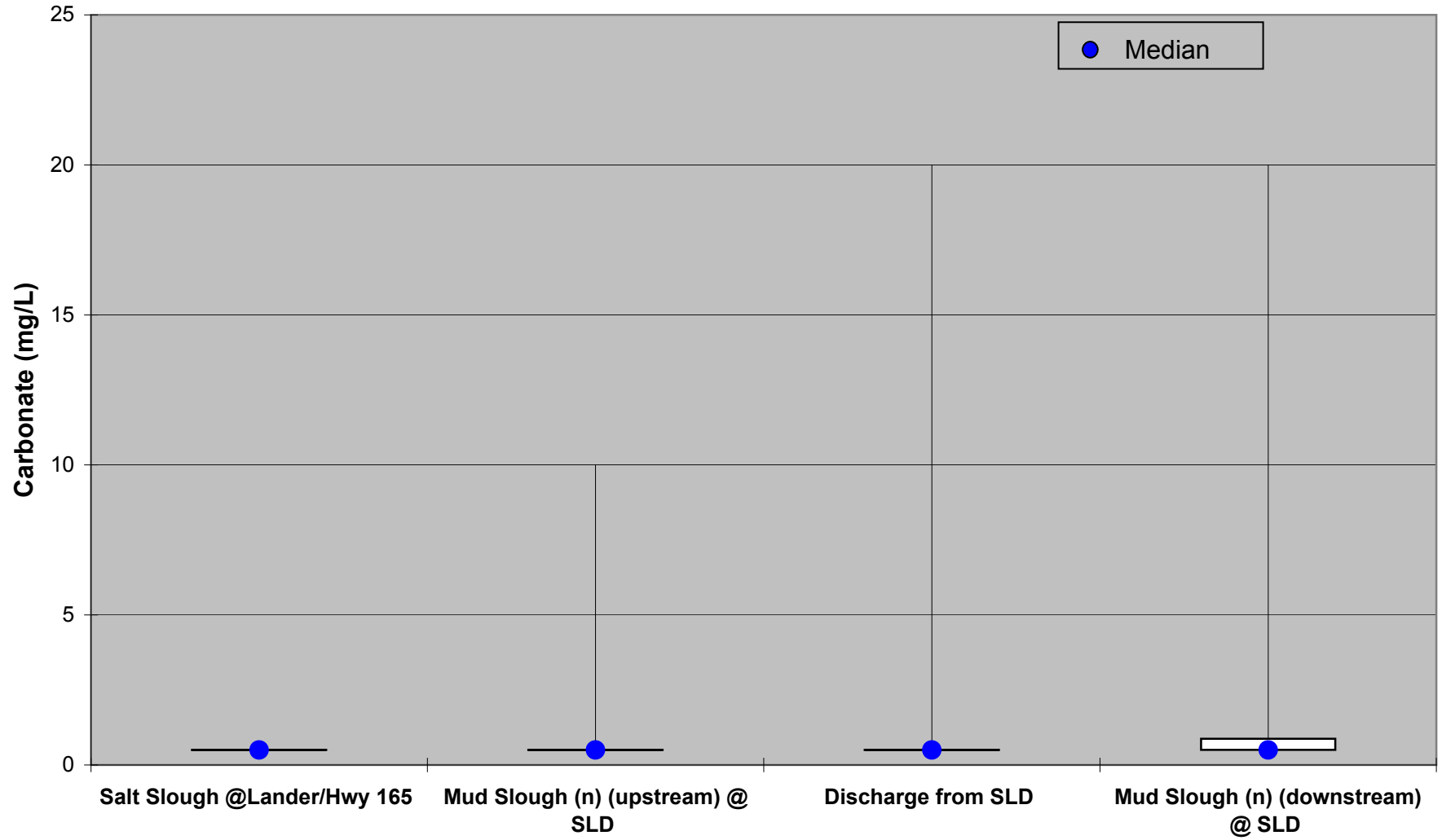
San Joaquin River Grassland Basin Total Dissolved Solids WY01-WY03



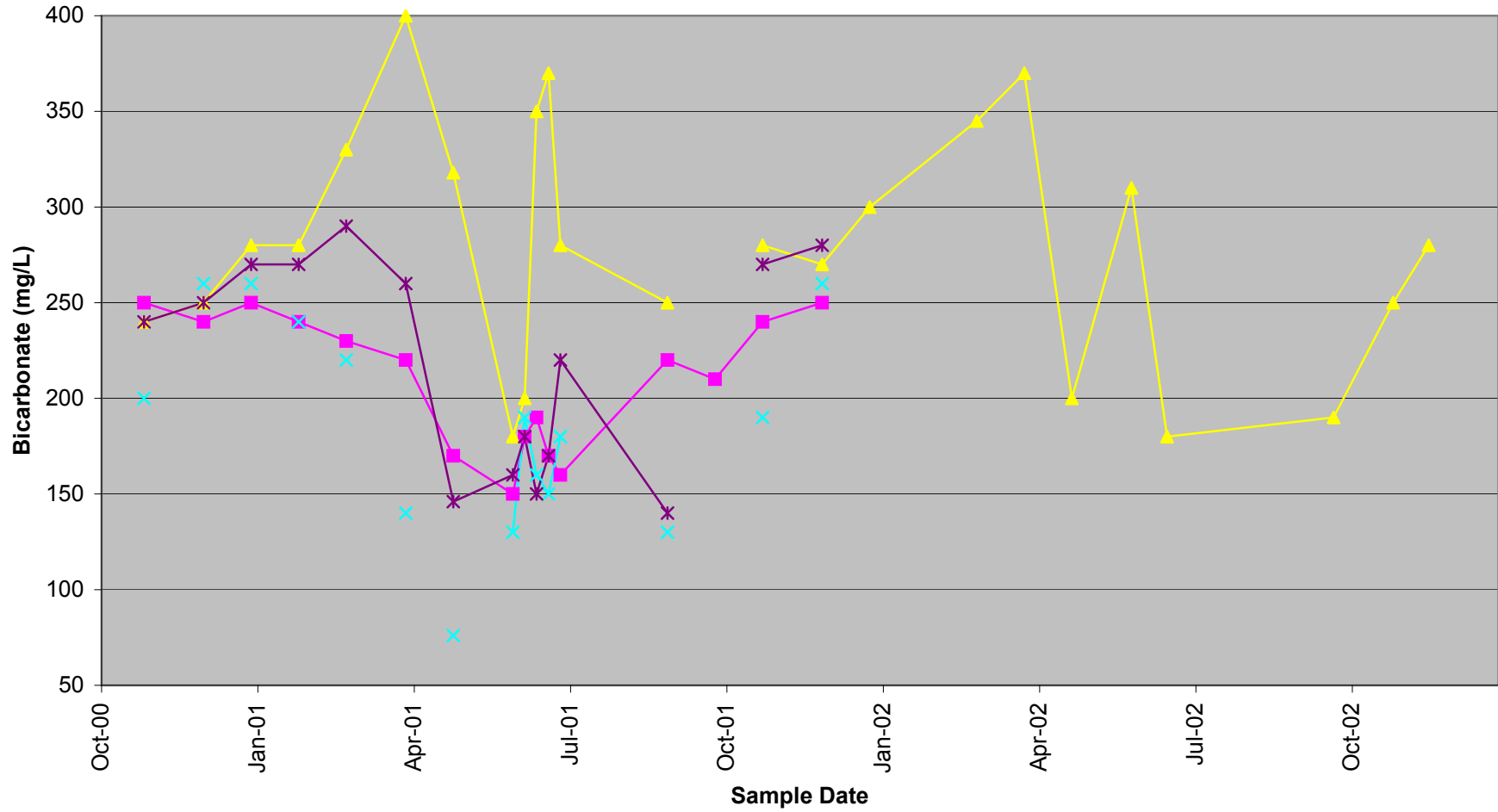
San Joaquin River Grassland Basin Carbonate WY01-WY03



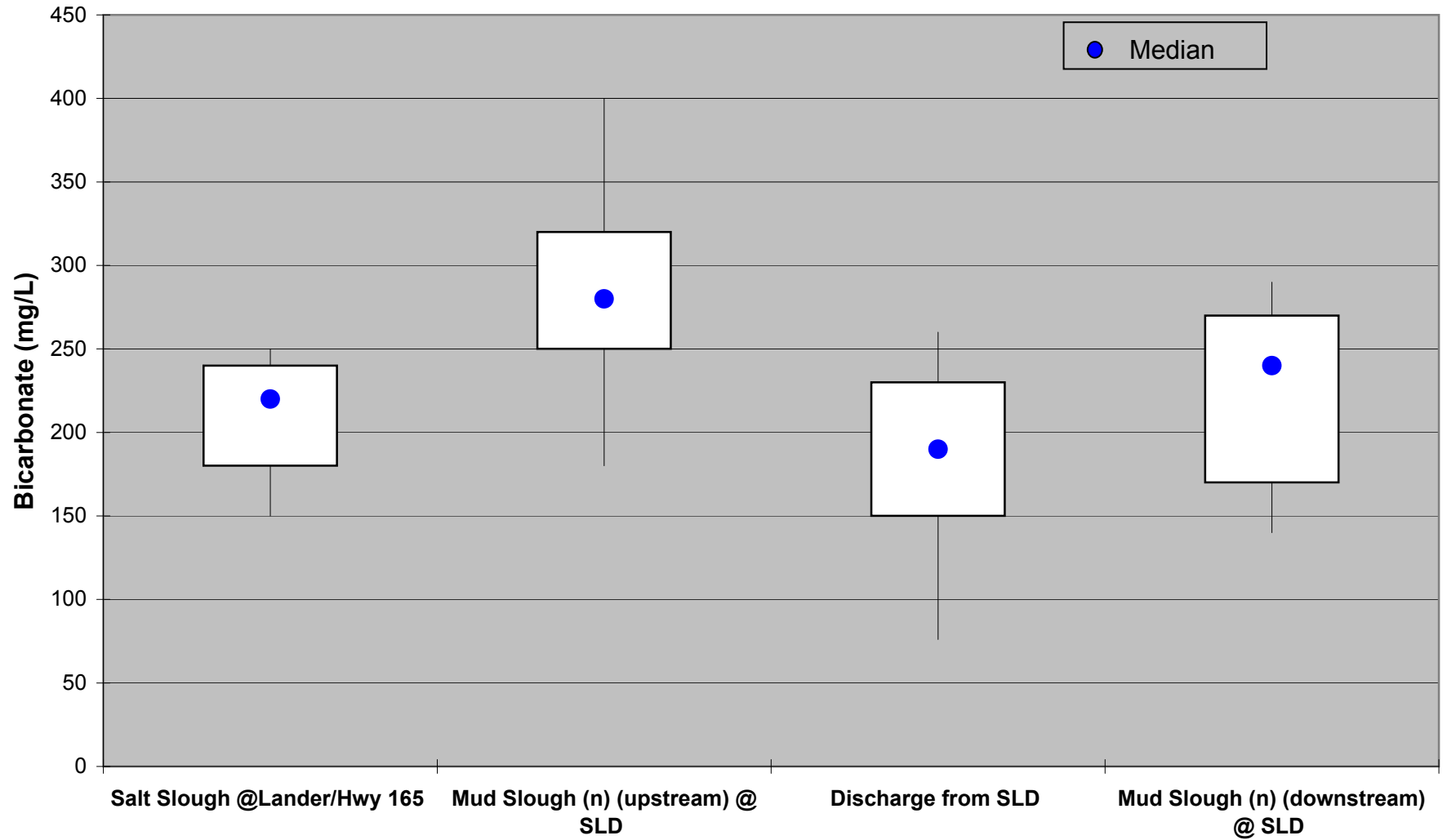
San Joaquin River Grassland Basin Carbonate WY01-WY03



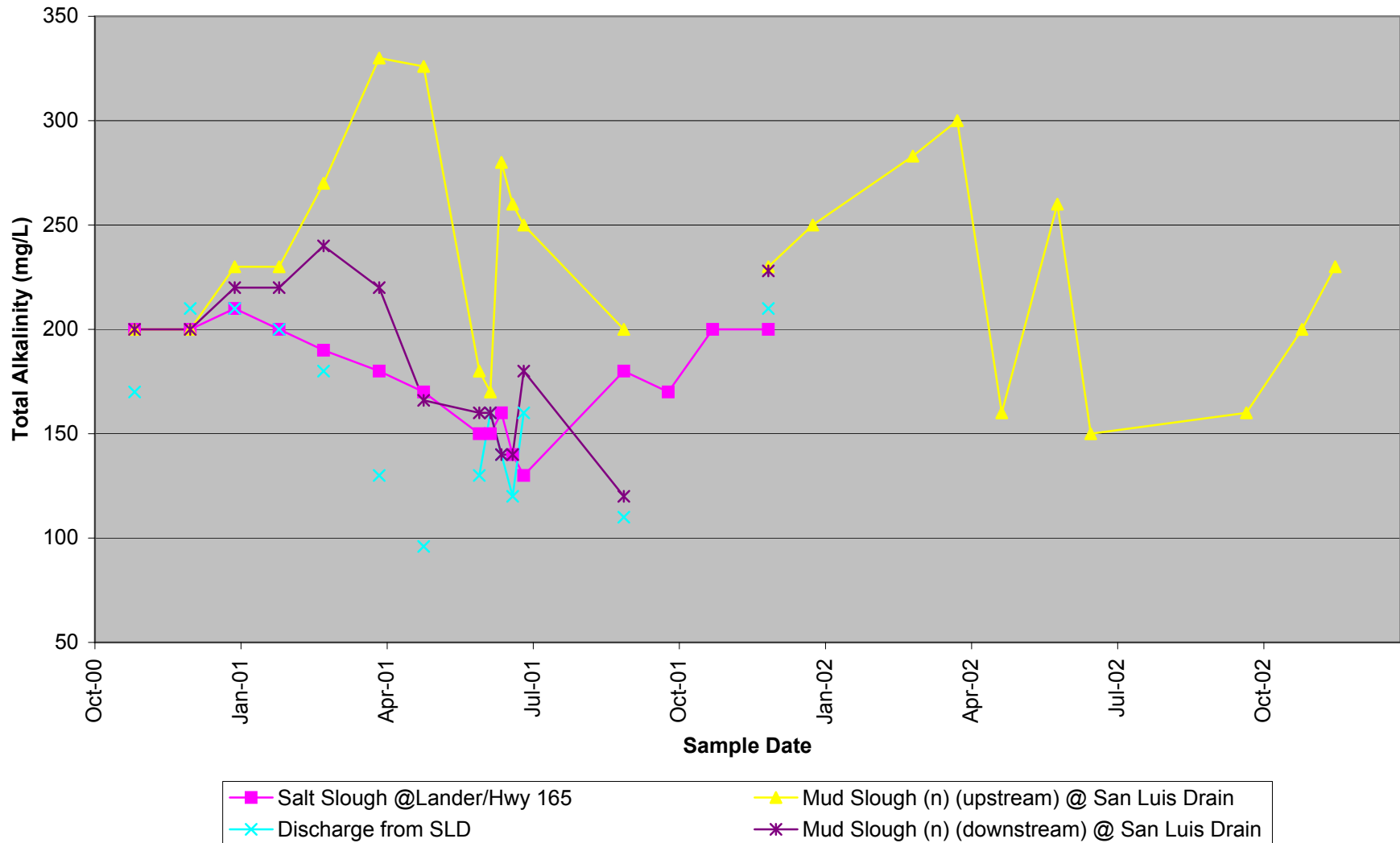
San Joaquin River Grassland Basin Bicarbonate WY01-WY03



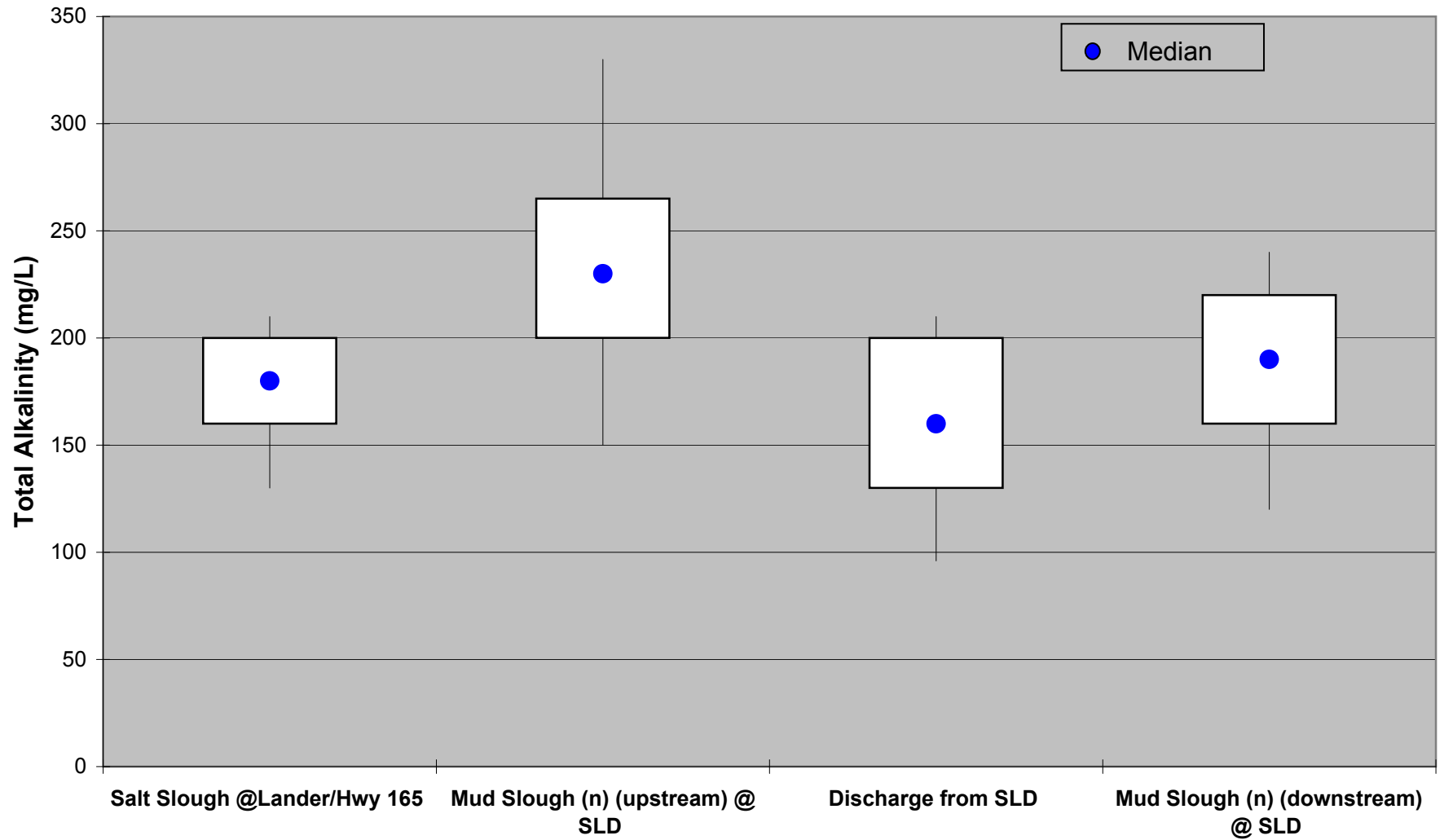
San Joaquin River Grassland Basin Bicarbonate WY01-WY03



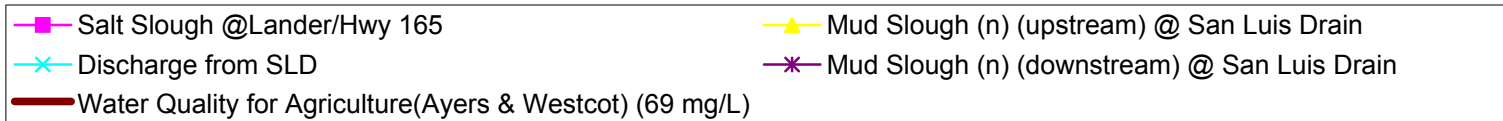
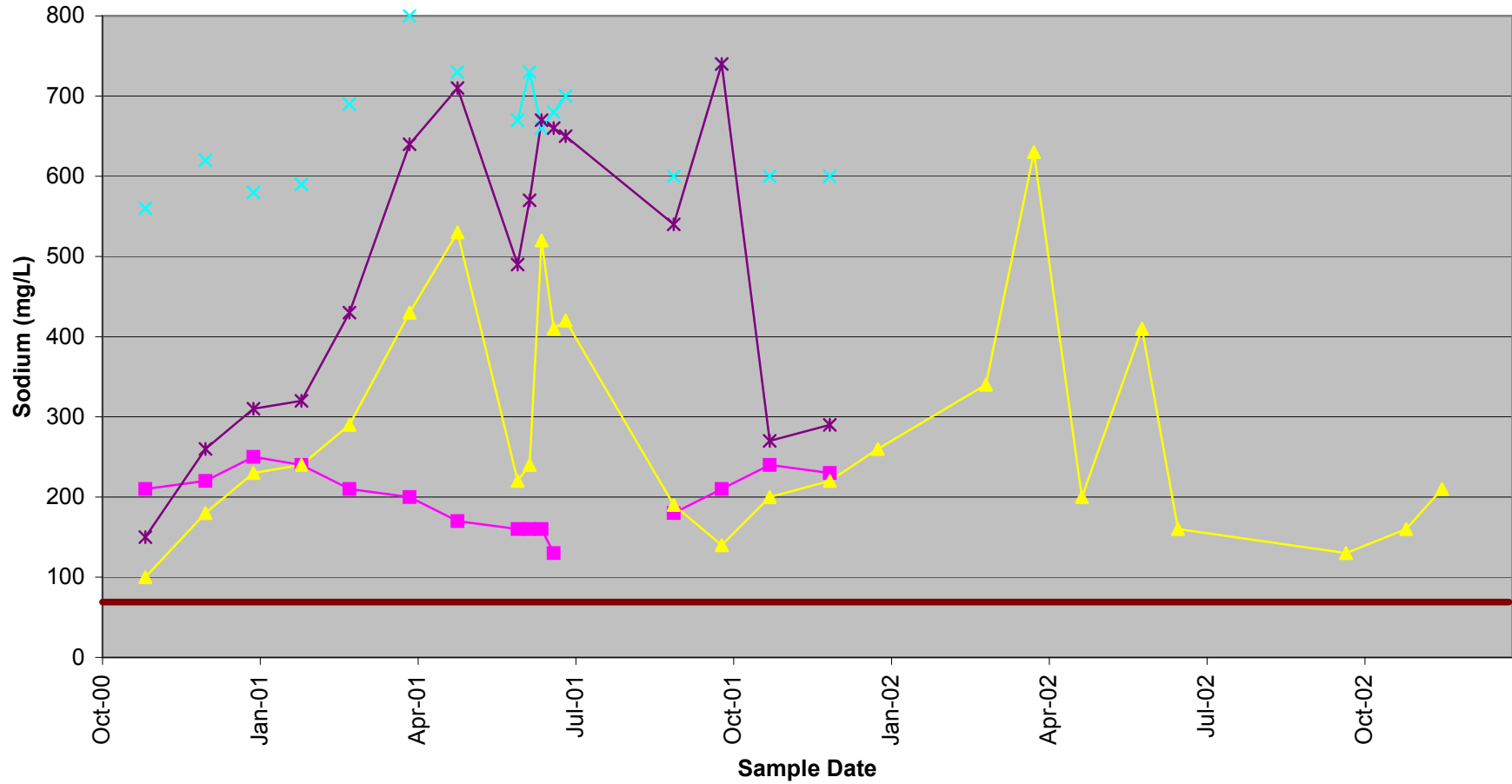
San Joaquin River Grassland Basin Total Alkalinity WY01-WY03



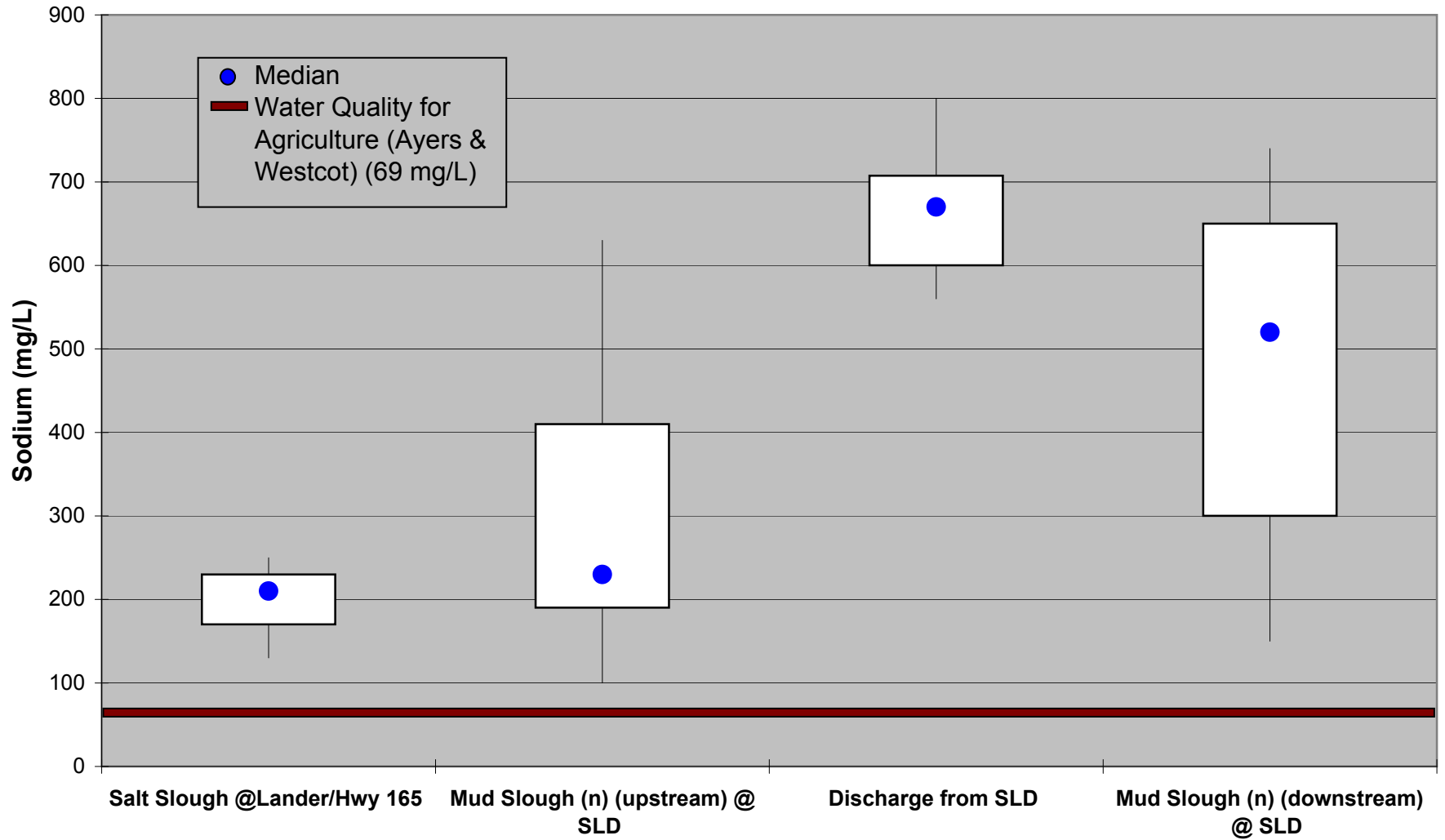
San Joaquin River Grassland Basin Total Alkalinity WY01-WY03



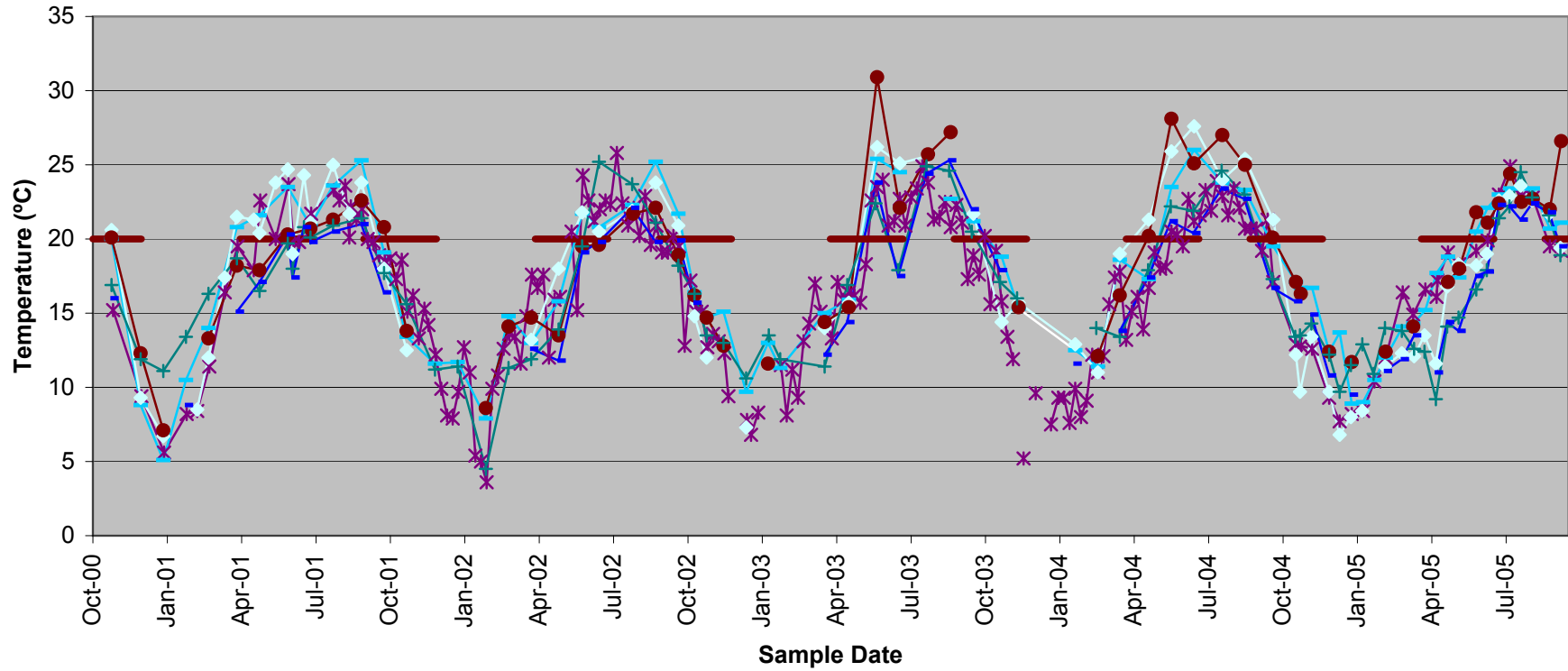
San Joaquin River Grassland Basin Sodium WY01-WY03



San Joaquin River Grassland Basin Sodium WY01-WY03

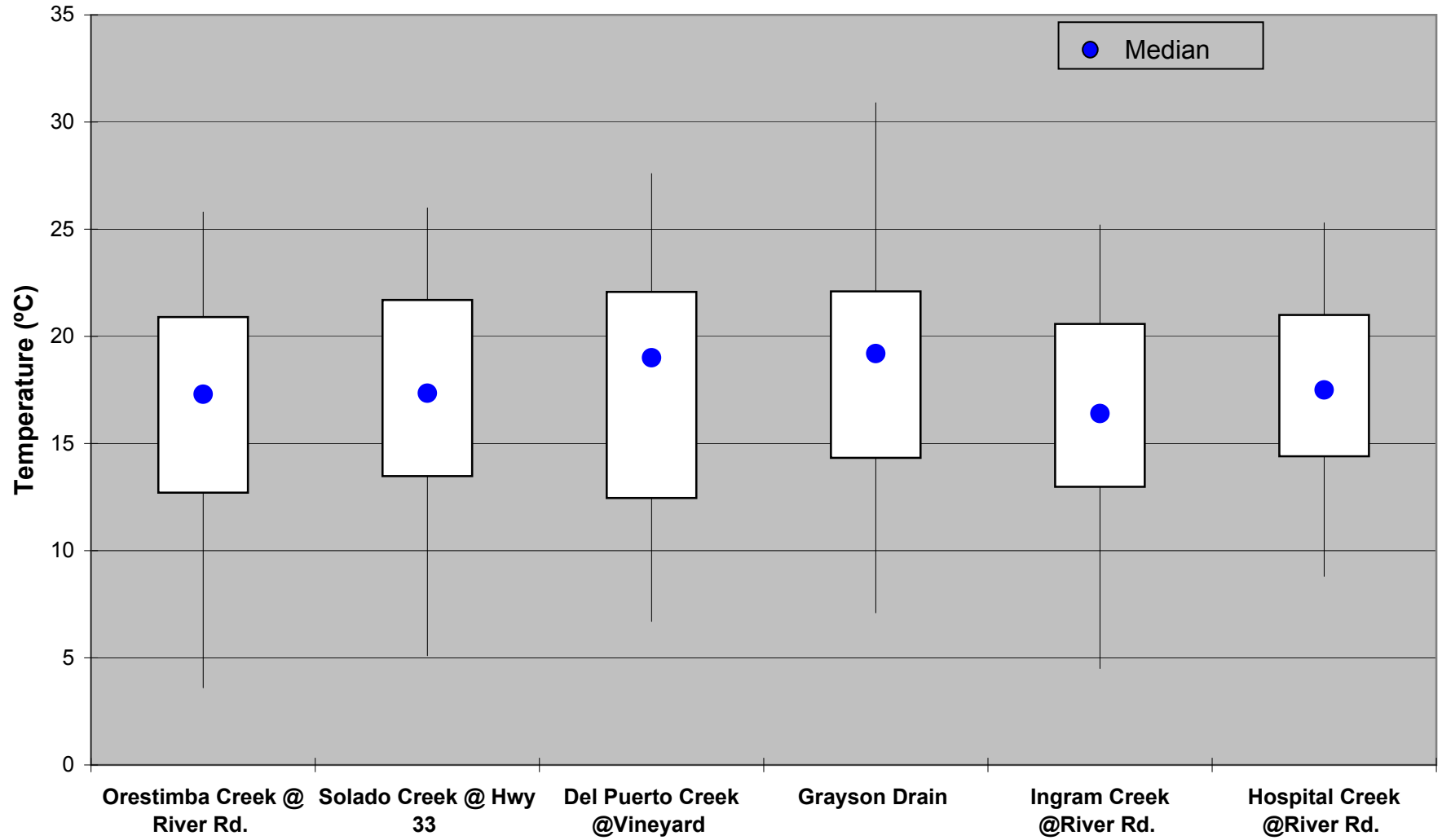


San Joaquin River West Side Basin Temperature WY01-WY05

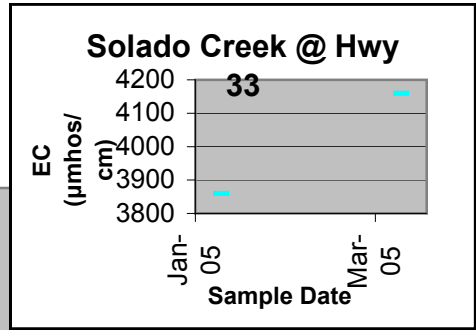
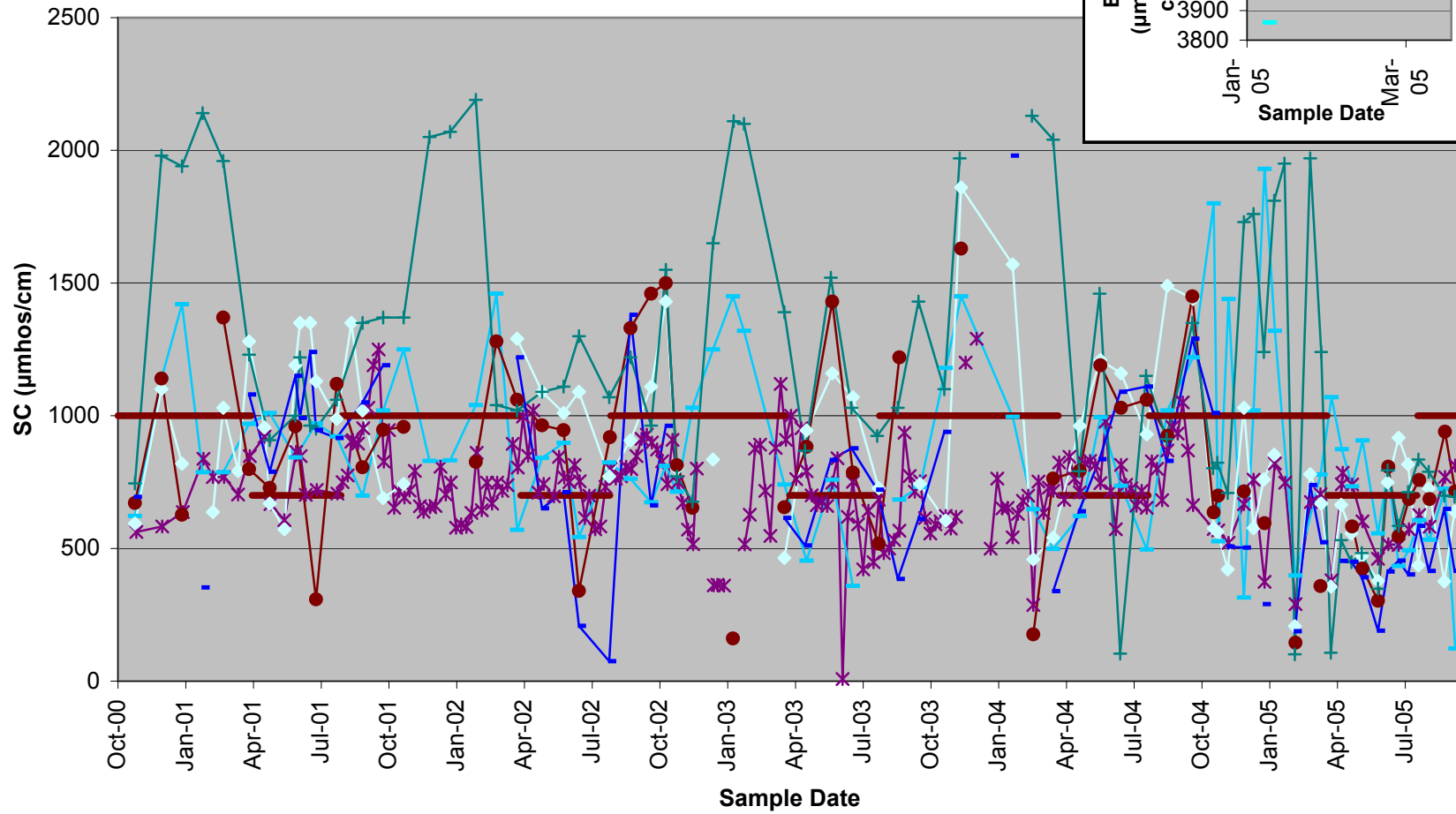


- * Orestimba Creek @ River Rd.
- Solado Creek @ Hwy 33
- ◆ Del Puerto Creek @ Vineyard
- Grayson Drain
- + Ingram Creek @ River Rd.
- Hospital Creek @ River Rd.
- Bay-Delta Authority Target, SJR @ Vernalis (Apr 1-Jun 30 & Sept 1- Nov 30, 20°C)

San Joaquin River Westside Basin Temperature WY01- WY05

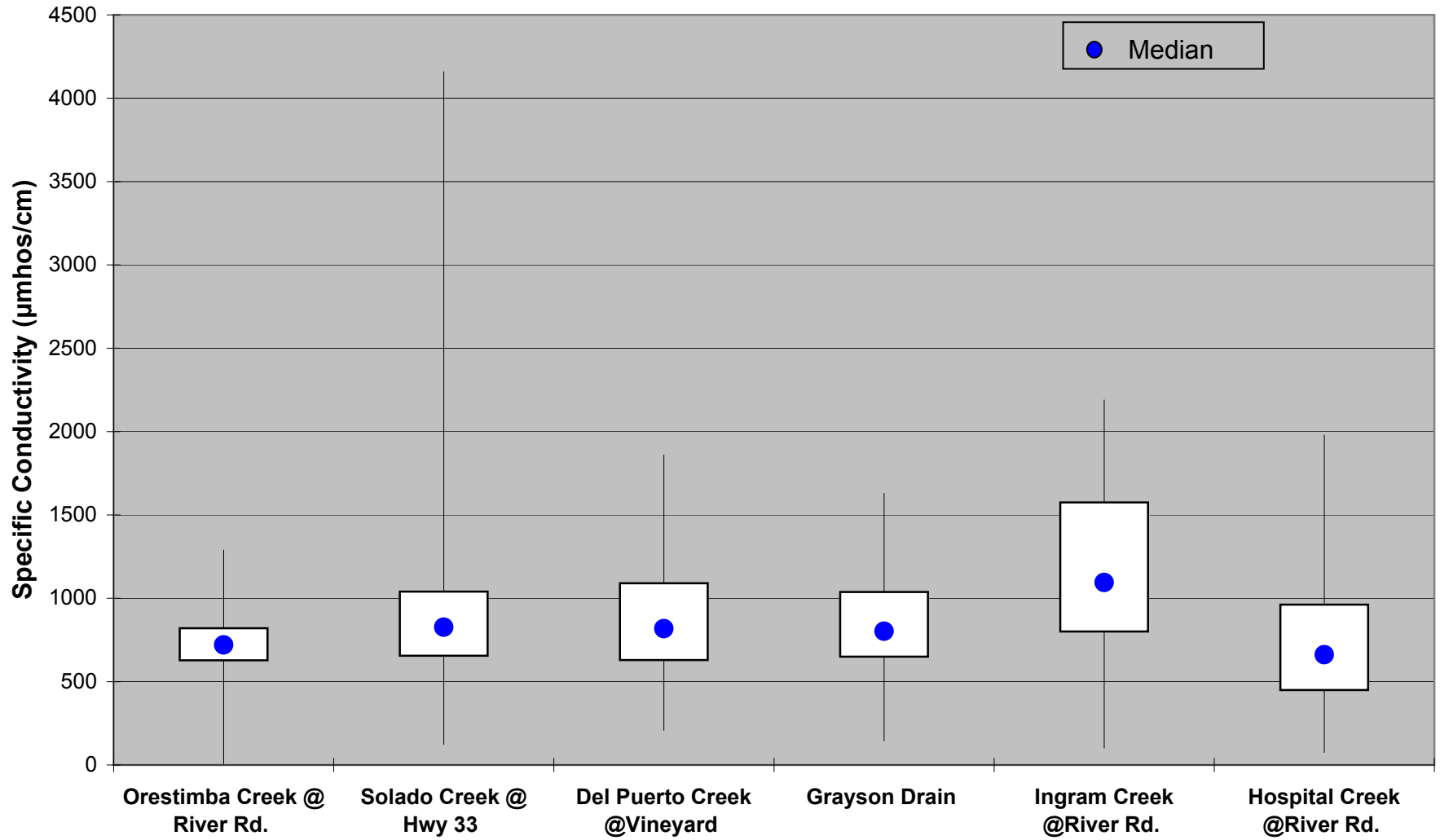


San Joaquin River West Side Basin Specific Conductivity WY01-WY05

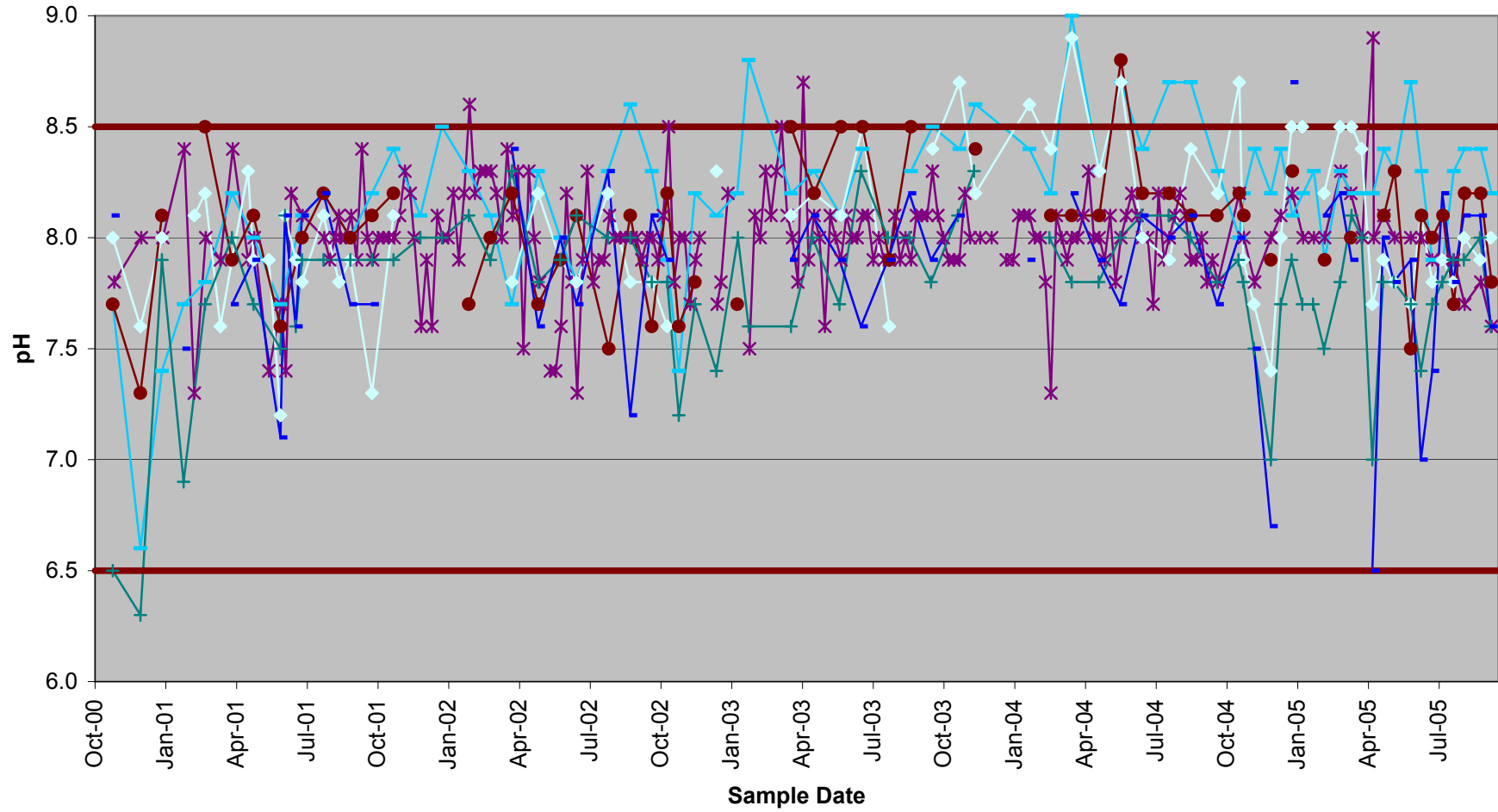


- * Orestimba Creek @ River Rd.
- Solado Creek @ Hwy 33
- ◇ Del Puerto Creek @ Vineyard
- Grayson Drain
- + Ingram Creek @ River Rd.

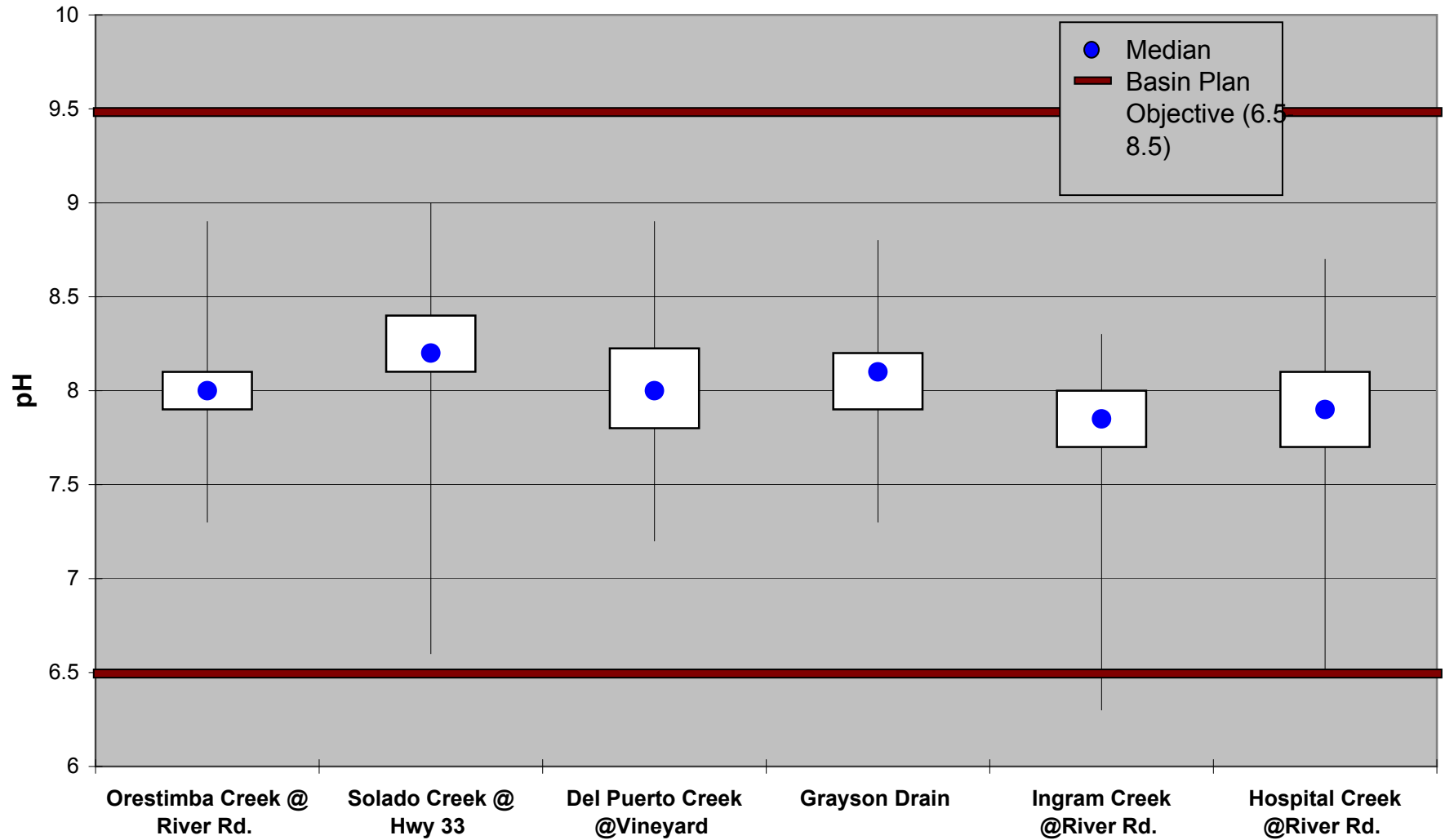
San Joaquin River Westside Basin Specific Conductivity WY01- WY05



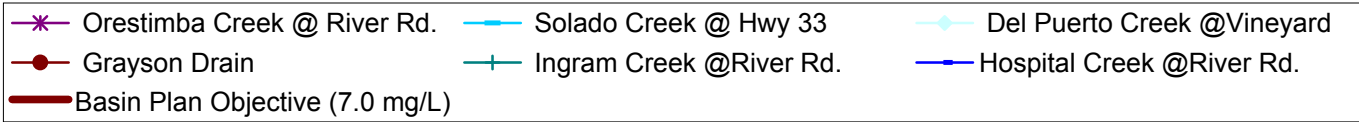
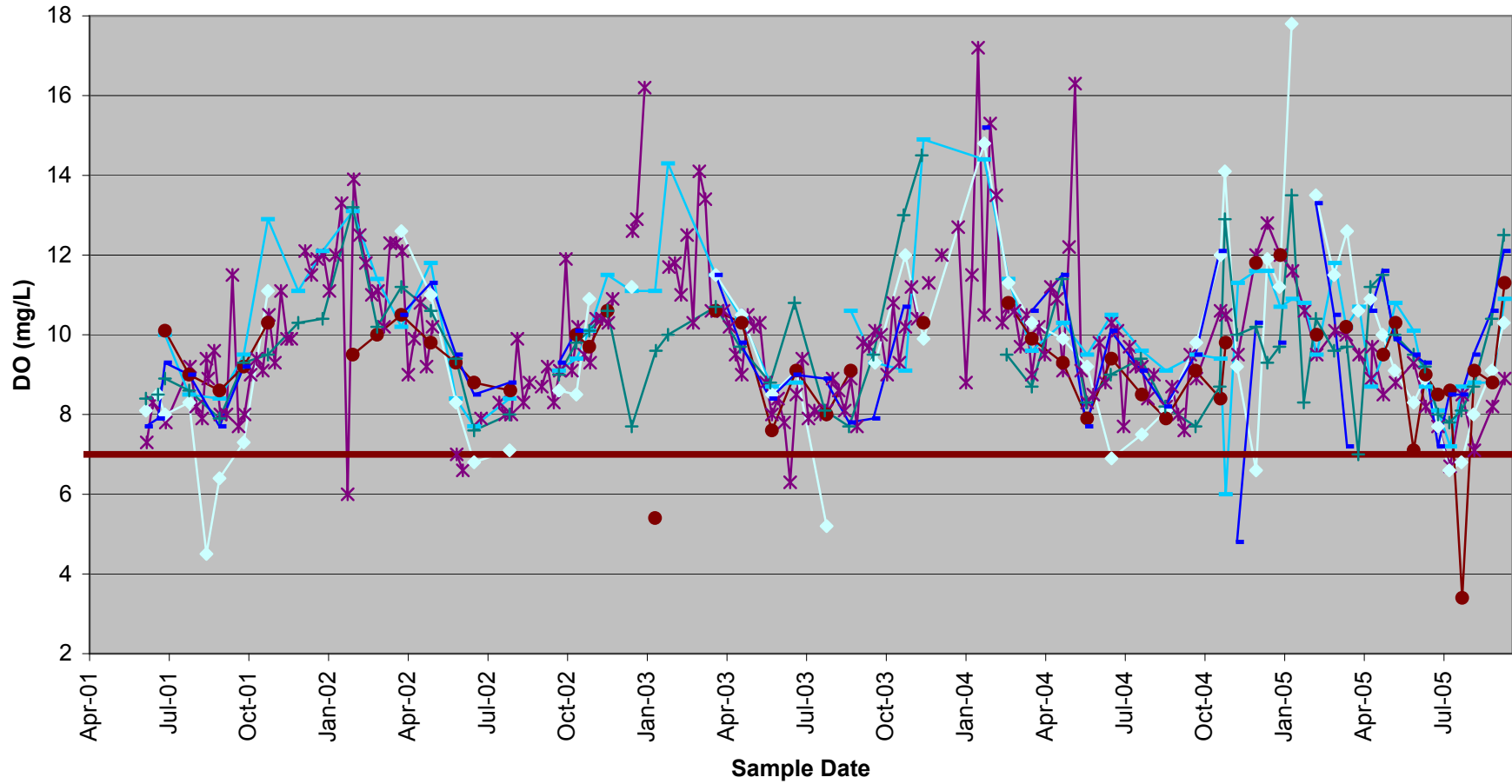
San Joaquin River Northwest Basin pH WY01-WY05



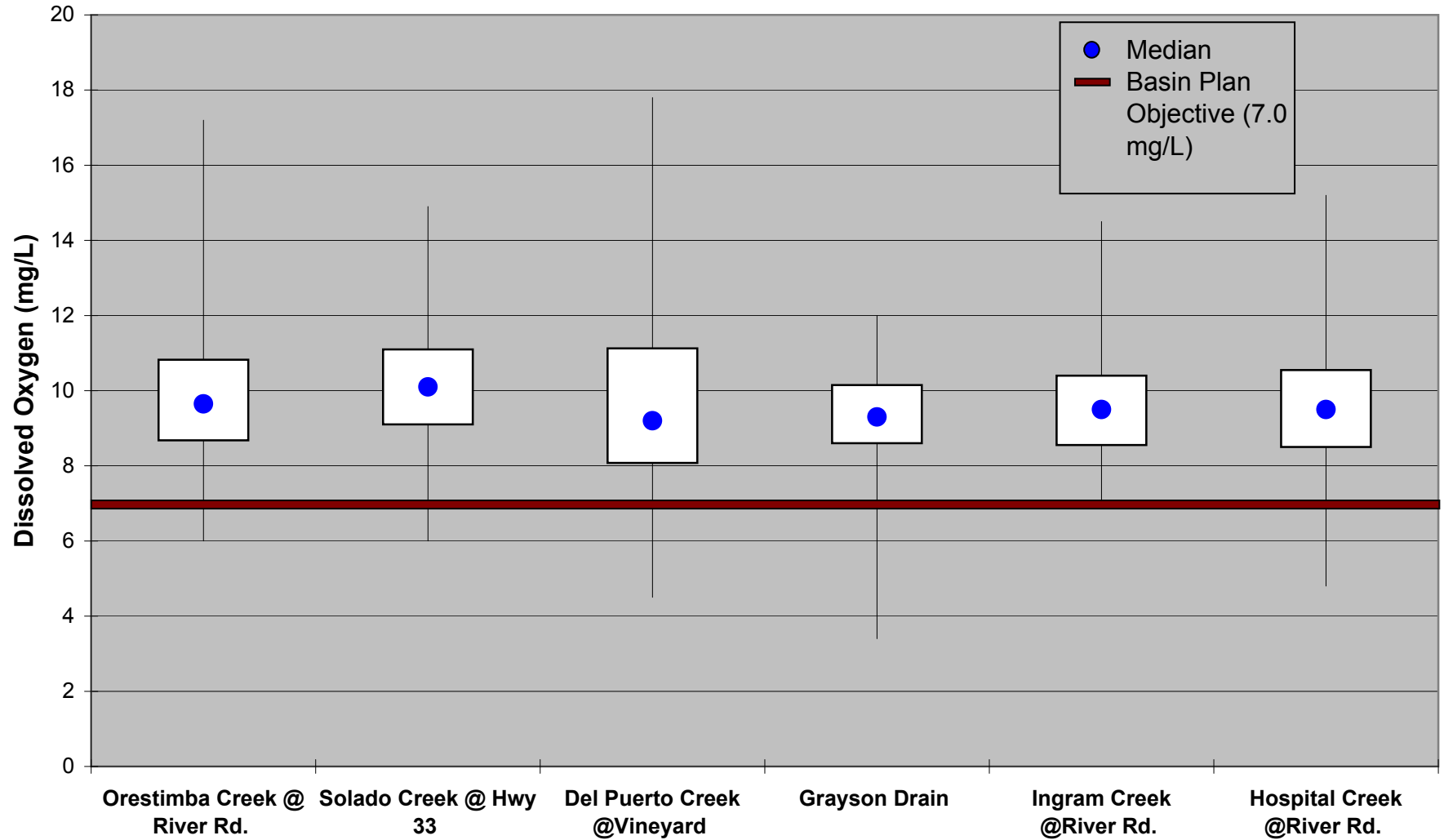
San Joaquin River Westside Basin pH WY01- WY05



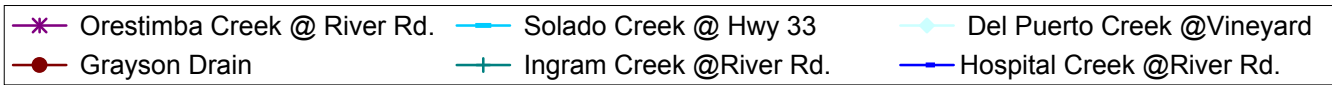
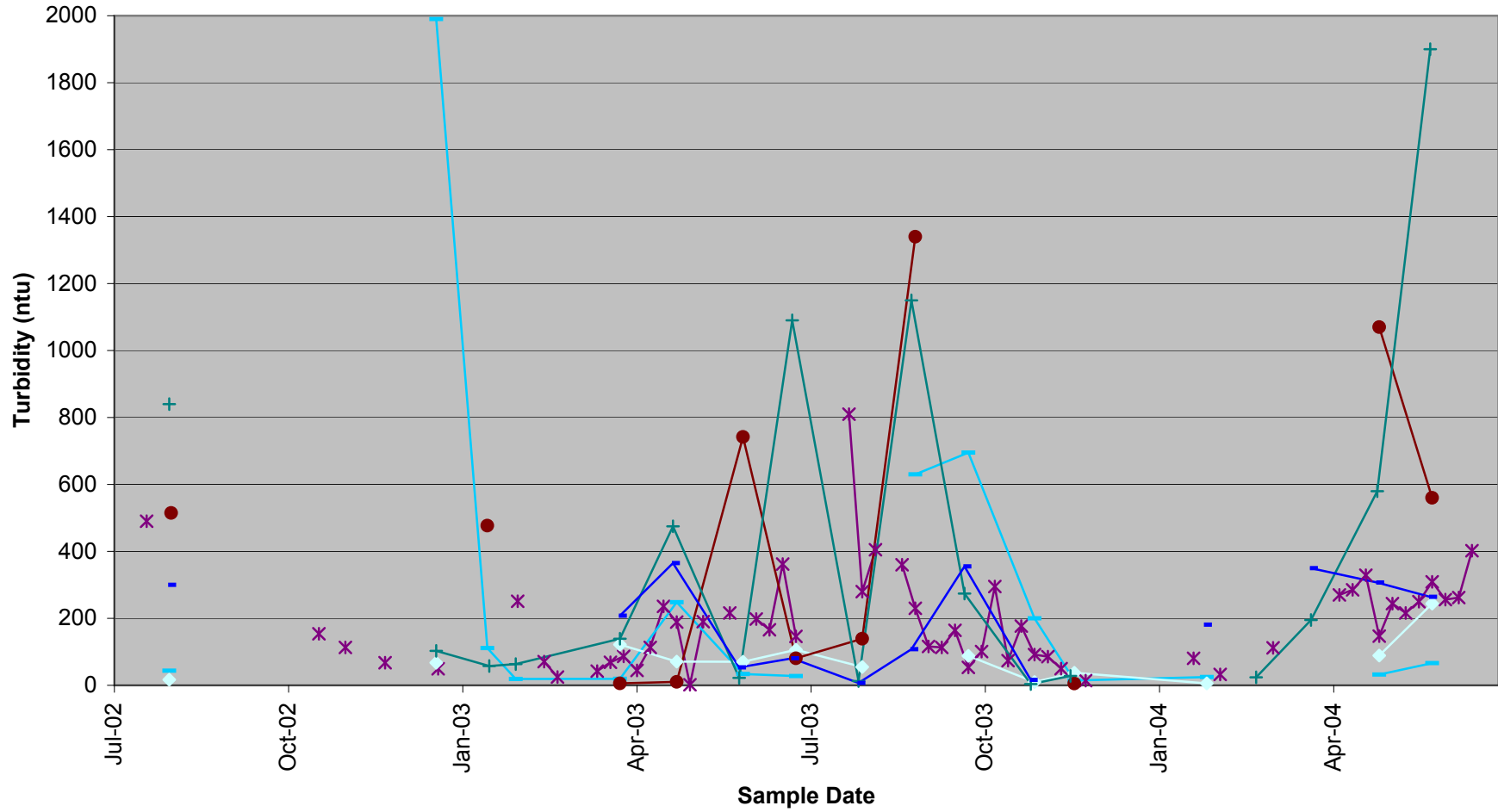
San Joaquin River West Side Basin Dissolved Oxygen WY01-WY05



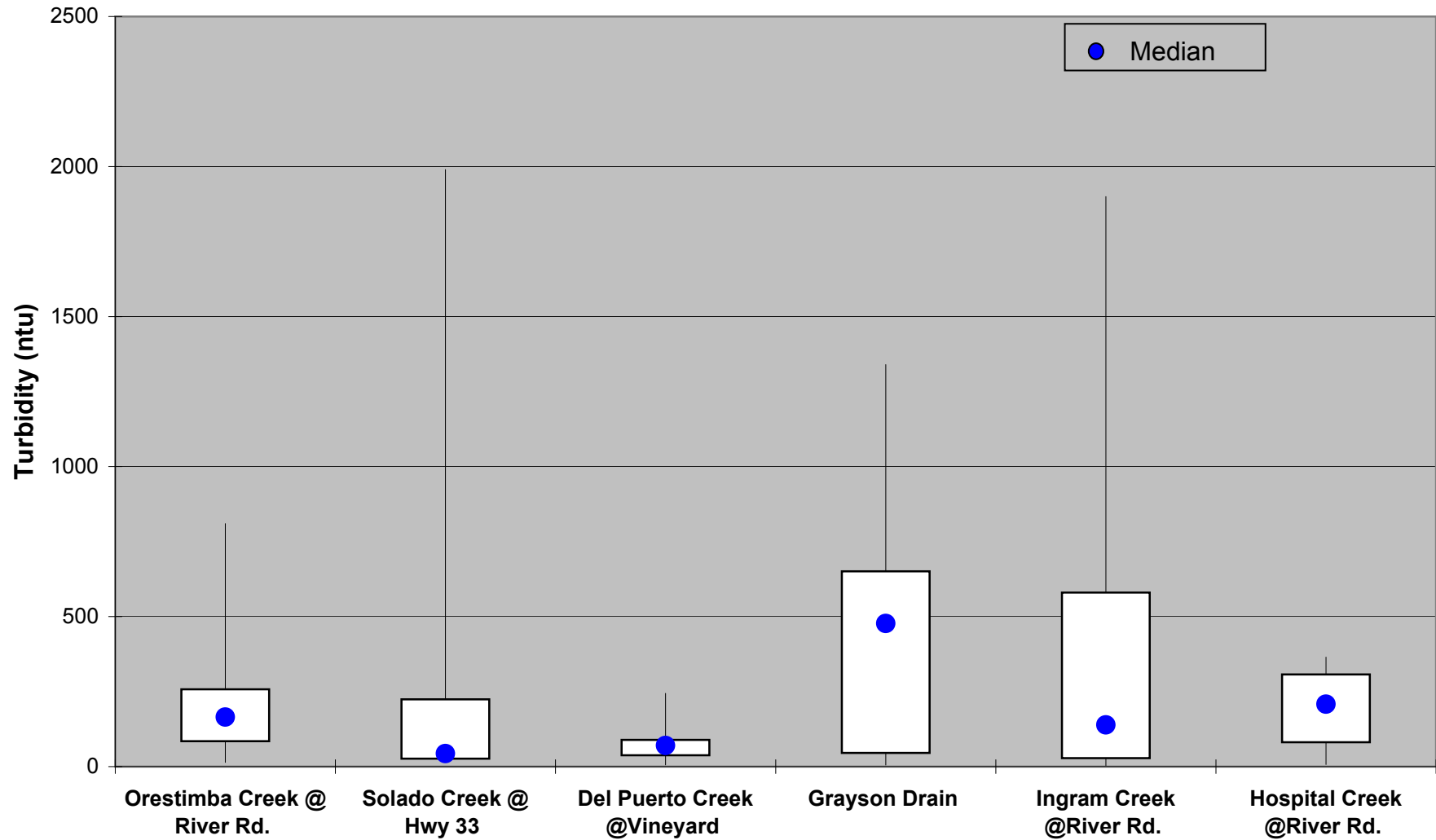
San Joaquin River Westside Basin Dissolved Oxygen WY01- WY05



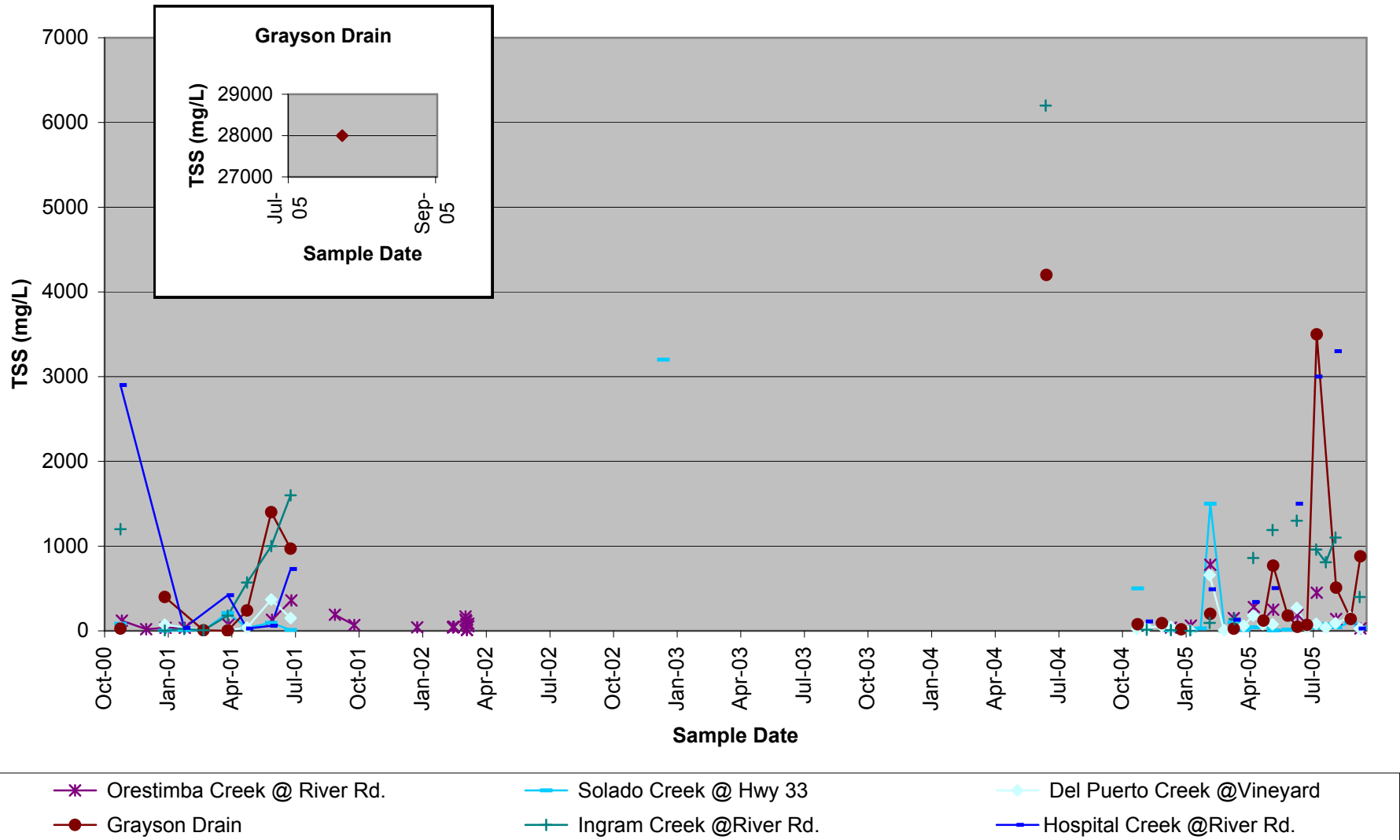
San Joaquin River West Side Basin Turbidity WY02-WY04



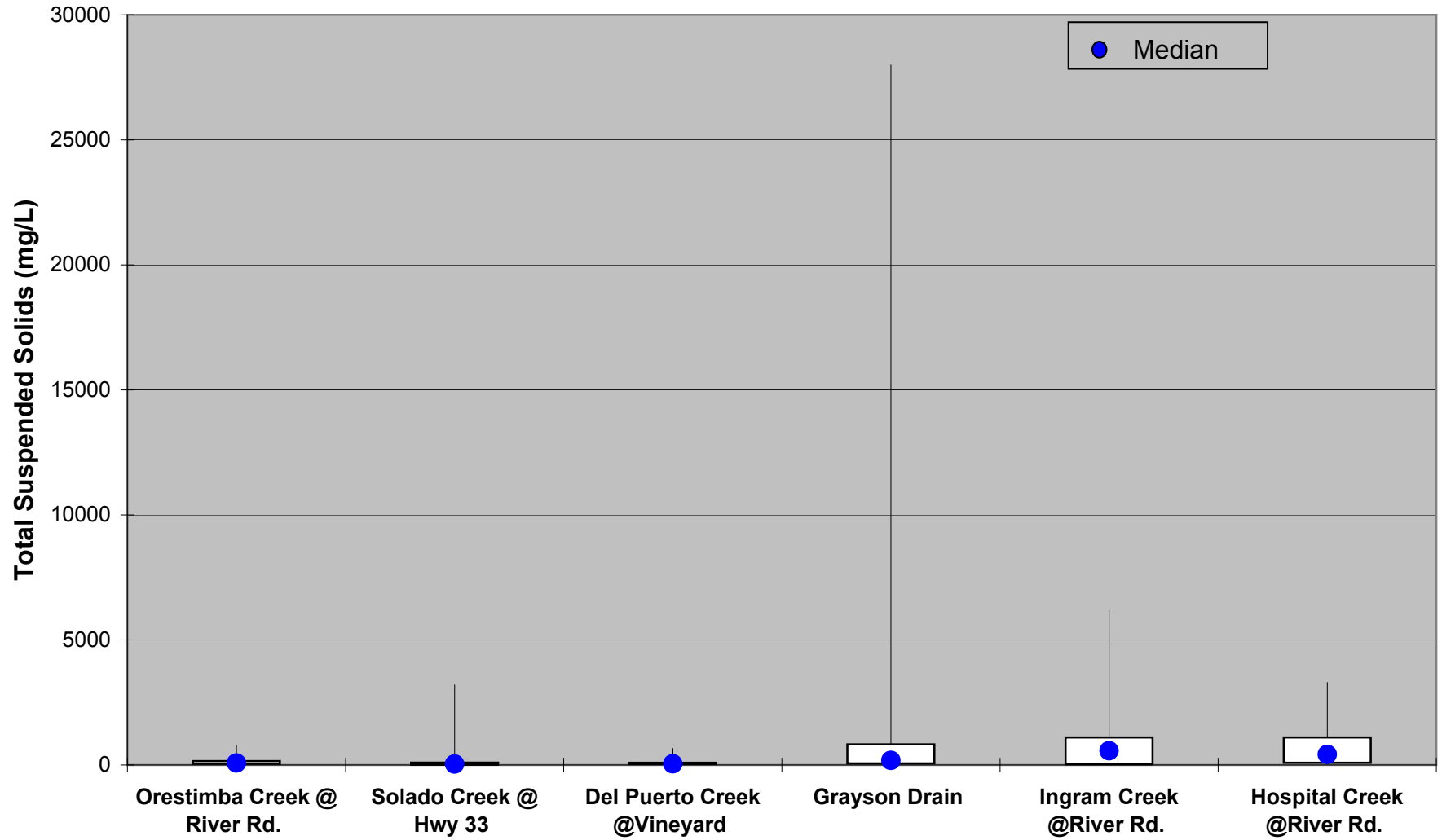
San Joaquin River Westside Basin Turbidity WY02- WY04



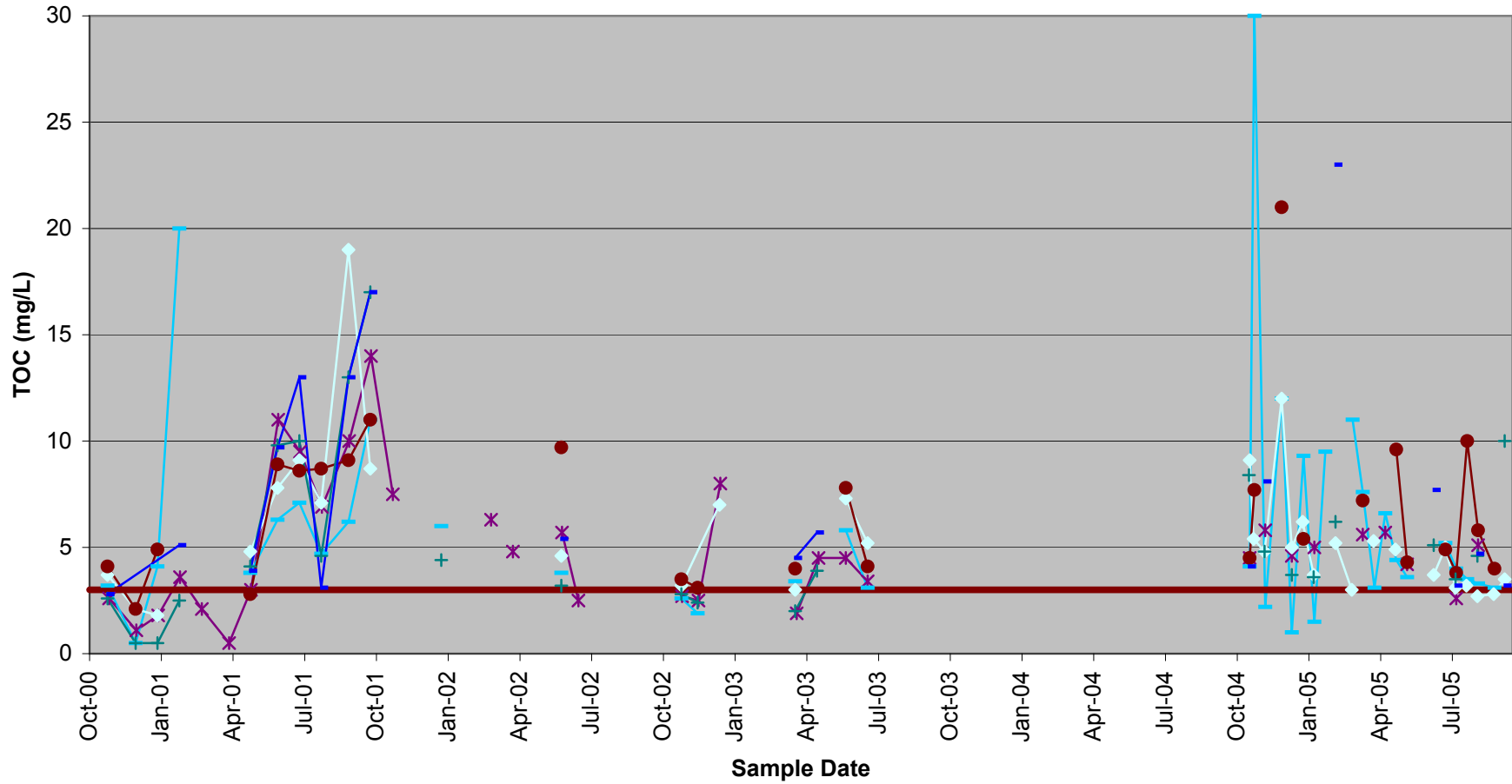
San Joaquin River West Side Basin Total Suspended Solids WY01-WY05



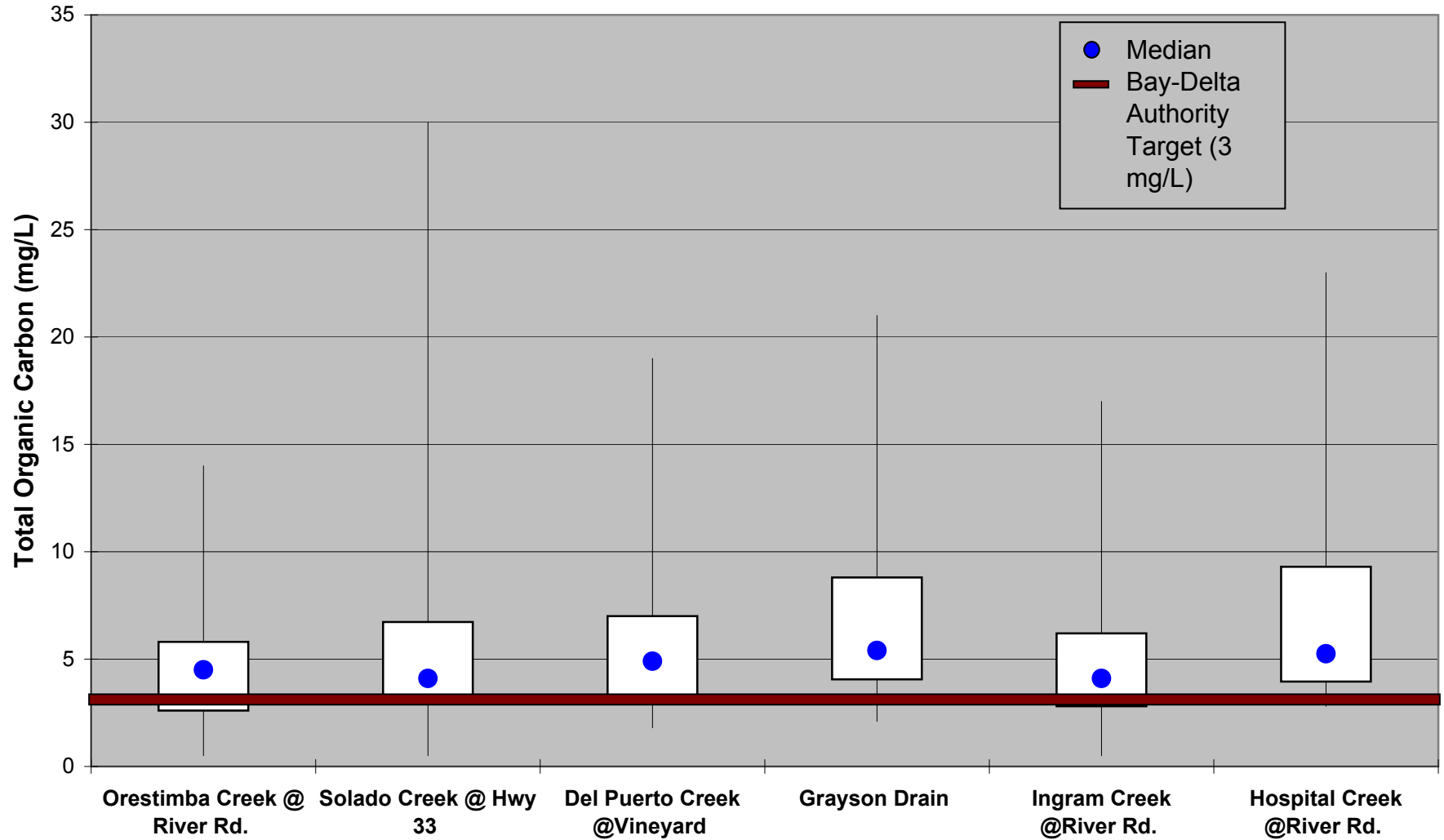
San Joaquin River Westside Basin Total Suspended Solids WY01- WY05



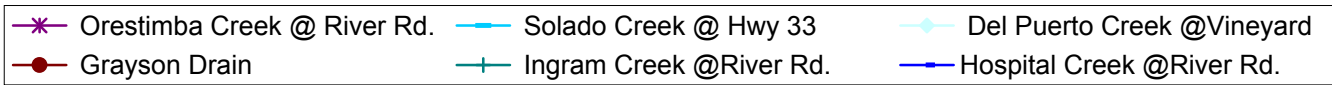
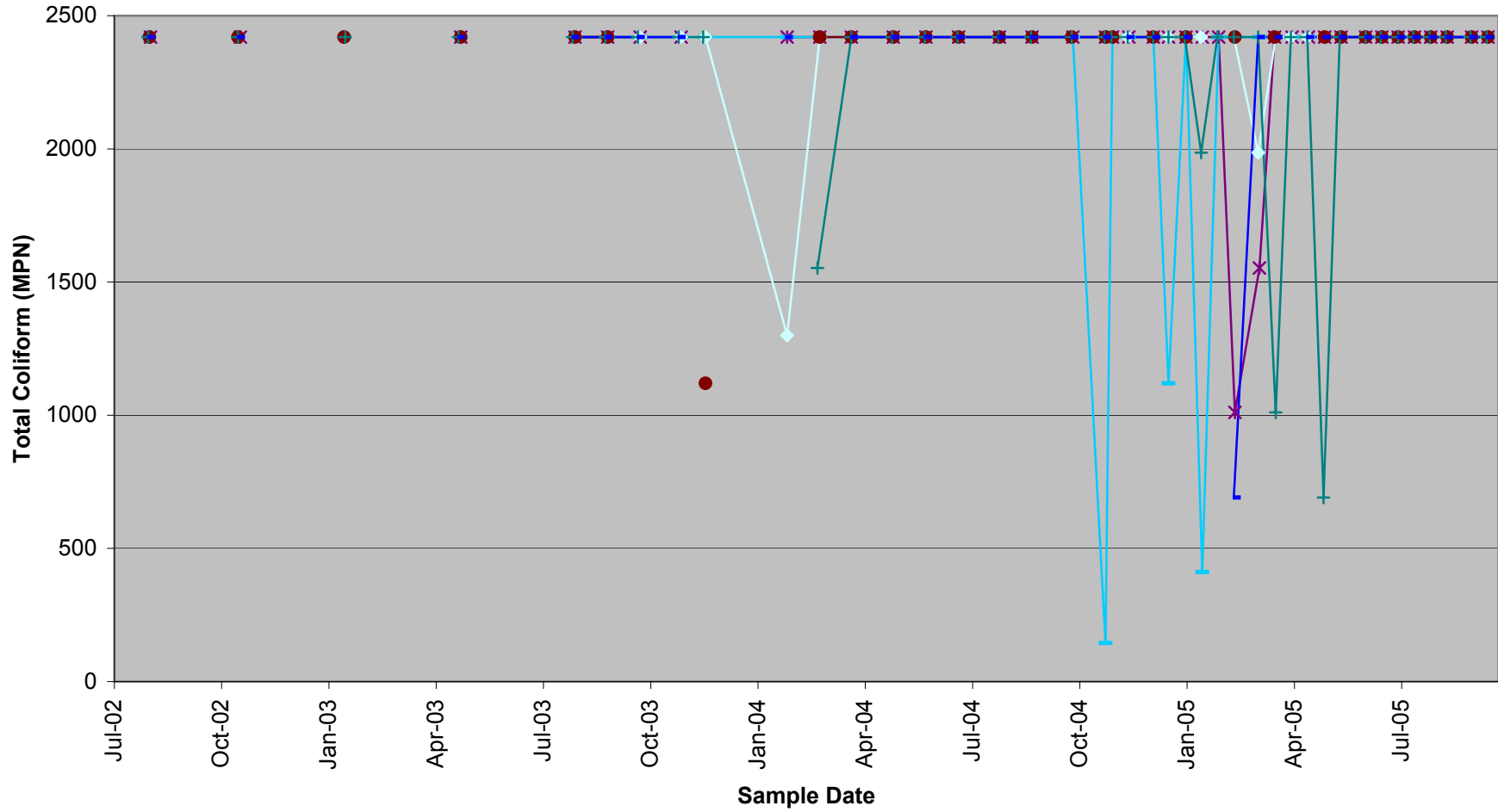
San Joaquin River West Side Basin Total Organic Carbon WY01-WY05



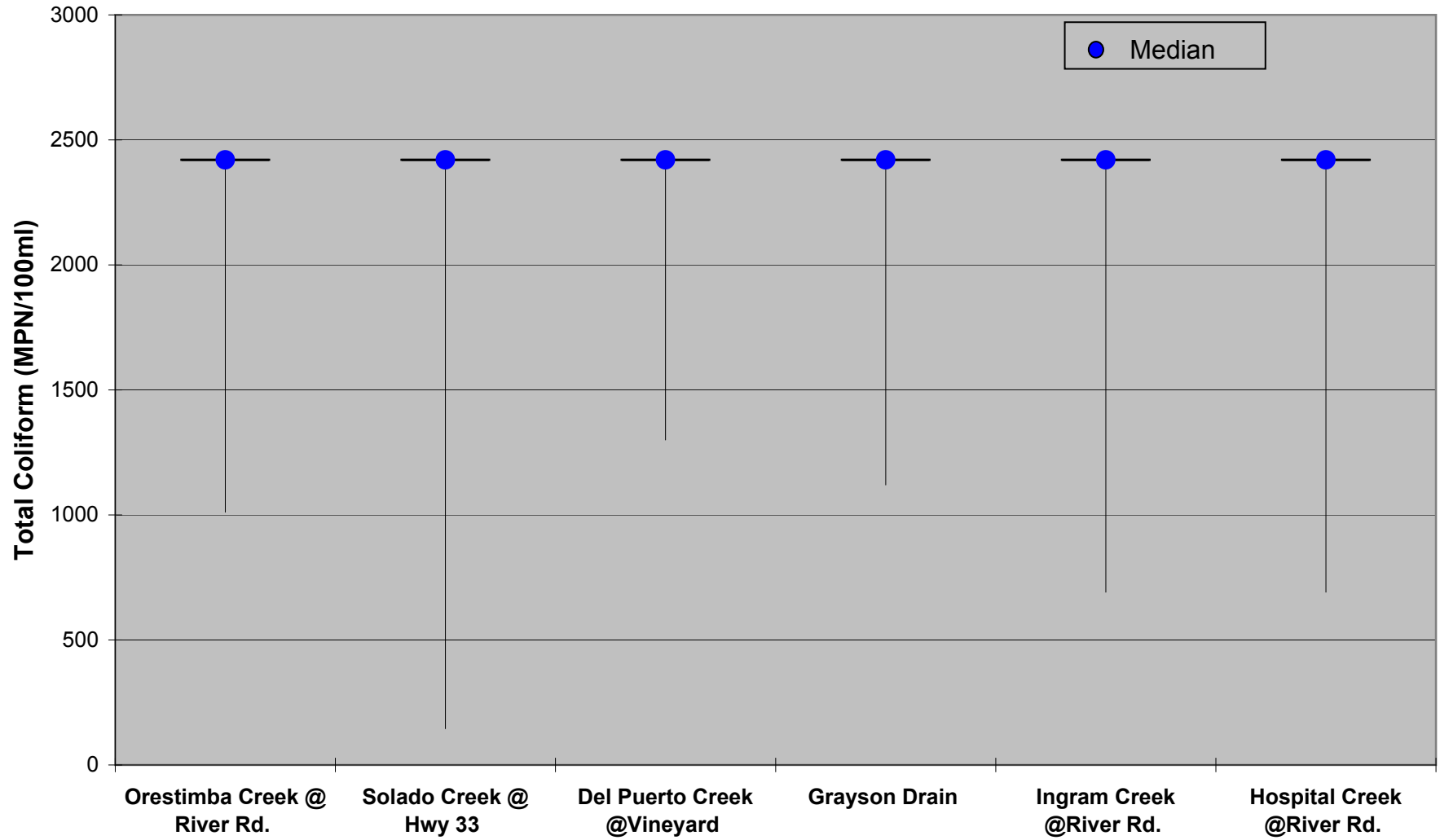
San Joaquin River Westside Basin Total Organic Carbon WY01- WY05



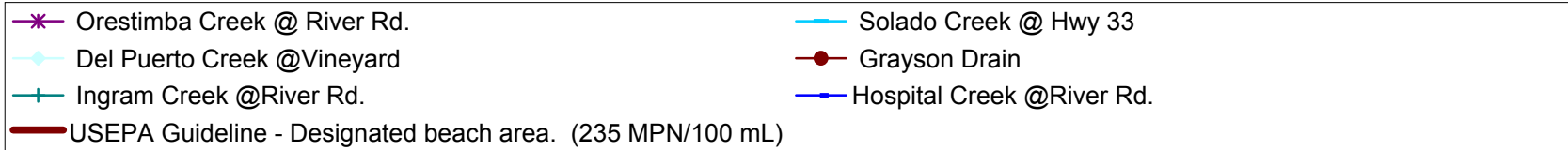
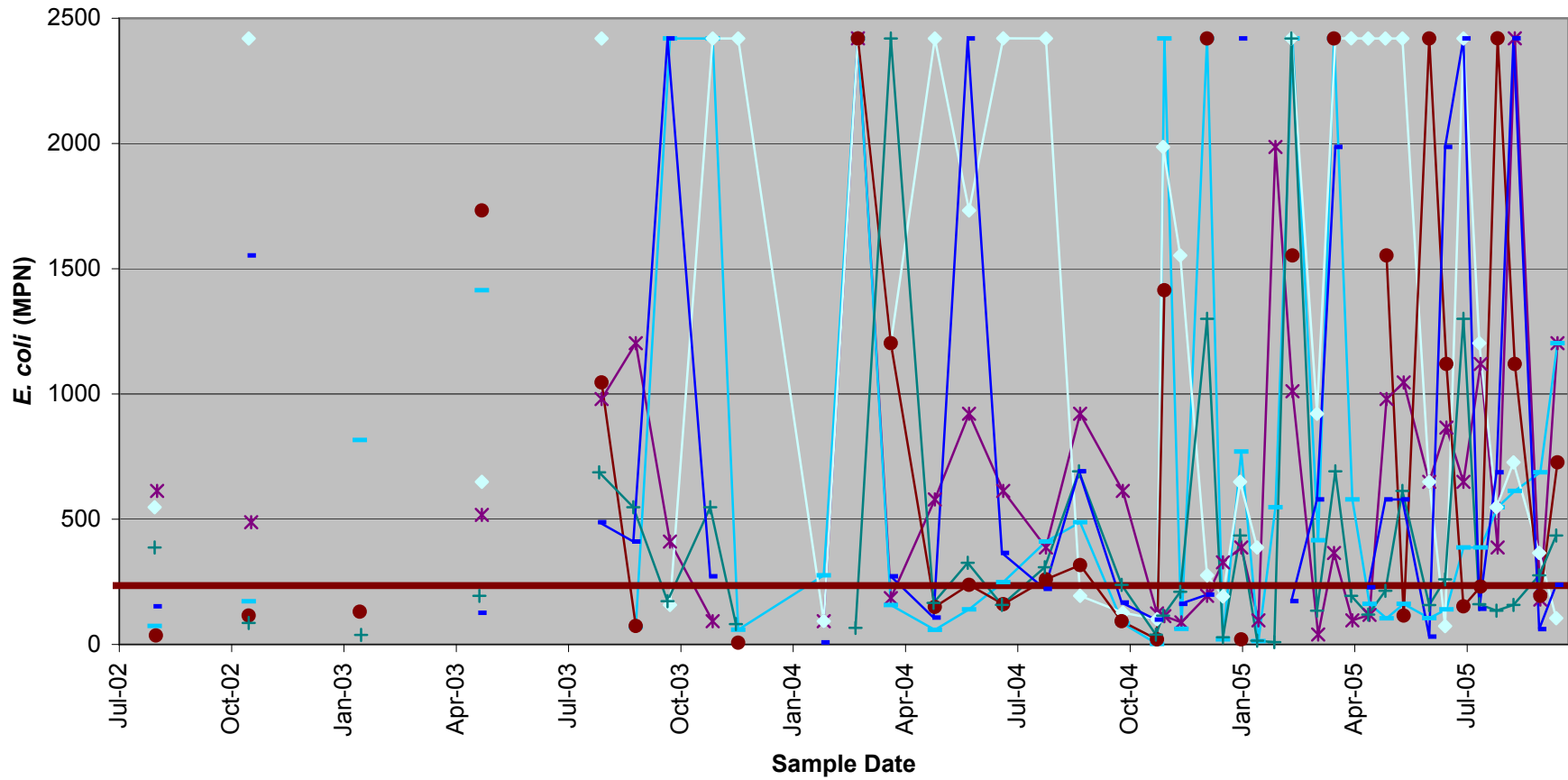
San Joaquin River West Side Basin Total Coliform WY02-WY05



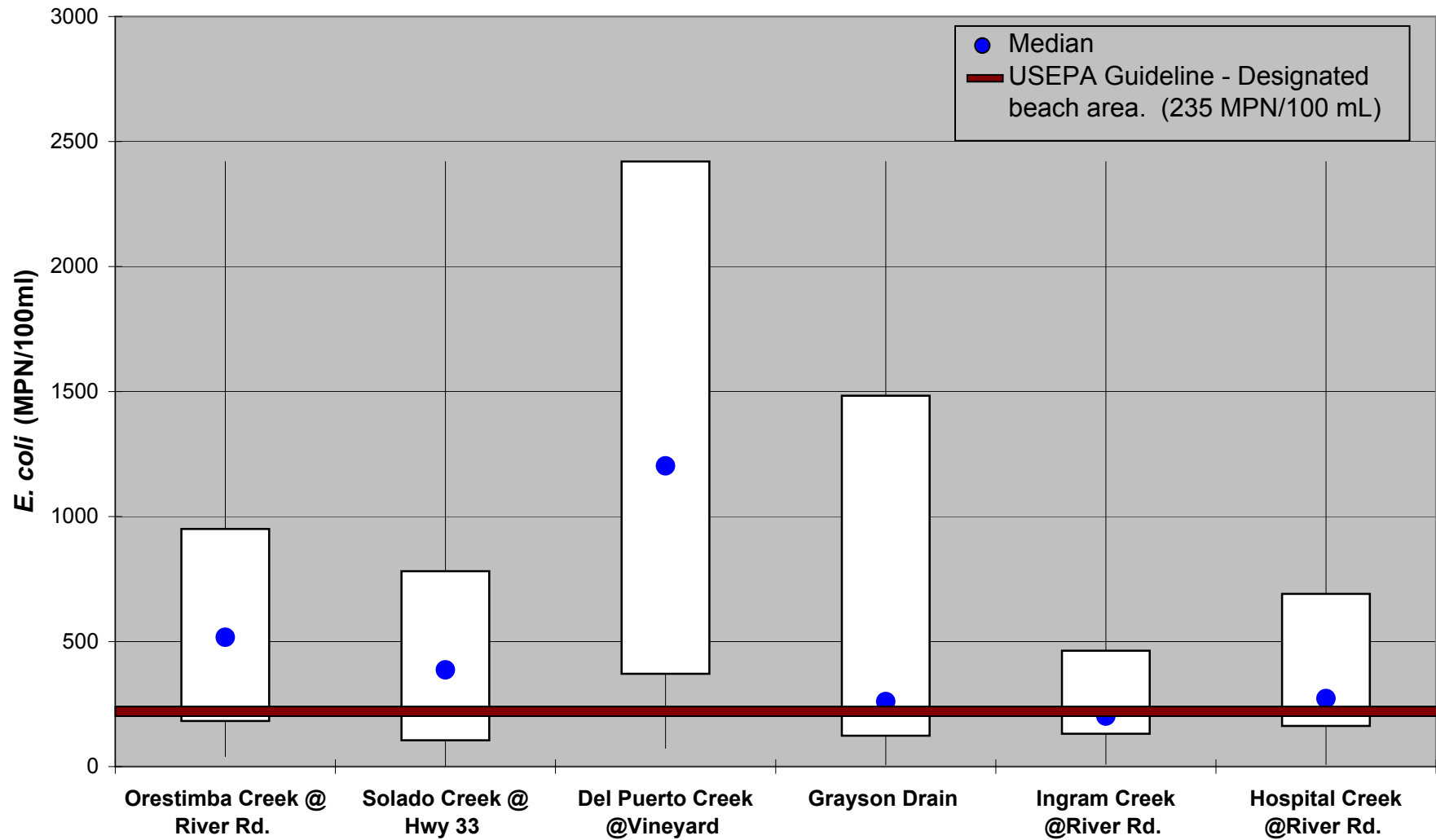
San Joaquin River Westside Basin Total Coliform WY02- WY05



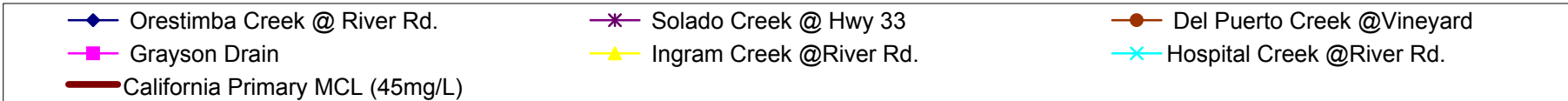
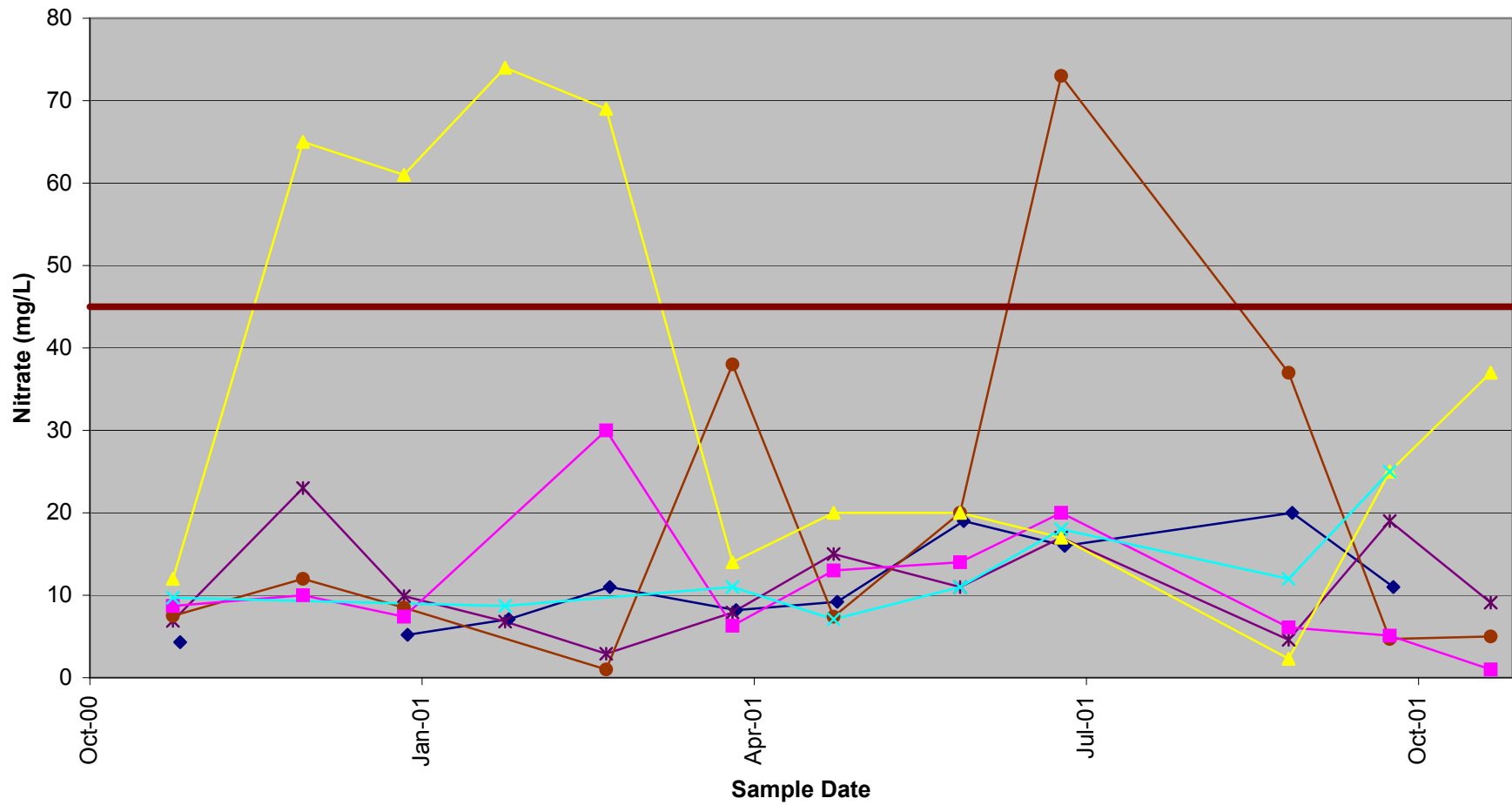
San Joaquin River West Side Basin *Escherichia coli* WY02-WY05



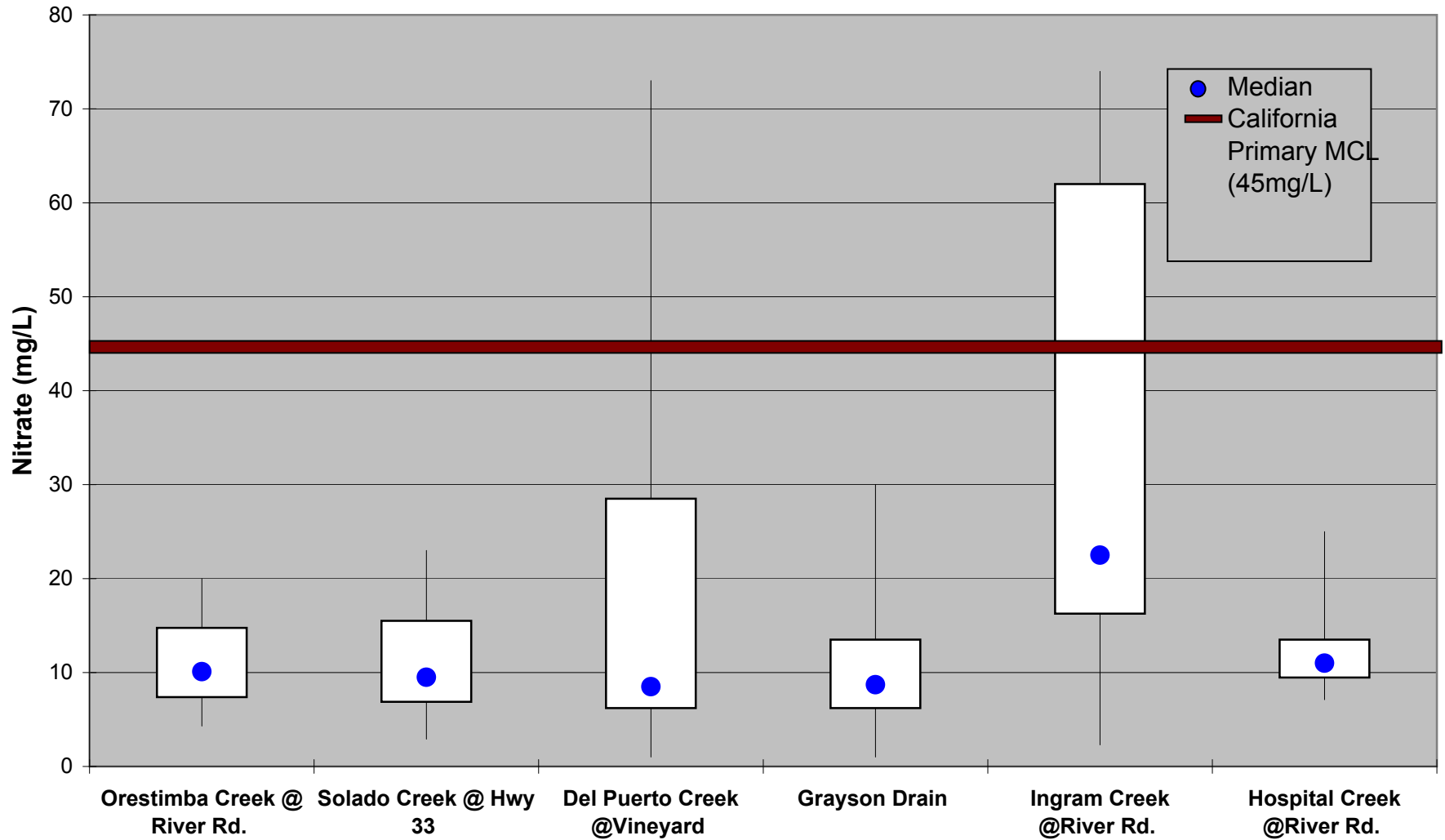
San Joaquin River Westside Basin *Escherichia coli* WY02-WY05



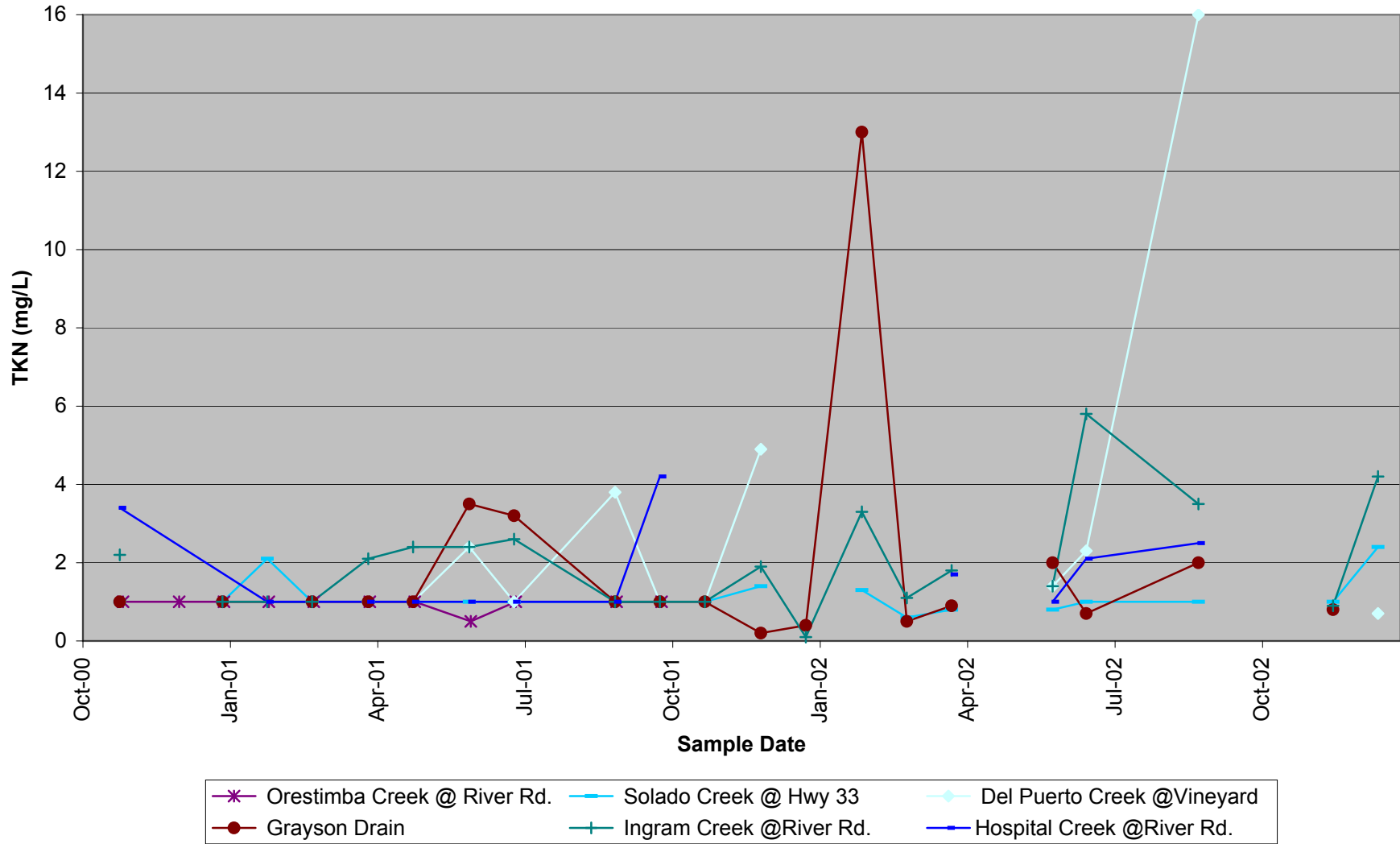
San Joaquin River West Side Basin Summary Nitrate WY01-WY02



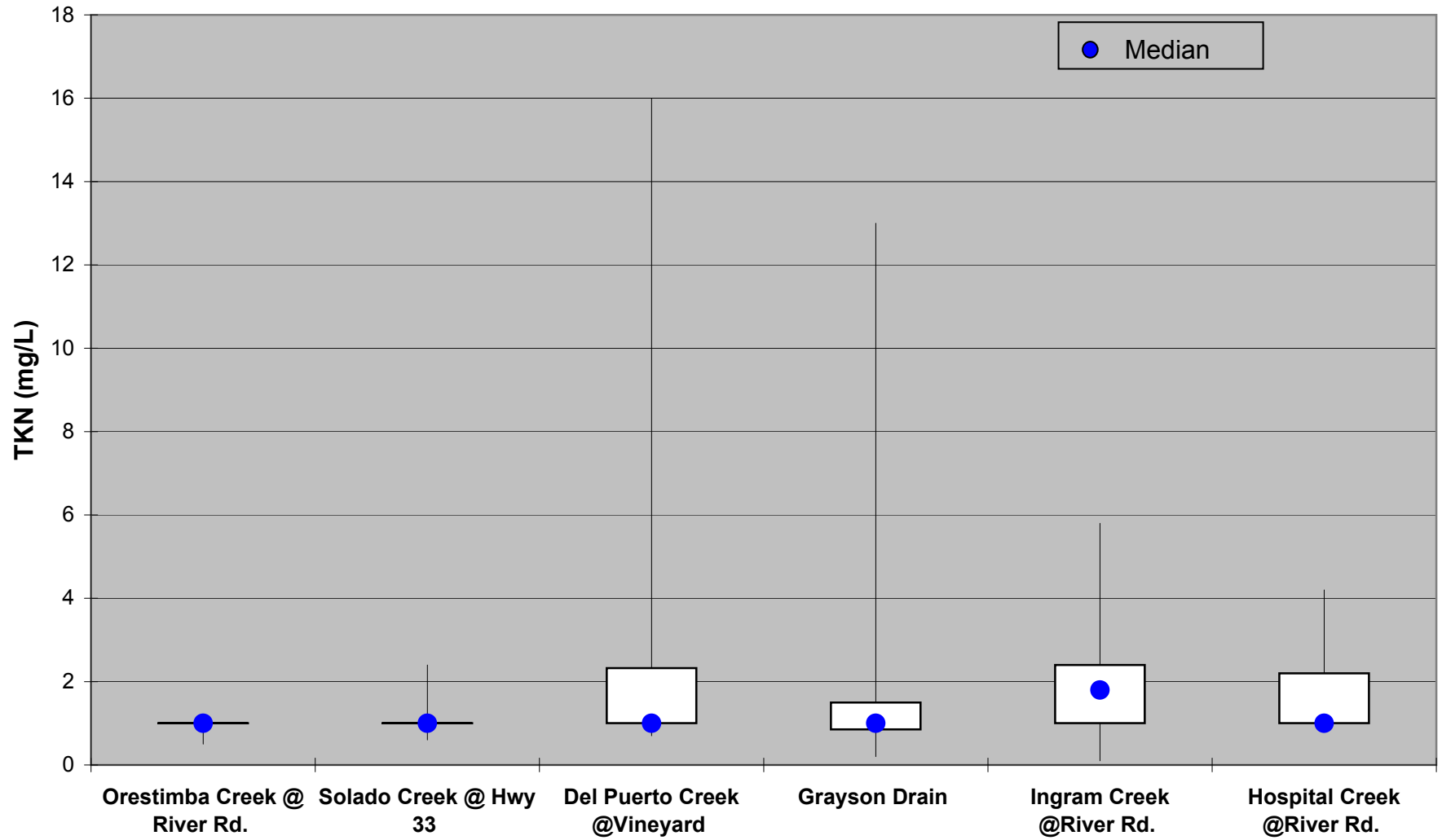
San Joaquin River Westside Basin Nitrate WY01-WY04



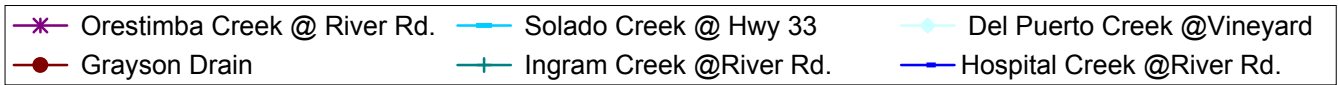
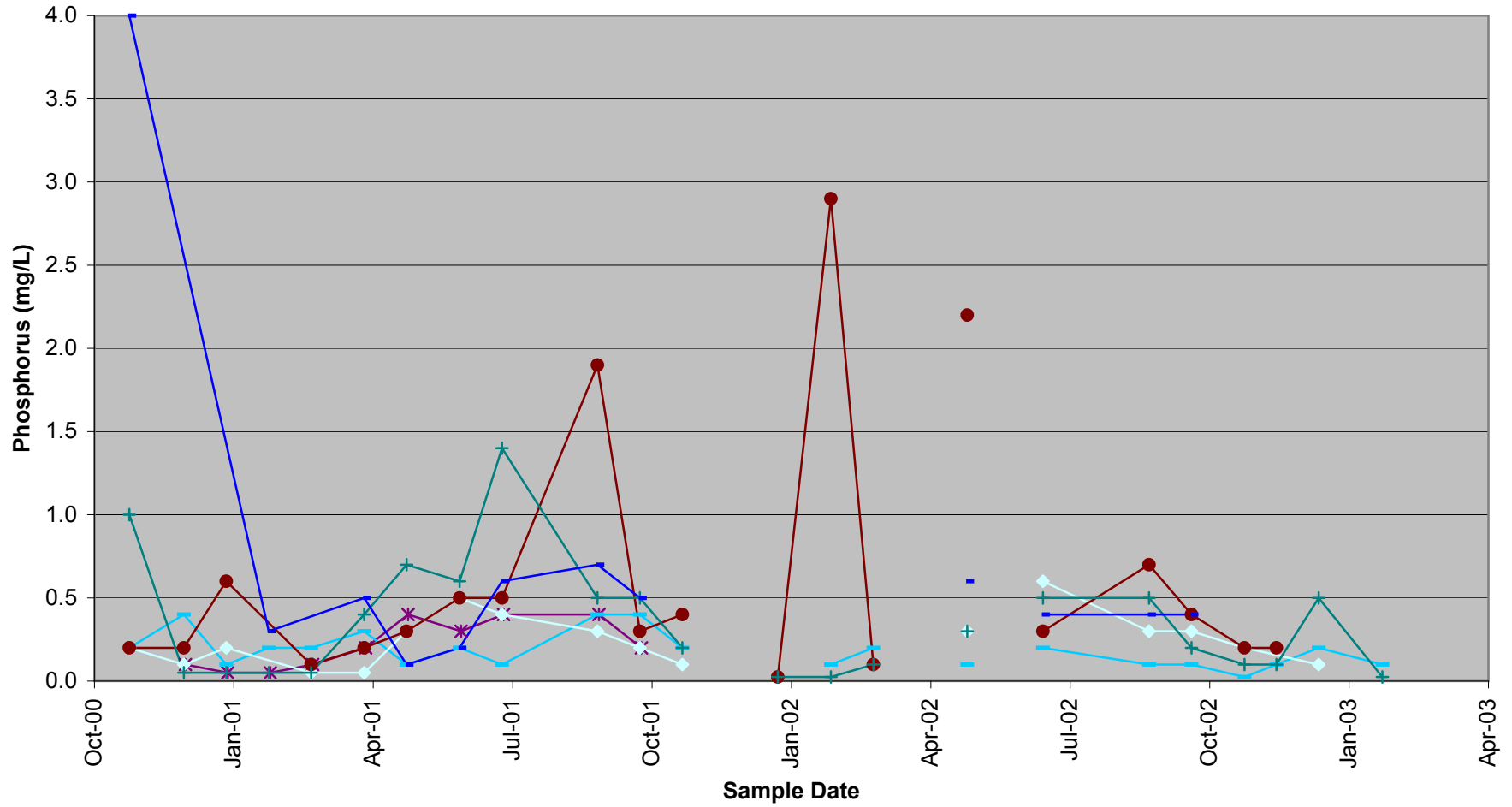
San Joaquin River West Side Basin Total Kjeldahl Nitrogen WY01-WY03



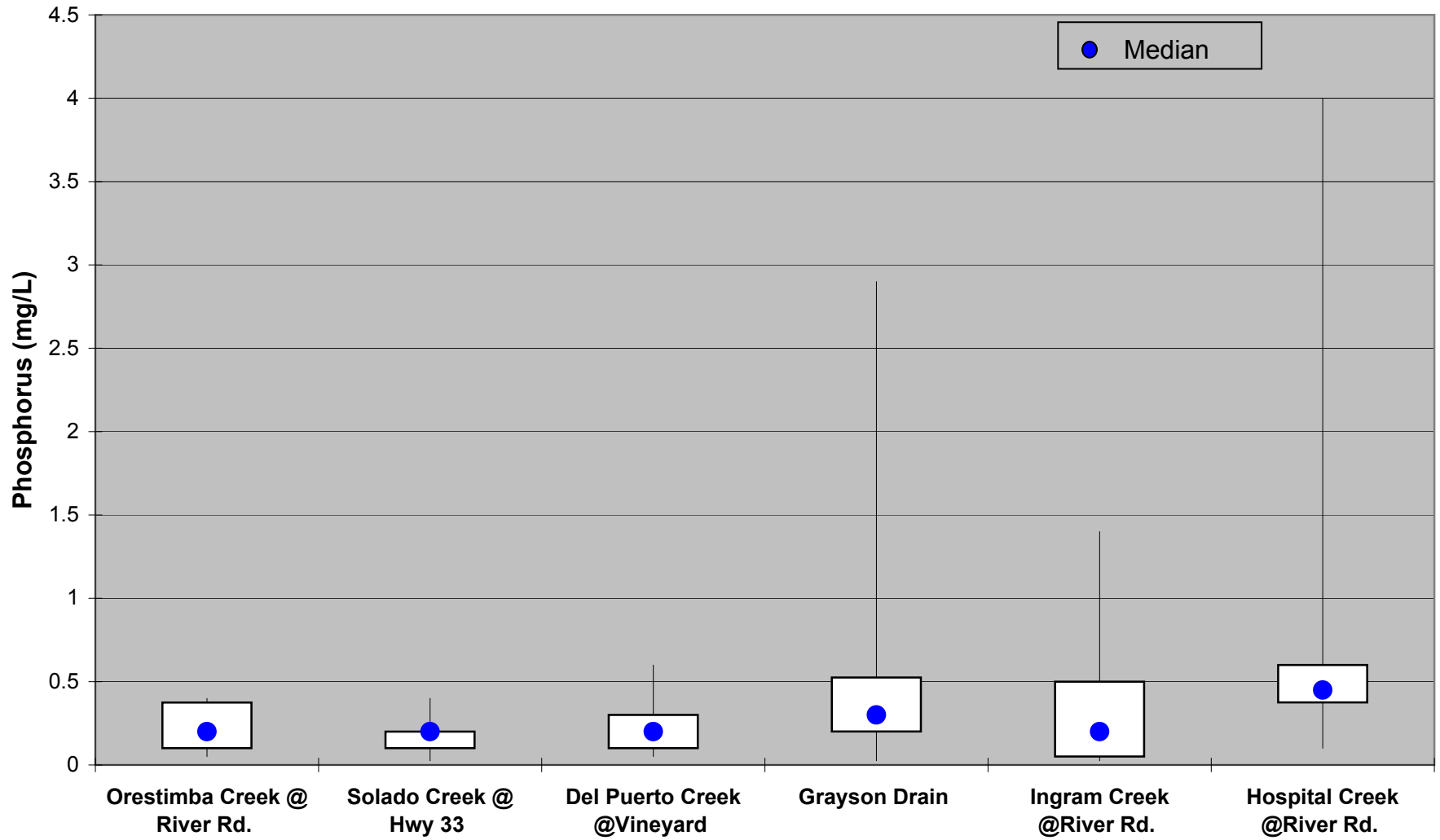
San Joaquin River Westside Basin Total Kjeldahl Nitrogen WY01-WY05



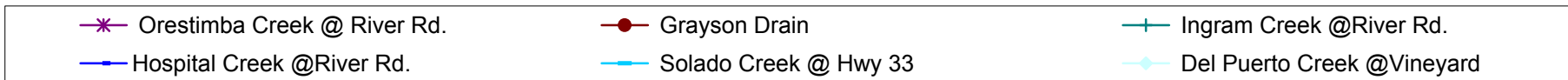
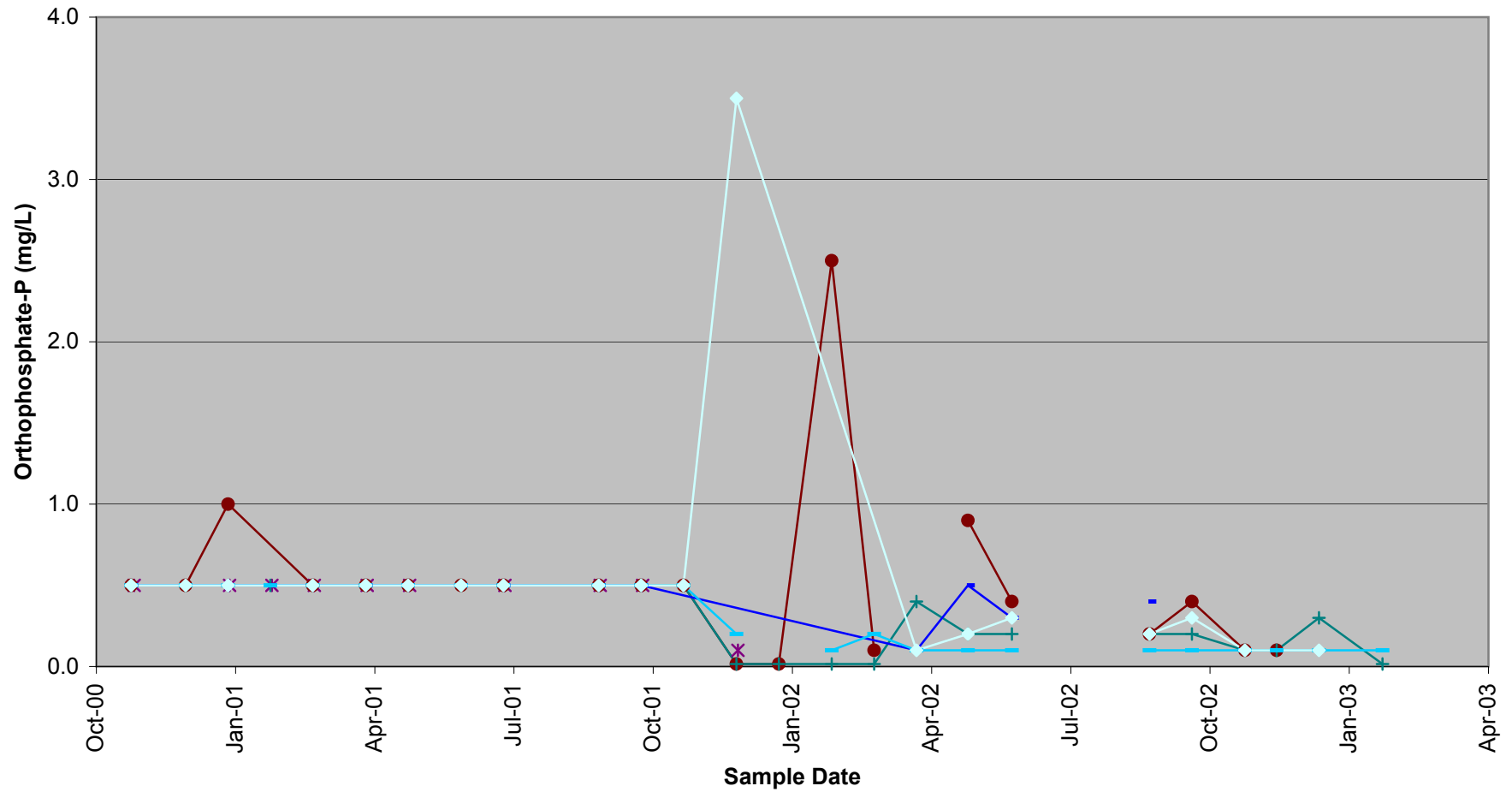
San Joaquin River West Side Basin Phosphorus WY01-WY03



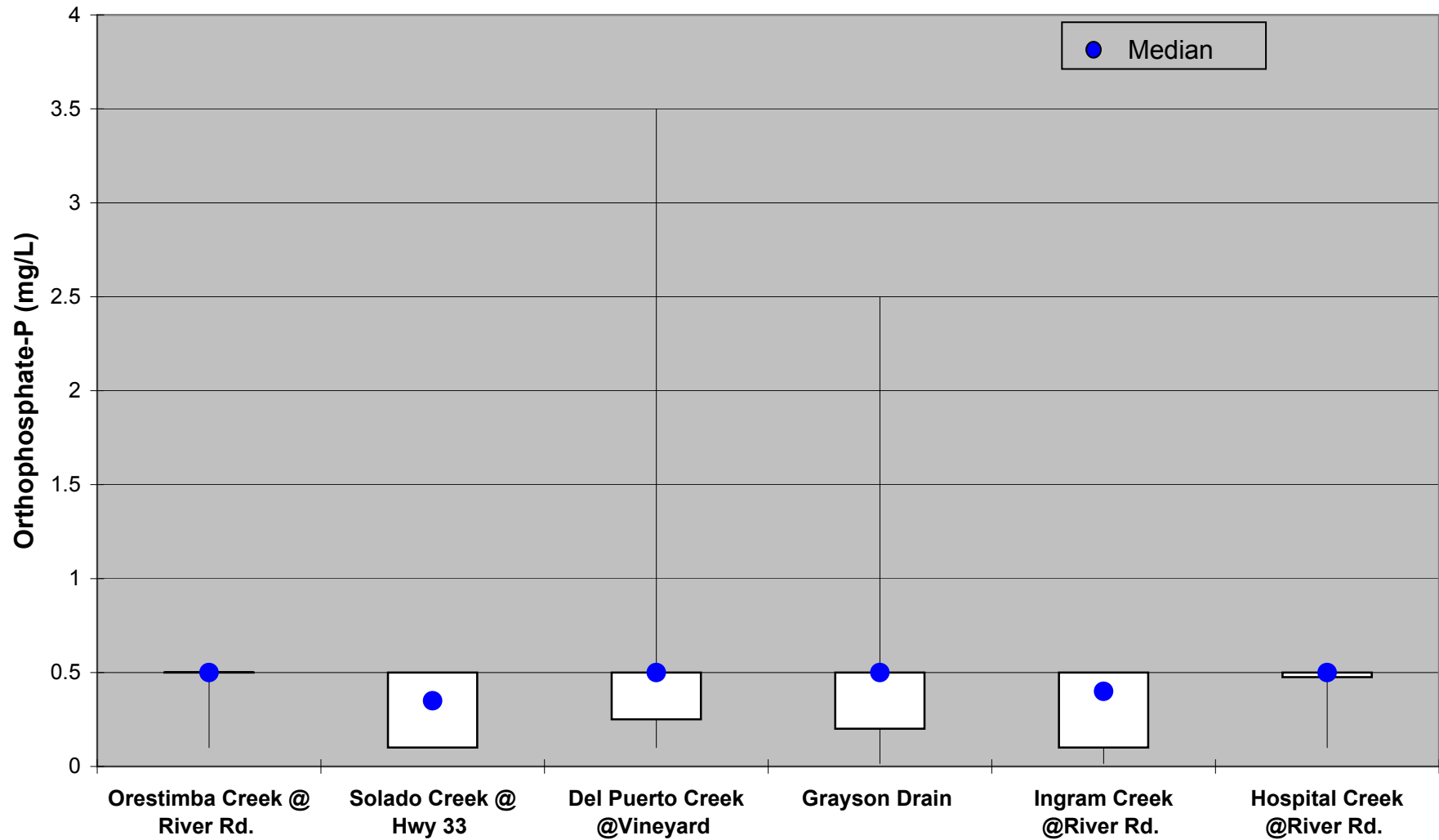
San Joaquin River Westside Basin Phosphorus WY01-WY05



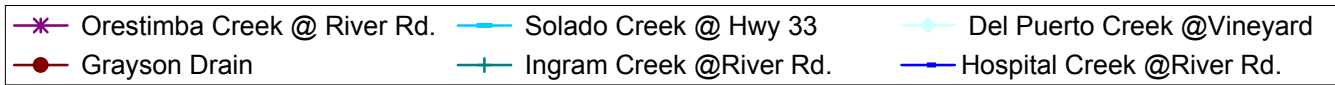
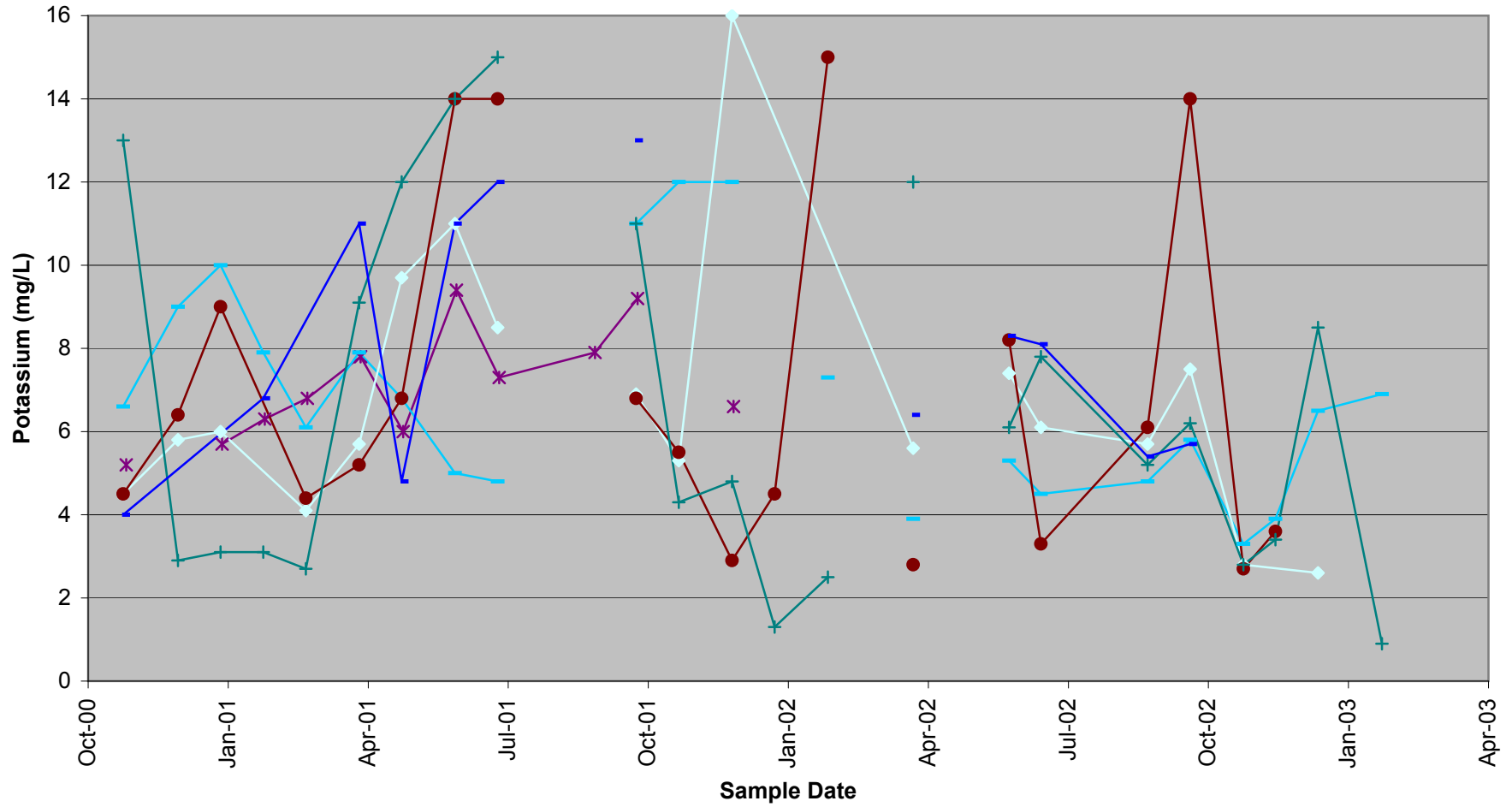
San Joaquin River West Side Basin Orthophosphate-P WY01-WY03



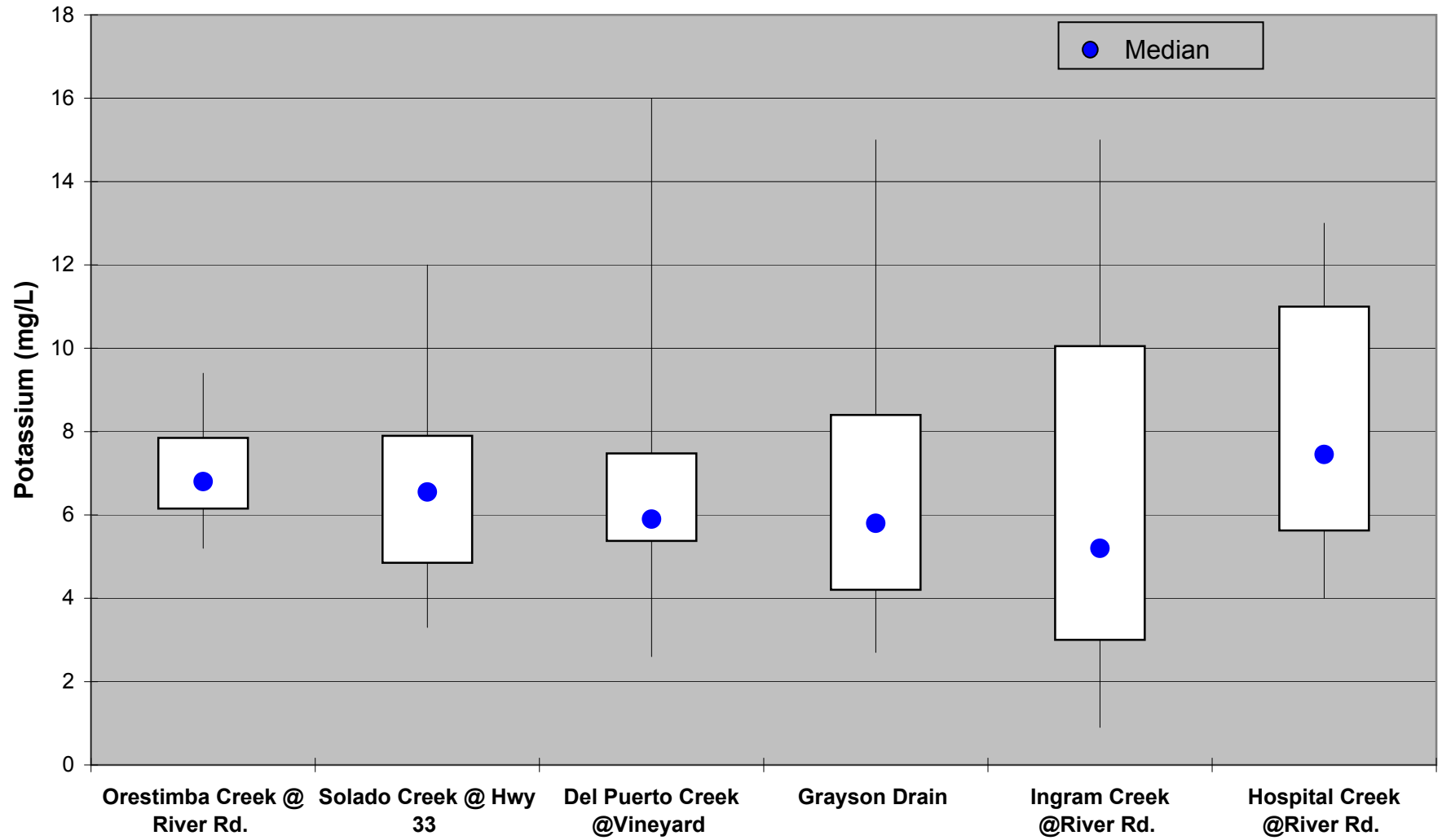
San Joaquin River Westside Basin Orthophosphate-P WY01-WY05



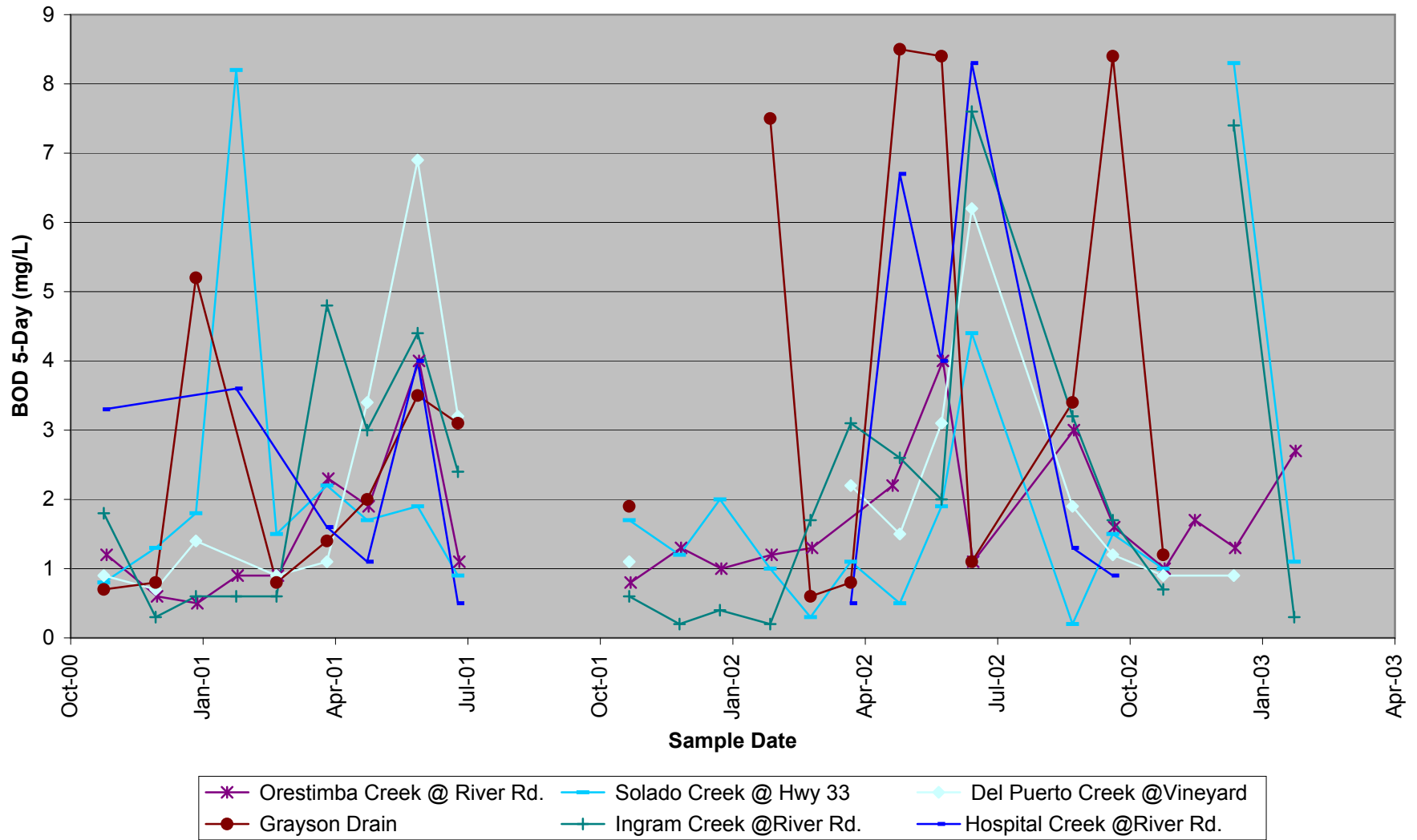
San Joaquin River West Side Basin Potassium WY01-WY03



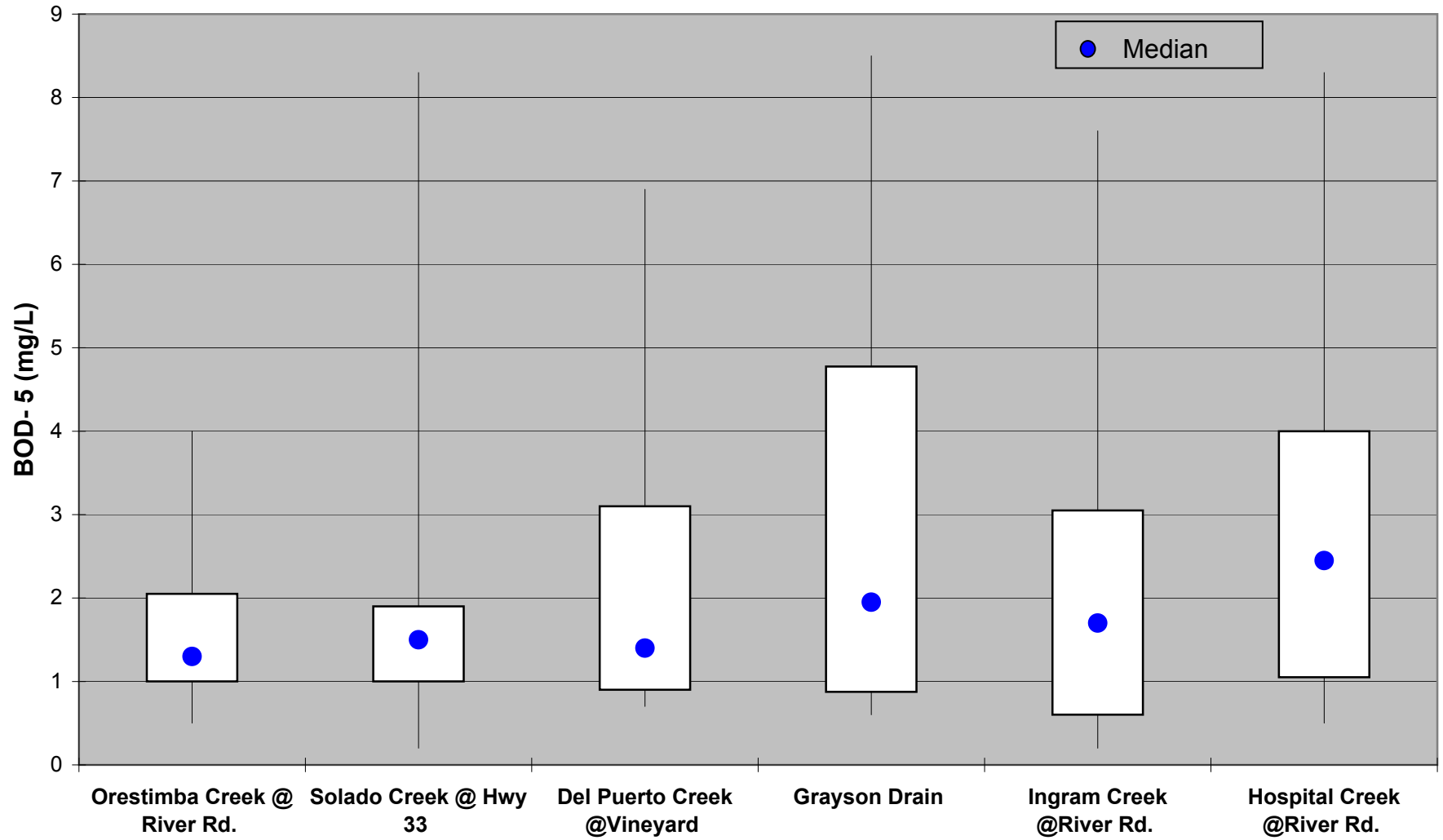
San Joaquin River Westside Basin Potassium WY01-WY04



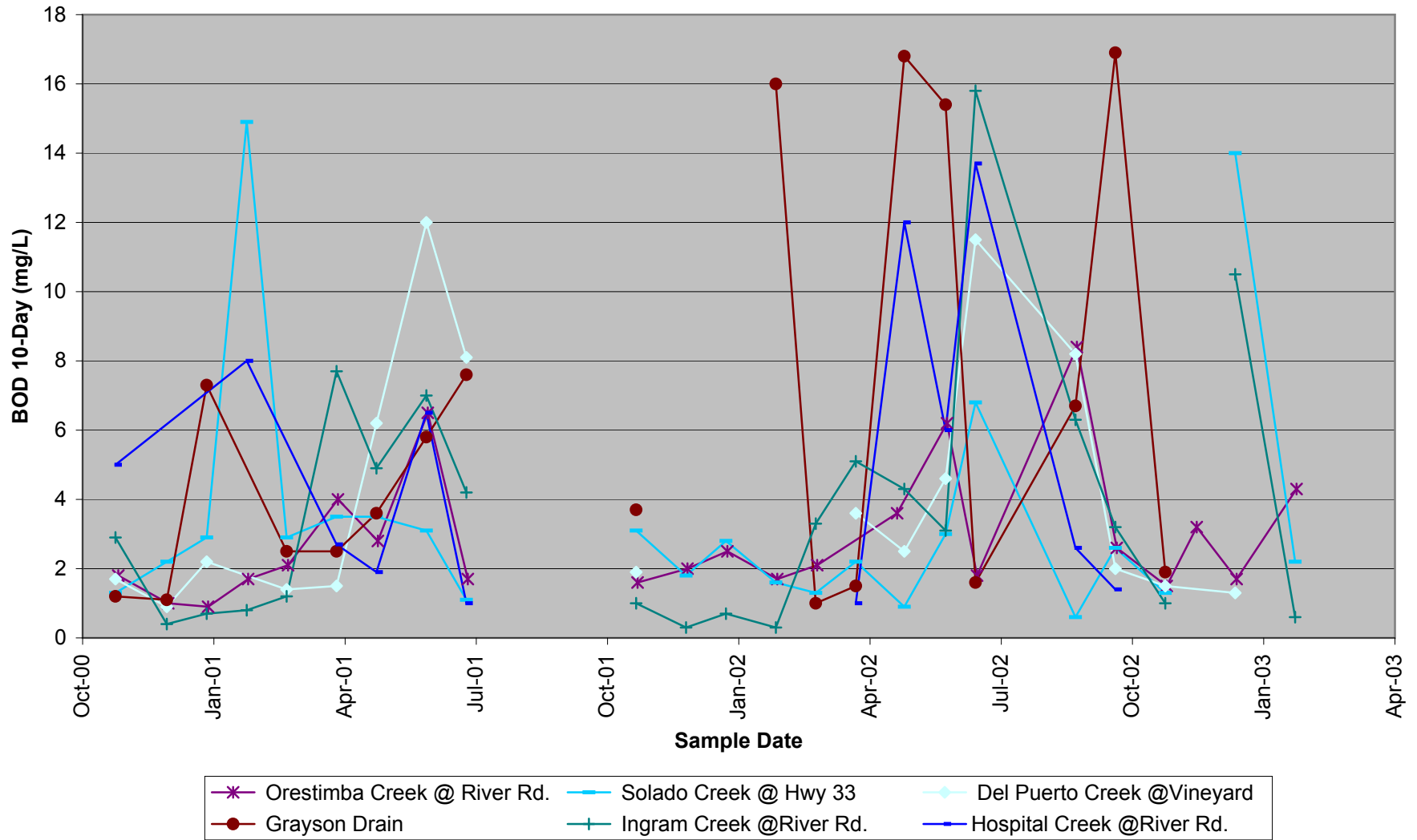
San Joaquin River West Side Basin Biochemical Oxygen Demand 5-day WY01-WY03



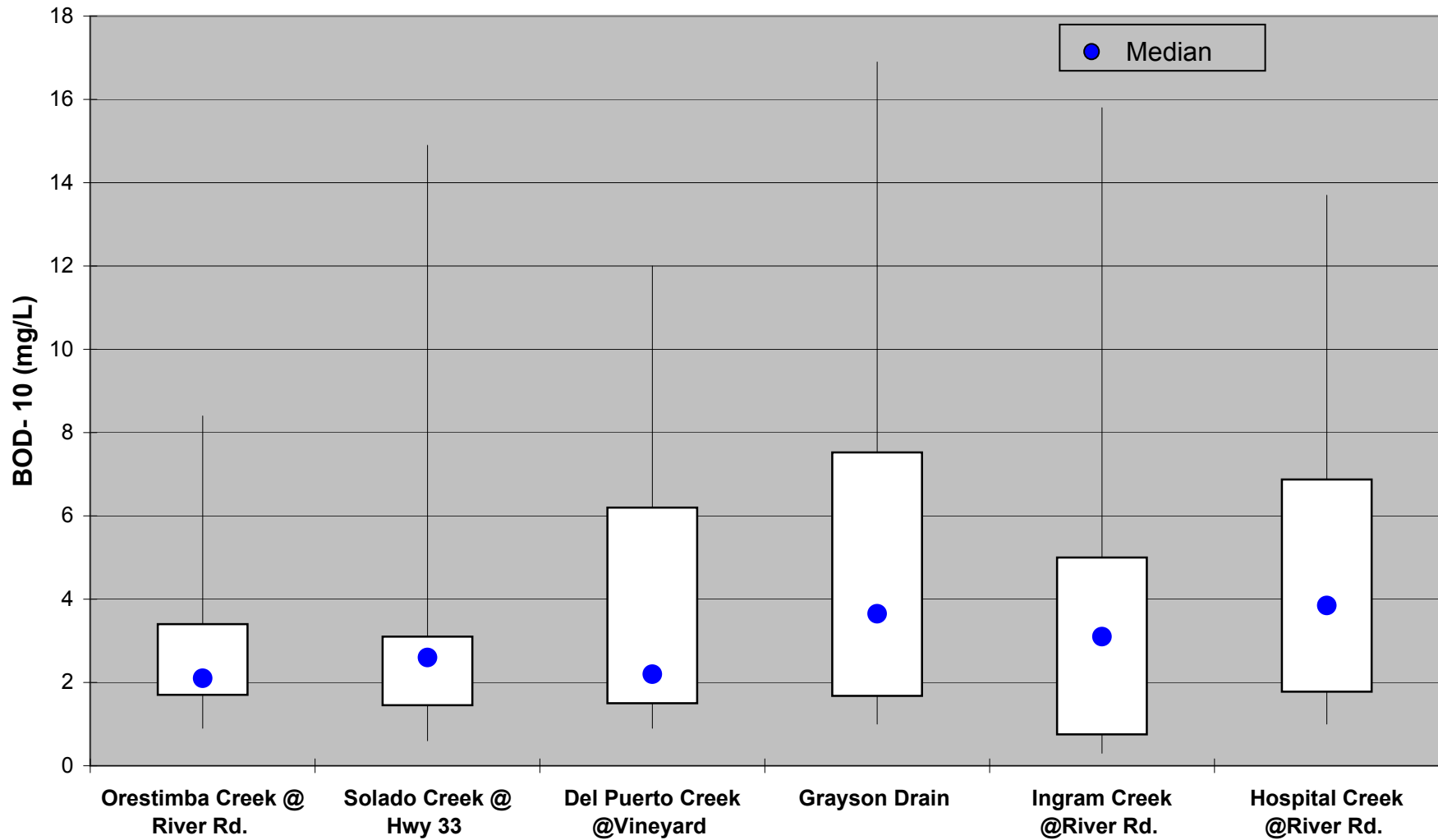
San Joaquin River Westside Basin Biological Oxygen Demand 5-Day WY01-WY03



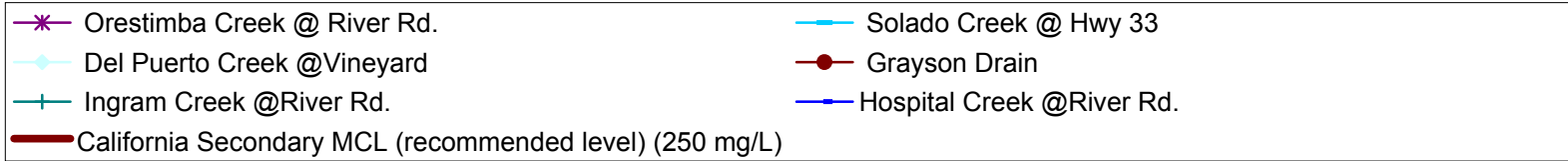
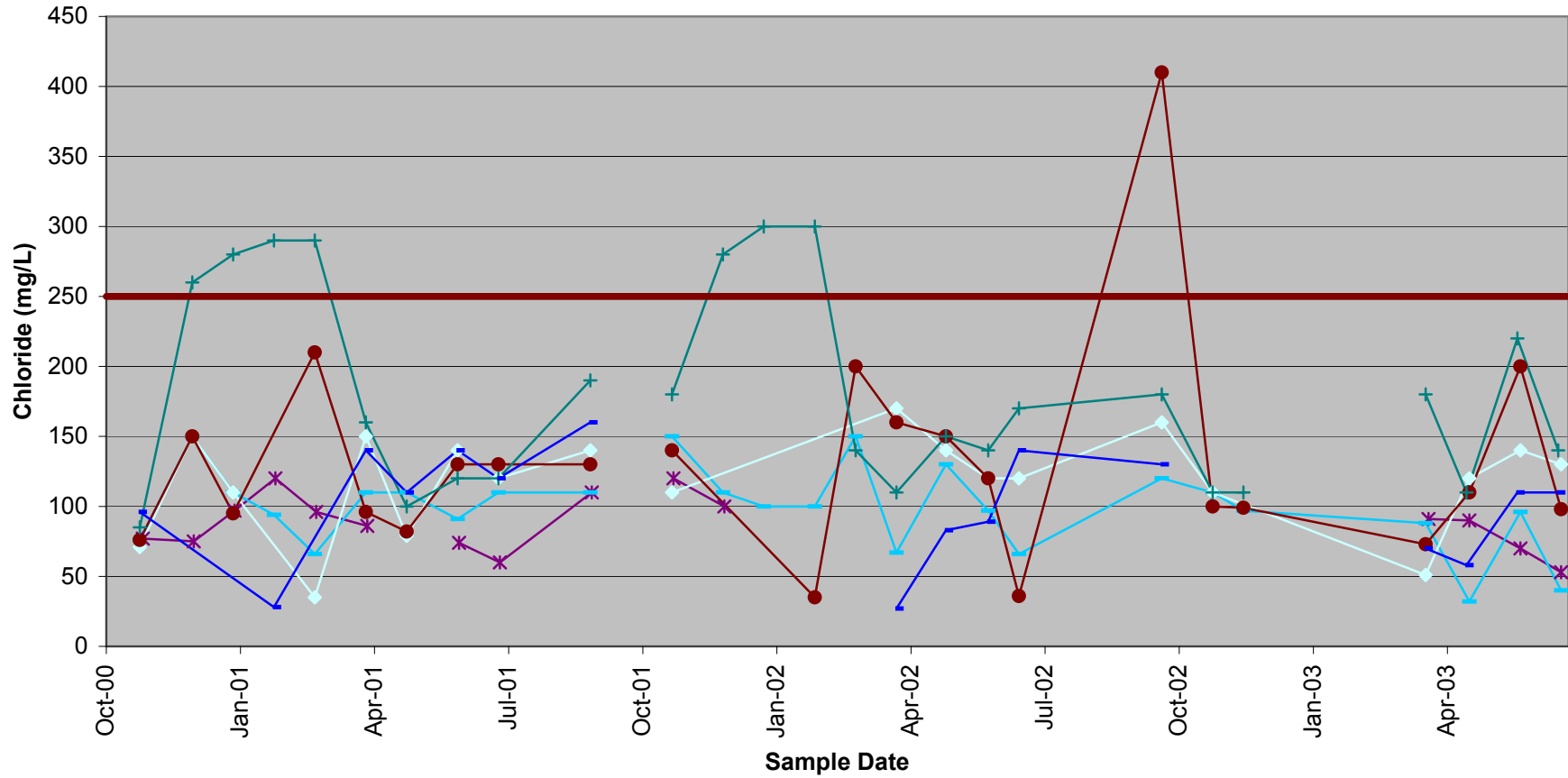
San Joaquin River West Side Basin Biochemical Oxygen Demand 10-Day WY01-WY03



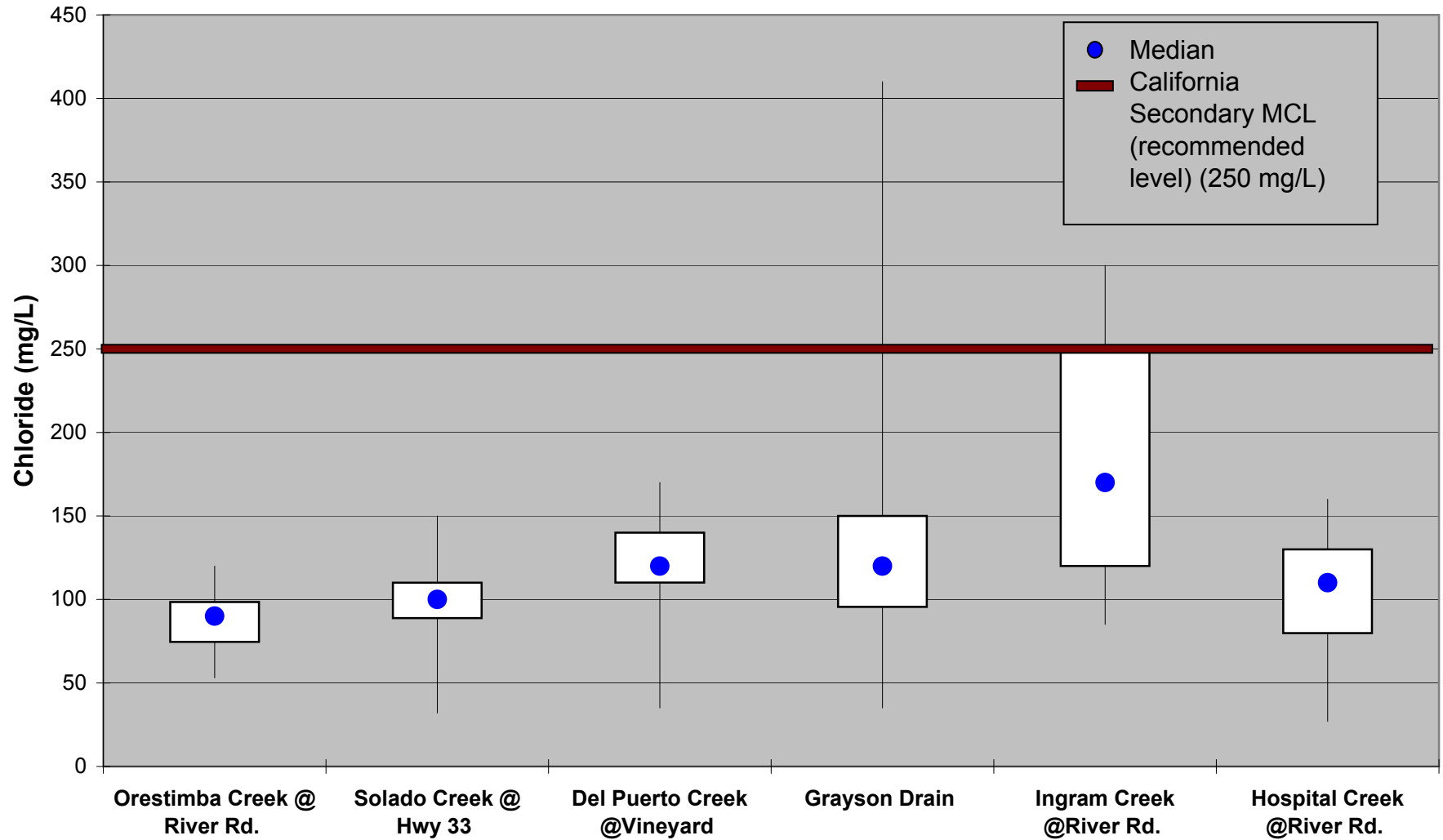
San Joaquin River Westside Basin Biological Oxygen Demand 10-Day WY01-WY03



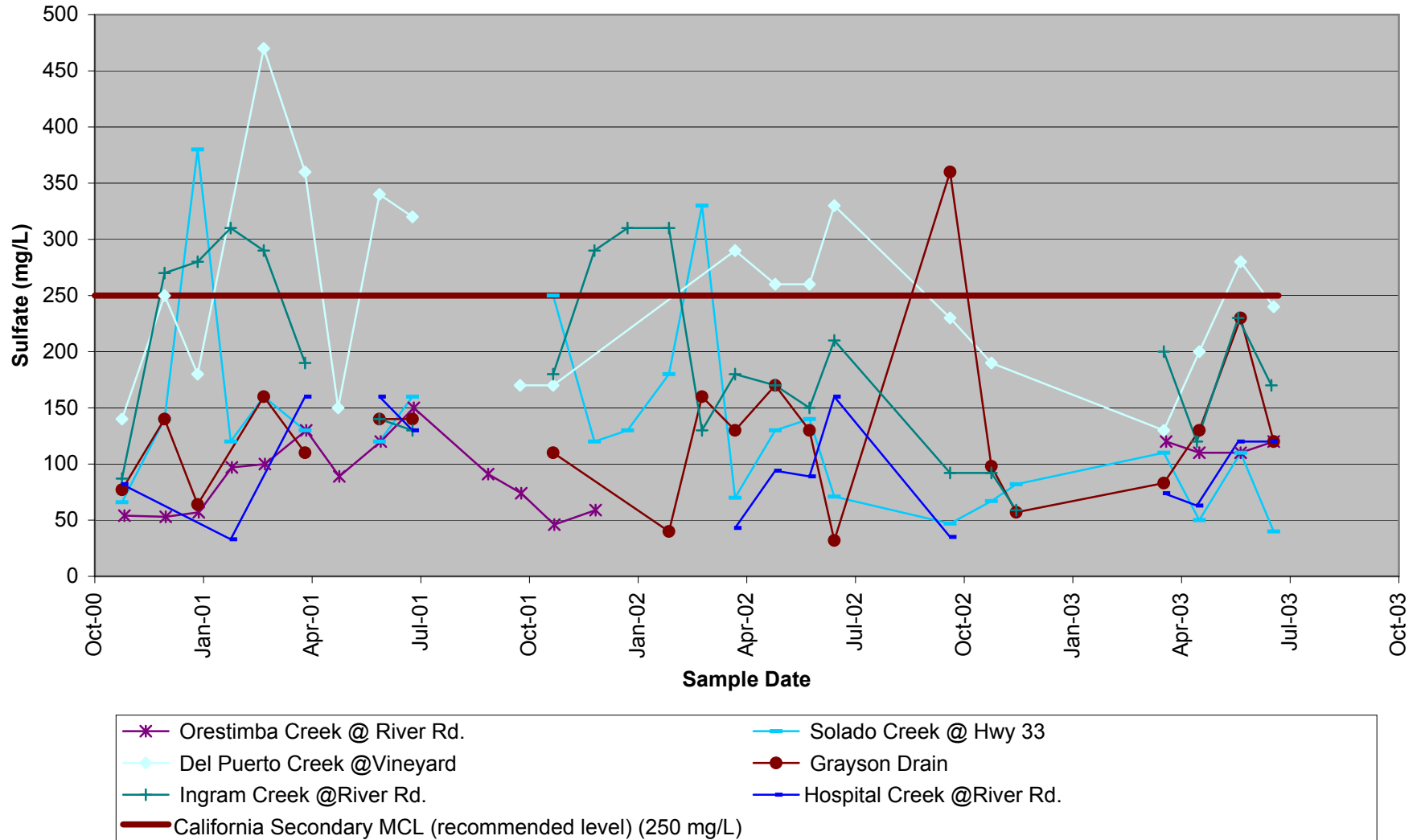
San Joaquin River West Side Basin Chloride WY01-WY03



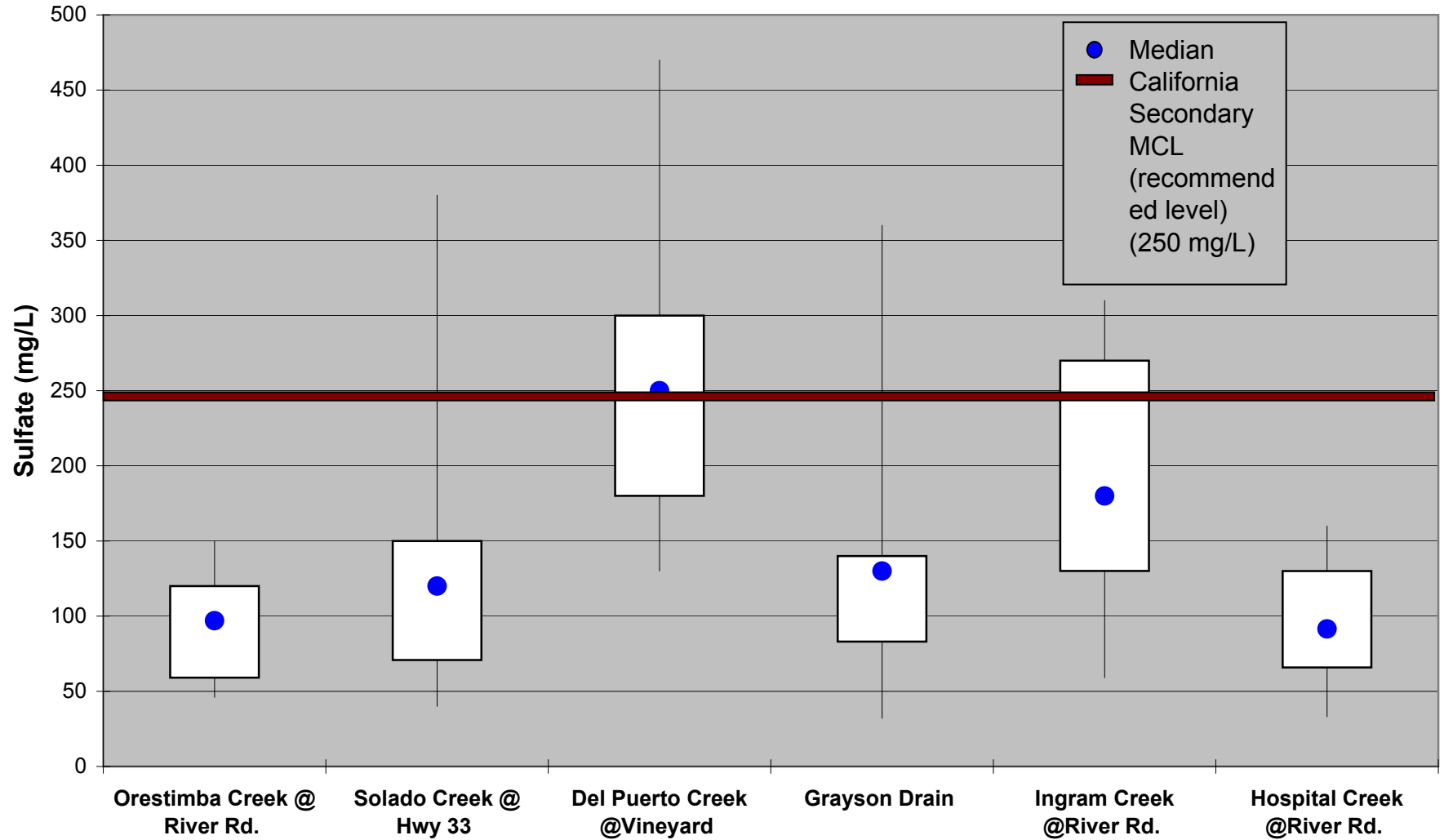
San Joaquin River Westside Basin Chloride WY01-WY03



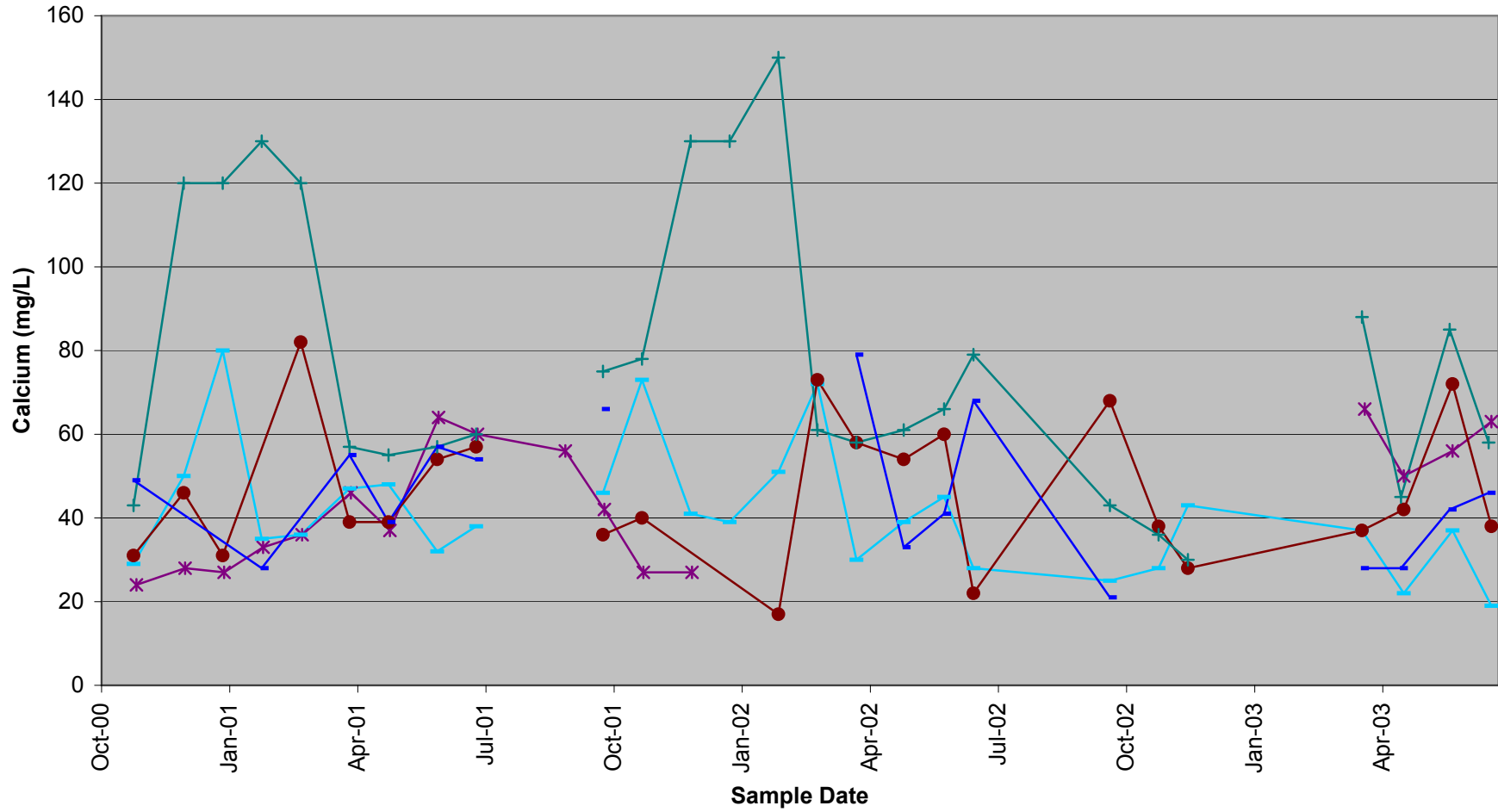
San Joaquin River West Side Basin Sulfate WY01-WY03



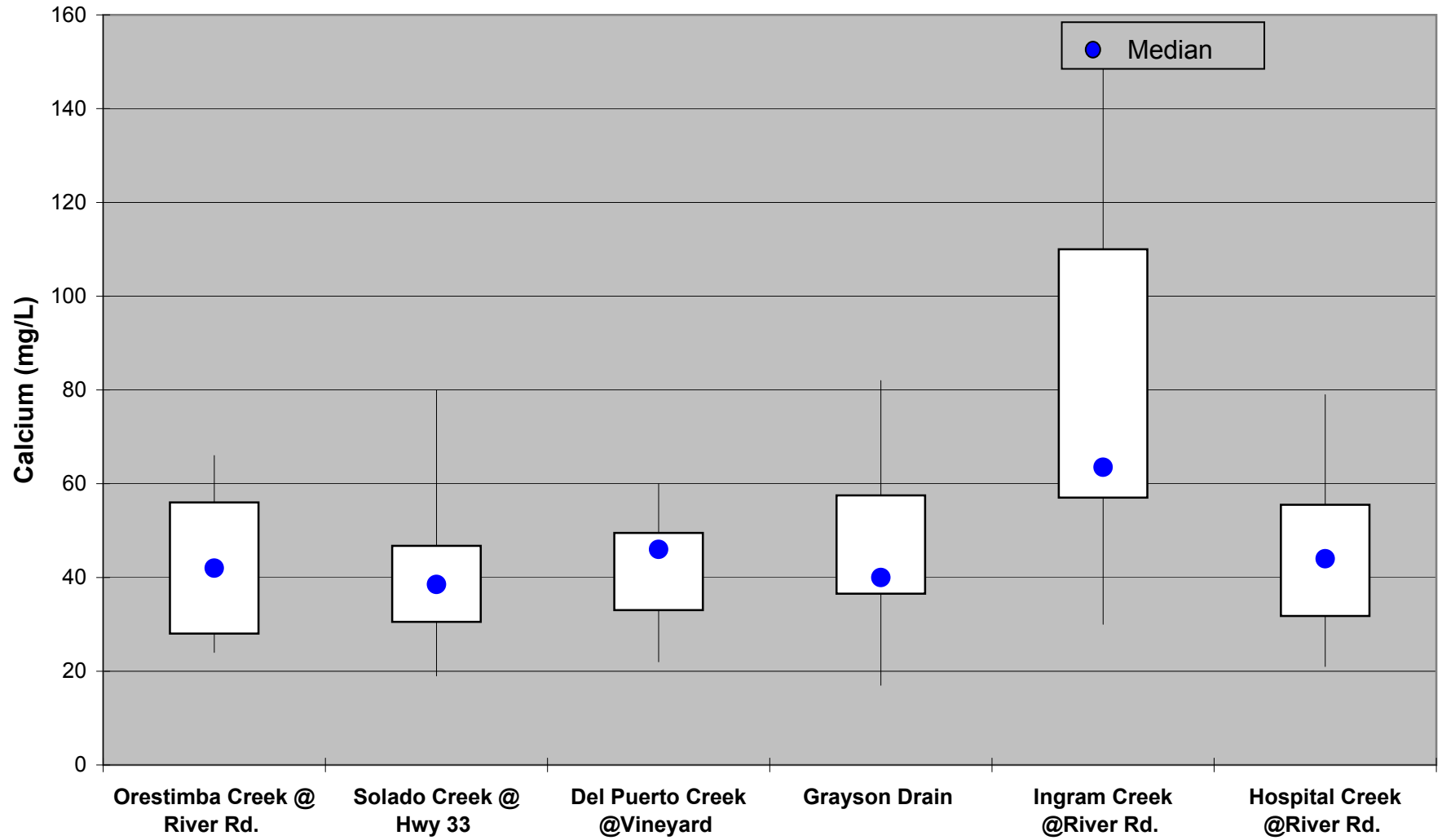
San Joaquin River Westside Basin Sulfate WY01-WY03



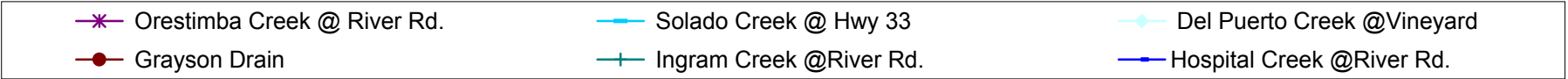
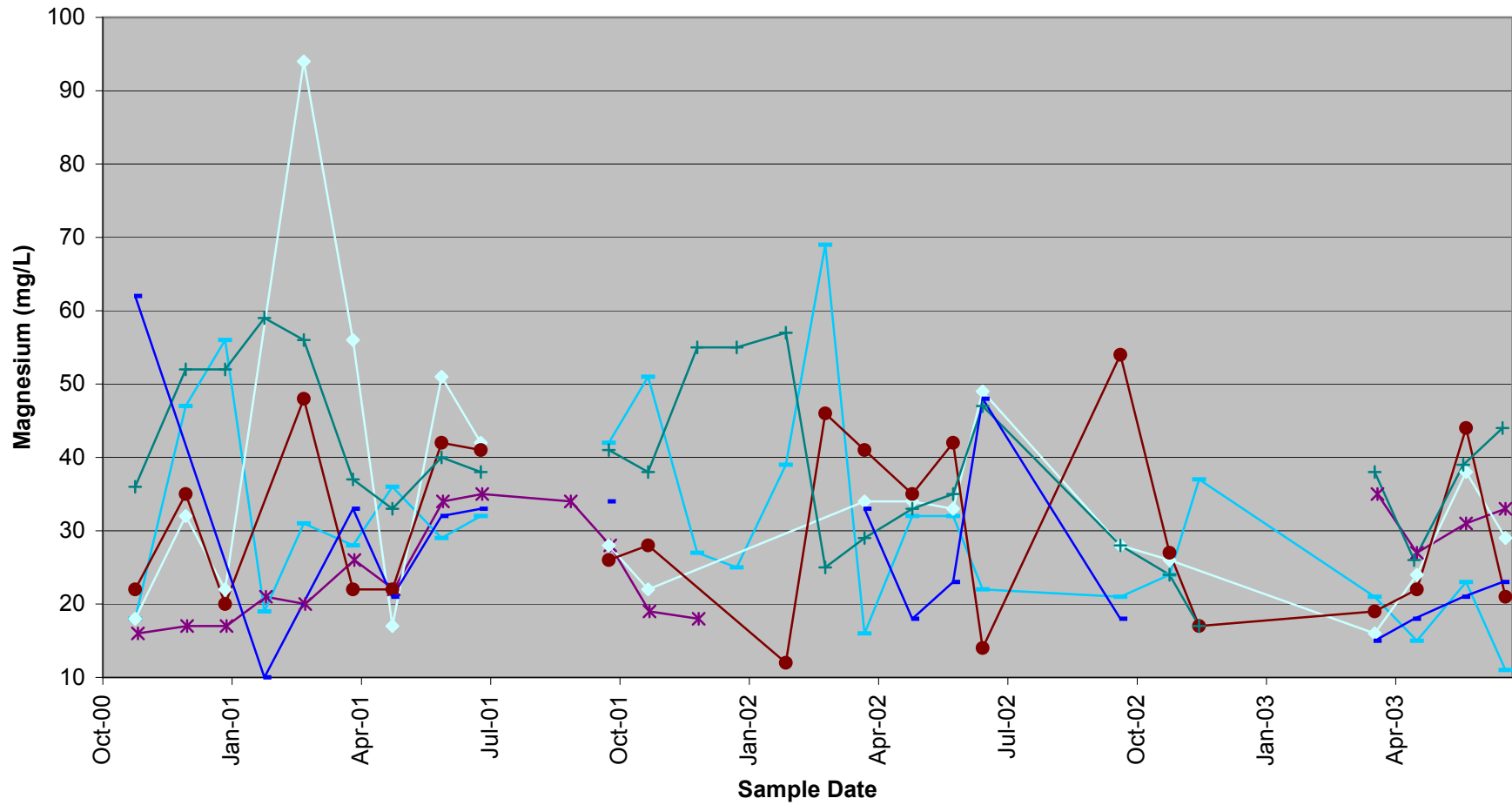
San Joaquin River West Side Basin Calcium WY01-WY03



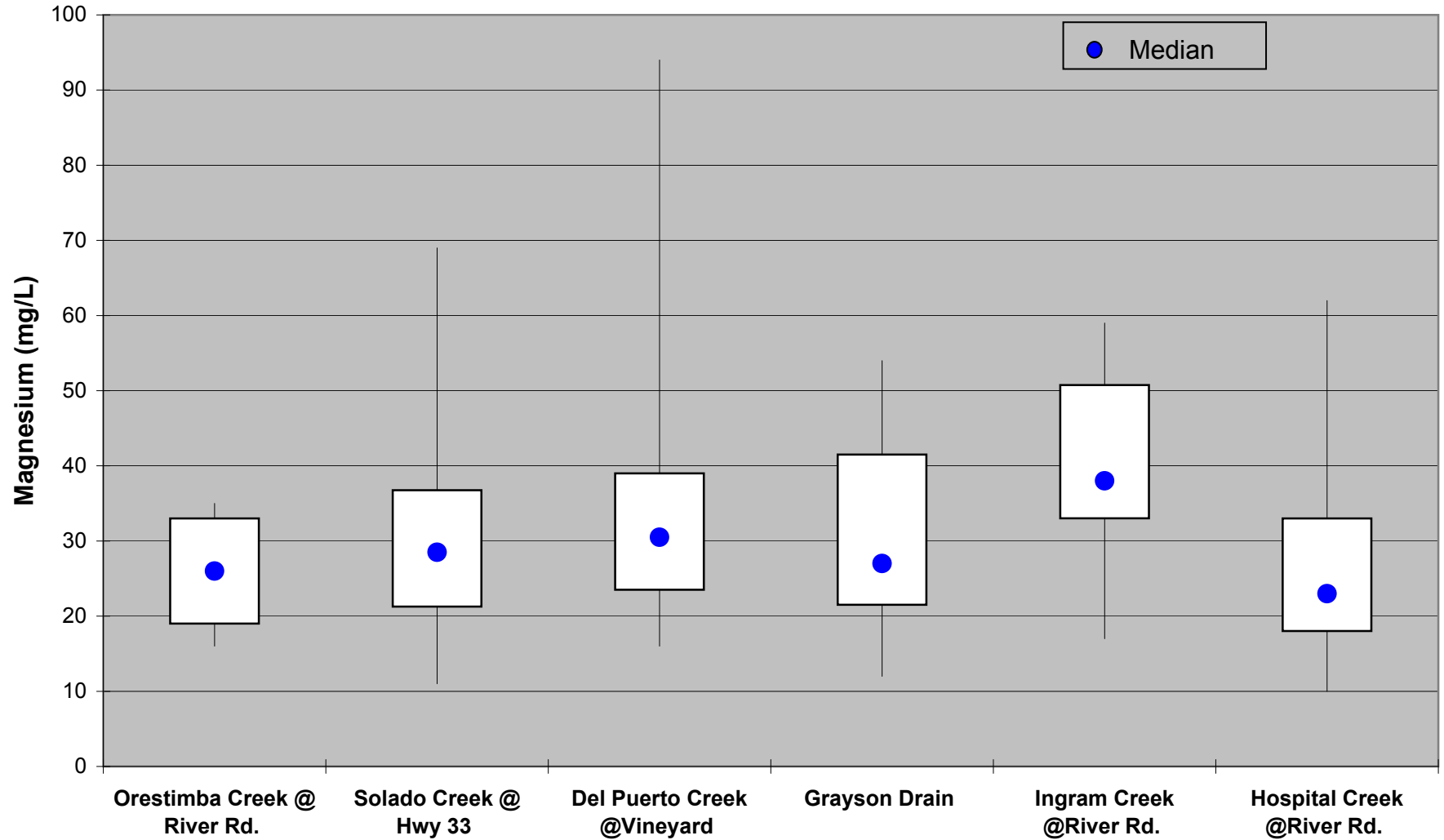
San Joaquin River Westside Basin Calcium WY01-WY03



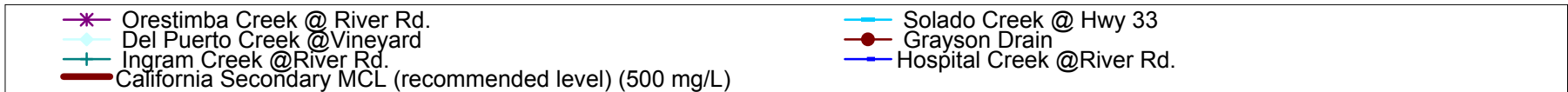
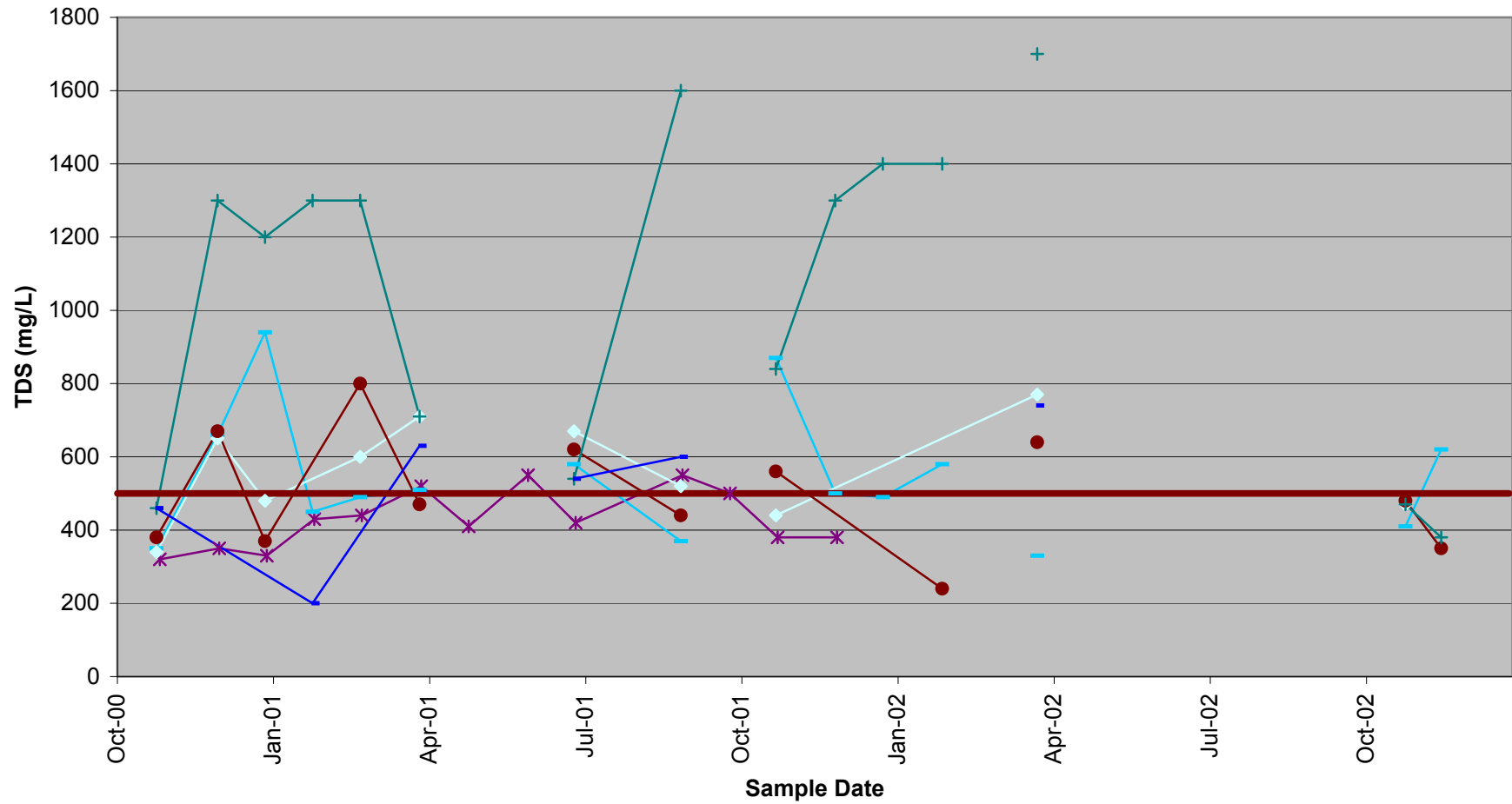
San Joaquin River West Side Basin Magnesium WY01- WY03



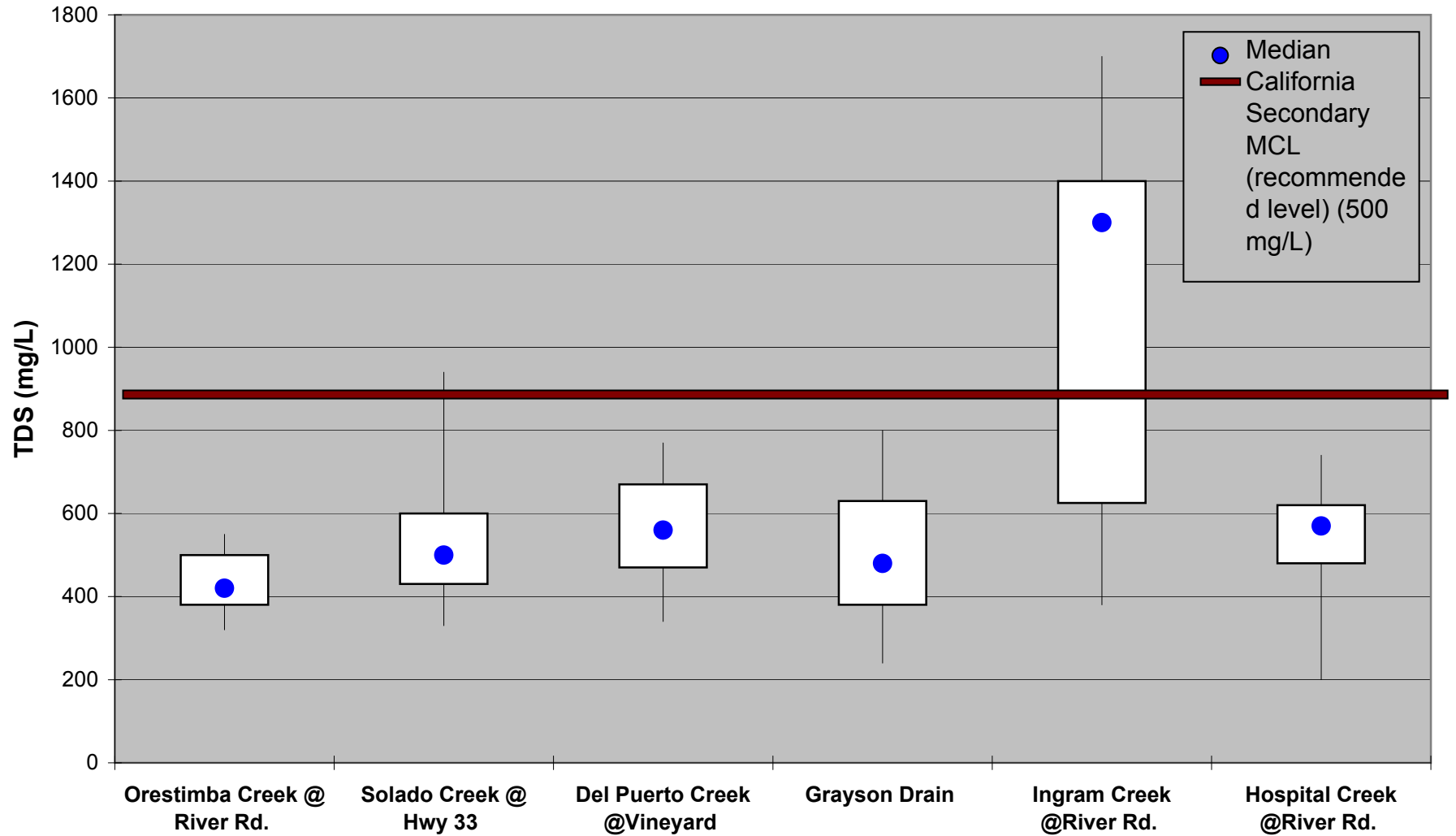
San Joaquin River Westside Basin Magnesium WY01-WY03



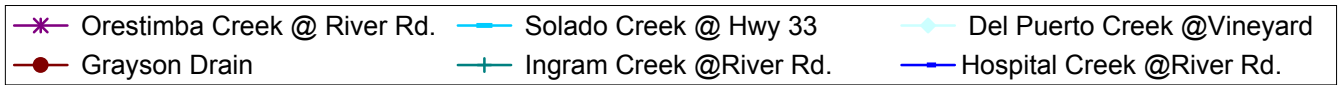
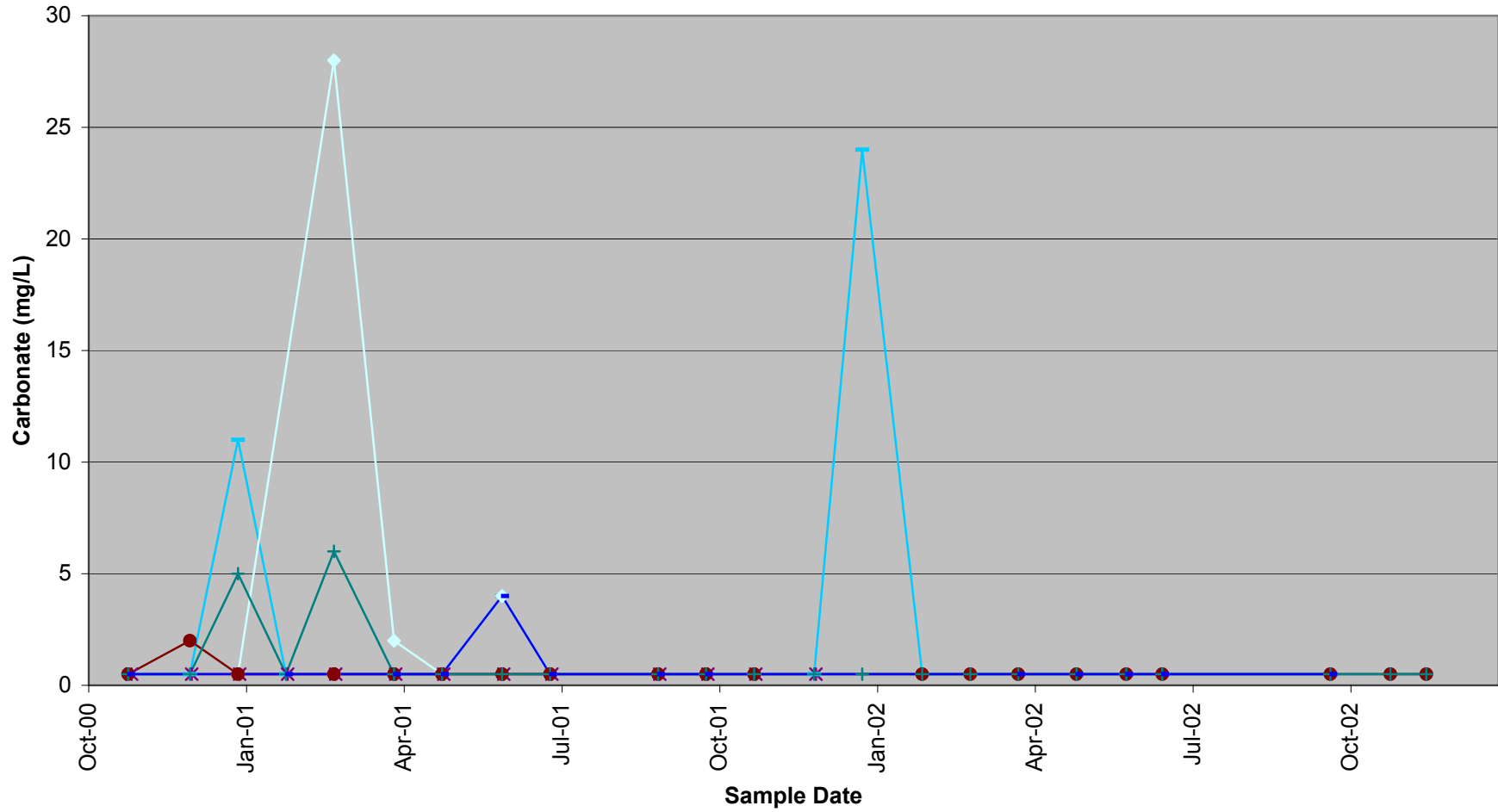
San Joaquin River West Side Basin Total Dissolved Solids WY01-W03



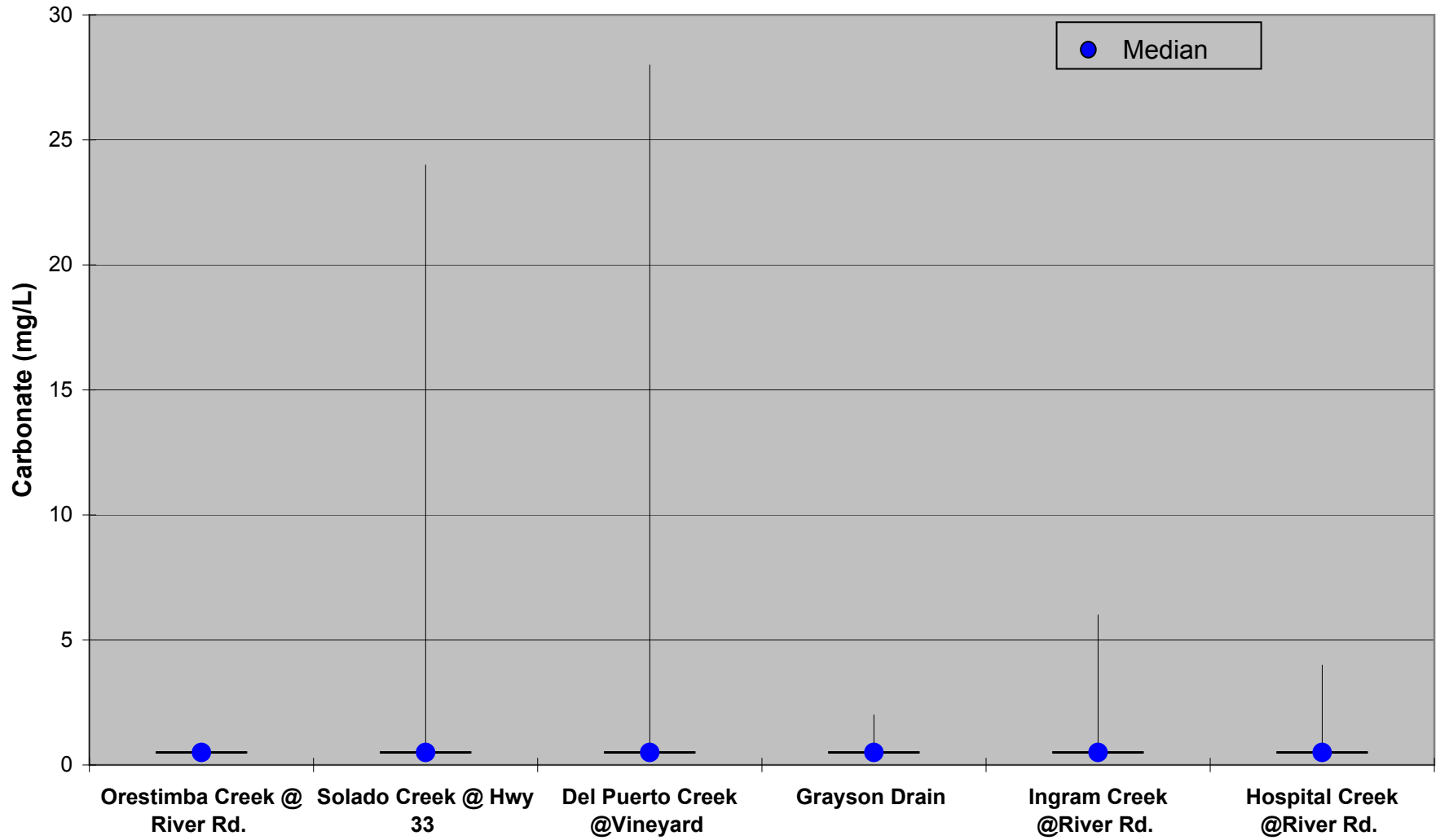
San Joaquin River Westside Basin Total Dissolved Solids WY01-WY03



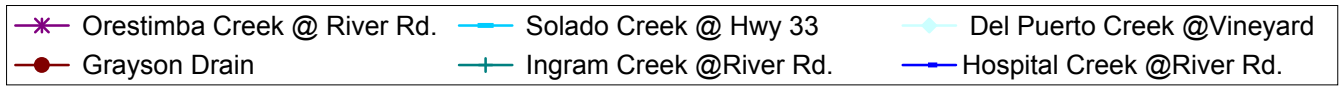
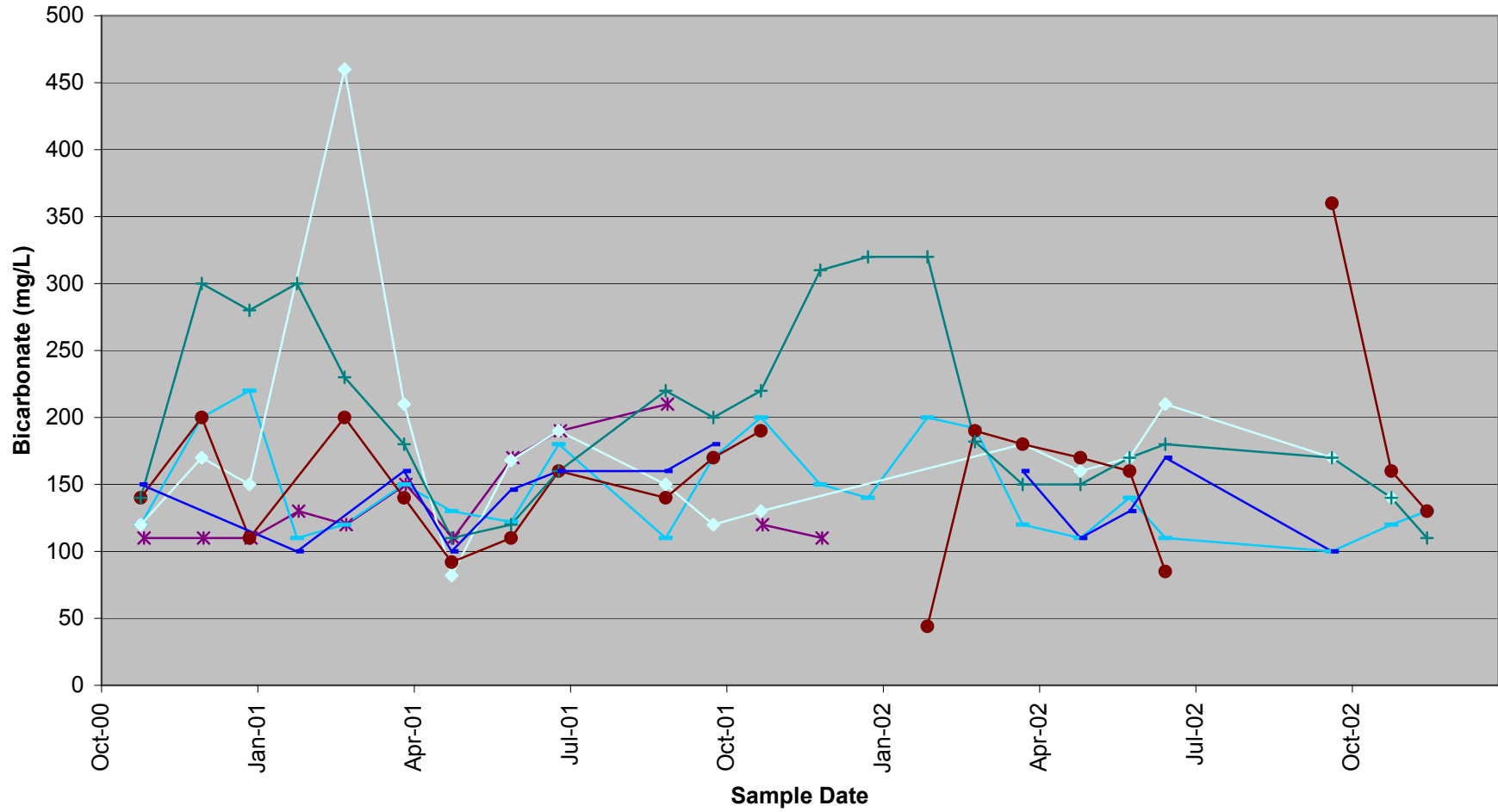
San Joaquin River West Side Basin Carbonate WY01- WY03



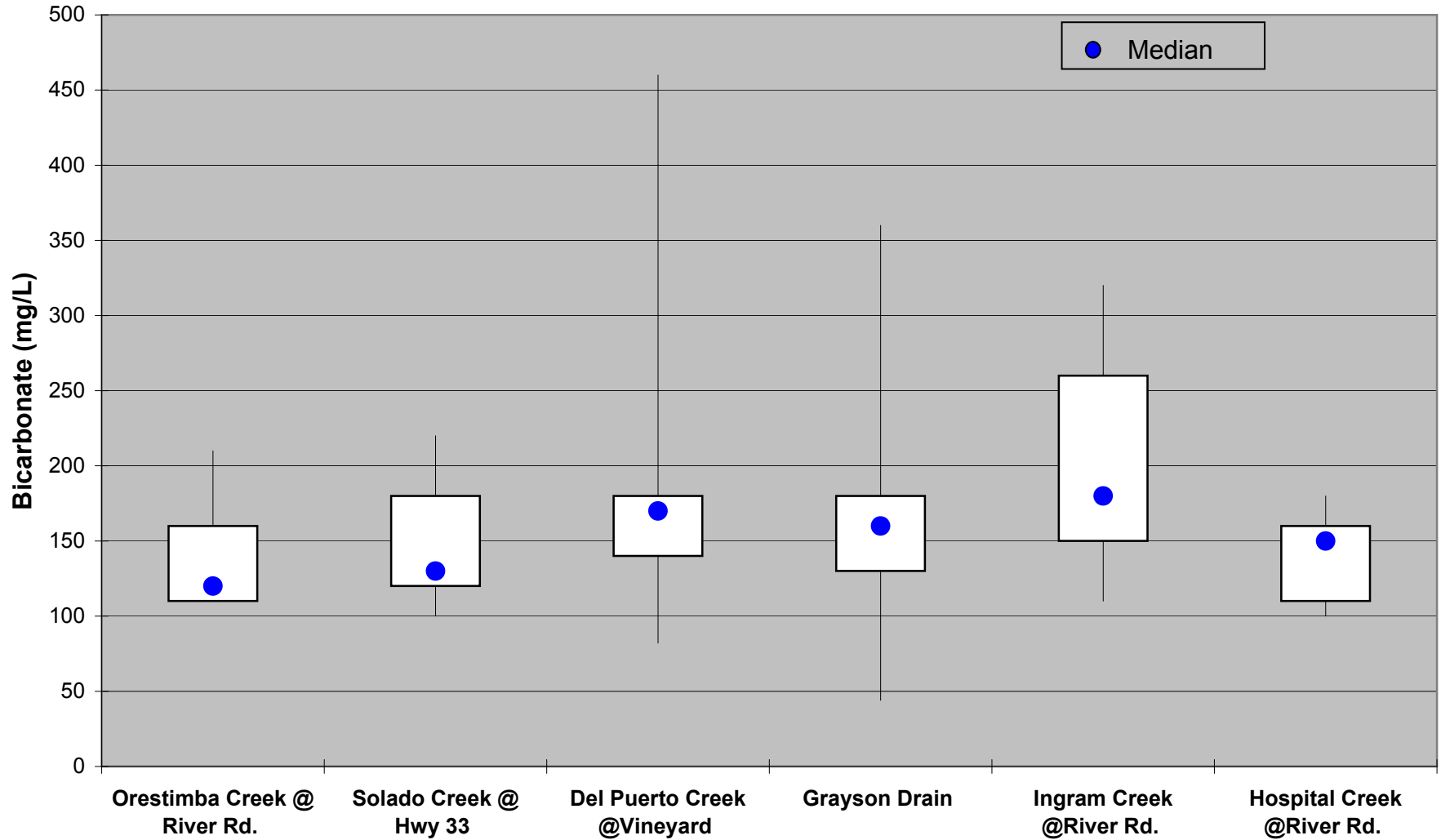
San Joaquin River Westside Basin Carbonate WY01-WY03



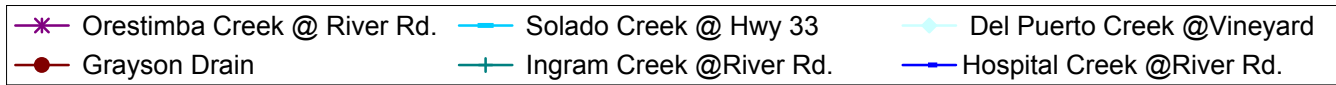
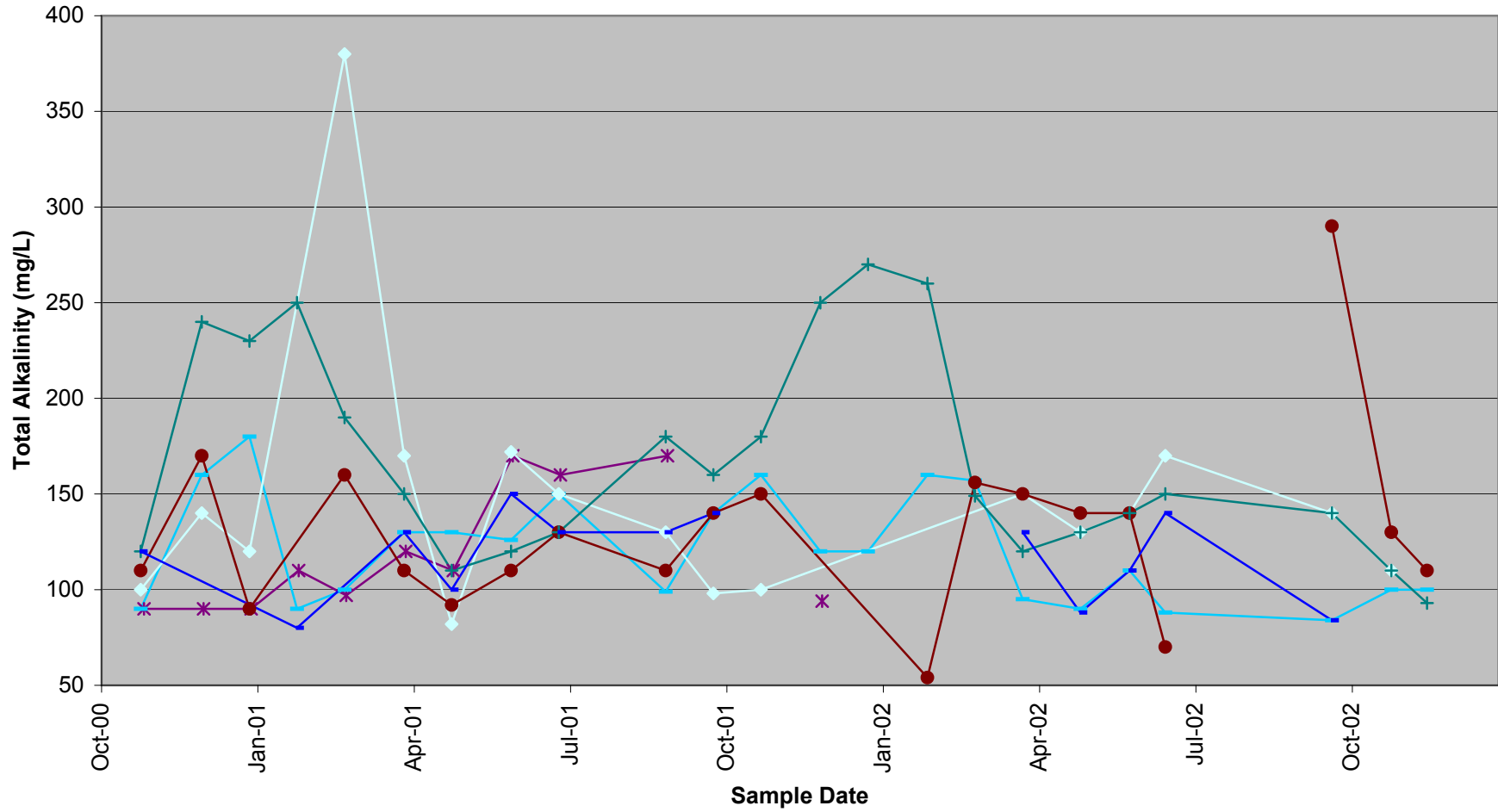
San Joaquin River West Side Basin Bicarbonate WY01- WY03



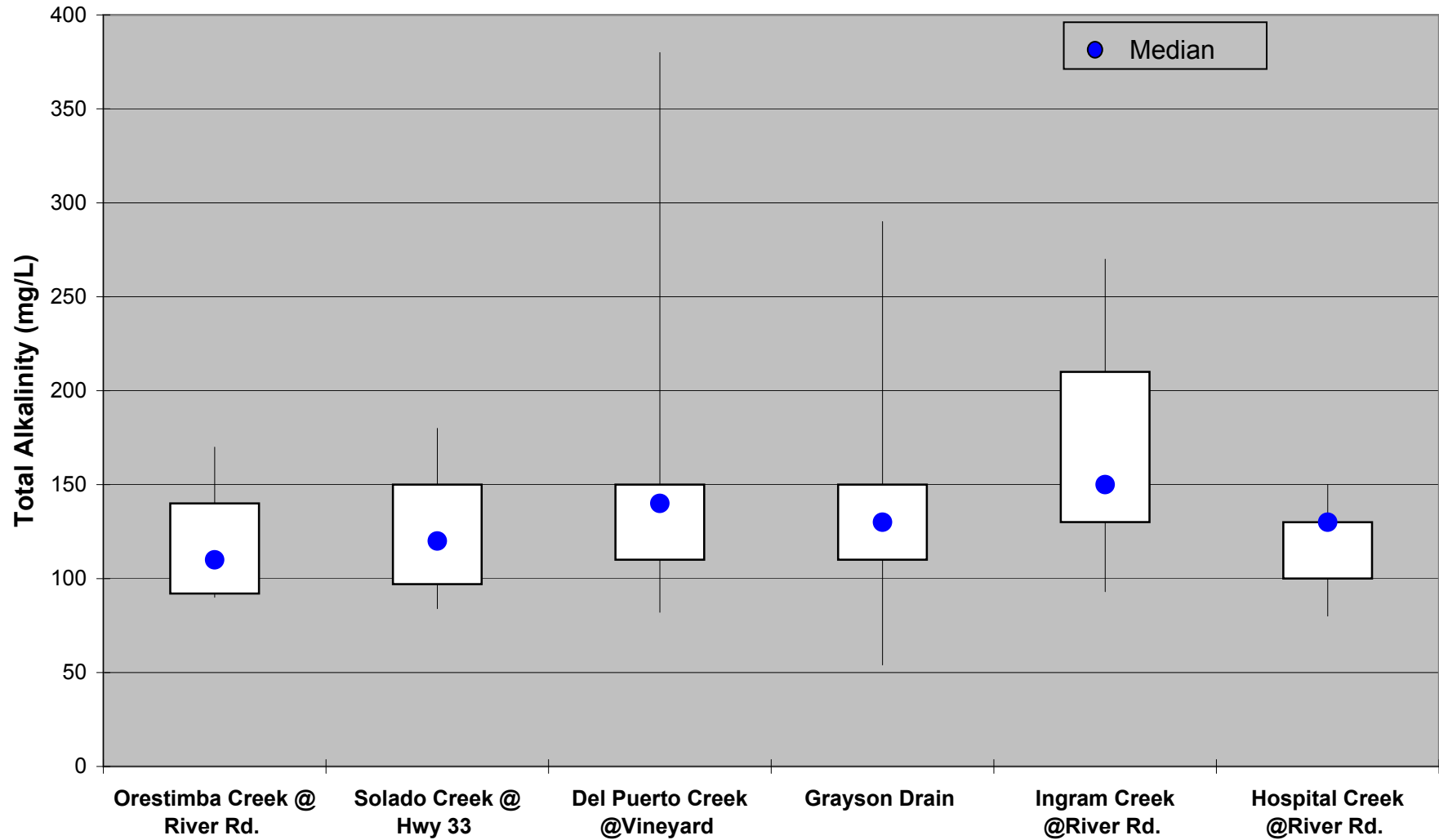
San Joaquin River Westside Basin Bicarbonate WY01-WY03



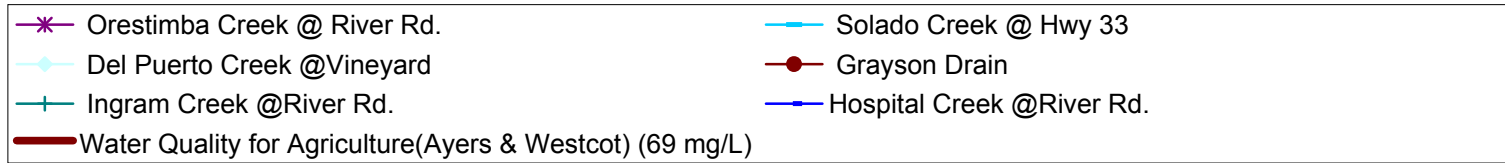
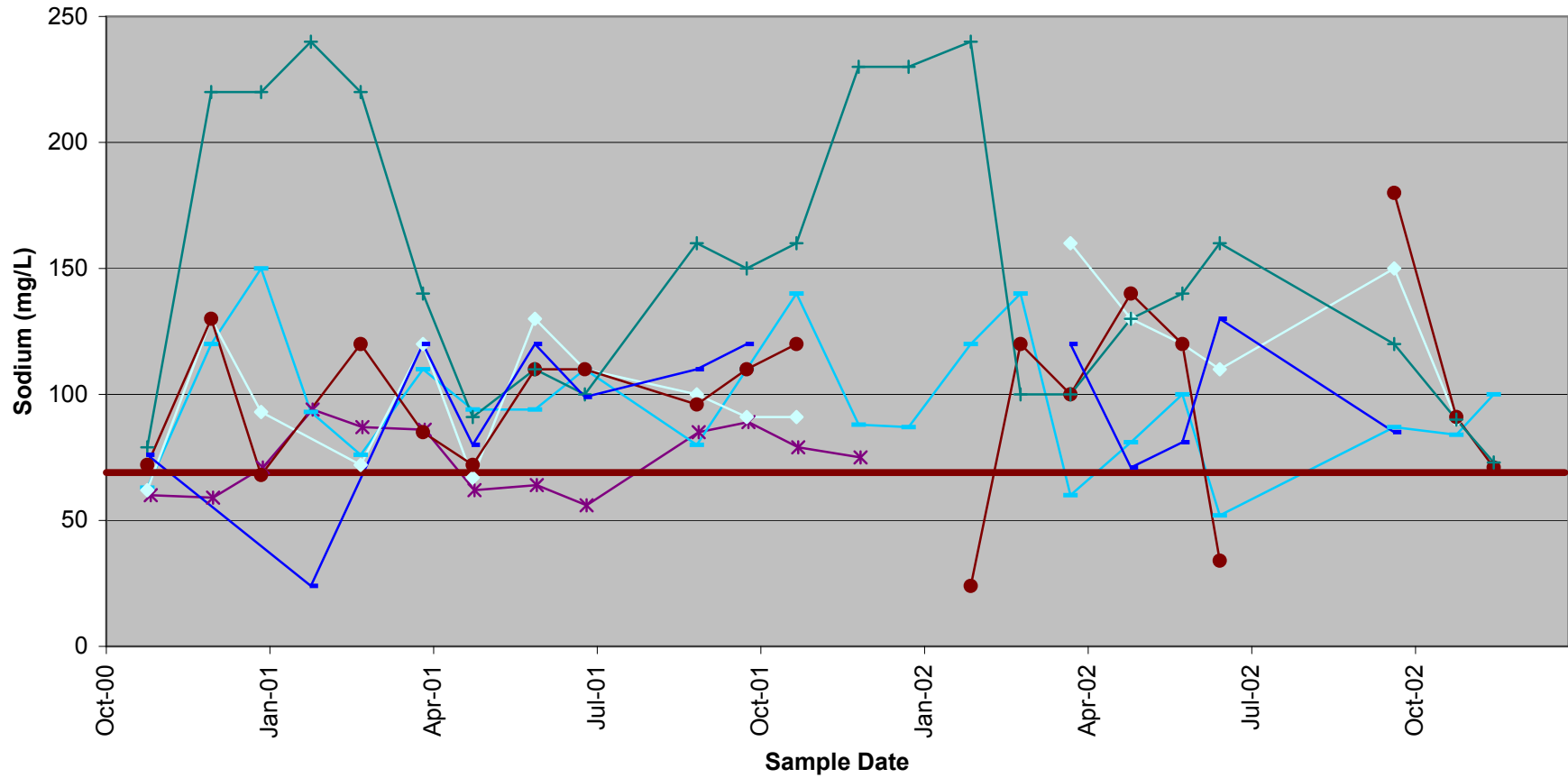
San Joaquin River West Side Basin Total Alkalinity WY01-WY03



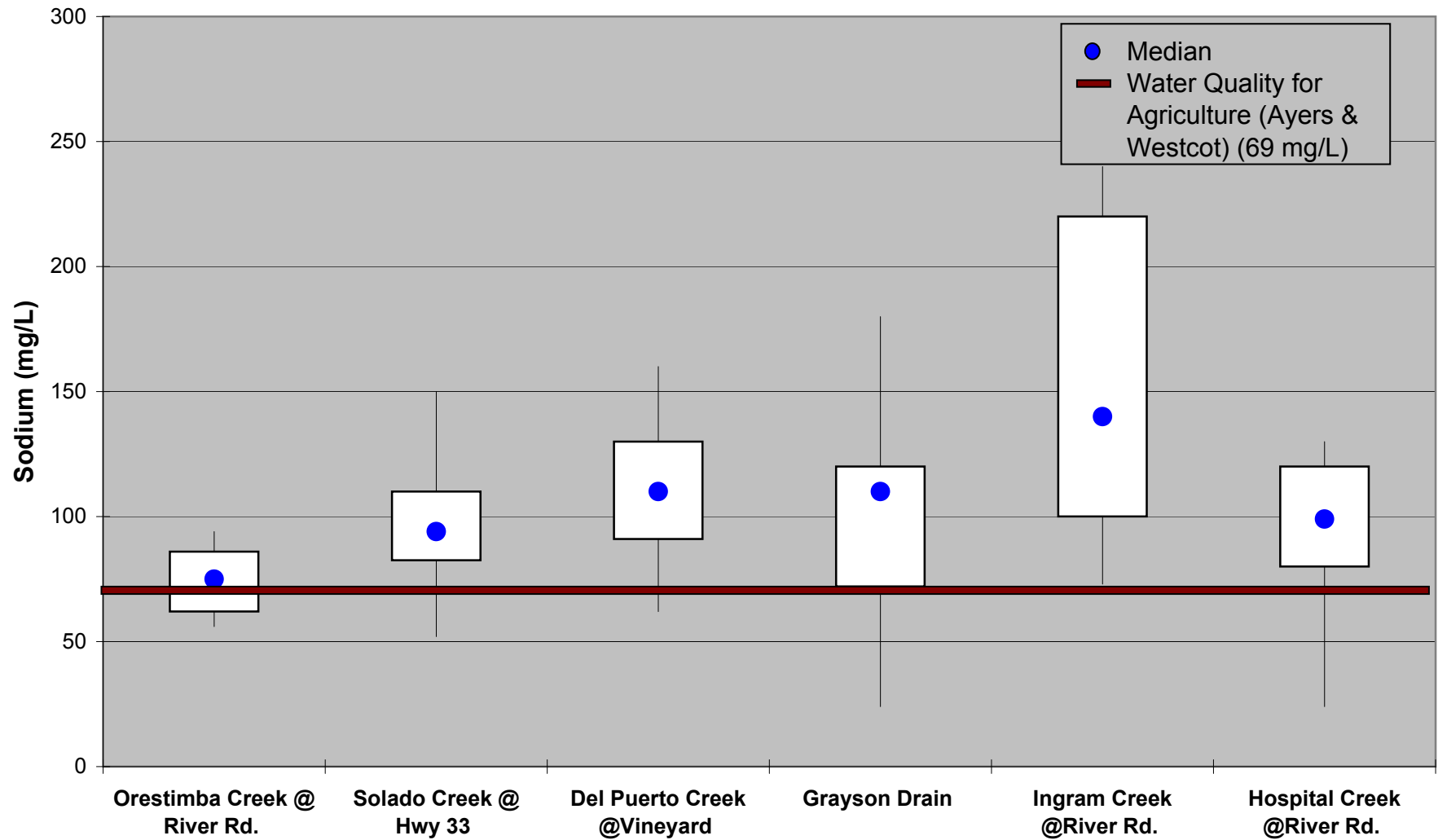
San Joaquin River Westside Basin Total Alkalinity WY01-WY03



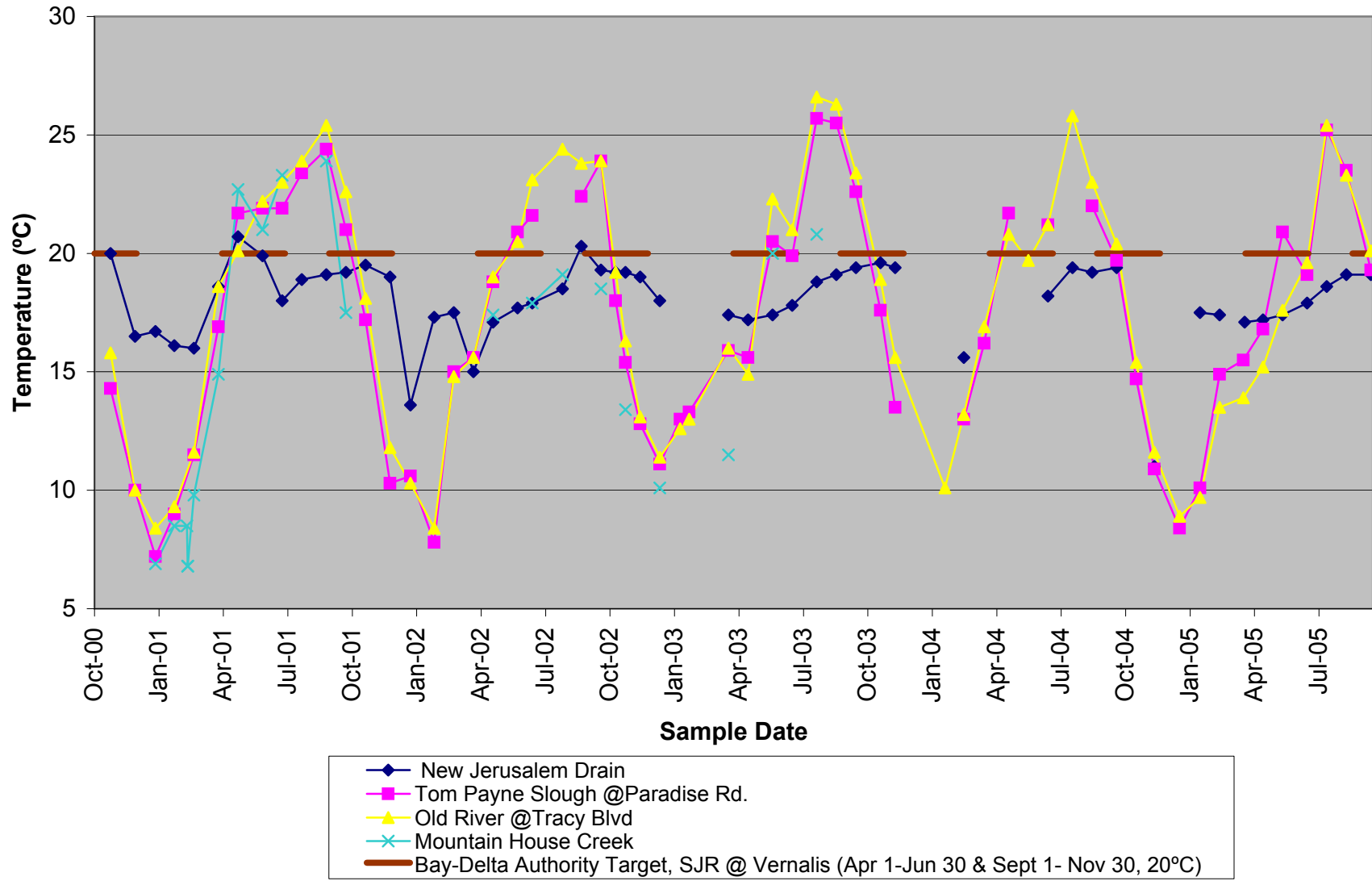
San Joaquin River West Side Basin Sodium WY01-WY03



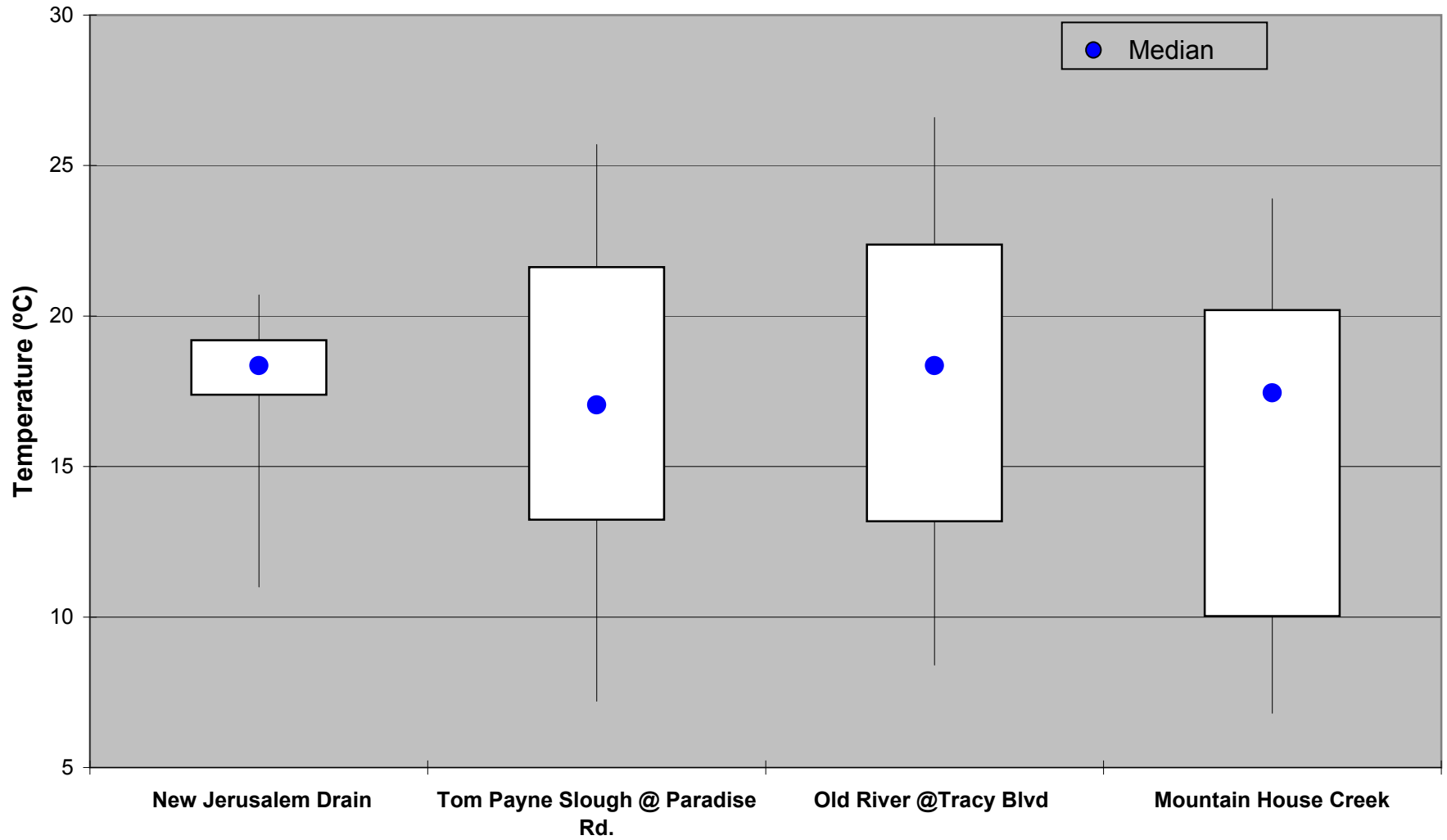
San Joaquin River Westside Basin Sodium WY01-WY03



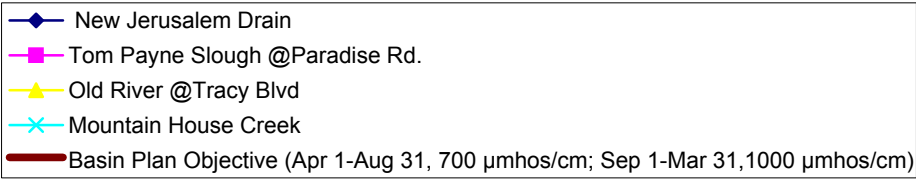
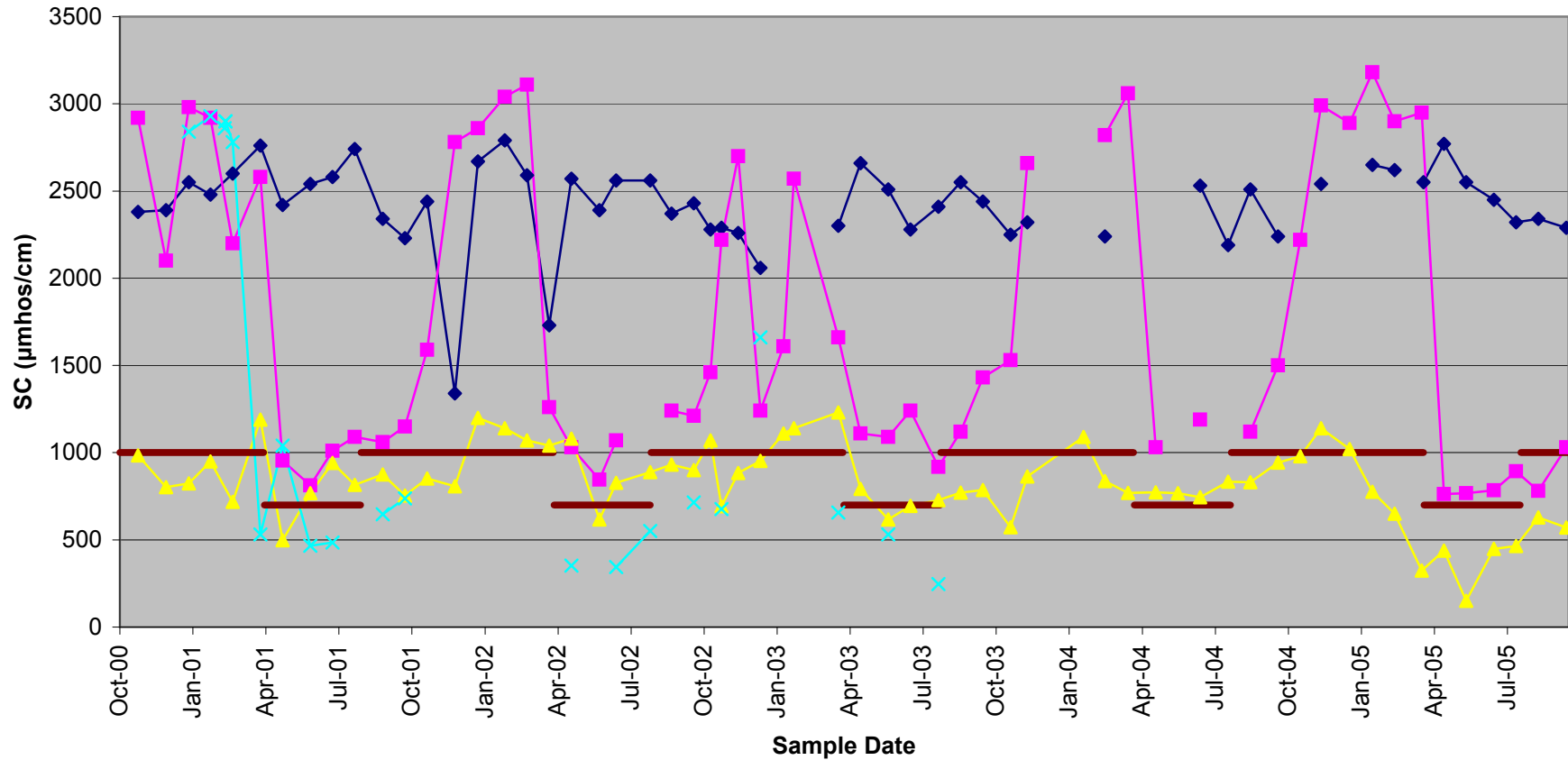
San Joaquin River Delta Basin Temperature WY01-WY05



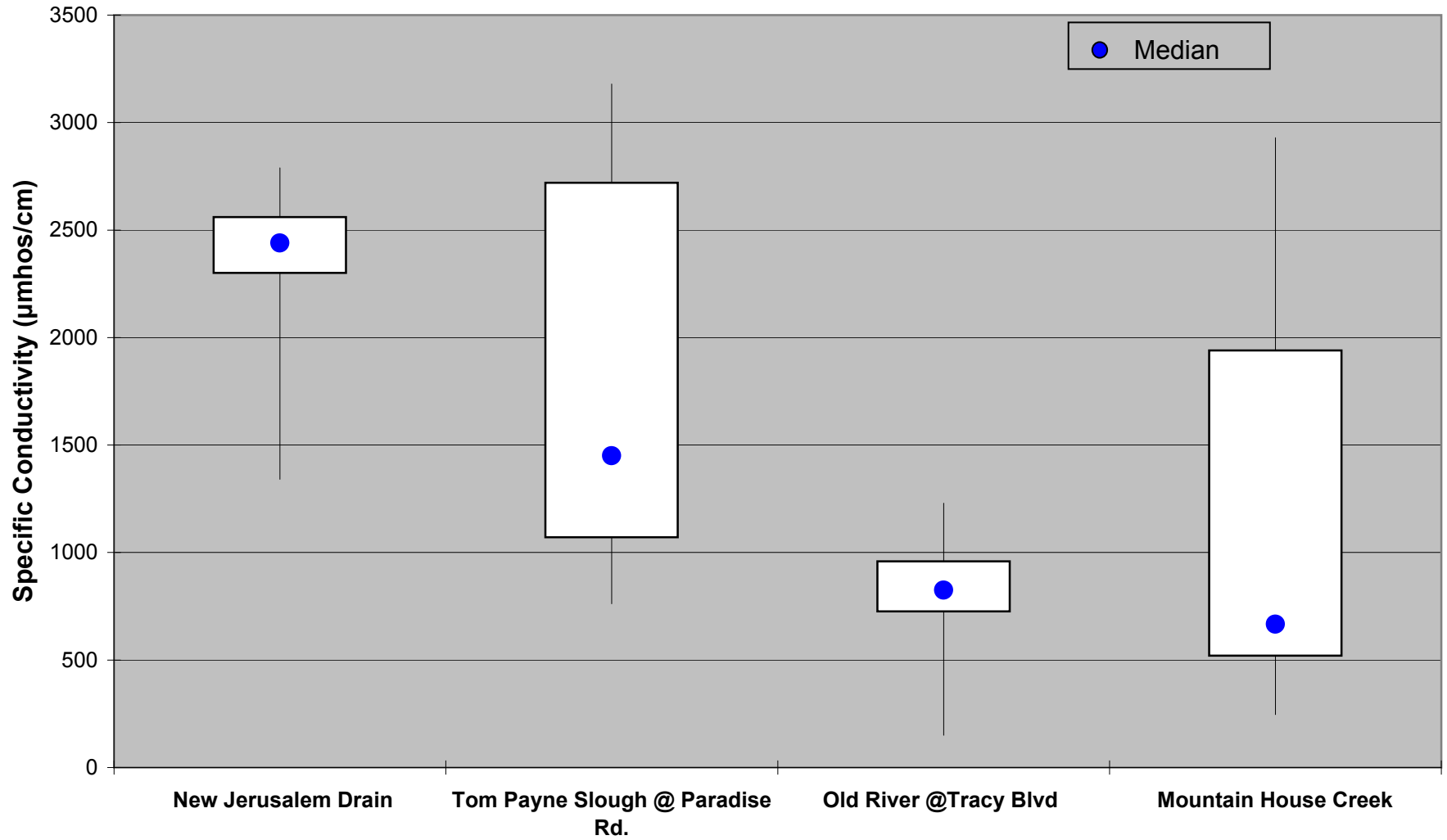
San Joaquin River South Delta Basin Temperature WY01- WY05



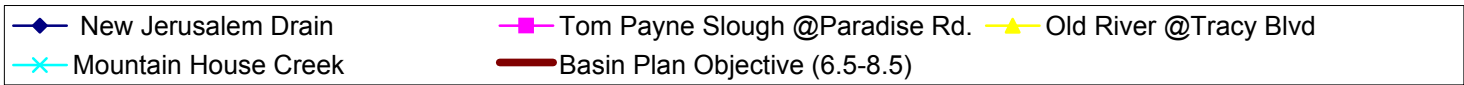
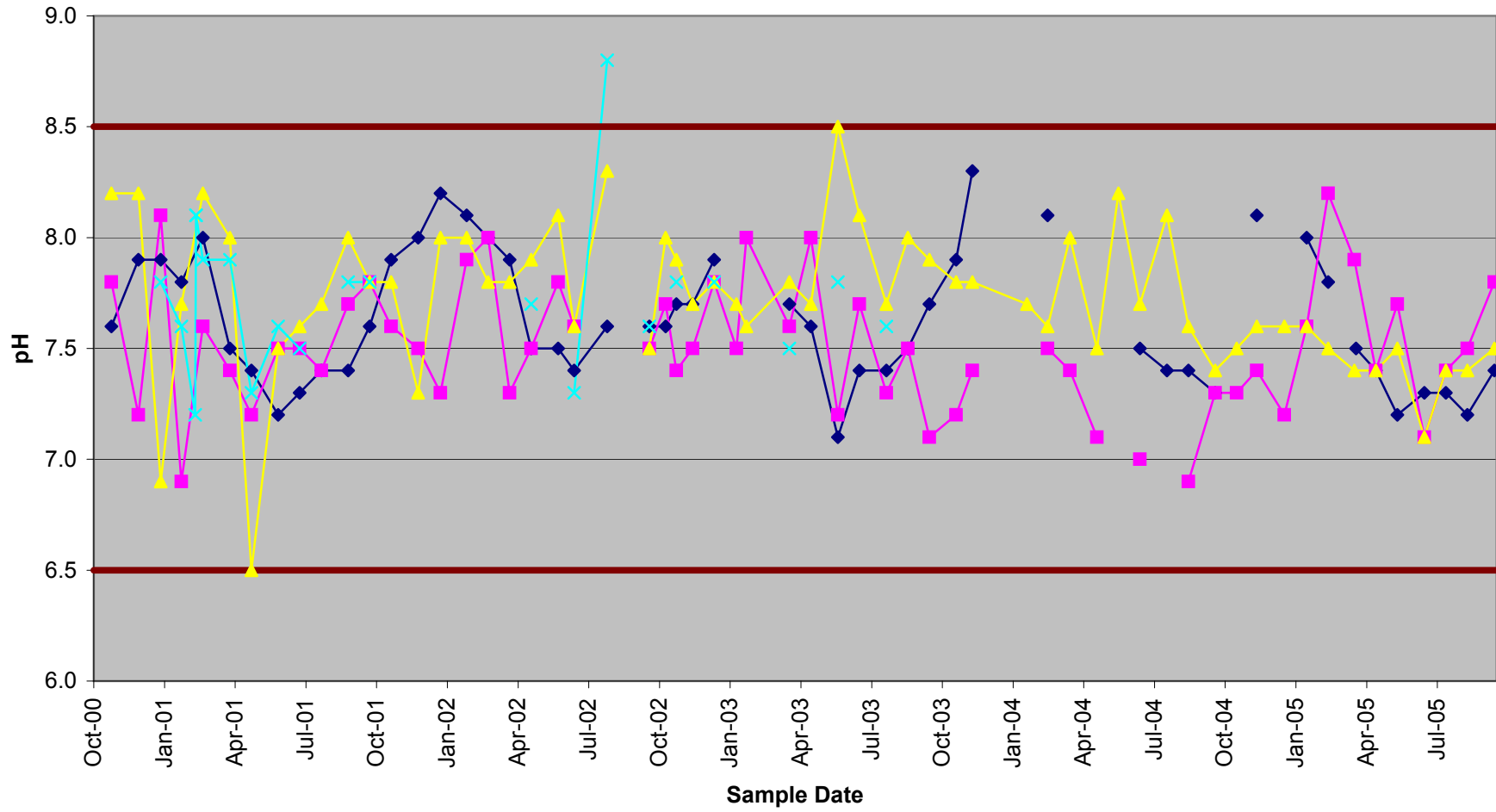
San Joaquin River Delta Basin Specific Conductivity WY01-WY05



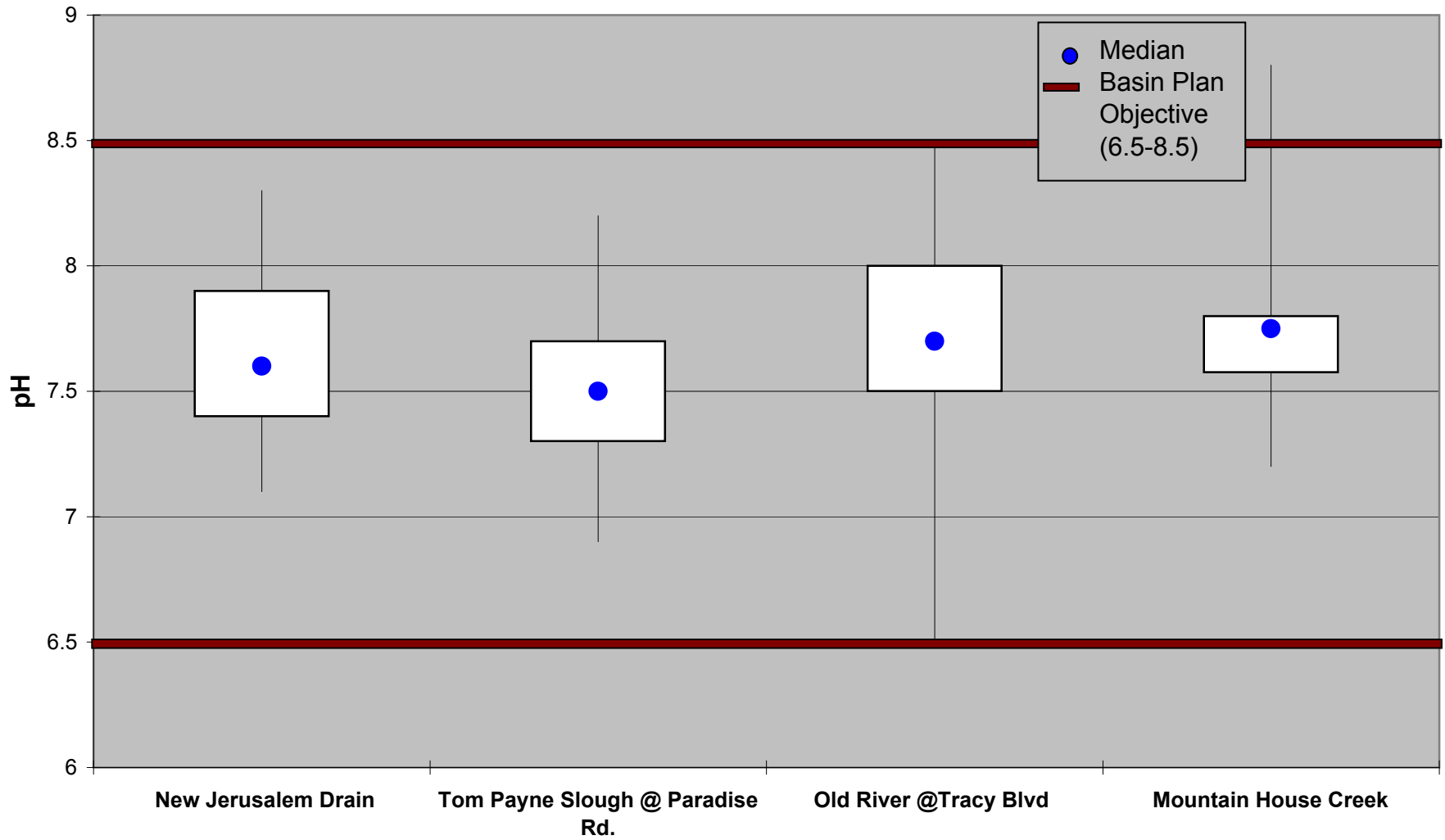
San Joaquin River South Delta Basin Specific Conductivity WY01- WY05



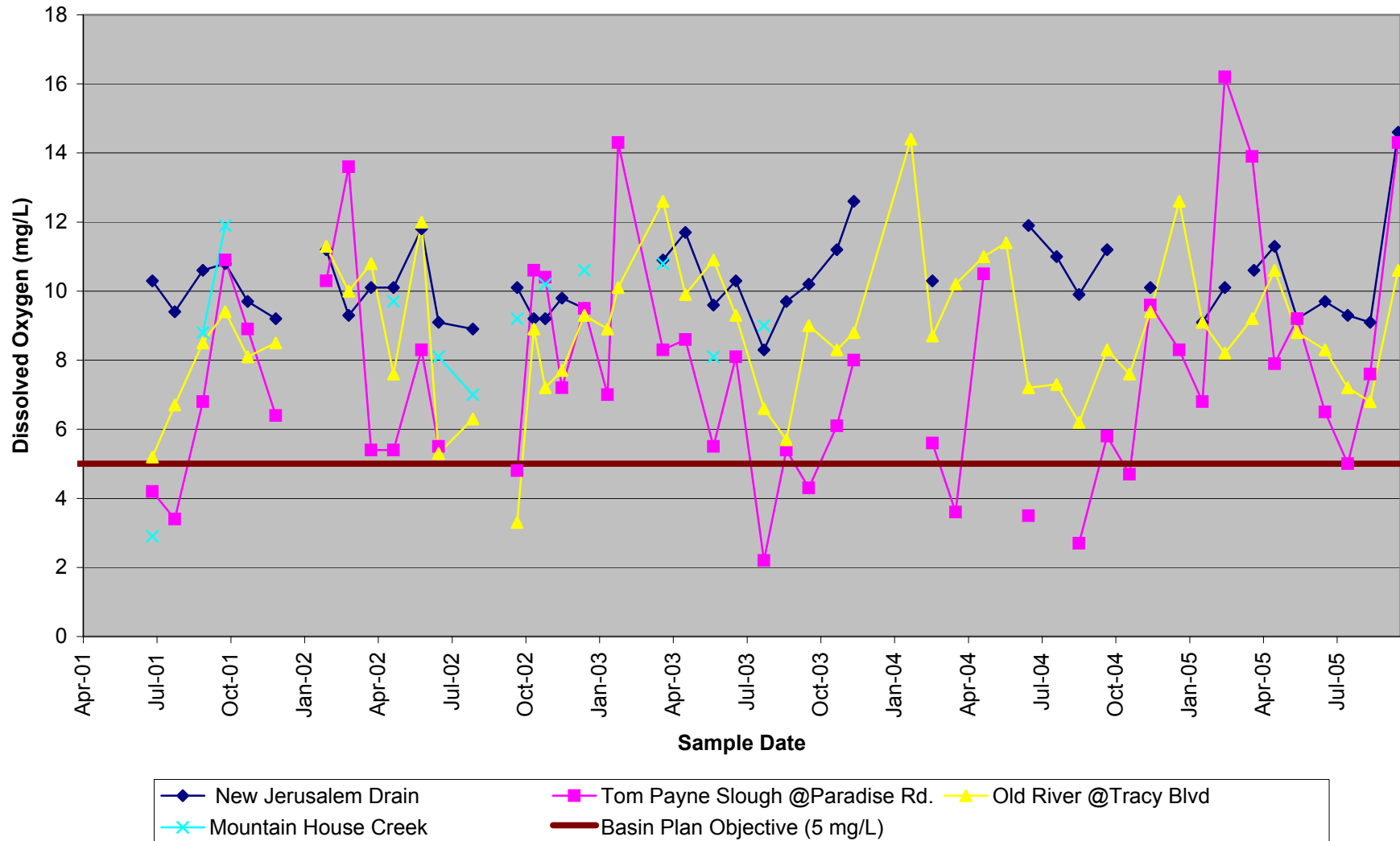
San Joaquin River Delta Basin pH WY01-WY05



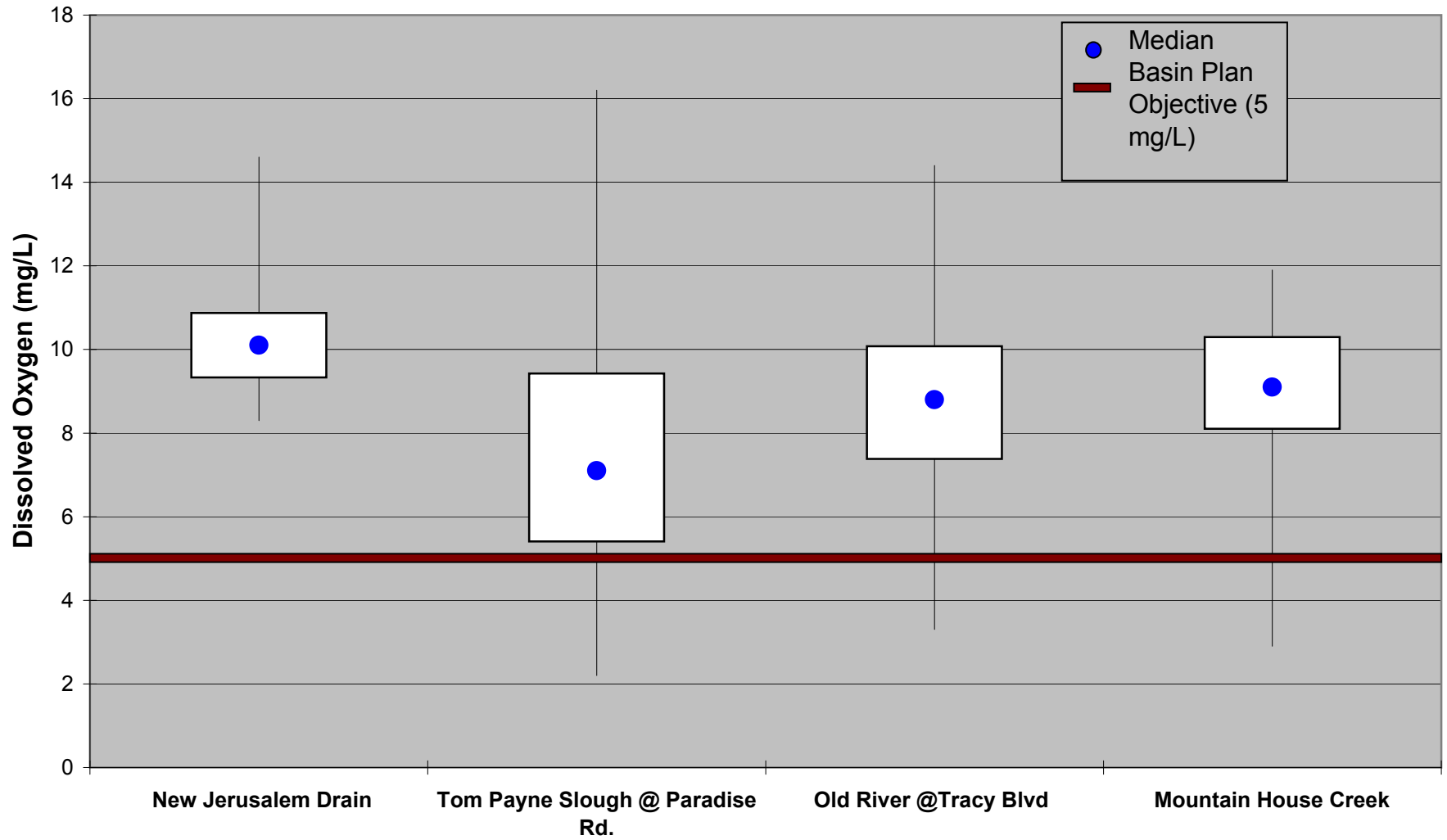
San Joaquin River South Delta Basin pH WY01- WY05



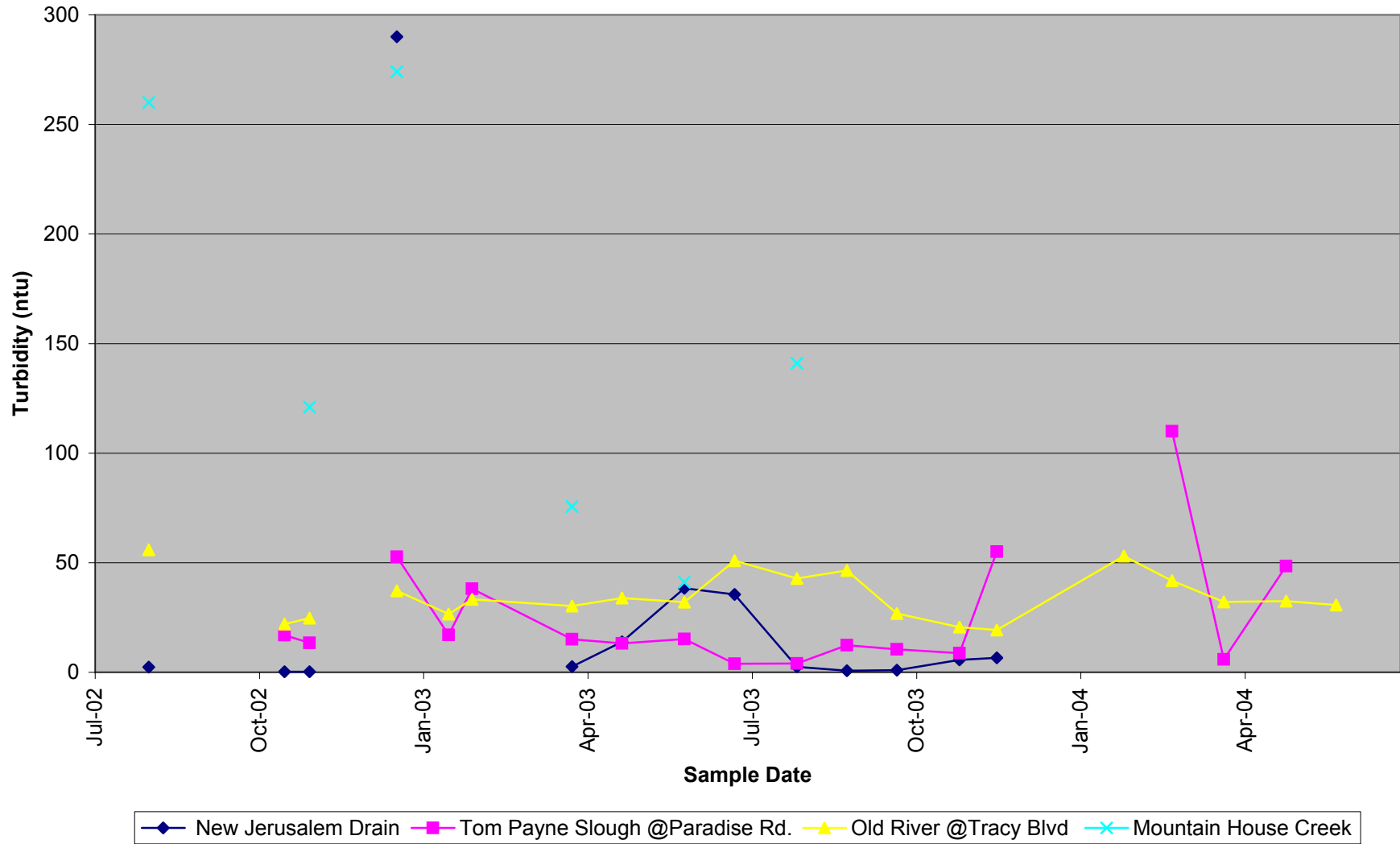
San Joaquin River Delta Basin Dissolved Oxygen WY01-WY05



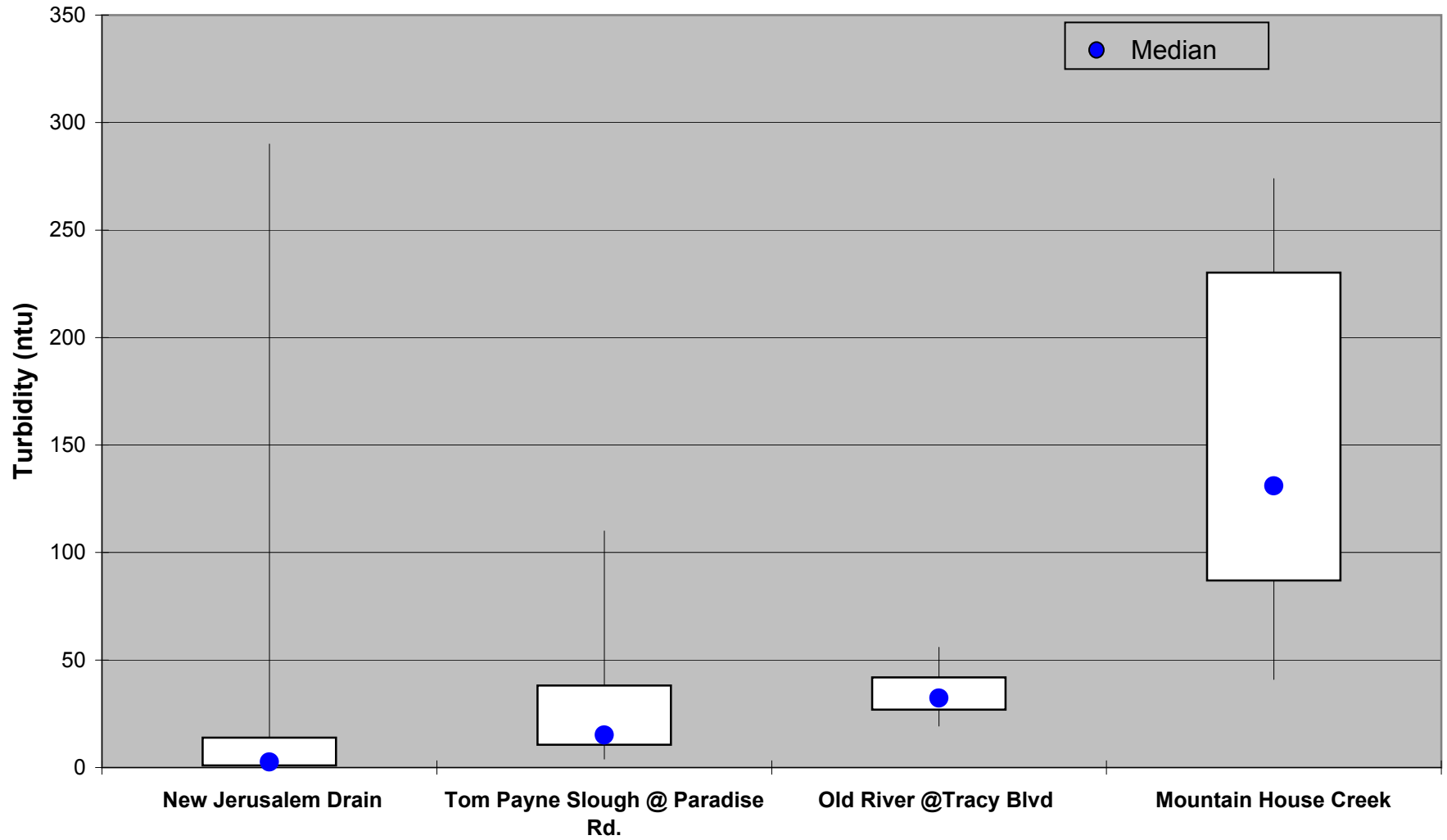
San Joaquin River South Delta Basin Dissolved Oxygen WY01- WY05



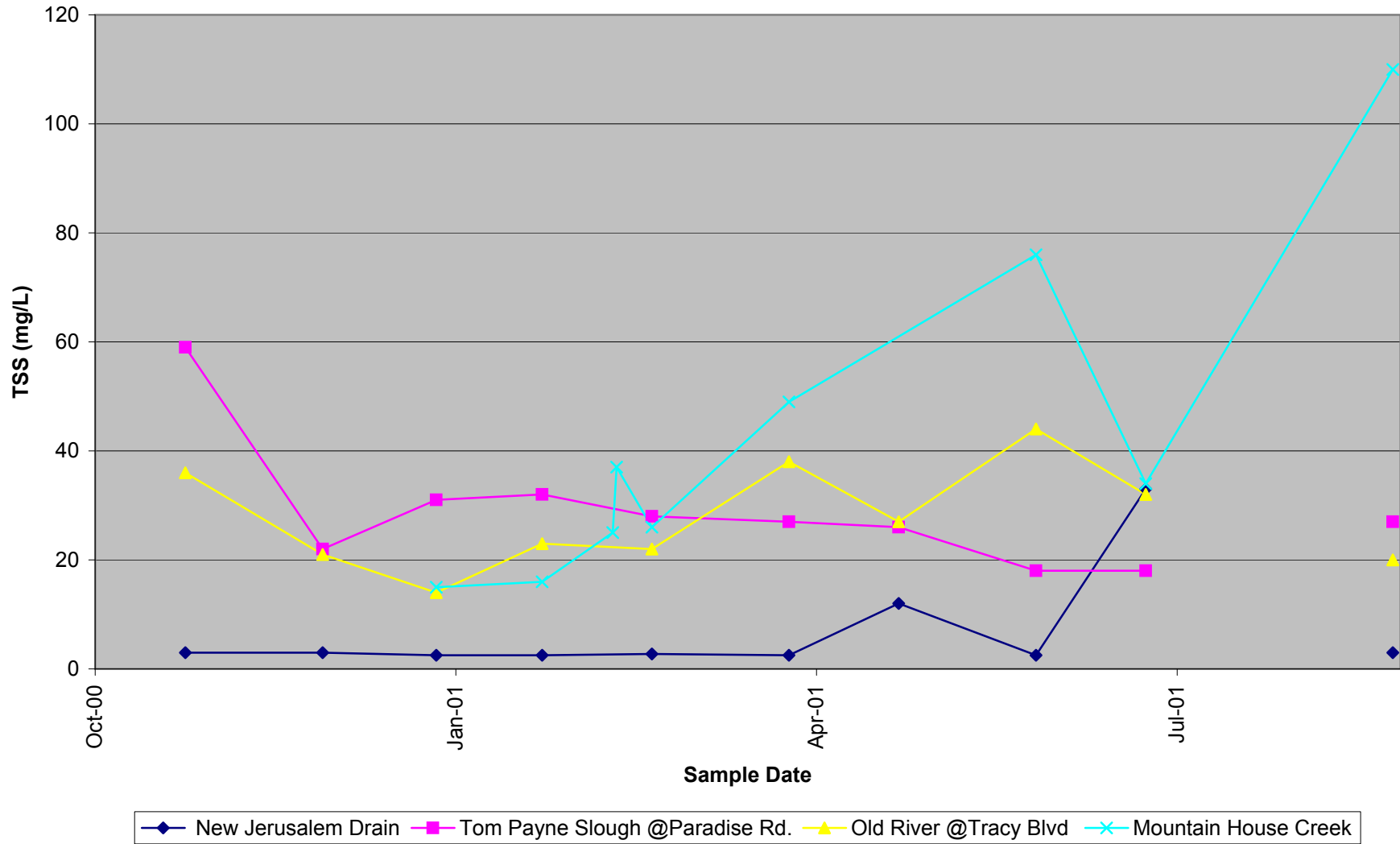
San Joaquin River Delta Basin Turbidity WY02-WY04



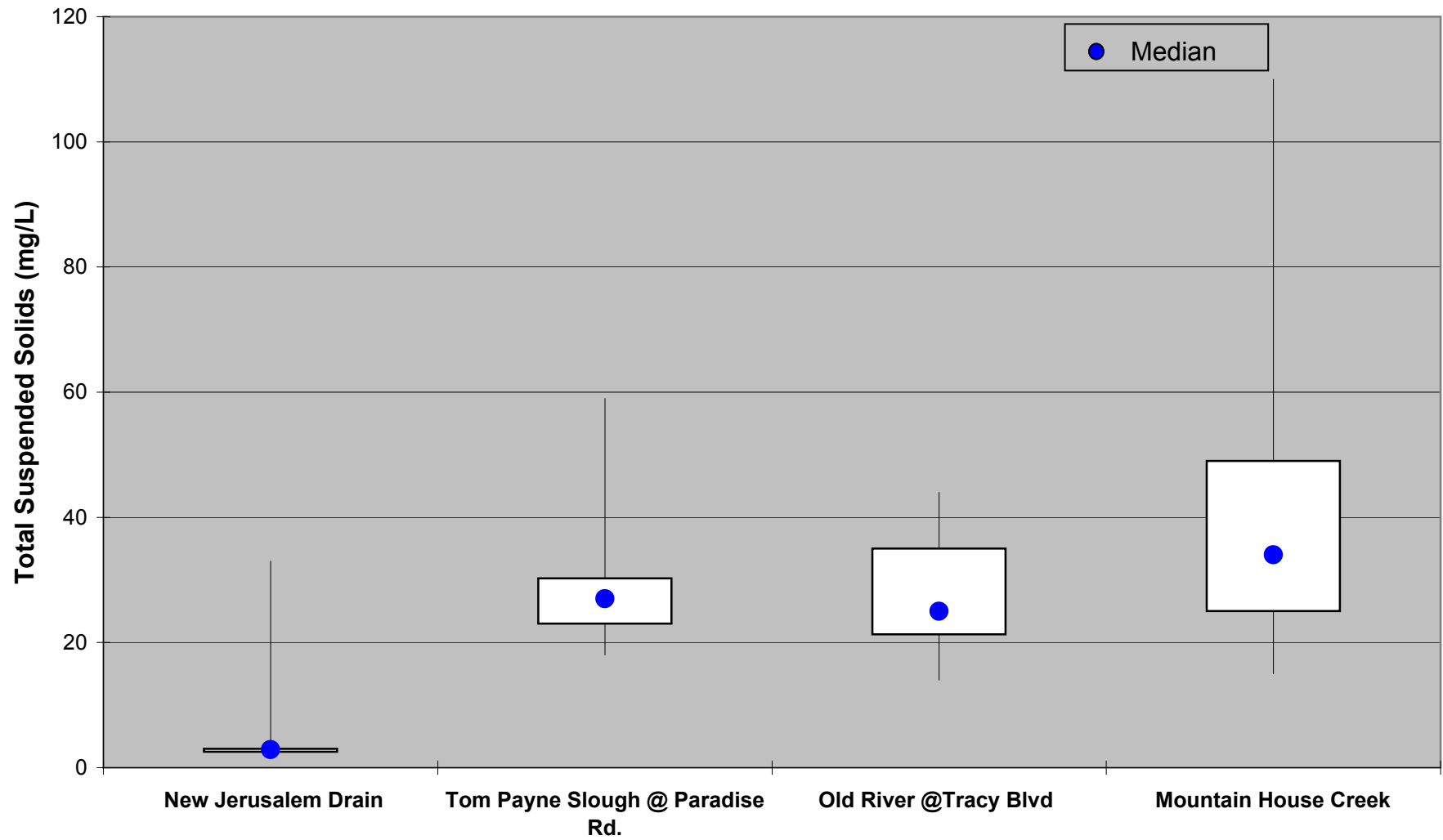
San Joaquin River South Delta Basin Turbidity WY02- WY04



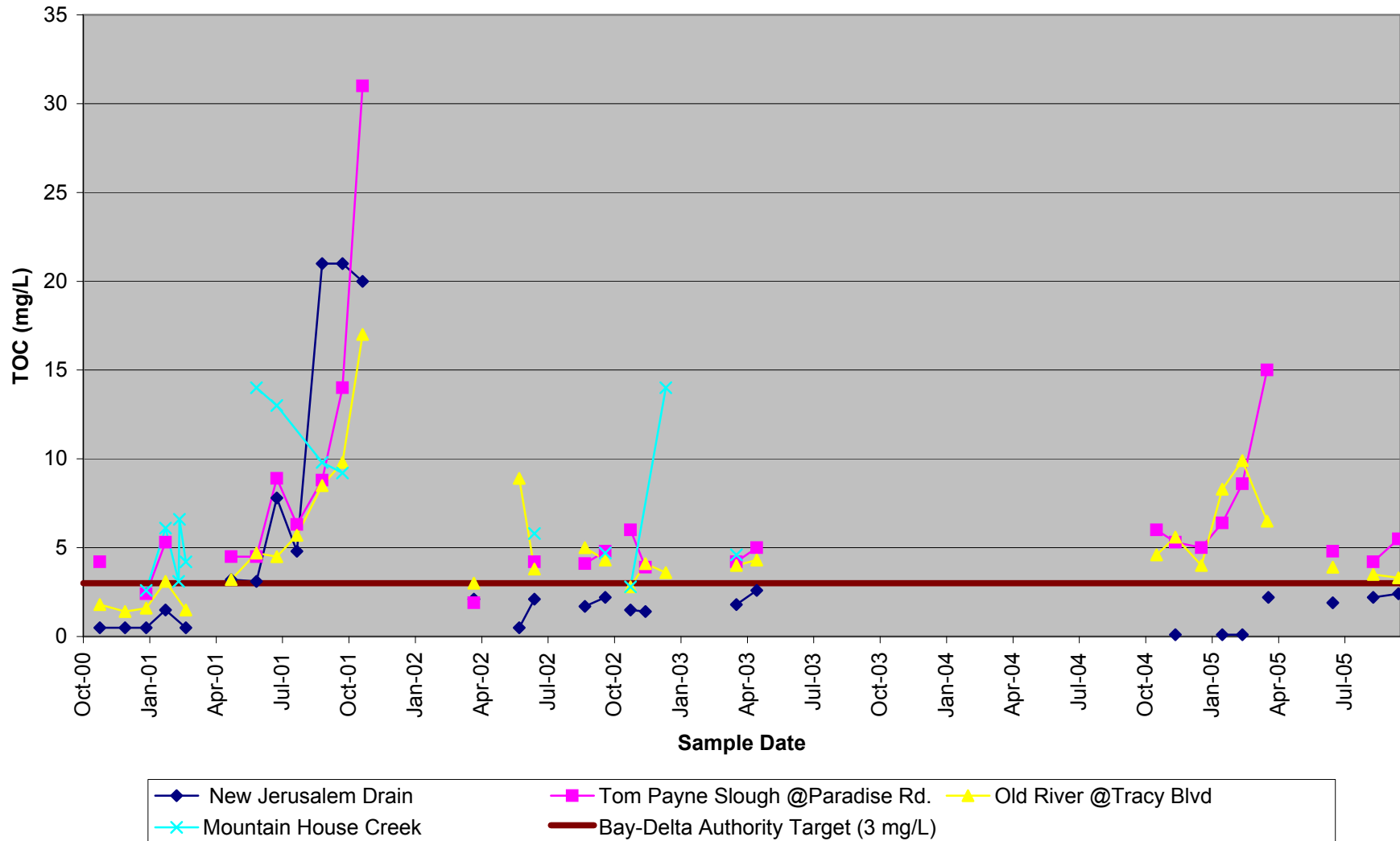
San Joaquin River Delta Basin Total Suspended Solids WY01



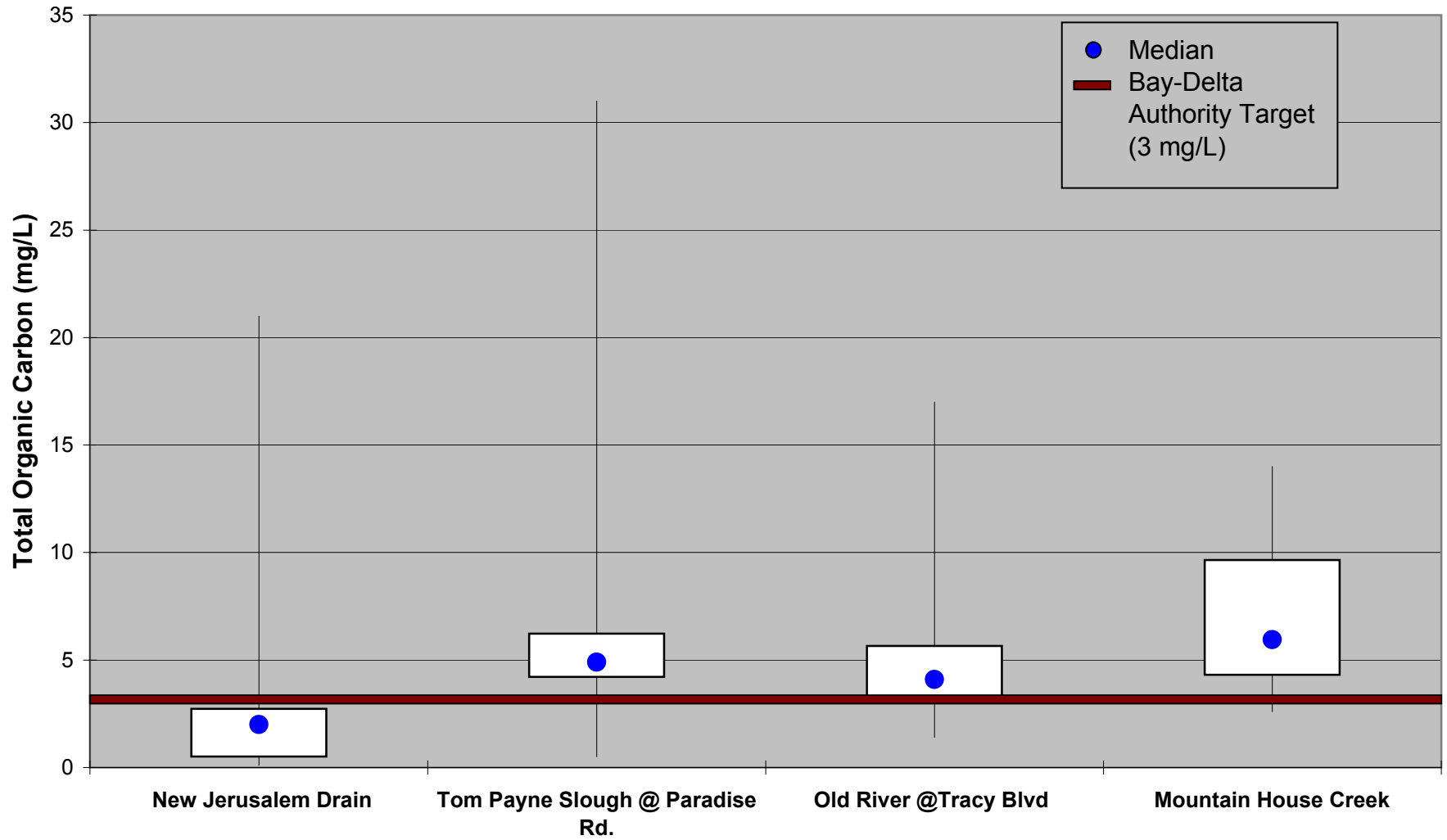
San Joaquin River South Delta Basin Total Suspended Solids WY01



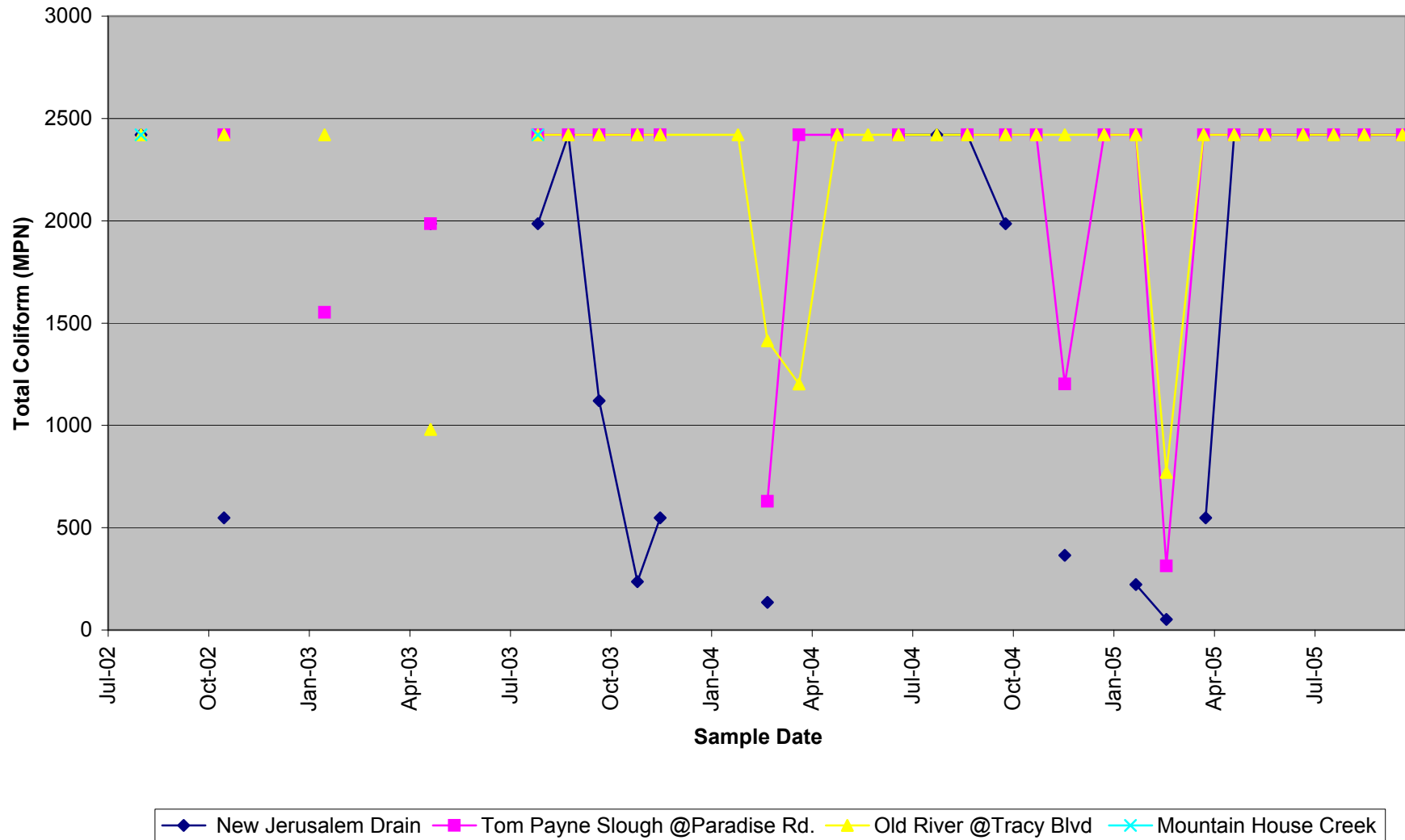
San Joaquin River Delta Basin Total Organic Carbon WY01-WY05



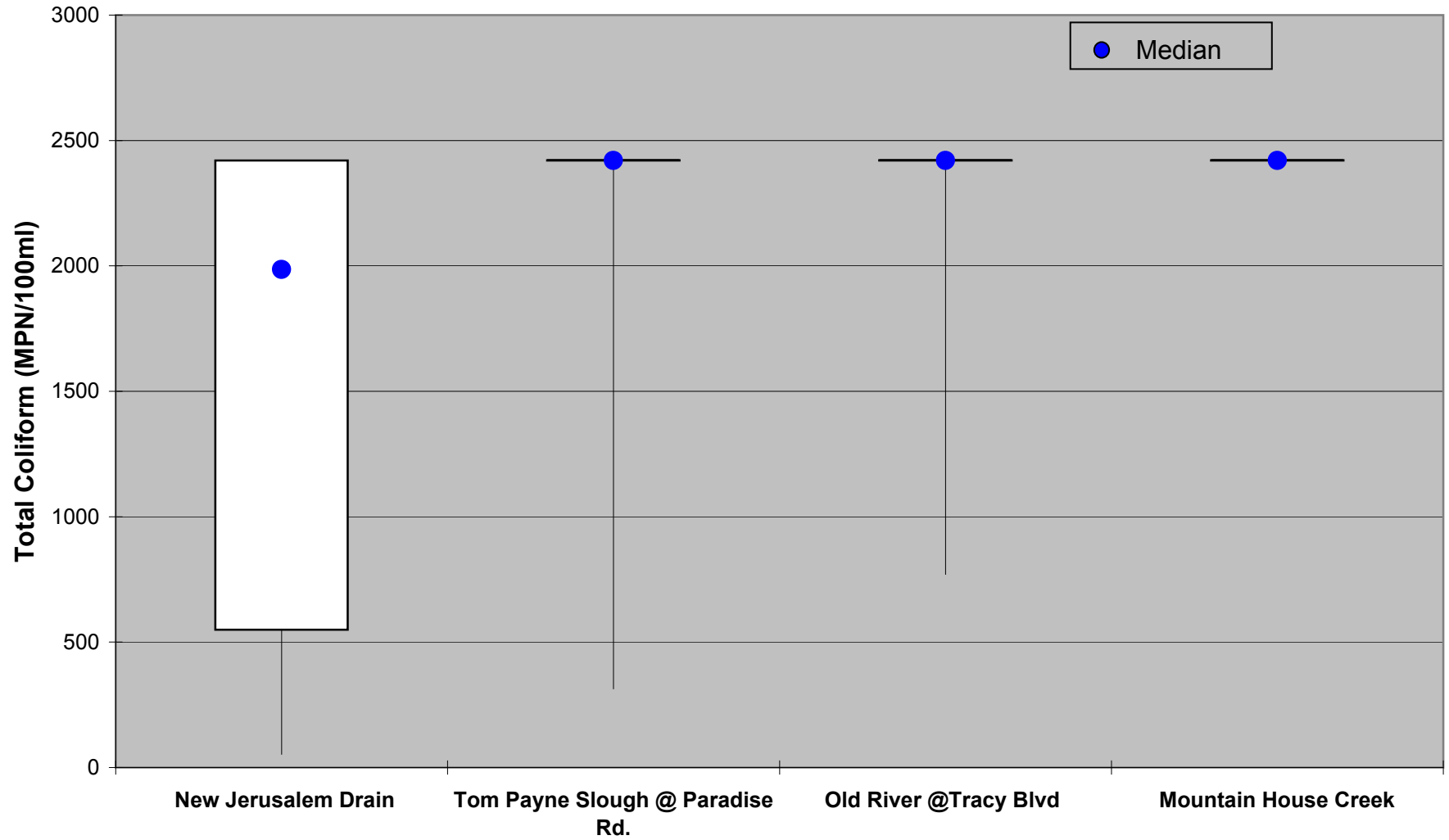
San Joaquin River South Delta Basin Total Organic Carbon WY01- WY05



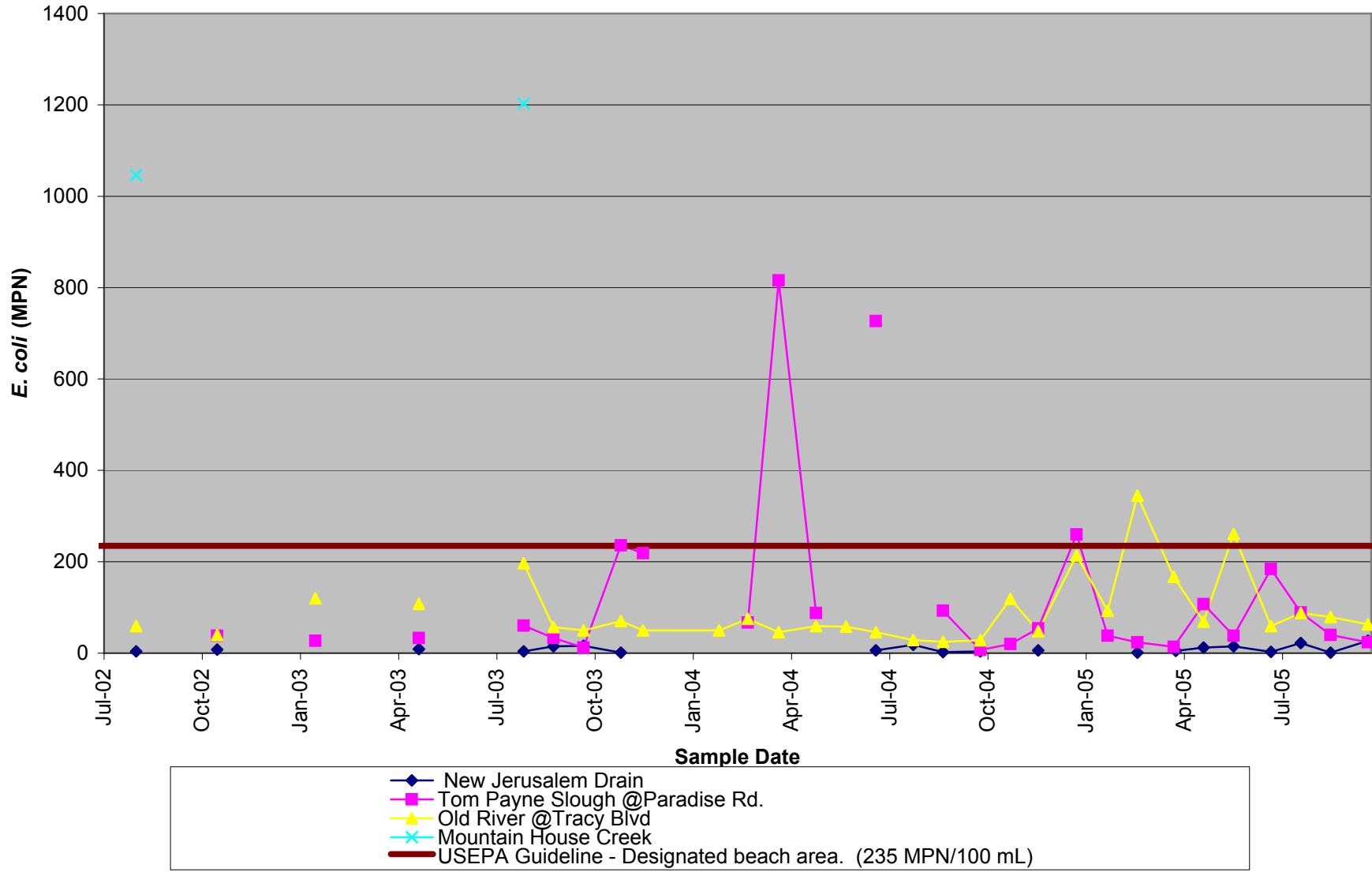
San Joaquin River Delta Basin Total Coliform WY02-WY05



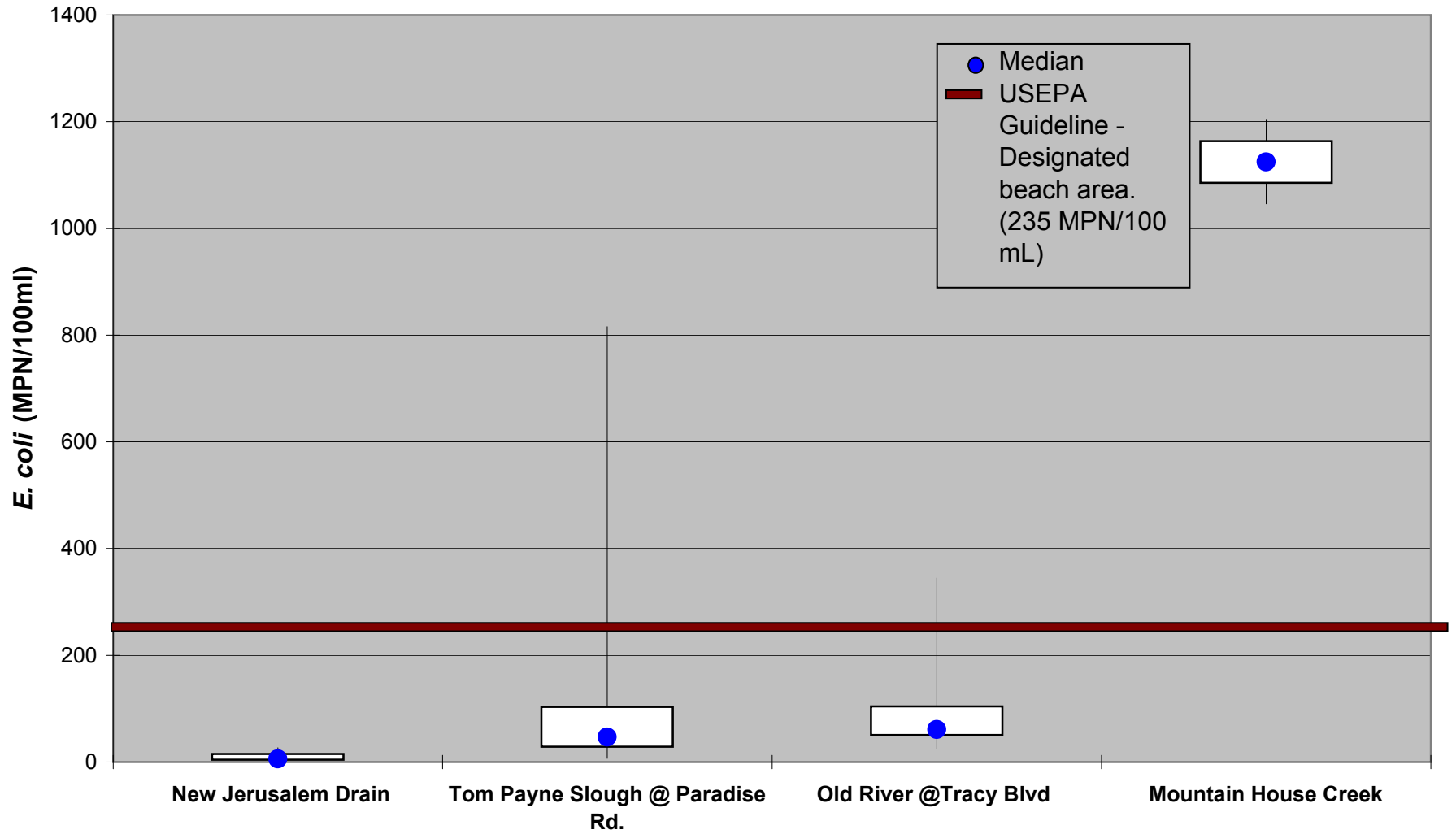
San Joaquin River South Delta Basin Total Coliform WY02- WY05



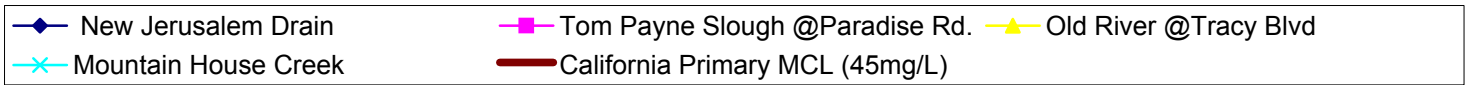
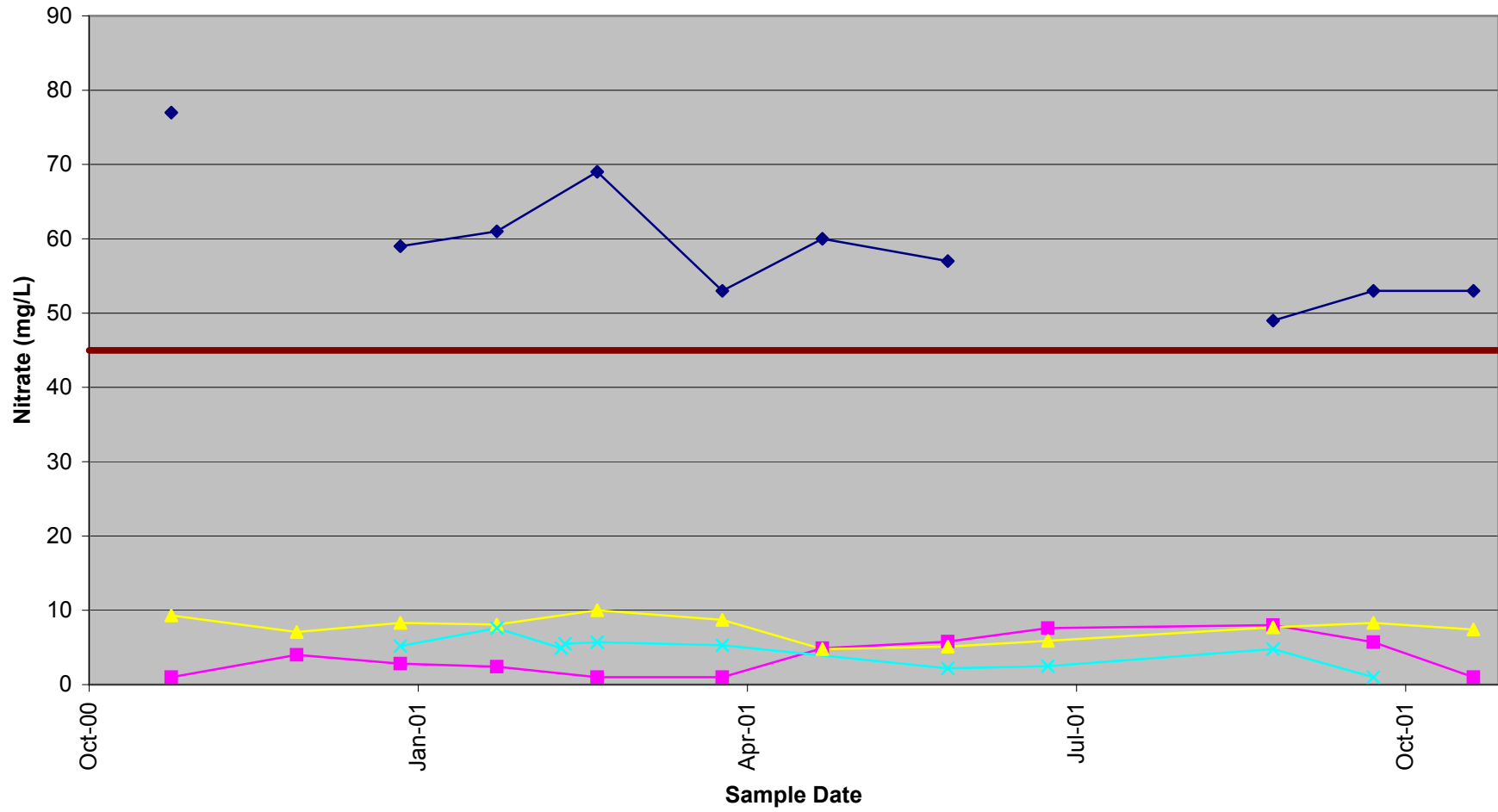
San Joaquin River Delta Basin *Escherichia coli* WY02-WY05



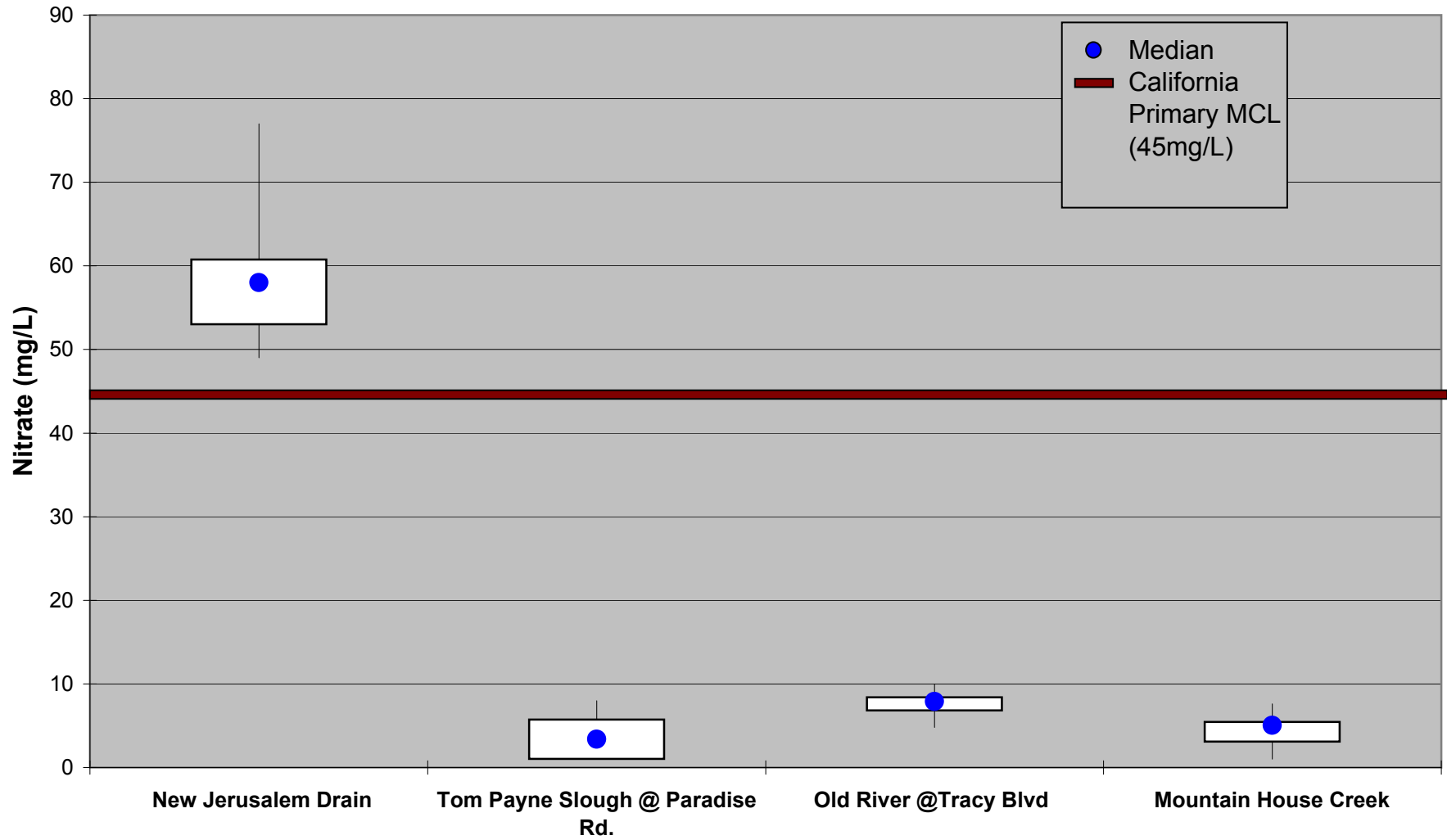
San Joaquin River South Delta Basin *Escherichia coli* WY02-WY05



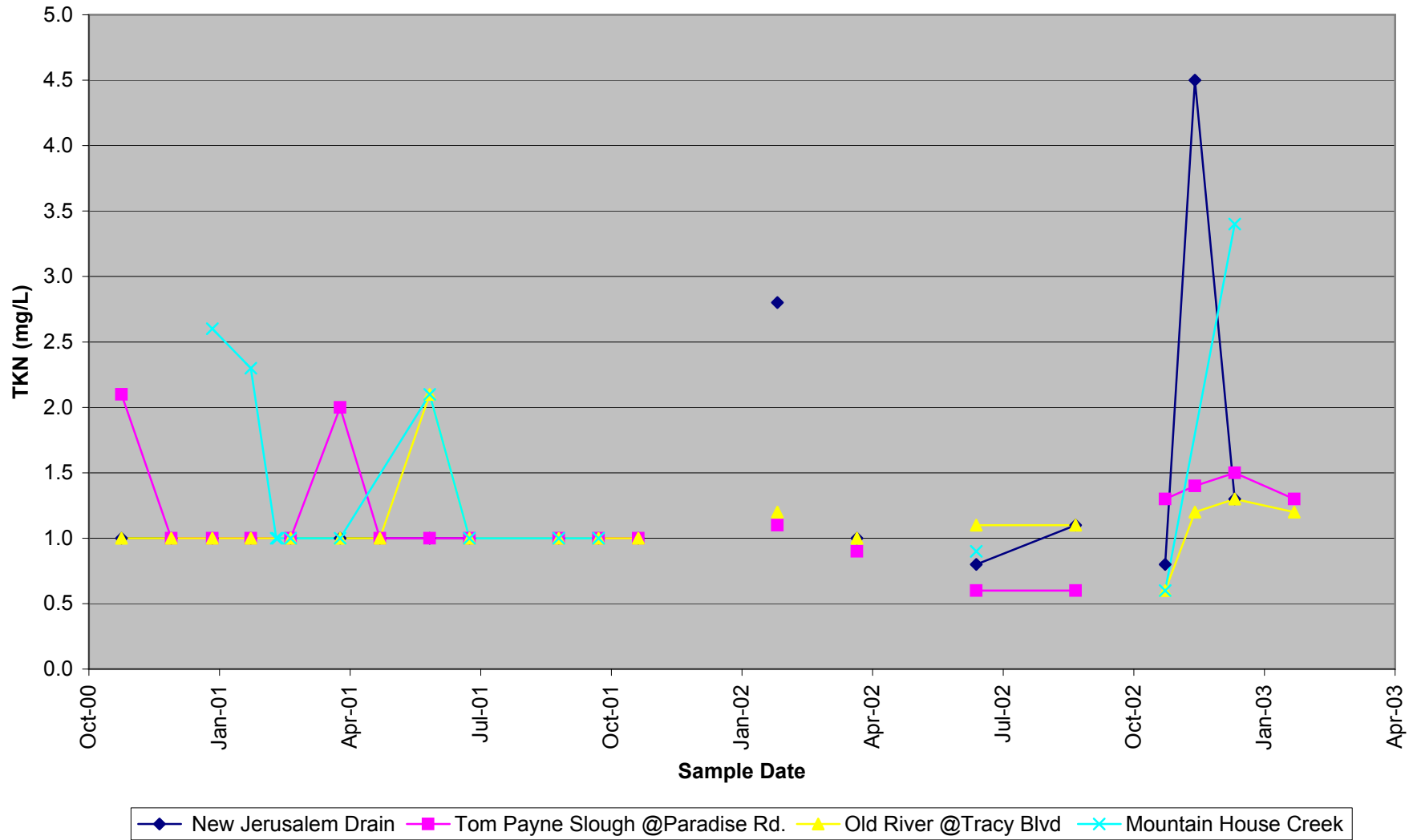
San Joaquin River Delta Basin Nitrate WY01



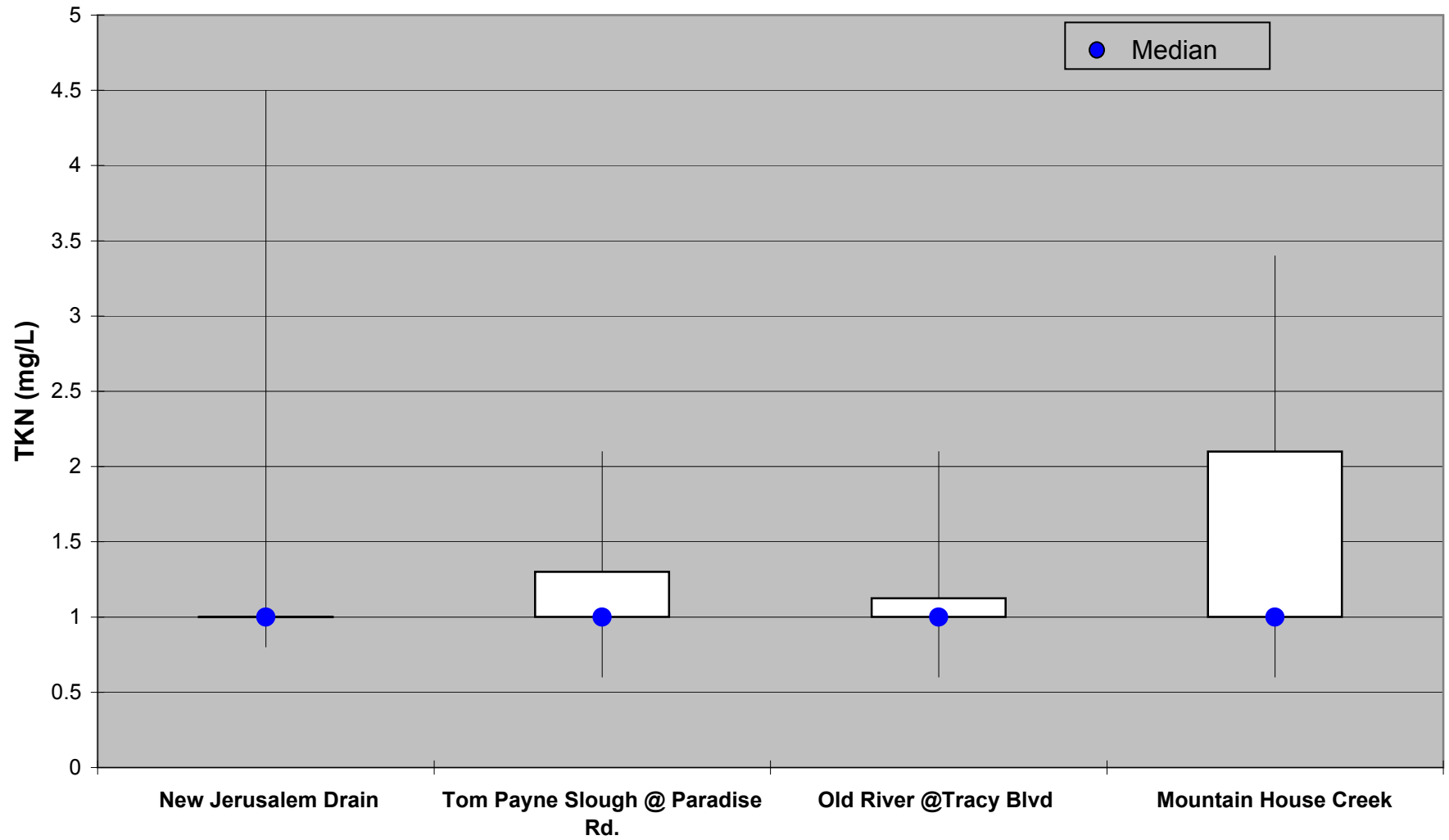
San Joaquin River South Delta Basin Nitrate WY01-WY04



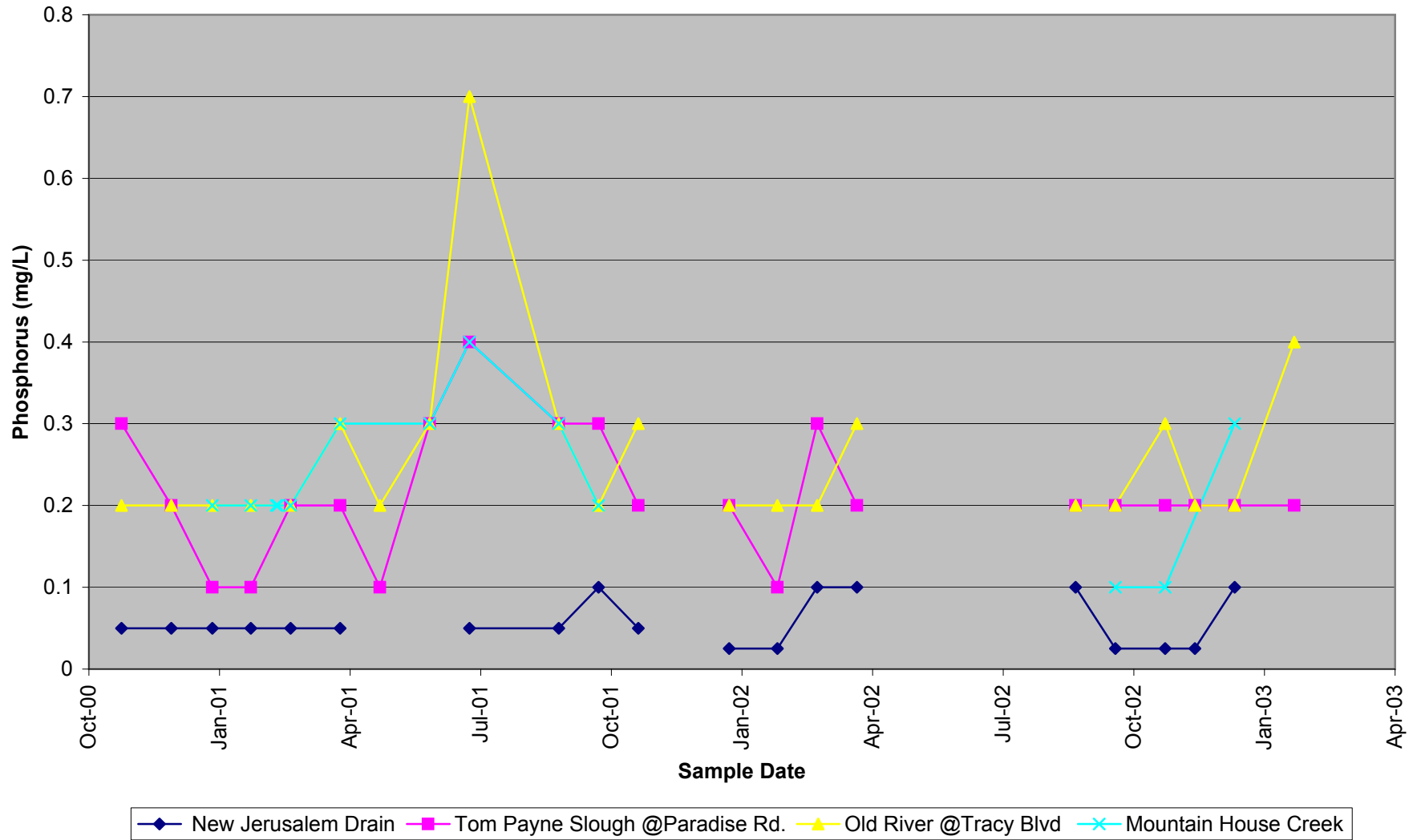
San Joaquin River Delta Basin Total Kjeldahl Nitrogen WY01-WY03



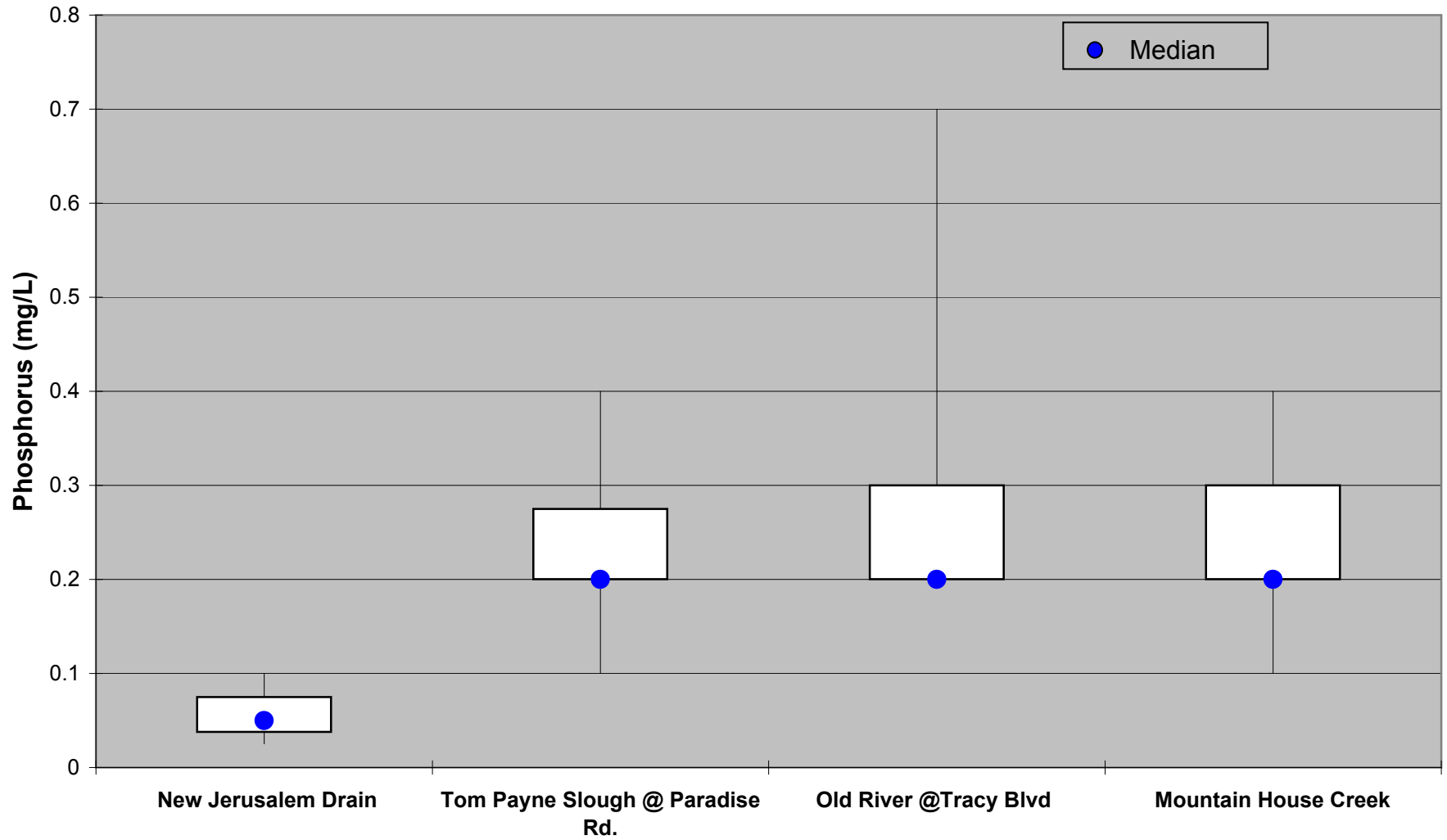
San Joaquin River South Delta Basin Total Kjeldahl Nitrogen WY01-WY05



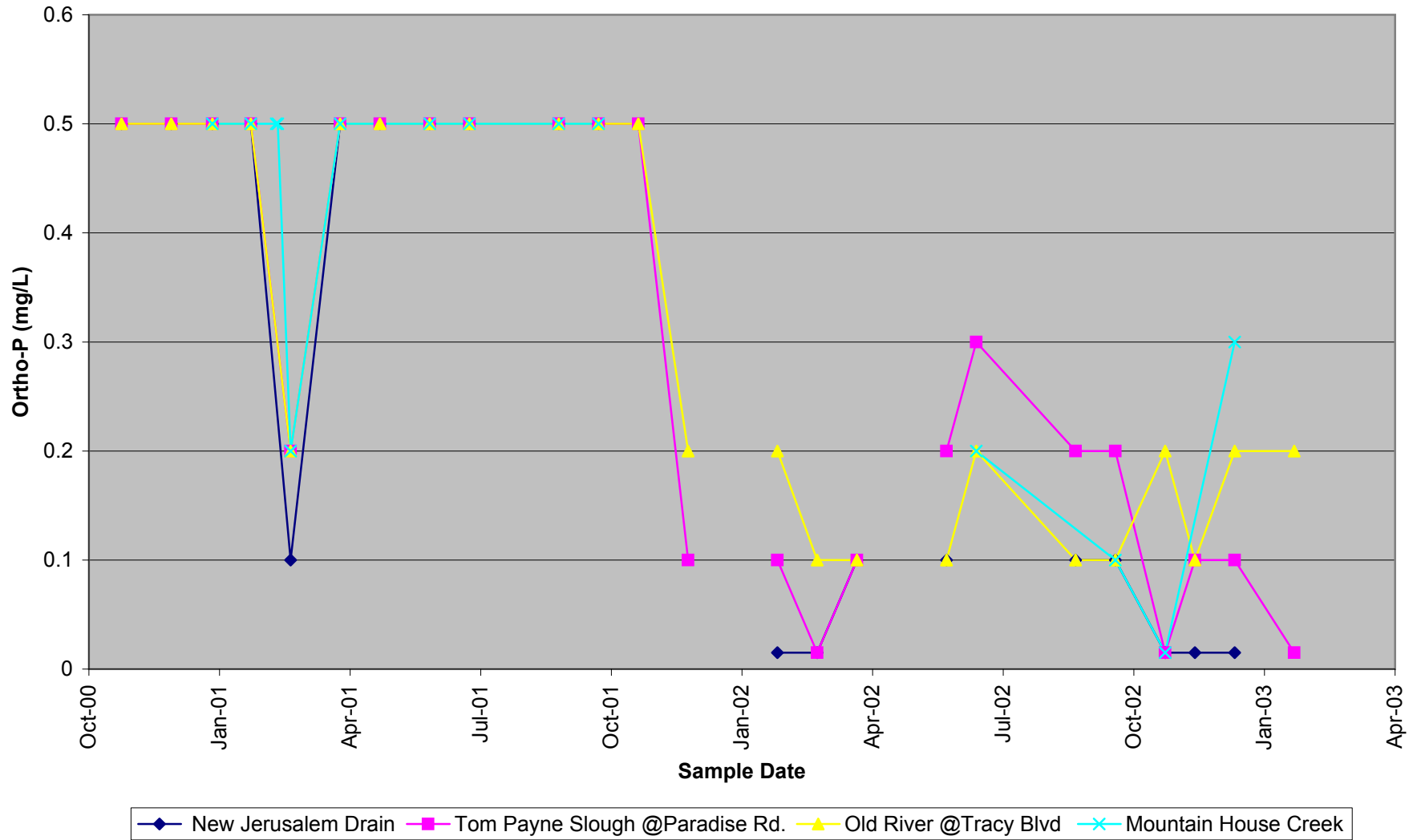
San Joaquin River Delta Basin Phosphorus WY01-WY03



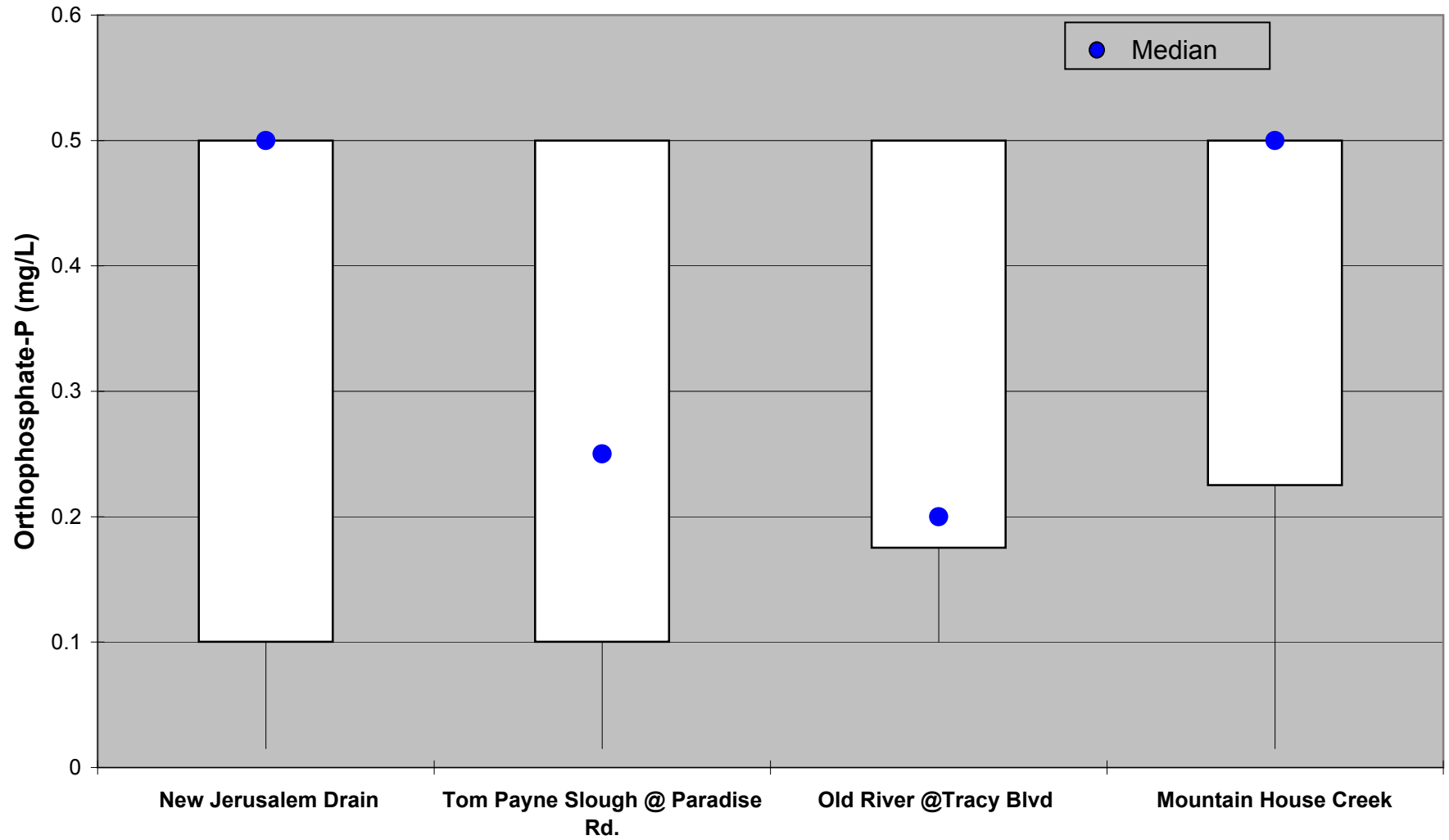
San Joaquin River South Delta Basin Phosphorus WY01-WY05



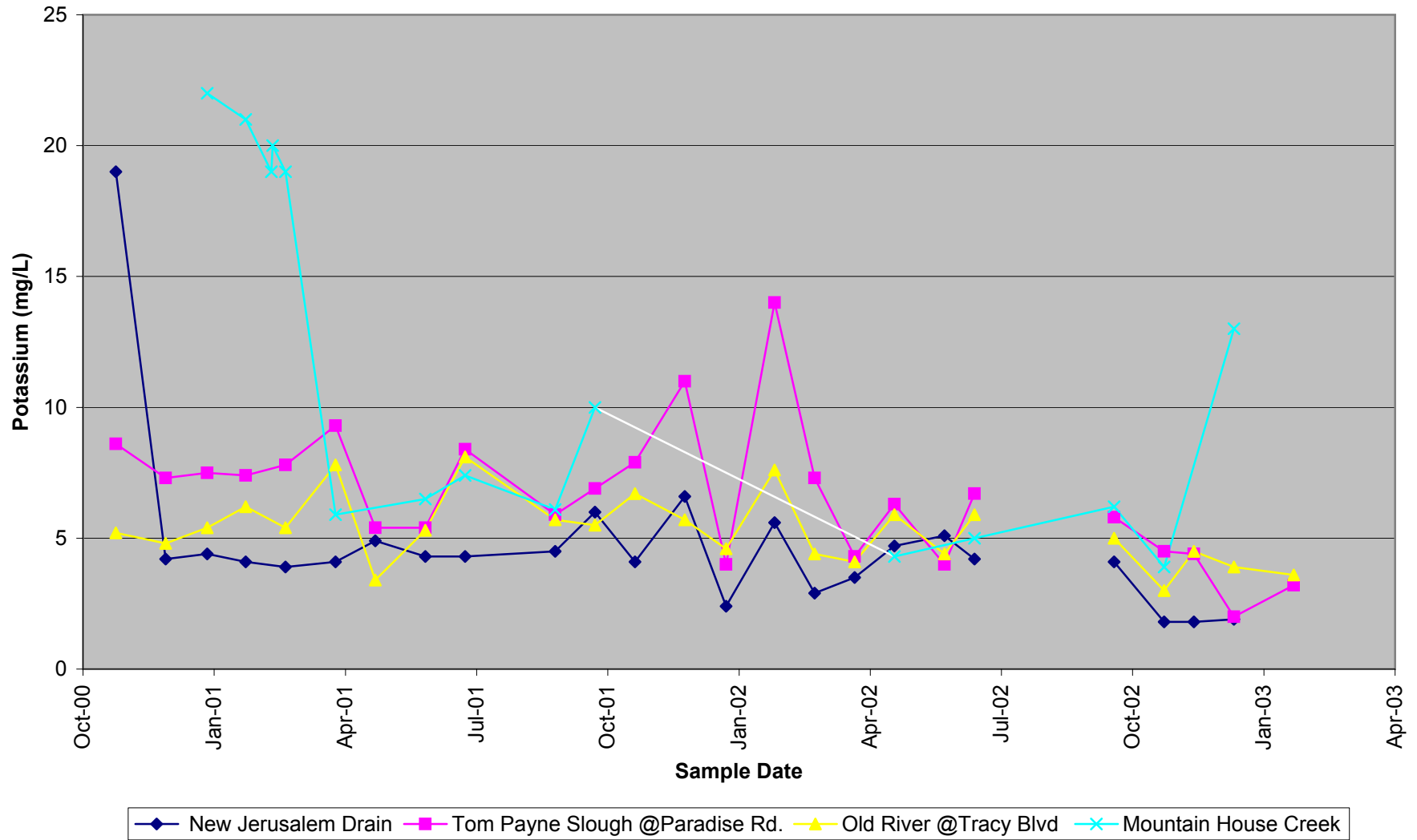
San Joaquin River Delta Basin Orthophosphate-P WY01-WY03



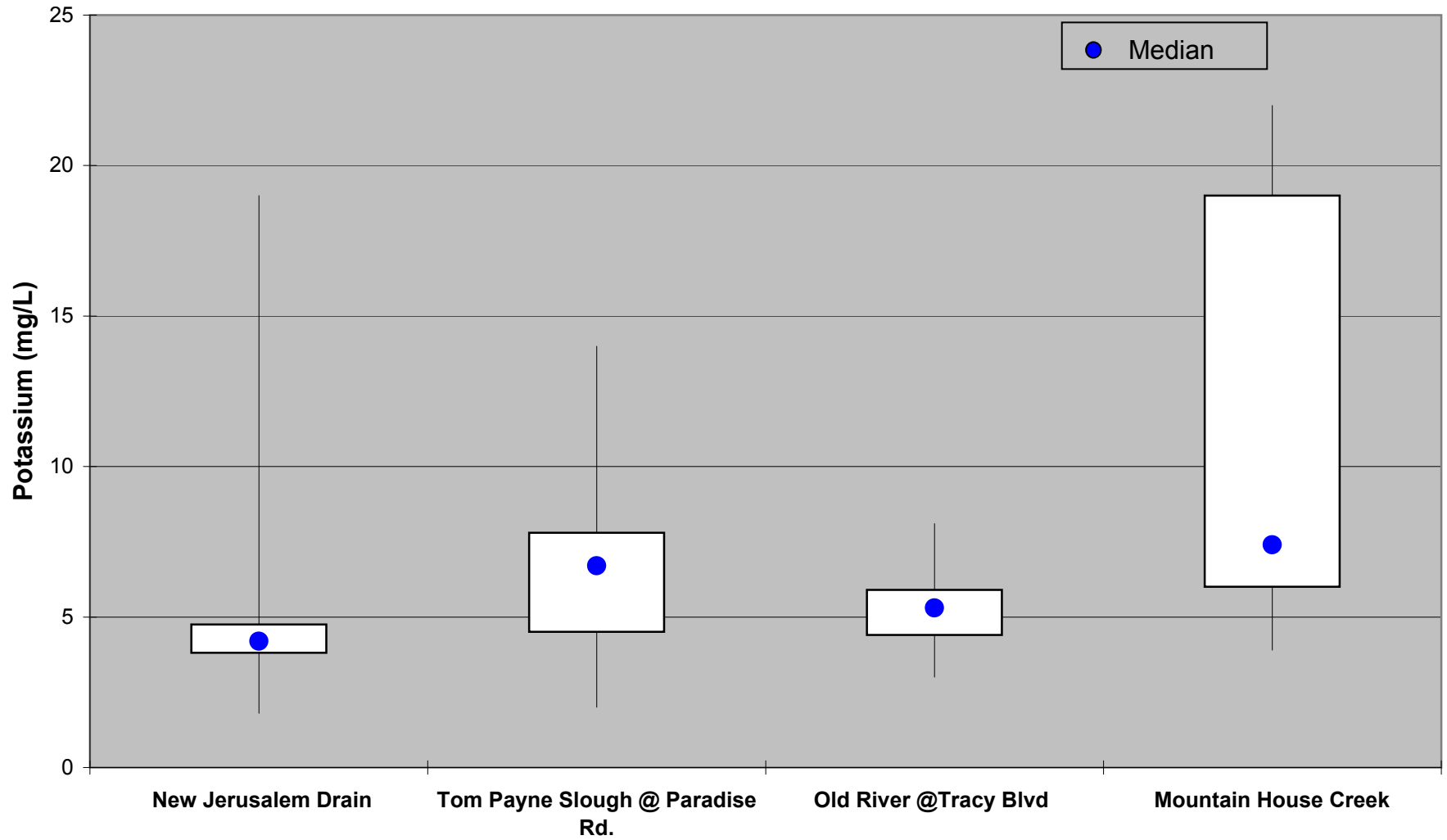
San Joaquin River South Delta Basin Orthophosphate-P WY01-WY05



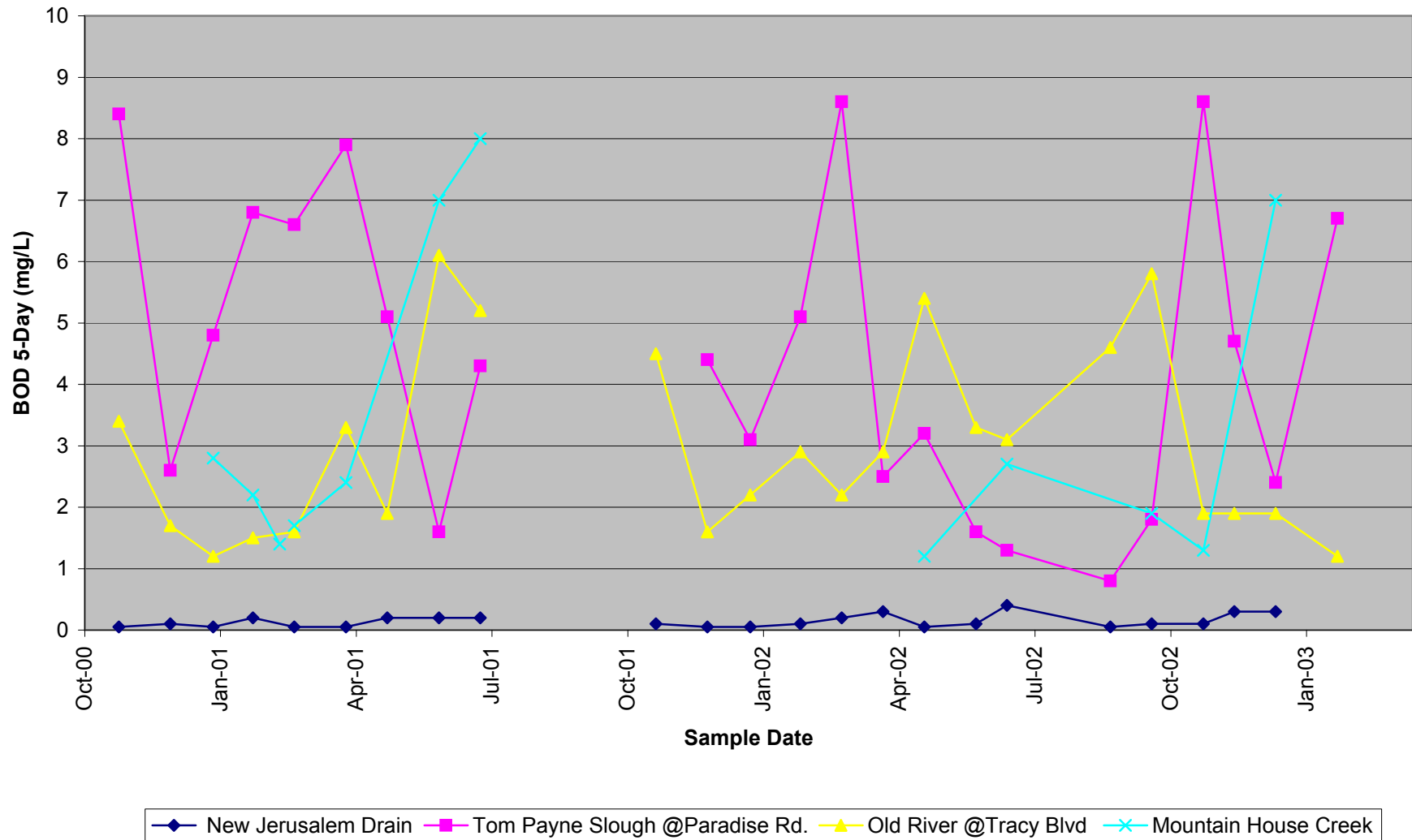
San Joaquin River Delta Basin Potassium WY01-WY03



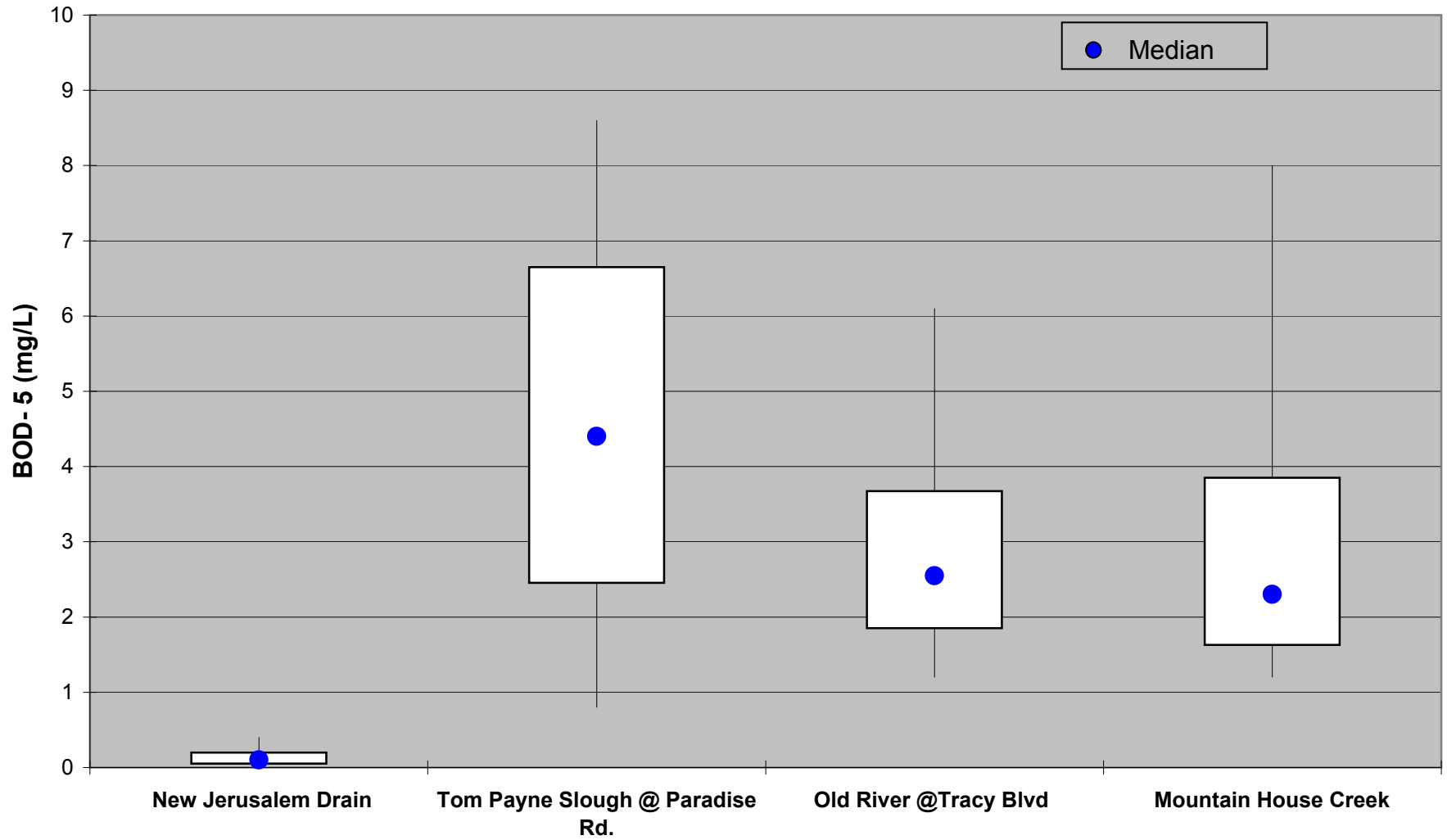
San Joaquin River South Delta Basin Potassium WY01-WY04



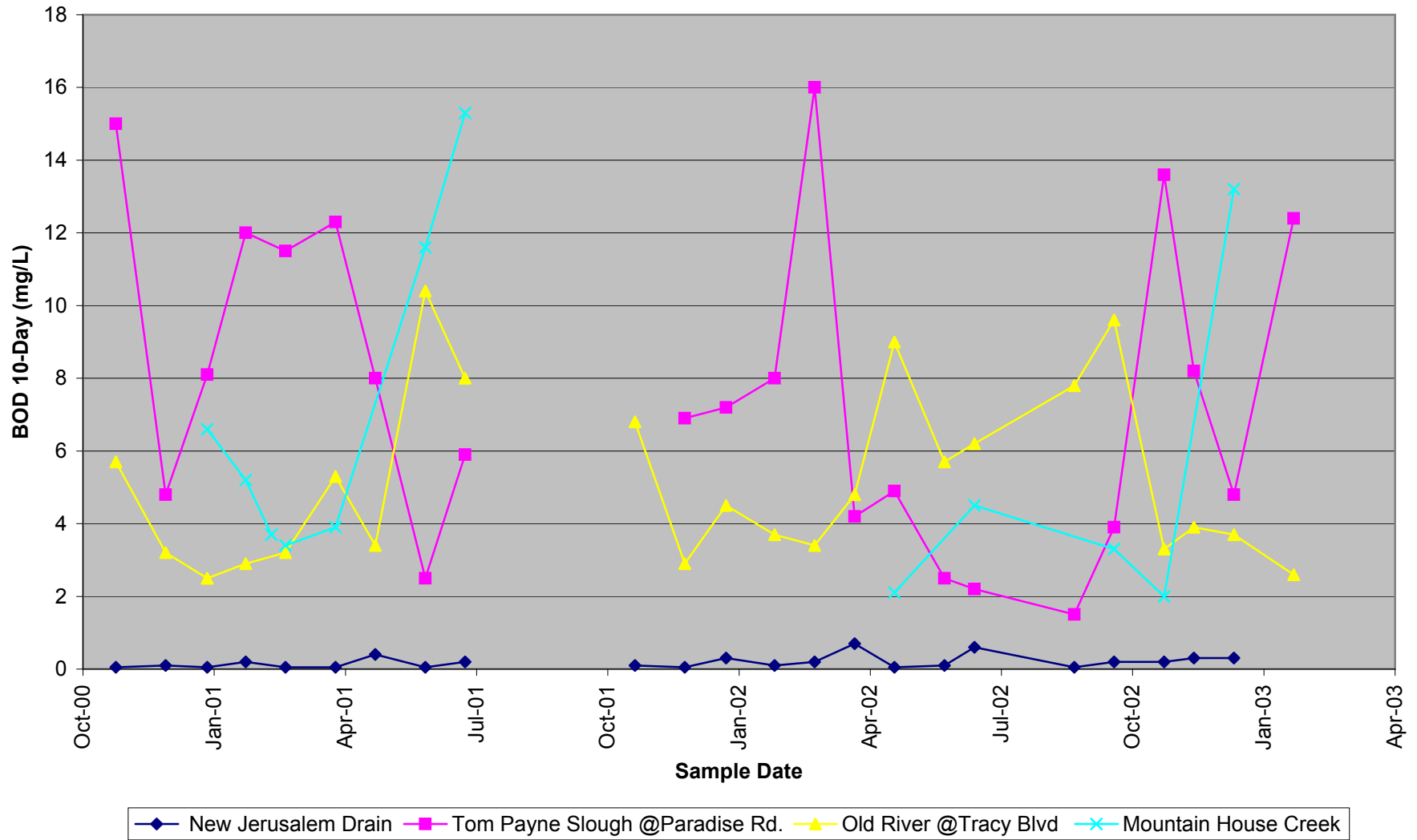
San Joaquin River Delta Basin Biological Oxygen Demand 5-Day WY01-WY03



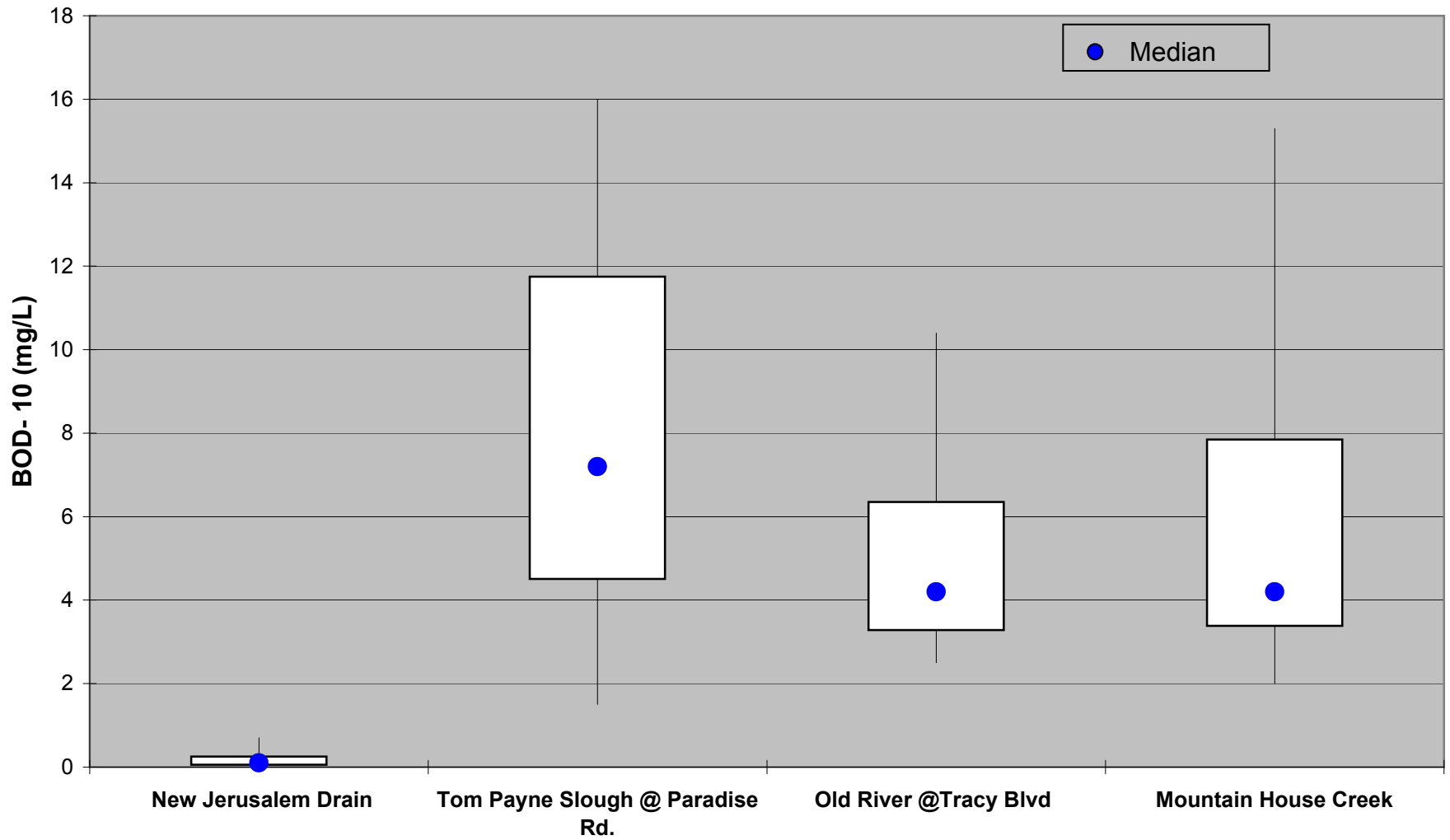
San Joaquin River South Delta Basin Biological Oxygen Demand 5-Day WY01-WY03



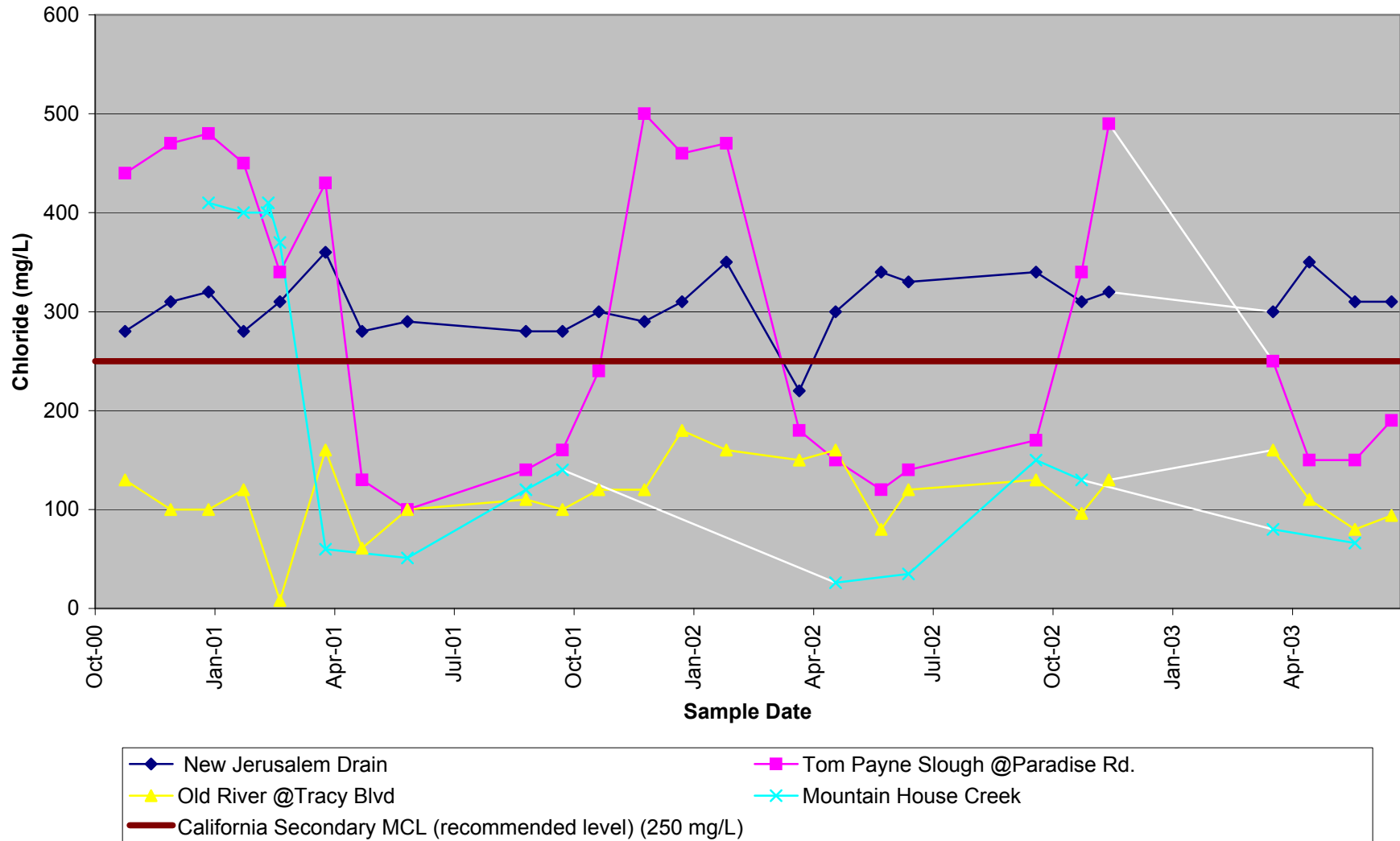
San Joaquin River Delta Basin Biological Oxygen Demand 10-Day WY01-WY03



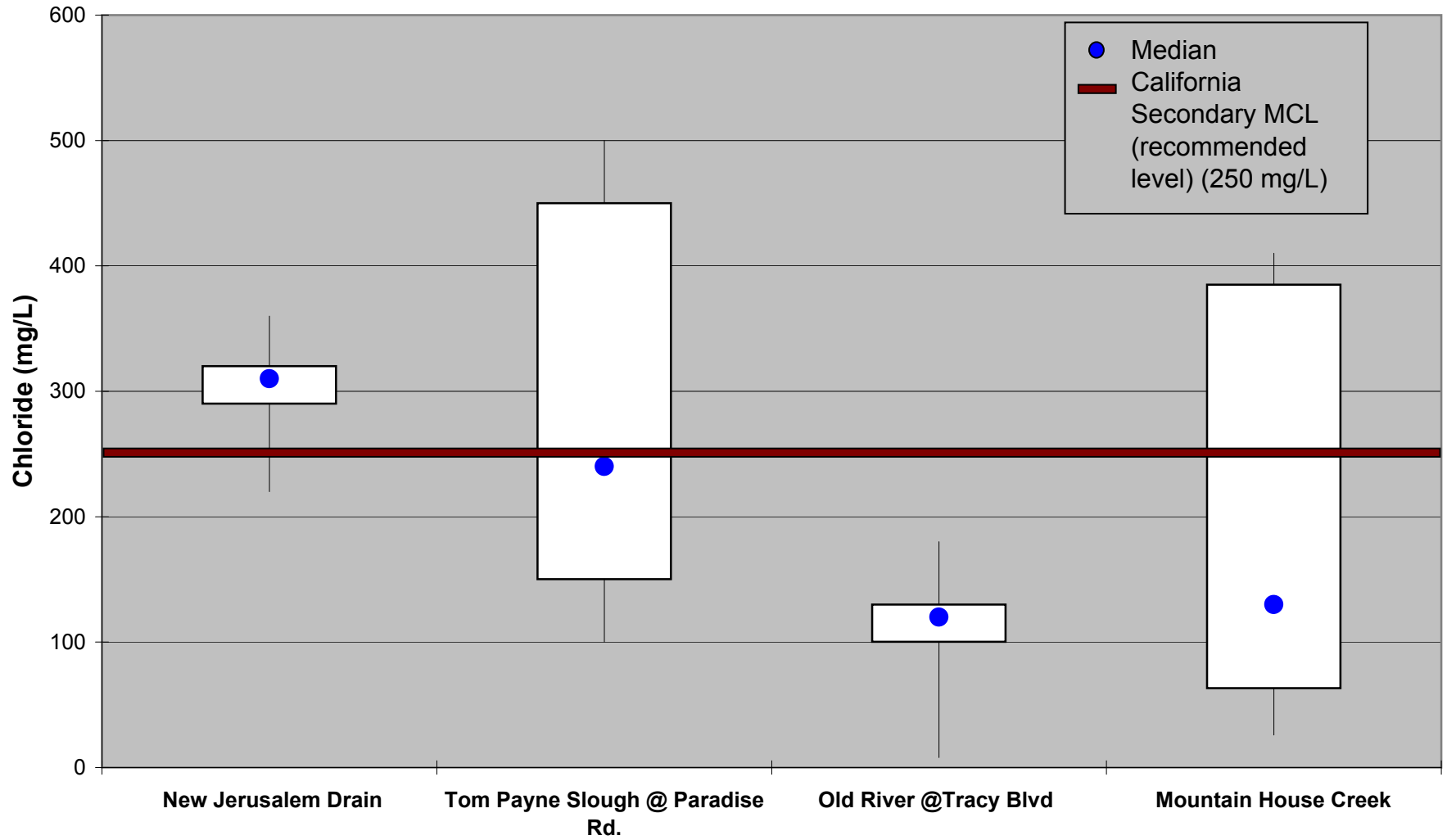
San Joaquin River South Delta Basin Biological Oxygen Demand 10-Day WY01-WY03



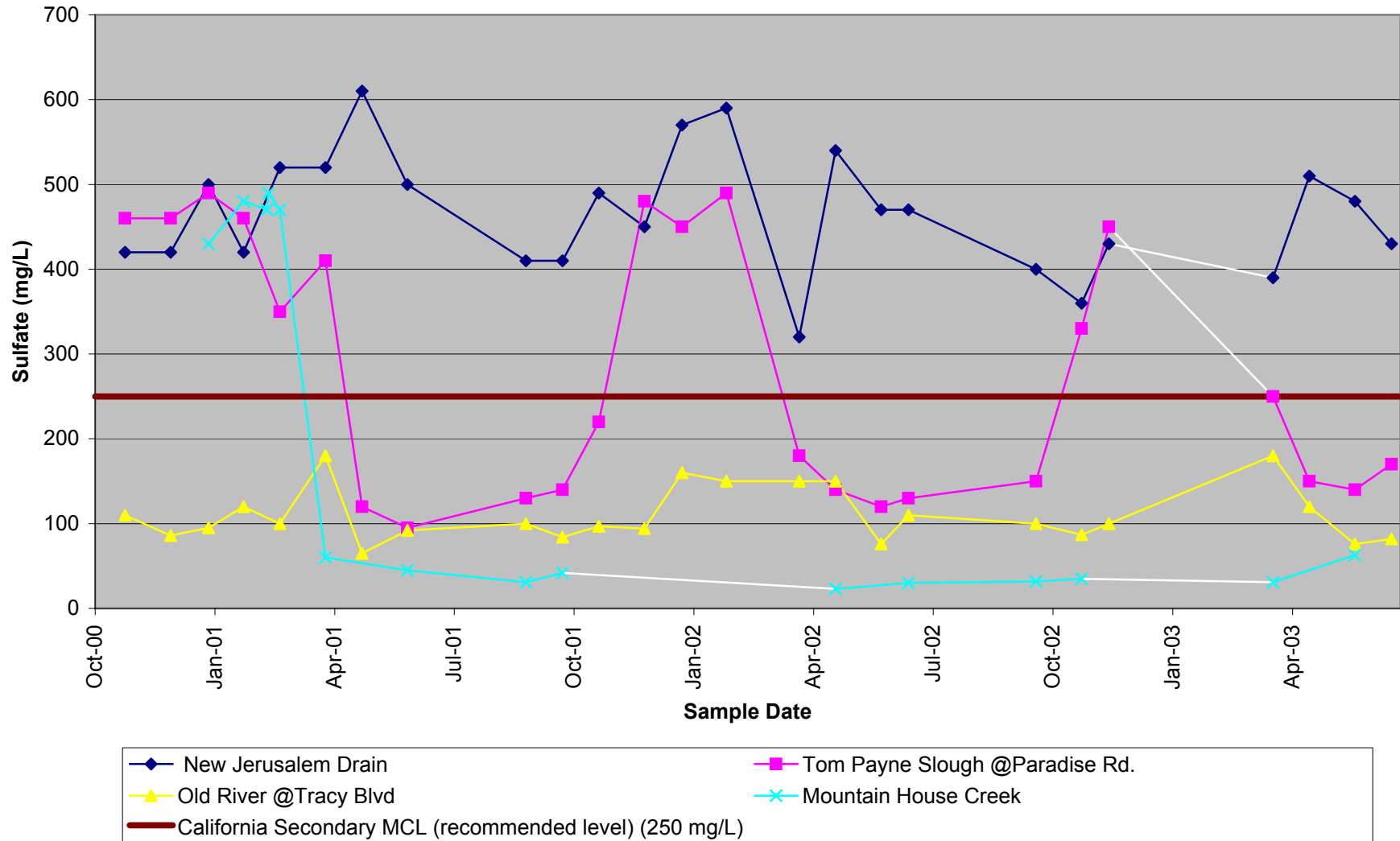
San Joaquin River Delta Basin Chloride WY01-WY03



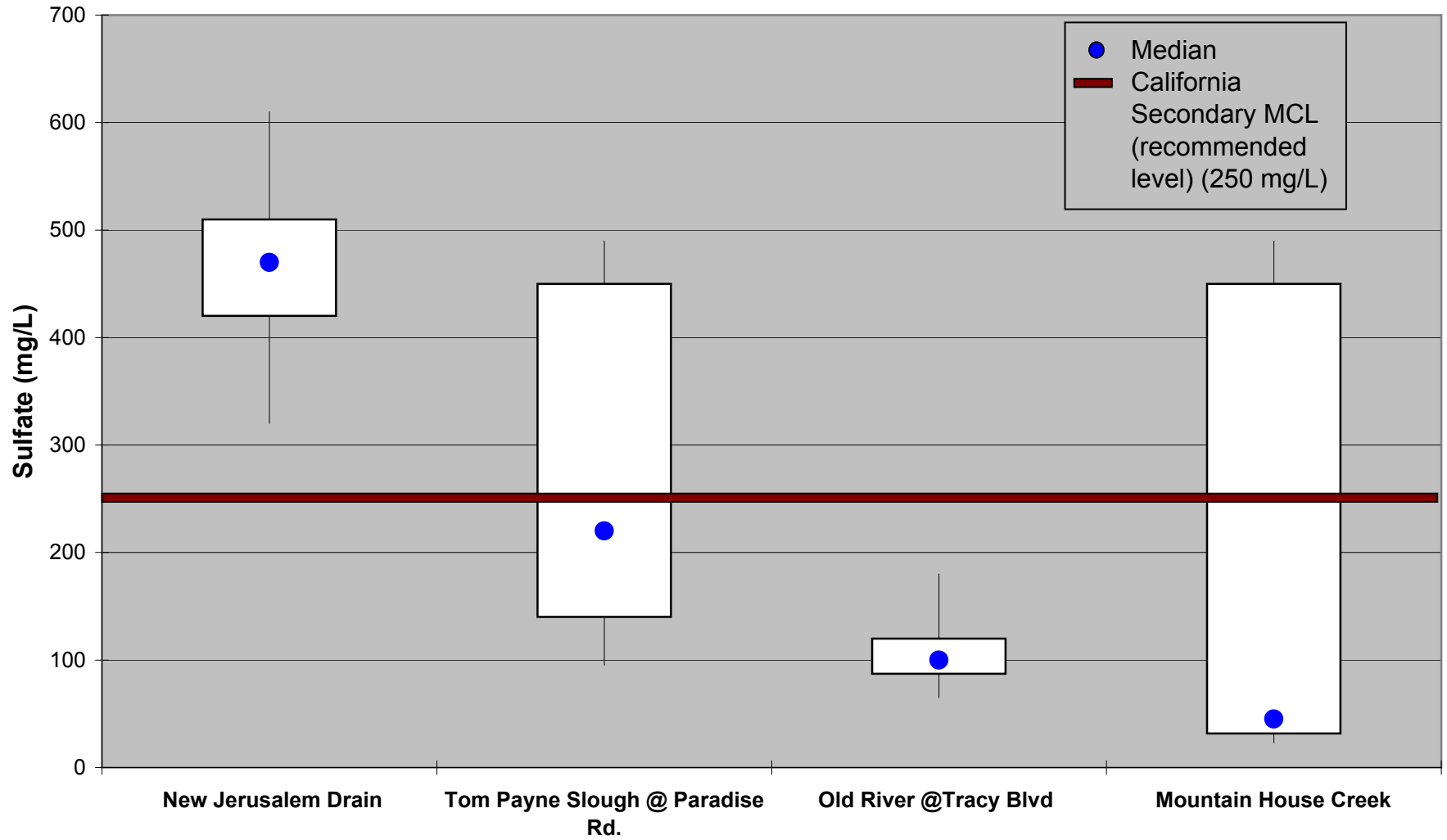
San Joaquin River South Delta Basin Chloride WY01-WY03



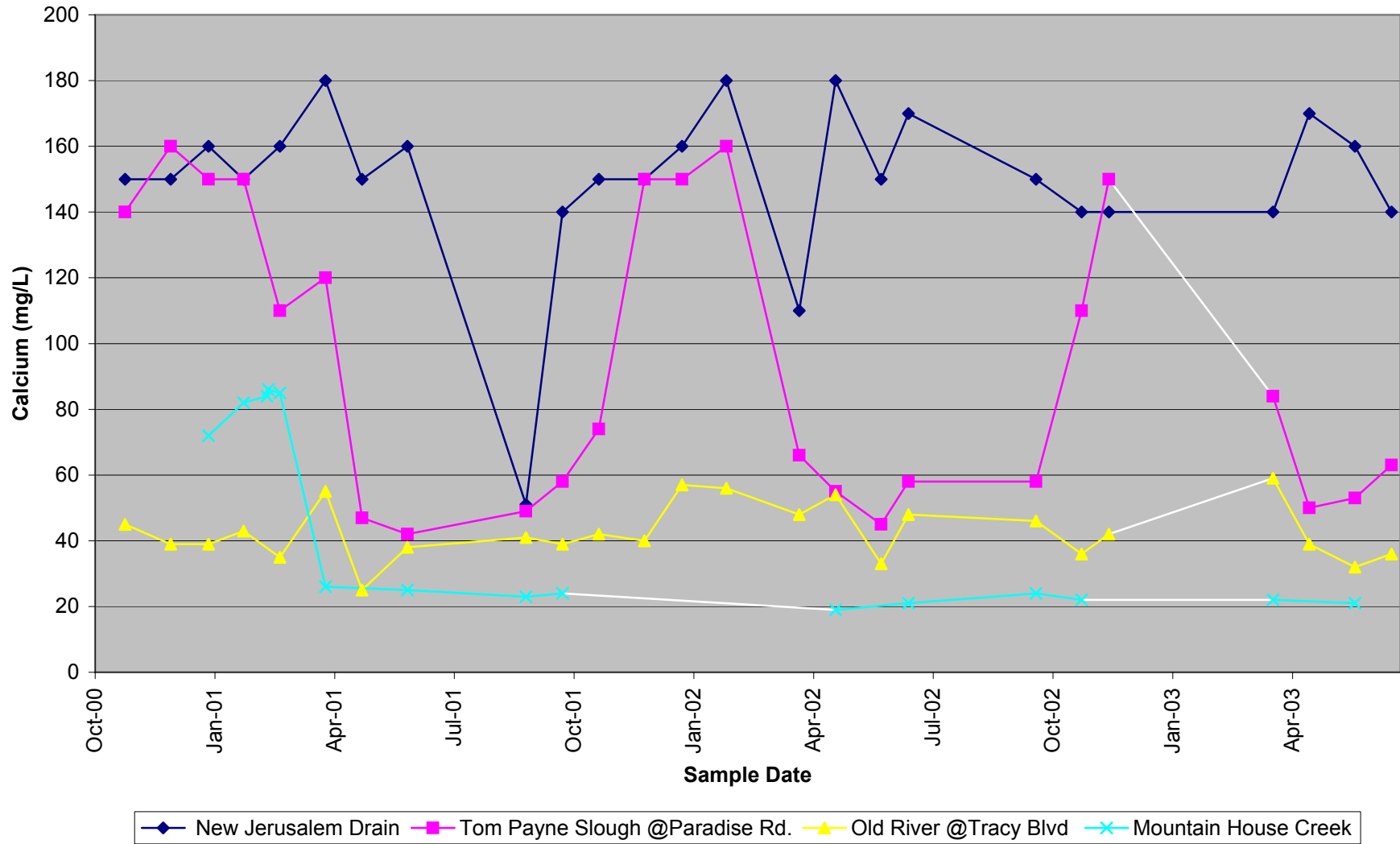
San Joaquin River Delta Basin Sulfate WY01-WY03



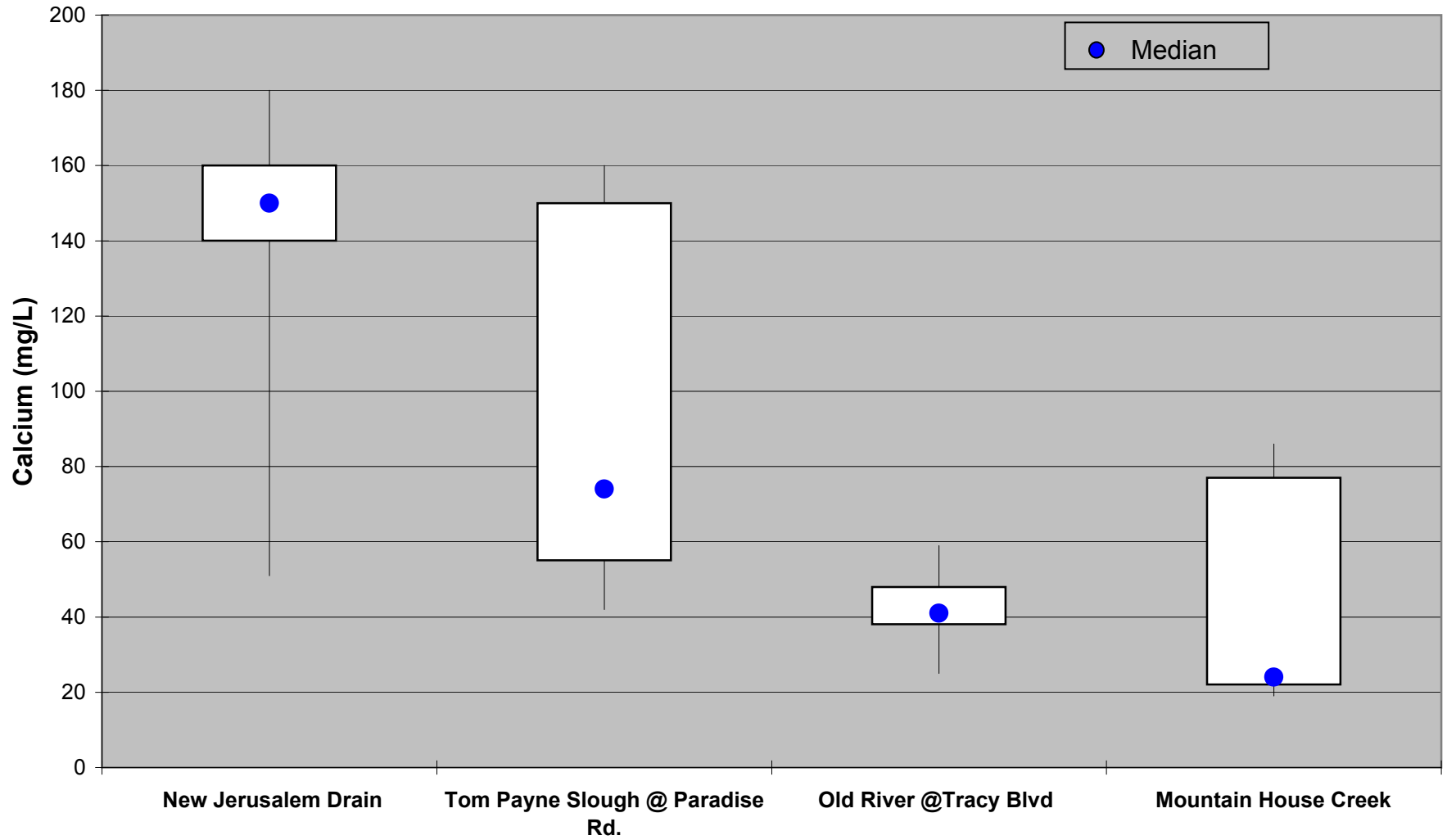
San Joaquin River South Delta Basin Sulfate WY01-WY03



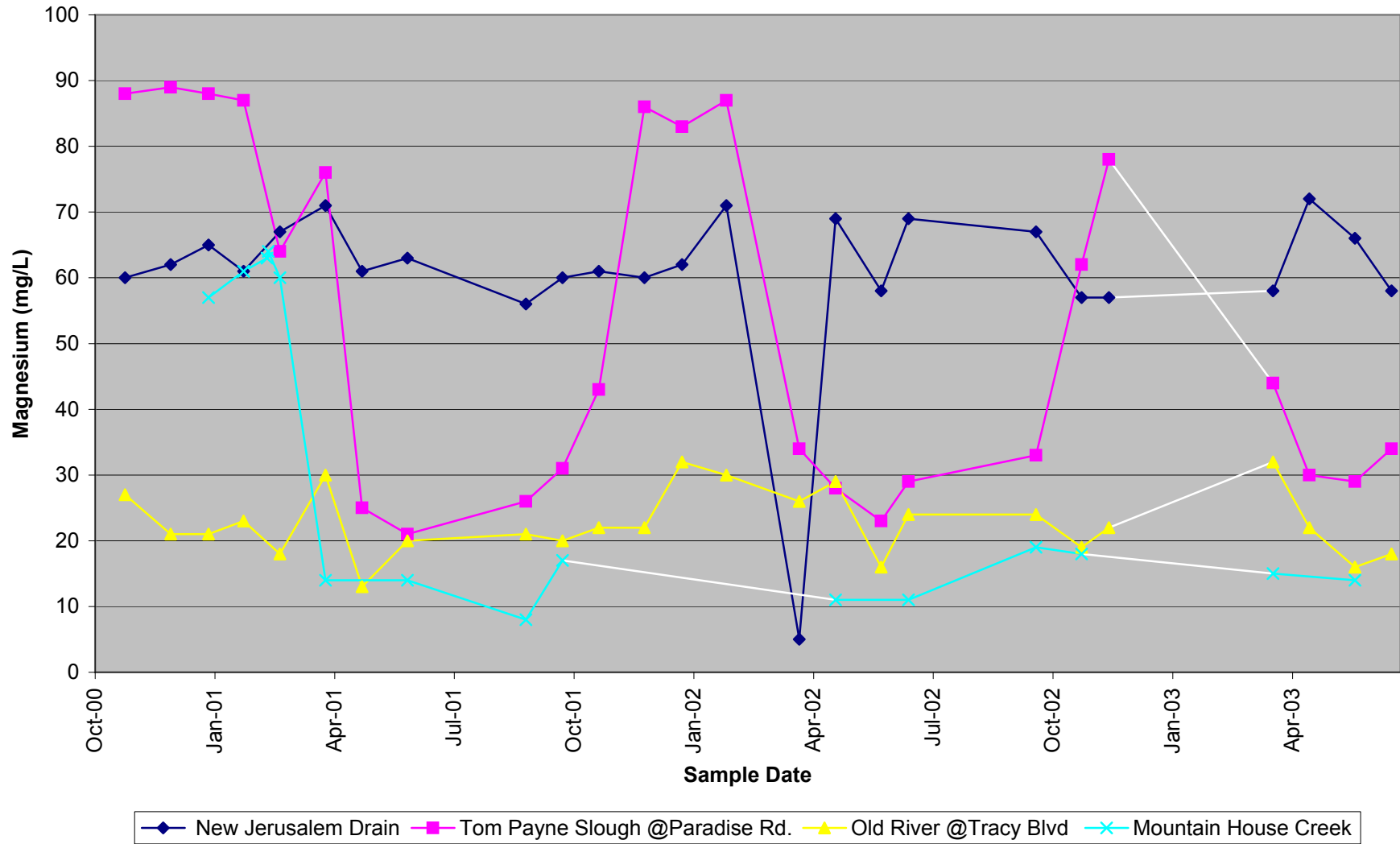
San Joaquin River Delta Basin Calcium WY01-WY03



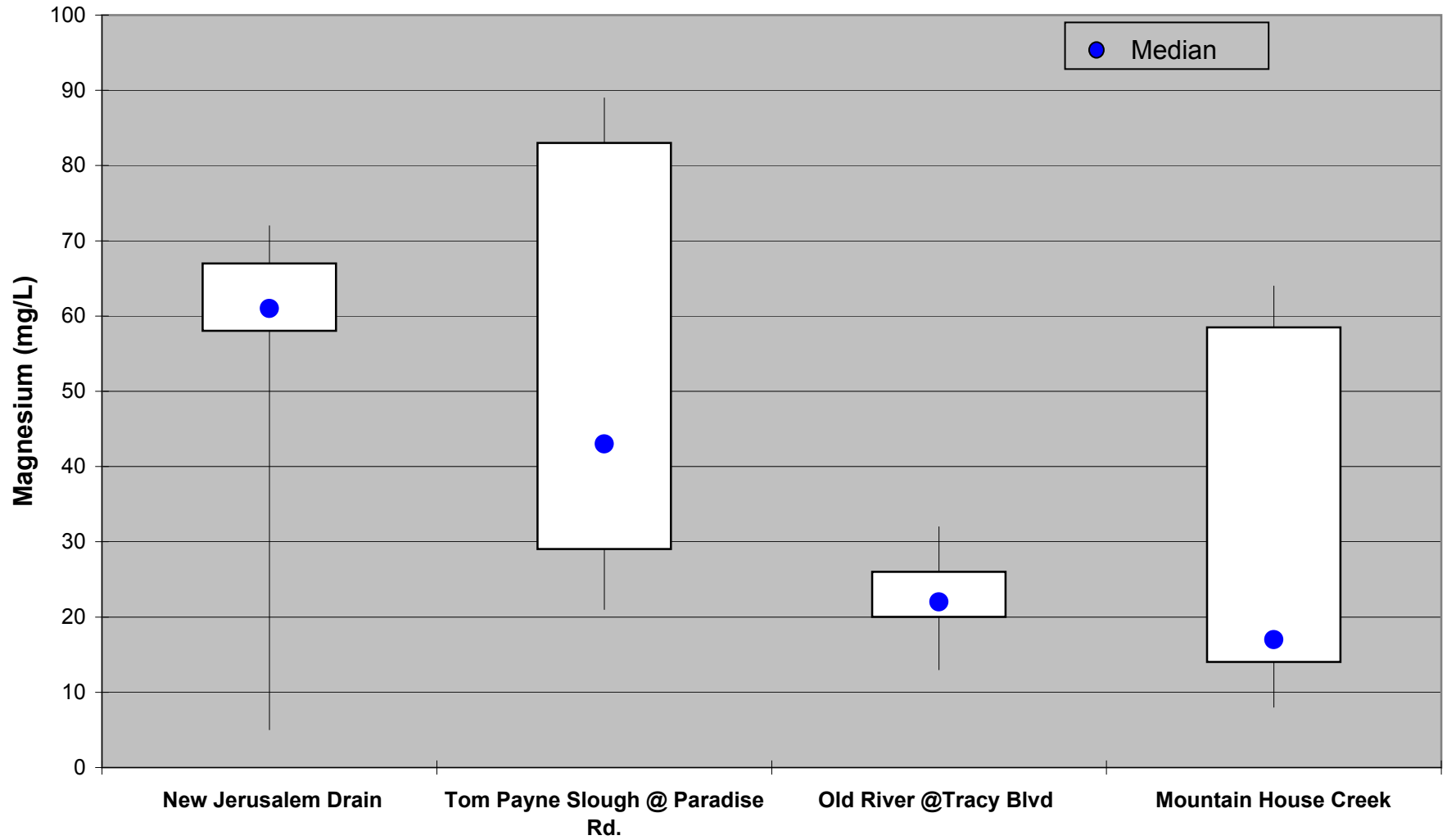
San Joaquin River South Delta Basin Calcium WY01-WY03



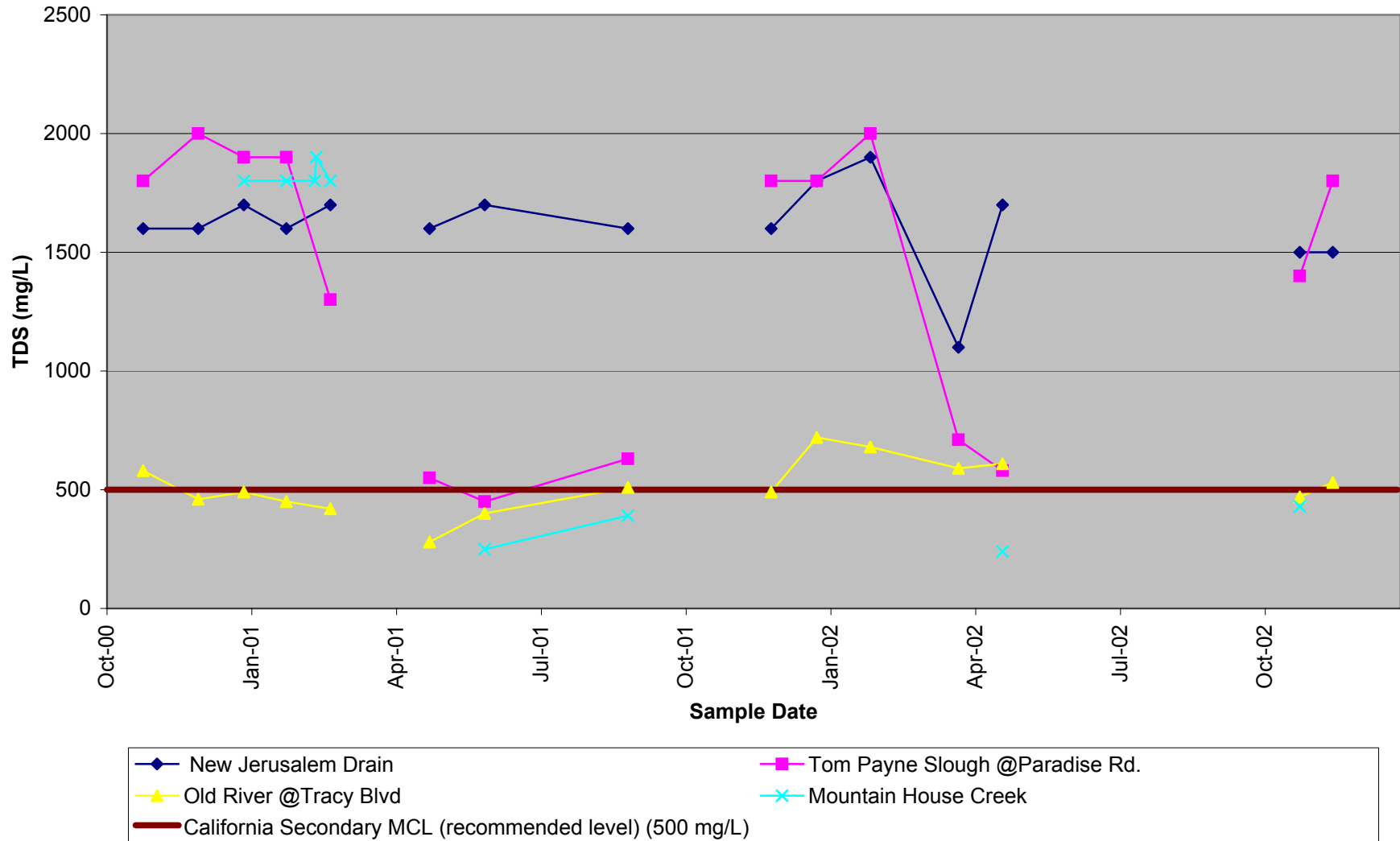
San Joaquin River Delta Basin Magnesium WY01-WY03



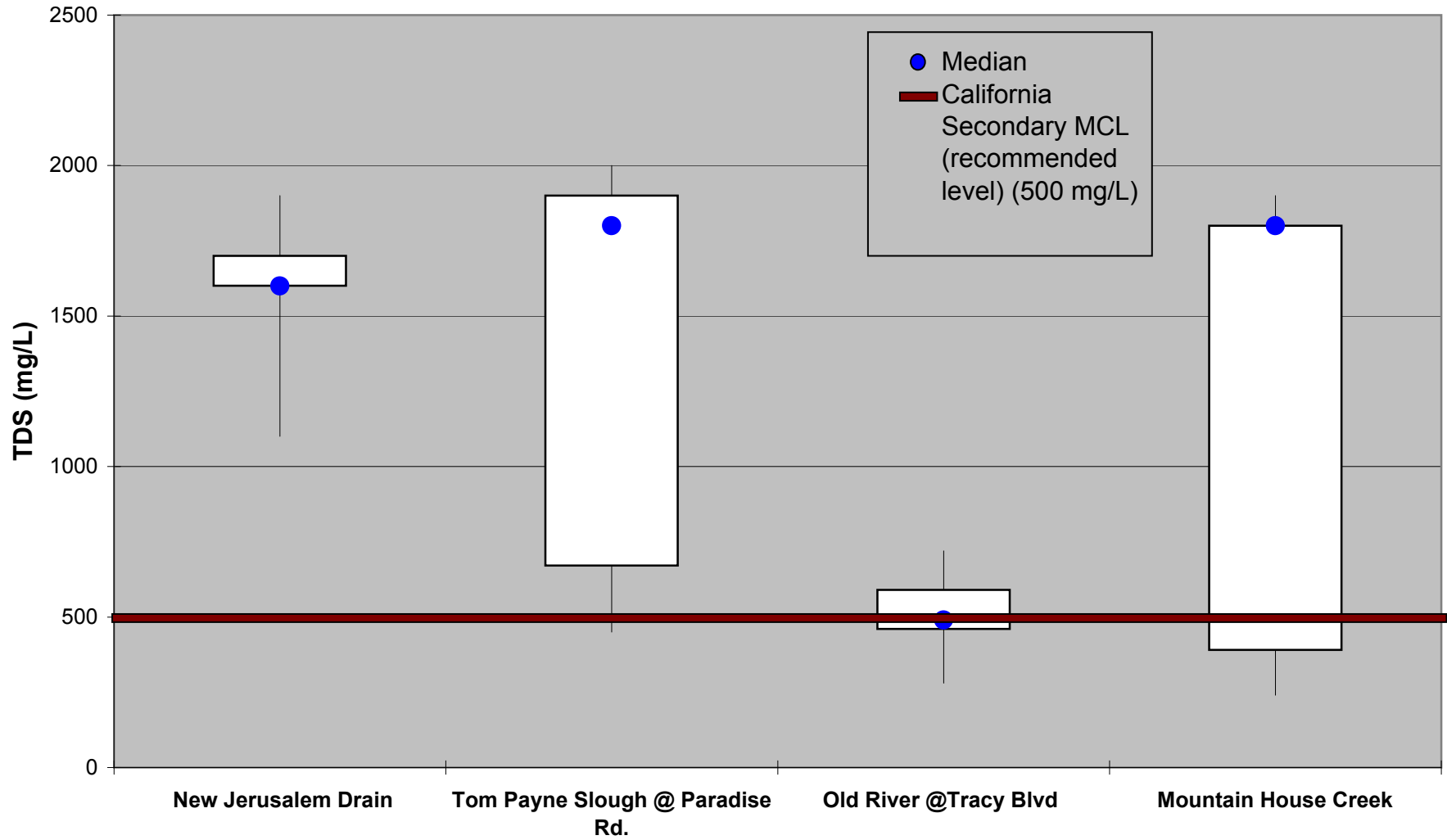
San Joaquin River South Delta Basin Magnesium WY01-WY03



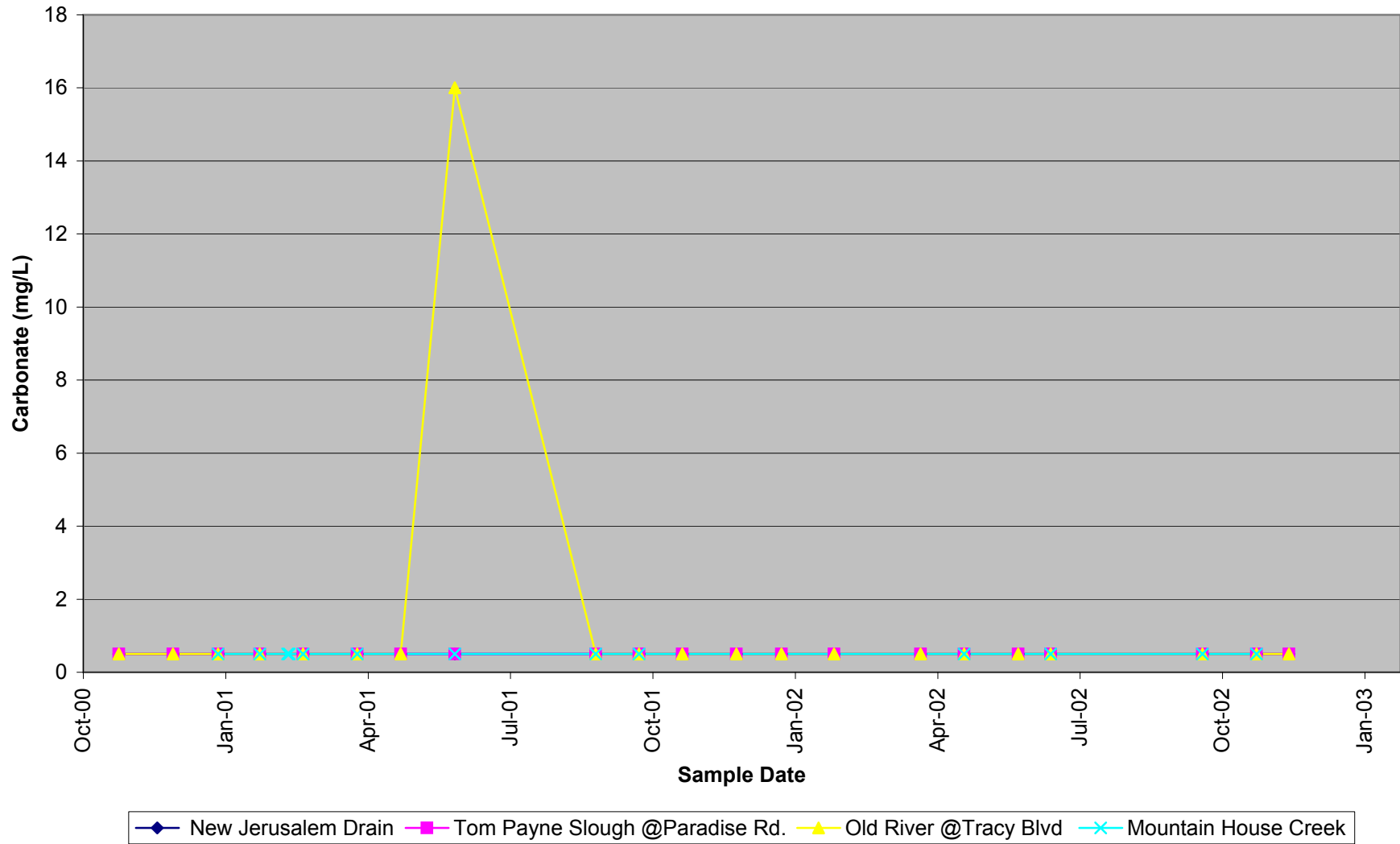
San Joaquin River Delta Basin Total Dissolved Solids WY01-WY03



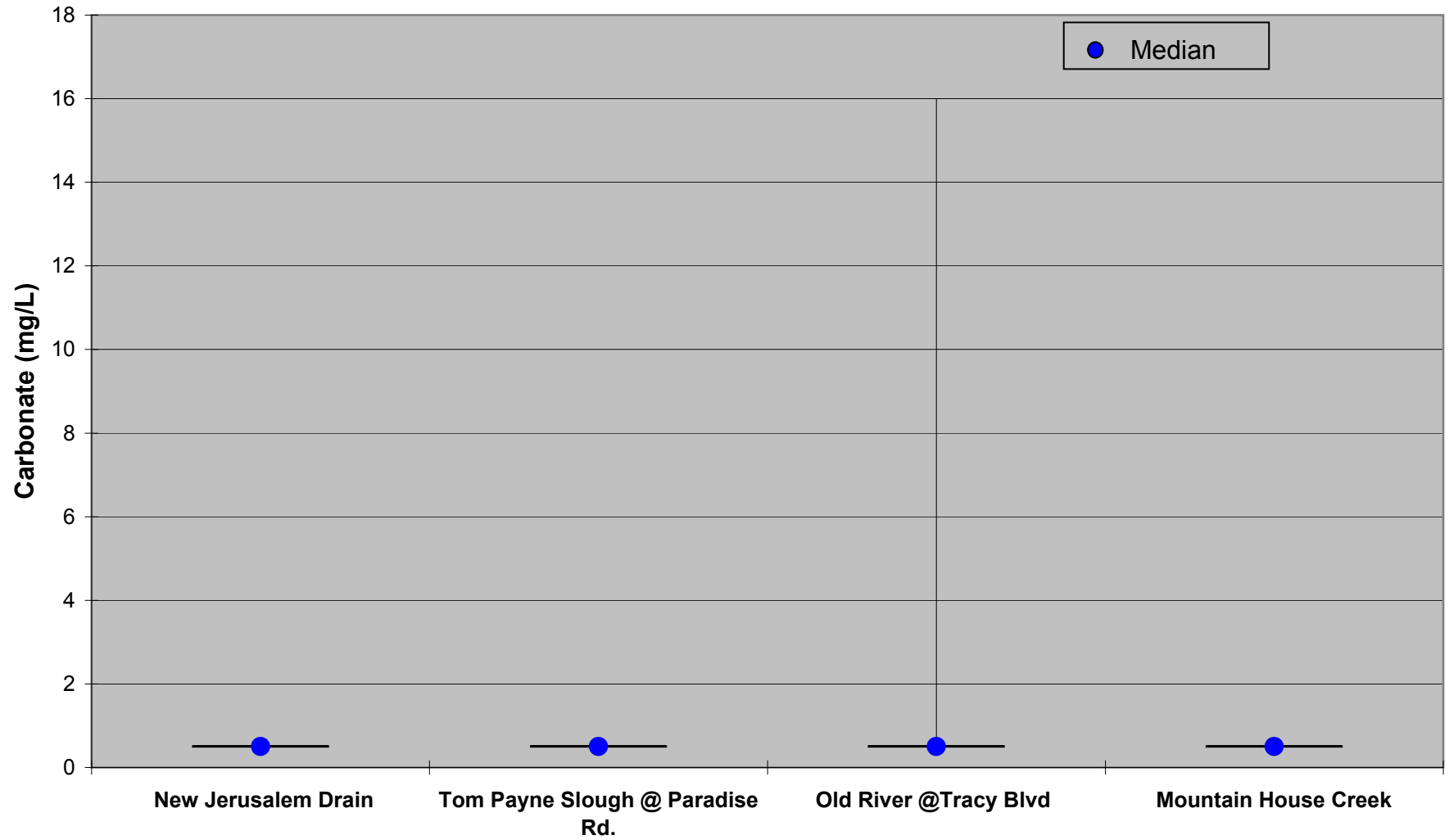
San Joaquin River South Delta Basin Total Dissolved Solids WY01-WY03



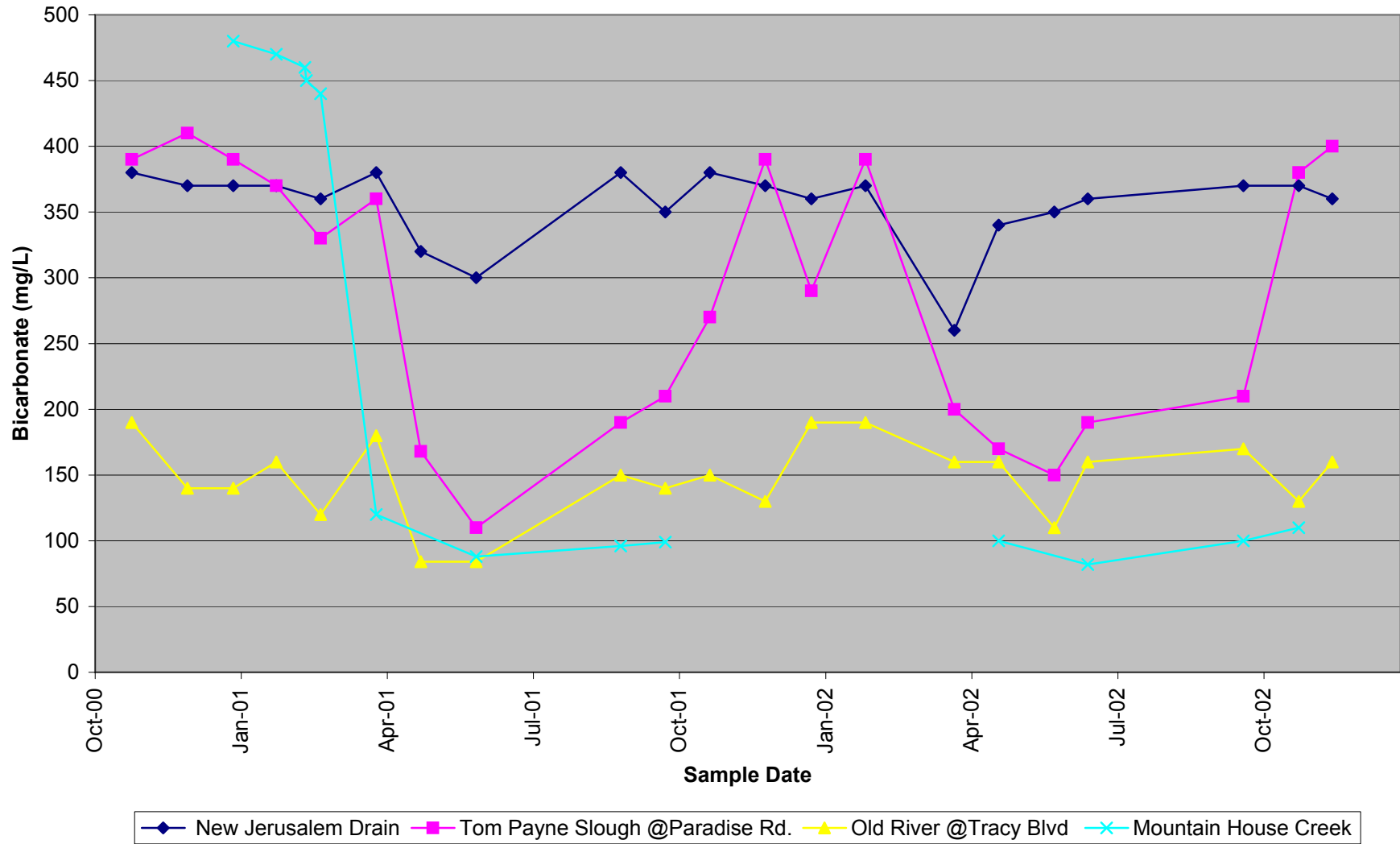
San Joaquin River Delta Basin Carbonate WY01-WY03



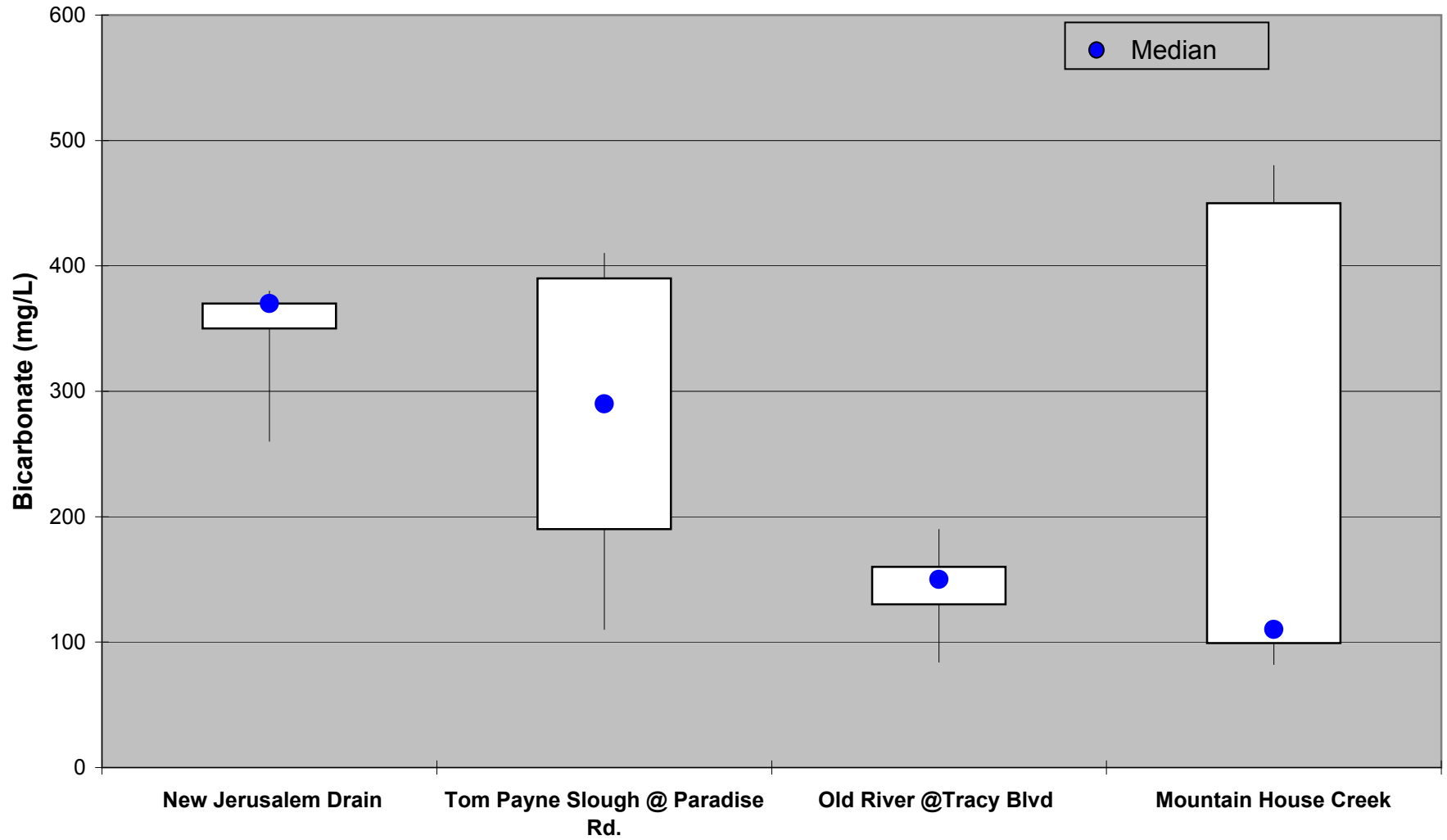
San Joaquin River South Delta Basin Carbonate WY01-WY03



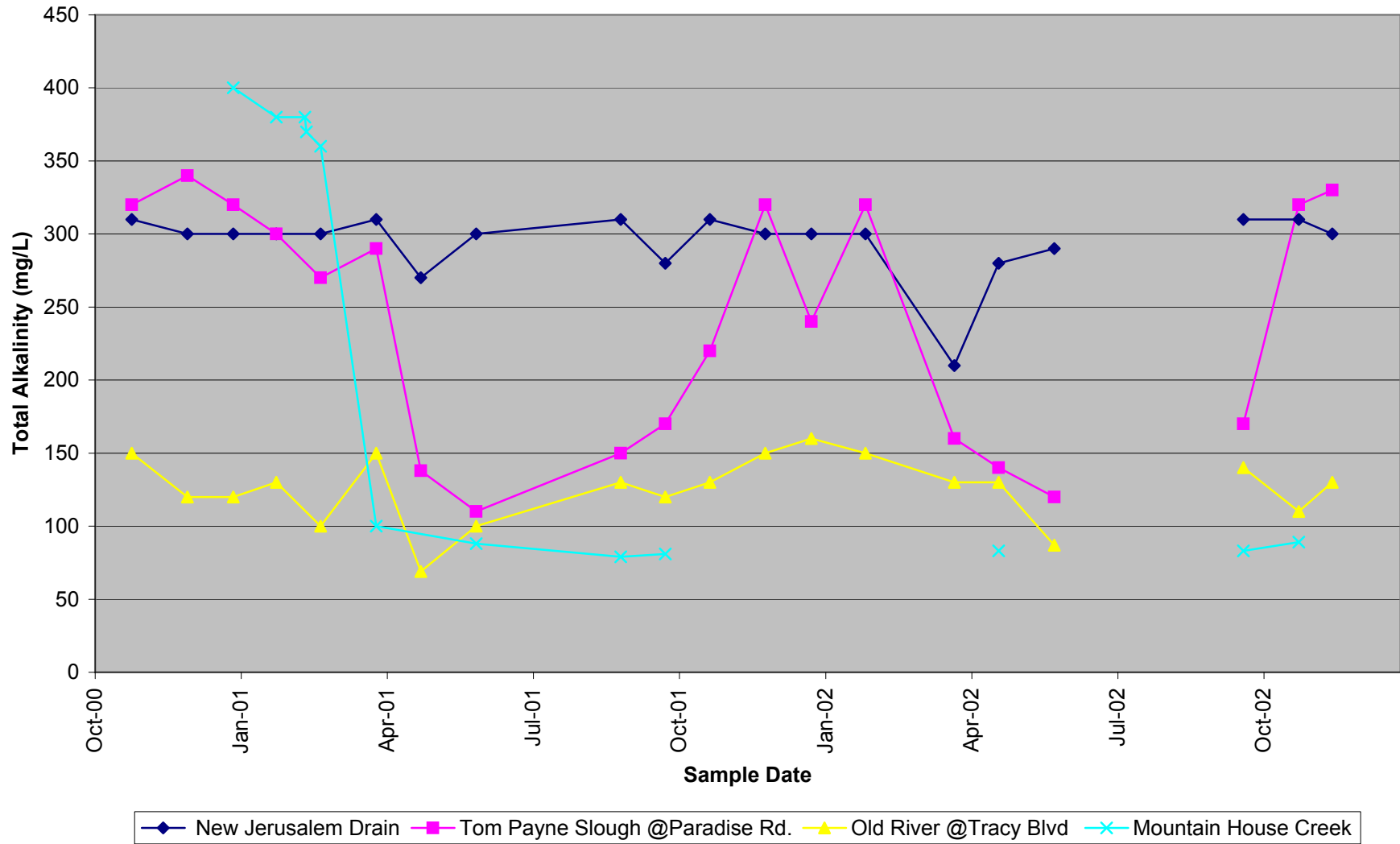
San Joaquin River Delta Basin Bicarbonate WY01-WY03



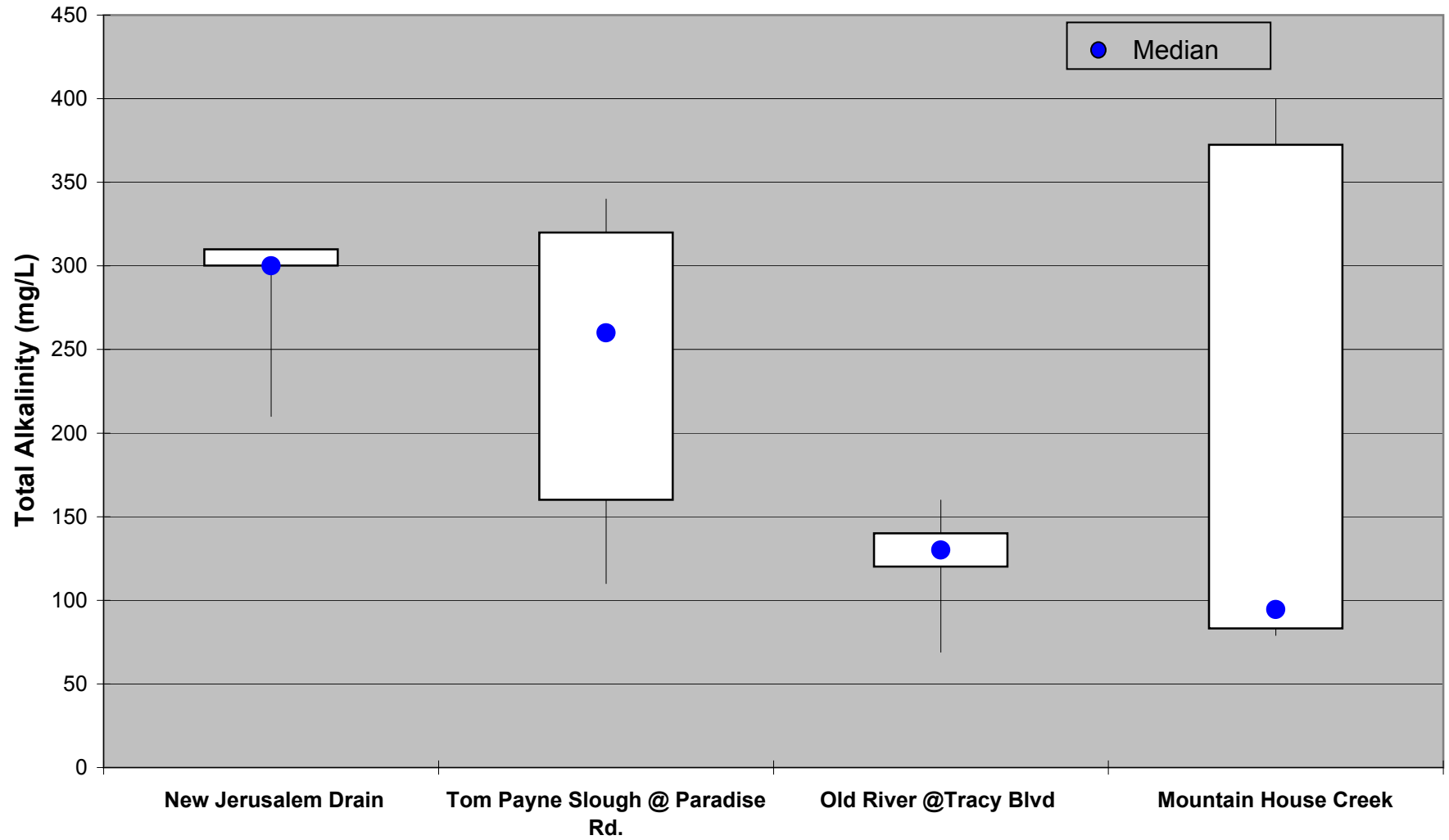
San Joaquin River South Delta Basin Bicarbonate WY01-WY03



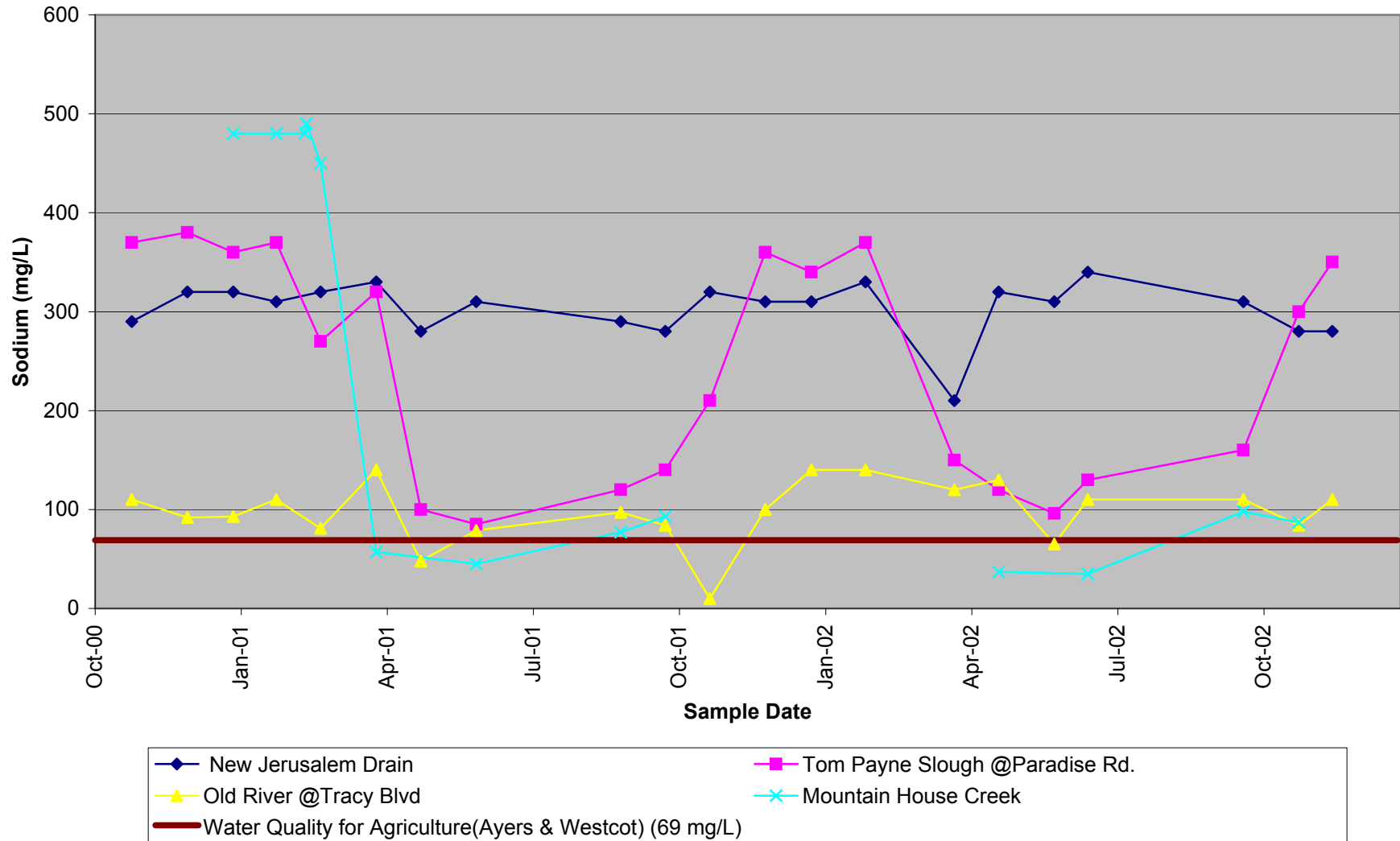
San Joaquin River Delta Basin Total Alkalinity WY01-WY03



San Joaquin River South Delta Basin Total Alkalinity WY01-WY03



San Joaquin River Delta Basin Sodium WY01-WY03



San Joaquin River South Delta Basin Sodium WY01-WY03

