2018 BLACK RIVER MAPPING

RACOG
RIVER AREA COUNCIL OF GOVERNMENTS
2018 BLACK RIVER MAPPING

Section 1
River Segment: Lowville to Castorland
Length: 11.7 Miles
Beginning Boat Launch: Beach’s Bridge
Ending Boat Launch: Route 410, Castorland
Mapping Dates: 6/8/18 & 6/15/18
Boonville Water Gage Height: 6/8/18 @ 12:00 – 4.39, 6/15/18 @ 12:00 – 4.25
Watertown Water Gage Height: 6/8/18 @ 12:00 – 3.54, 6/15/18 @ 12:00 – 3.15

Section 2
River Segment: Castorland to Carthage
Length: 10 Miles
Beginning Boat Launch: Route 410, Castorland
Ending Boat Launch: West Carthage
Mapping Dates: 6/29/18
Boonville Water Gage Height: 6/29/18 @ 12:00 – 4.12
Watertown Water Gage Height: 6/29/18 @ 12:00 – 3.31
BLACK RIVER MAPPING
Lowville to Castorland

Eagle Sighting
Black River Navigation Hazards
- Navigation Hazards

Navigation Depth
- Shallow Depth
- Deeper Depth
BLACK RIVER NAVIGATION HAZARDS
Lowville to Castorland

42. Boulders
43. Gravel/Shoals
44. Debris
45. Debris
46. Debris
47. No Picture
48. Debris
49. Boulders/Abutments
BLACK RIVER NAVIGATION HAZARDS
Castorland to Carthage

Debris
2018 BLACK RIVER MAPPING

Information

Equipment

- Bluetooth Depth Finder
- Bluetooth GPS
- GIS Cloud Mobile Data Collecting App
- Kayak Rig (For Depth Finder & GPS)

Navigation Hazards

- Woody Debris
- Gravel Shoals
- Boulders/Abutments/Piles
- Shallow River Depths
- Always Changing Debris Areas

Movement Vulnerability

Debris (Woody) – High vulnerability of being moved by the river flow.
Gravel Shoals – Moderate vulnerability of shifting patterns in the river.
Boulders/Abutments/Piles – Low vulnerability of being moved by the river flow.

The river depths are always changing, so it is hard to predict when certain areas will become a hazard to boats, especially for motorized boats. Also, navigation hazards, like debris, can change from month to month in some cases, depending on river flow at different times throughout the year. It is important to understand that this document is just for reference and that these hazards are always changing, even the shoals.

Mapping was completed with the assistance of Mickey Dietrich, RACOG Municipal Management Consultant, NYS Tug Hill Commission and intern Seth Lapp.