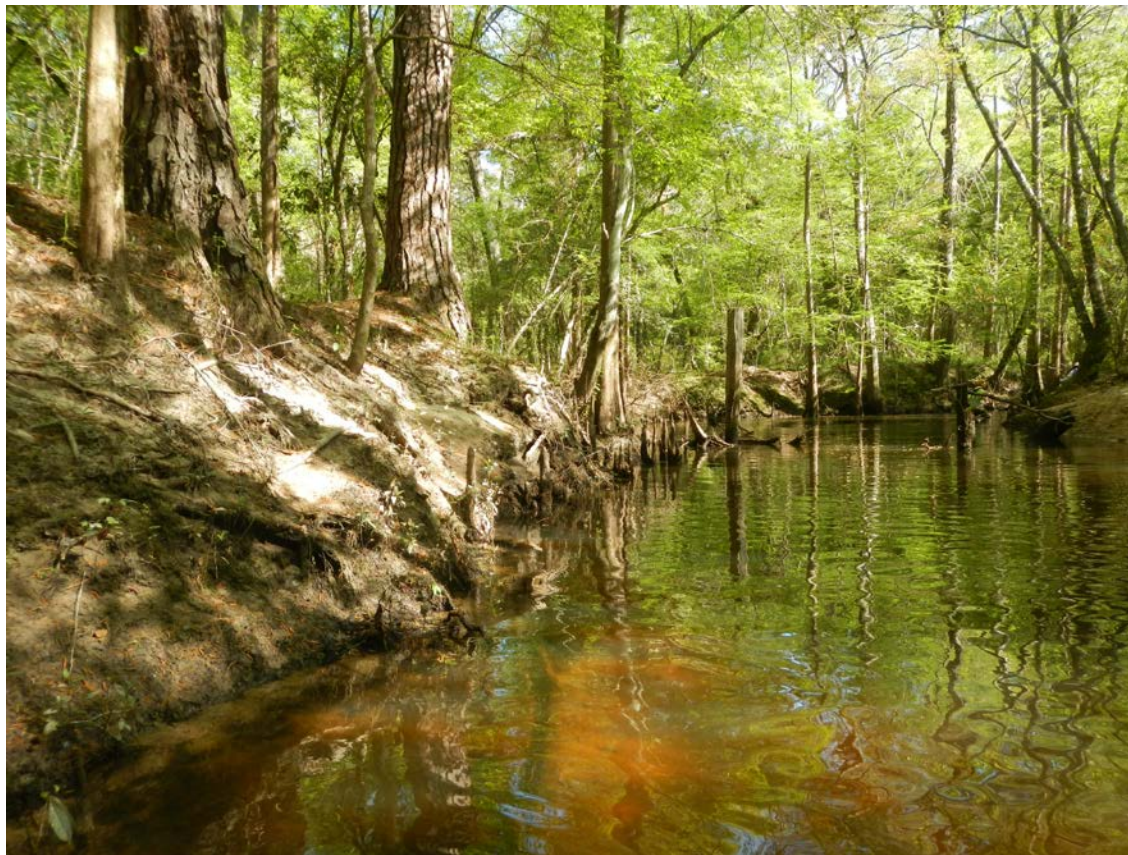




Florida Department of Environmental Protection

North Florida Habitat Assessment Benchmark Sites



Aquatic Ecology and Quality Assurance

March 2018

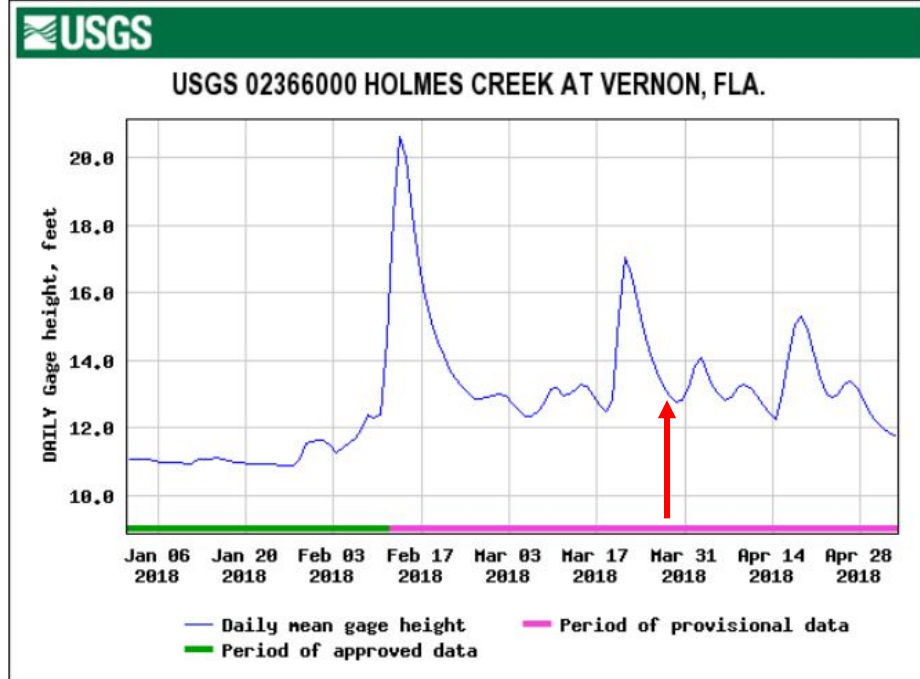
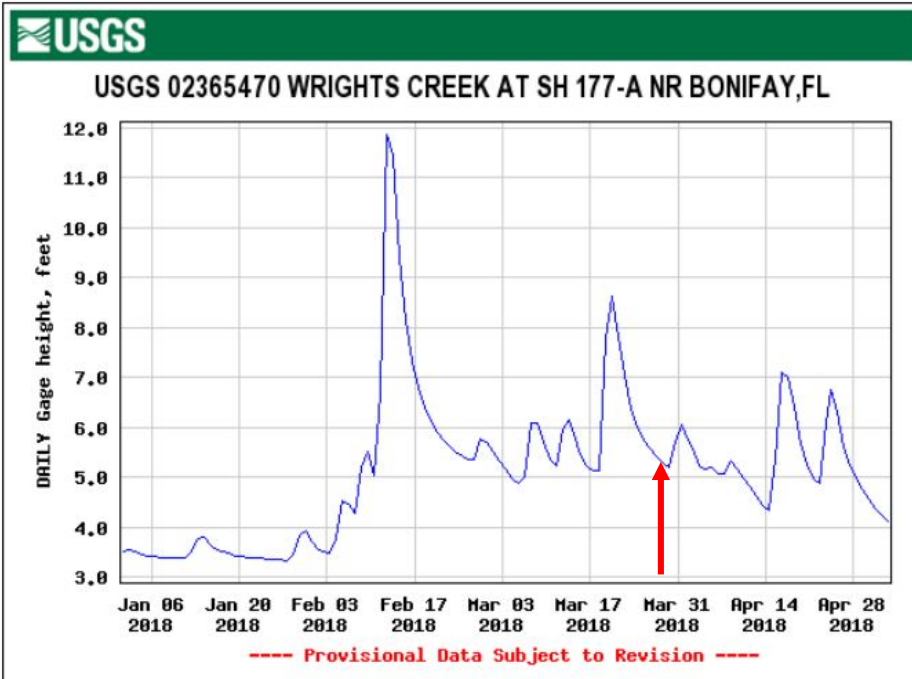


Procedure

- Evaluate each site per SOP FT3100, "Stream and River Habitat Assessment," using forms FD9000-3, FD9000-4, and FD9000-5. It is recommended that you use the most current editions of the forms and the SOP, found here:
<http://www.dep.state.fl.us/water/sas/qa/forms.htm>
- **Work independently.**
- Submit all completed forms to your QA officer, who will send the forms to the FDEP Aquatic Ecology and Quality Assurance (AEQA) Section in Tallahassee.
- The range for a passing score is +/- 10 points from the predetermined consensus score. However, consideration will be given to scores outside this range if they were legitimately caused by different conditions at the time of sampling compared to conditions when the consensus score was decided (i.e. higher/lower water level, velocity, etc.).
- Analysts must pass 3 Habitat Assessments every 2 years .
- Once scores have been reviewed, analysts will receive notice of passing or failing from the AEQA Section.
- Analysts should take photos to document stream conditions at the time of assessment. Photos may be submitted to AEQA after initial determination of passing/failing if an analyst believes his/her score for a given site is out of the +/- 10 point range due to justifiable reasons.



Area Hydrographs



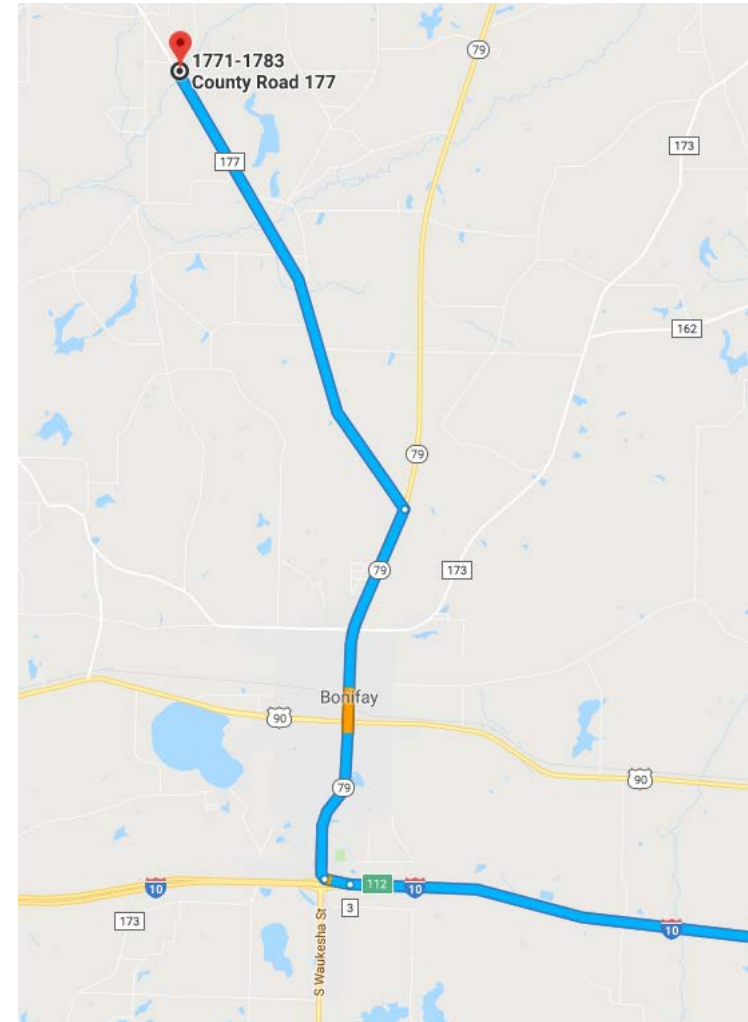
The consensus scores for these North Region sites were established on March 28, 2018. Above is the gage height data for area streams during that time period. If you conduct habitat assessment at these sites at different water levels, be sure to document current conditions.

Graph courtesy of the US Geological Survey.



Ten Mile Creek @ SR 177

- **Region:** North
- **County:** Holmes
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 112 for FL-79 toward Bonifay. Turn onto FL-79 N/S Waukesha St (signs for Bonifay). In approximately 4.2 miles, turn left onto Co Rd 177. In approximately 5.4 miles, destination will be on the right.





Ten Mile Creek @ SR 177

- **Directions:** Park on the NE side of bridge.
- 0m mark is about 30m upstream of bridge.



Parking area on NE side of bridge.



Looking upstream from 0 m mark.



Ten Mile Creek @ SR 177

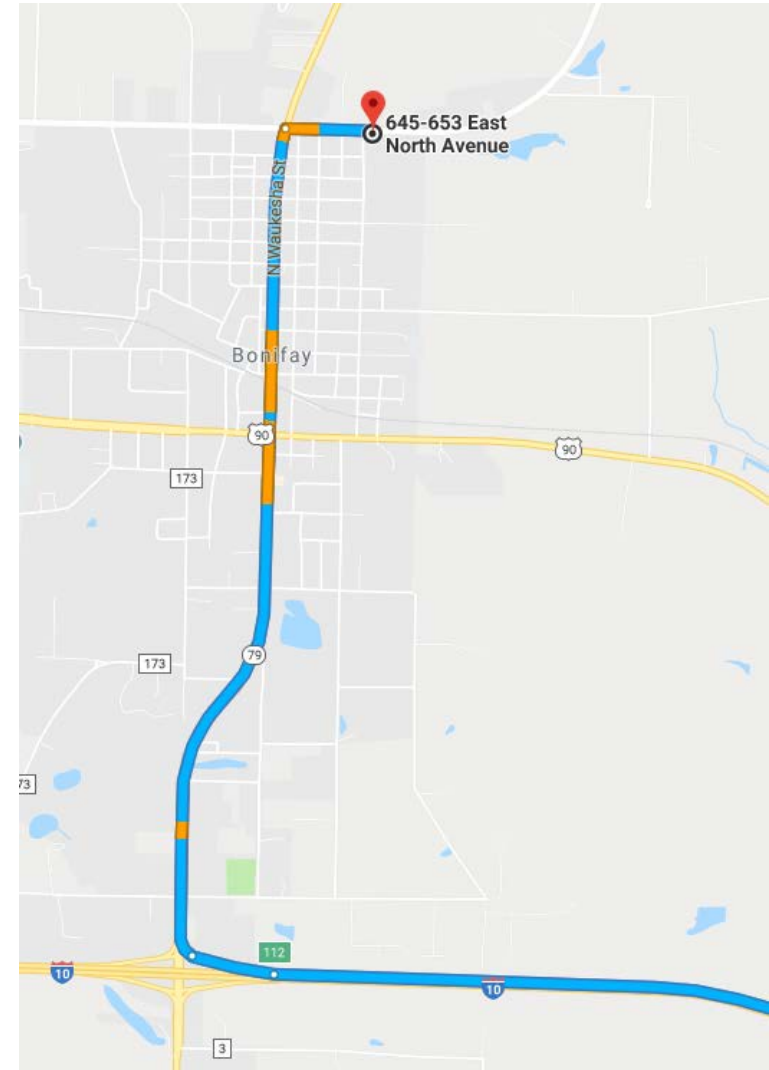


Ten Mile Creek looking upstream



Camp Branch @ North Ave.

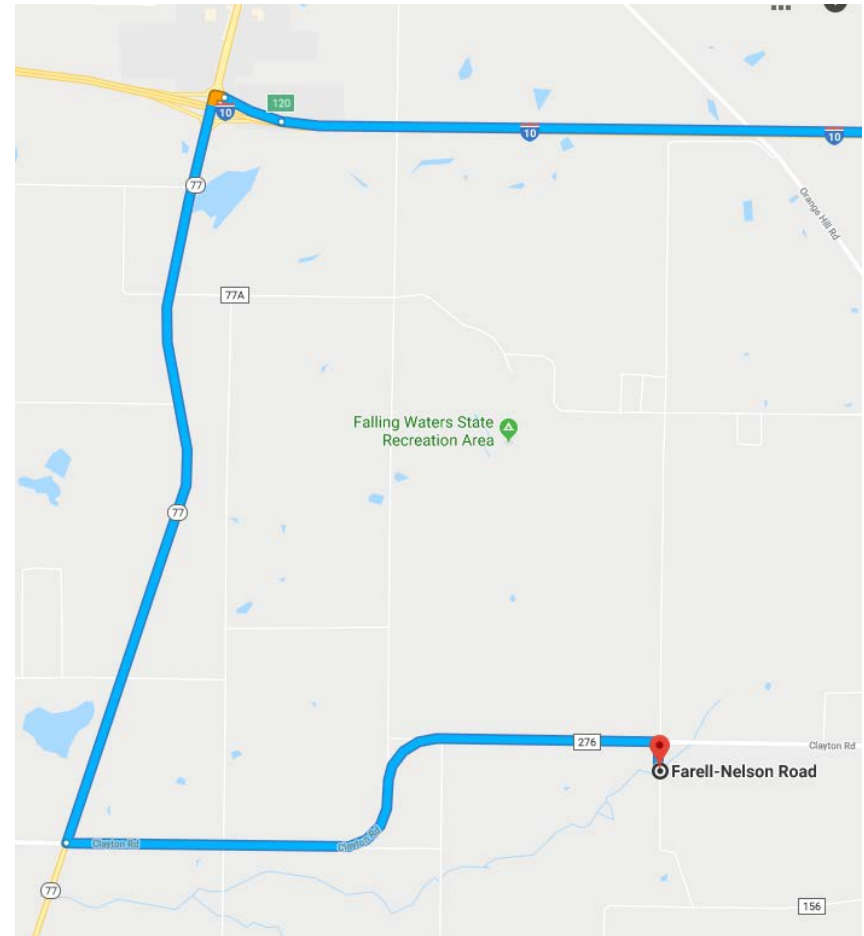
- **Region:** North
- **County:** Holmes
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 112 for FL-79 toward Bonifay/Panama City Beach. Turn onto FL-79 N/S Waukesha St (signs for Bonifay). In approximately 2.8 miles, turn right only E North Ave. In approximately 0.3 miles, your destination will be on the right.





Flat Creek @ Farrell Nelson Rd.

- **Region:** North
- **County:** Washington
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 W or E, take exit 120 for FL-77 toward Panama City/Chipley. Turn onto FL-77 S (signs for Panama City). In approximately 3.6 miles, turn left onto Clayton Rd. In approximately 3.0 miles, turn right onto Farrell Nelson Rd. In about 0.1 miles, destination will be on the left.





Camp Branch @ North Ave.

- **Directions:** Park on either side of the road. 100 m mark about 20 m downstream of bridge.



Photo taken from North Ave, looking toward Camp Branch.



100 m mark about 20 m below bridge



Camp Branch @ North Ave.



Camp Branch looking upstream from 0 m mark.

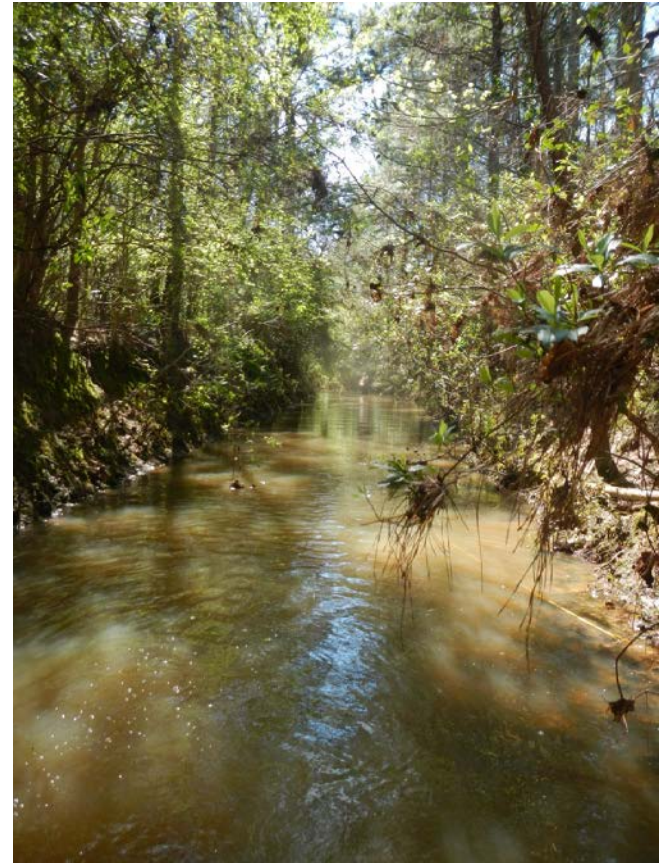


Flat Creek @ Farrell Nelson Rd.

- **Directions:** Park on SW side of the road.
0 m mark about 30 m above bridge.



Site is upstream of bridge.



Looking upstream from 0 m mark.



Flat Creek @ Farrell Nelson Rd.

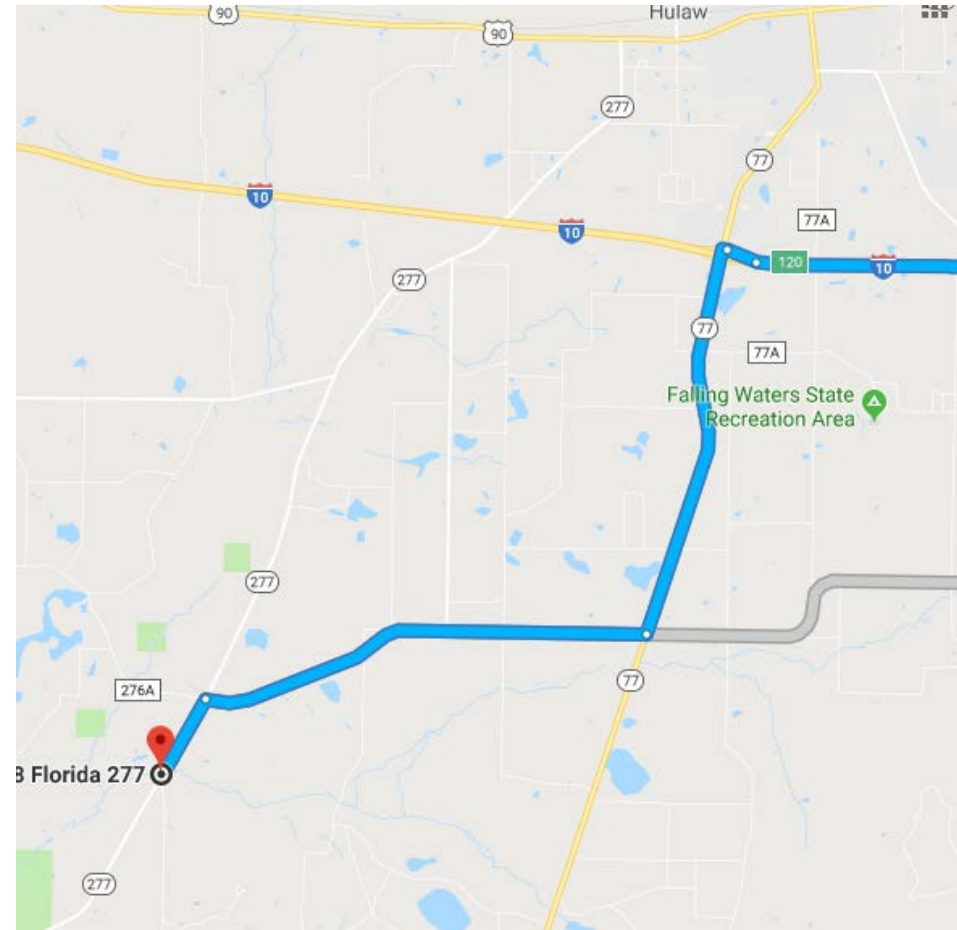


Looking upstream from bridge



Hard Labor Creek @ SR 277

- **Region:** North
- **County:** Washington
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 120 for FL-77 toward Panama City/Chipley. Take FL-77 S (signs for Panama City). In approximately 3.6 miles, turn right onto Clayton Rd. In approximately 4.1 miles, turn left onto FL-277 S. In about 0.8 miles, your destination will be on the right.





Hard Labor Creek @ SR 277

- **Directions:** Park on SW side of bridge.
- 100 m mark about 30 m below bridge.
- Note: Sampling should not be attempted at water levels higher than on 3/28/2018 (safety and accessibility issues) and ideally be sampled at lower levels. Samplers can cross at 0m, and hug left bank for first half, then cross and walk in middle/right.



Park on SW side of bridge.



looking upstream from 0 m mark.



Hard Labor @ SR 277

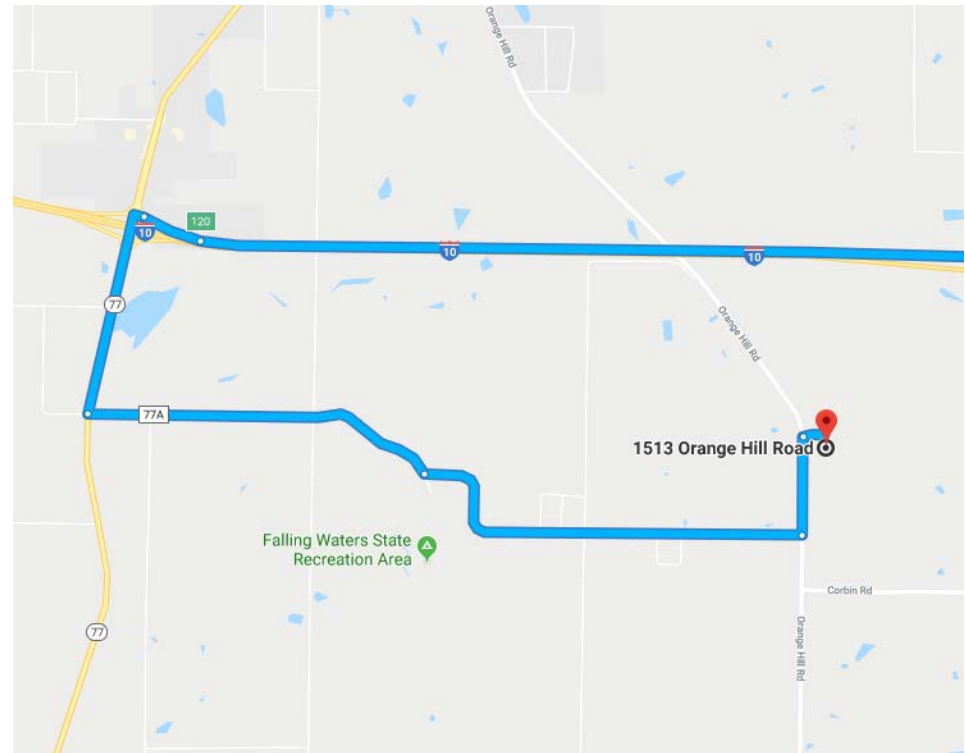


100 m mark looking upstream



Flat Creek @ SR 273

- **Region:** North
- **County:** Washington
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 120 for FL-77 toward Panama City/Chipley. Turn onto FL-77 S (signs for Panama City). In approximately 1 mile, turn left onto State Park Rd. In approximately 1.7 miles, turn left onto Joiner Rd. In about 1.9 miles, turn left onto Orange Hill Rd (273). In approximately 0.4 miles, your destination will be on the right.





Flat Creek @ SR 273

- **Directions:** Park on NE side of road. 0 m mark about 20 m upstream from road.



Park on NE side of road (yellow star). Arrow is stream entrance.



Looking upstream from 0 m mark.



Flat Creek @ SR 273



Flat Creek at SR 273 looking upstream