|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 10/07/2009 pm - Pleasant 21-24C Bright Sunshine | | | | |  |  |  |
|  |  |  |  |  |  |  |  |
| Barometric Pressure=722 mm/mg | | | | Green - suggests good water quality | | |  |
| 100% DO= 8.54/21C | |  |  | Yellow - suggests moderate water quality | | | |
| [Rel Humidity=39-42%](http://docs.google.com/humidity.html) | | |  | Red - suggests poor water quality | | |  |
|  |  |  |  |  |  |  |  |
| Productivity Jars - not done | | |  |  |  |  |  |
| Light bottle/dark bottle | | |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Site | [DO](http://docs.google.com/do.html) | [Turbidity](http://docs.google.com/turbid.html) | [Conduct](http://docs.google.com/conduct.html) | [pH](http://docs.google.com/ph.html) | [Nitrate](http://docs.google.com/nitrate.html) |  |  |
|  | (ppm) | (NTUs) | (uS/cm) |  | (ppm) |  |  |
| [site 2](http://docs.google.com/arroyo/site2.html) | 7.8 | 135 | 316 | 6.2 | 1 |  |  |
| [site 6](http://docs.google.com/arroyo/site6.html) | 6.2 | 93 | 127 | 6 | 1 |  |  |
| [site 7](http://docs.google.com/arroyo/site7.html) | 7.6 | 18 | 52 | 6.7 | 1 |  |  |
| [site 8](http://docs.google.com/arroyo/site8.html) | 8.1 | 64 | 37 | 6.7 | 1 |  |  |
| [site 12](http://docs.google.com/arroyo/site12.html) | 8.4 | 21 | 26 | 6.6 | 1 |  |  |
| [site 14](http://docs.google.com/arroyo/site14.html) | 8.2 | 12 | 47 | 6.8 | 1 |  |  |
|  |  |  |  |  |  |  |  |
| Organisms counted | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| [**Dip Net**](http://docs.google.com/dipnet.html) |  |  | [**Seine Net**](http://docs.google.com/seine.html) | |  |  |  |
| [3 Damsel Fly](http://docs.google.com/field_guide/arthro/damsel.html) | |  | No Fish caught | |  |  |  |
| [1 Dragon fly](http://docs.google.com/field_guide/arthro/dragfly.html) | |  | Many [Mosquito fish](http://docs.google.com/field_guide/verts/gambusia.html) observed | | |  |  |
| [3 pouched Snails](http://docs.google.com/field_guide/invert/snail.html) | |  | [3 Black bass](http://docs.google.com/field_guide/verts/bass.html) observed | |  |  |  |
| [Mosquito fish](http://docs.google.com/field_guide/verts/gambusia.html) | |  | 1 fish with bright white flanks | | |  |  |
| [4 Baby Crayfish](http://docs.google.com/field_guide/arthro/crawdad.html) | |  |  |  |  |  |  |
| [Orb Snails](http://docs.google.com/field_guide/invert/snail2.html) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| [**Kick Net**](http://docs.google.com/kicknet.html) |  |  | *site 12* | *site 14* |  |  |  |
| [Damsel Fly Larva - 30+](http://docs.google.com/field_guide/arthro/damsel.html) | | | upper | upper |  |  |  |
| [Caddis Fly Larva - 8+](http://docs.google.com/field_guide/arthro/hydropys.html) | |  | many open [clam shells](http://docs.google.com/field_guide/invert/clam.html) | | |  |  |
| [Flatworm 8](http://docs.google.com/field_guide/invert/planaria.html) |  |  | large mats of algae | |  |  |  |
| [MayfFly Larva 5+](http://docs.google.com/field_guide/arthro/mayfly.html) | |  | substantial black organic matter on bottom | | | |  |
| [Amphipods - 100s](http://docs.google.com/field_guide/arthro/amphipod.html) | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| [**Plankton Net**](http://docs.google.com/plankton_net.html) | |  |  |  |  |  |  |
| misc algae |  |  | Zooplankton | |  |  |  |
| [amphipods](http://docs.google.com/field_guide/arthro/amphipod.html) |  |  | Zooplankton Content Low | | |  |  |
| [midge fly larva](http://docs.google.com/field_guide/arthro/midge.html) | |  | [Cyclops](http://docs.google.com/field_guide/arthro/cyclops.html) | [Ostracod](http://docs.google.com/field_guide/arthro/ostracod.html) | [Daphnia](http://docs.google.com/field_guide/arthro/daphnia.html) |  |  |
| [mayfly larvae](http://docs.google.com/field_guide/arthro/mayfly.html) | |  |  |  |  |  |  |
| [flatworms](http://docs.google.com/field_guide/invert/planaria.html) |  |  | Phytoplankton | |  |  |  |
| [leech](http://docs.google.com/field_guide/invert/leech.html) |  |  | Diatom Content Low | |  |  |  |
| [mosquito fish](http://docs.google.com/field_guide/verts/gambusia.html) | |  | [Spirogyra](http://docs.google.com/field_guide/protista/spirogyra.html) |  |  |  |  |
| [cyclops](http://docs.google.com/field_guide/arthro/cyclops.html) |  |  | [Tabellaria](http://docs.google.com/field_guide/protista/tabellar.html) |  |  |  |  |
| [ostracod](http://docs.google.com/field_guide/arthro/ostracod.html) |  |  | [Cymbella](http://docs.google.com/field_guide/protista/cymbella.html) |  |  |  |  |
| [Daphnia](http://docs.google.com/field_guide/arthro/daphnia.html) |  |  | [Zygnema](http://docs.google.com/field_guide/protista/zygnema.html) |  |  |  |  |