

US EPA ARCHIVE DOCUMENT



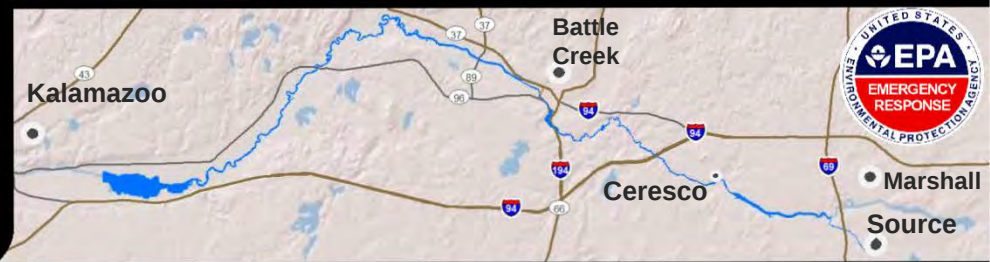
Situation Update

February 6, 2013

Source Area

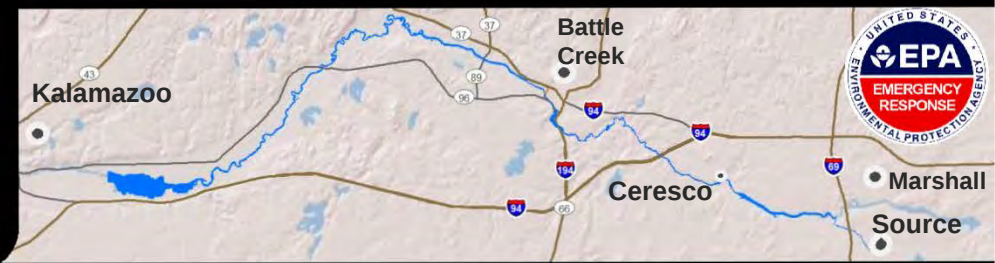
Icing Conditions

01.31.2013



Frac Tank City

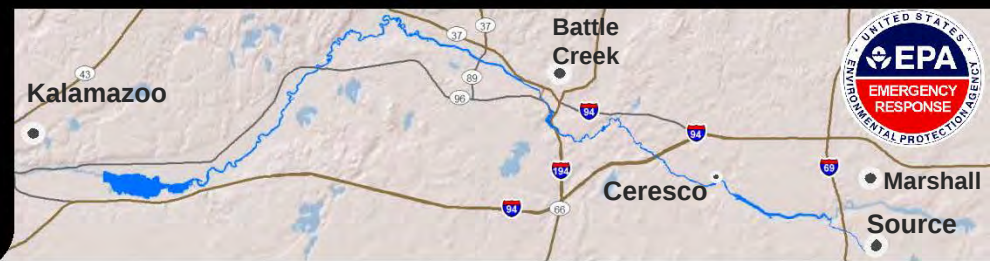
Dewatering Activities
01.30.2013



Frac Tank City

Placement of Poly Liner

02.01.2013



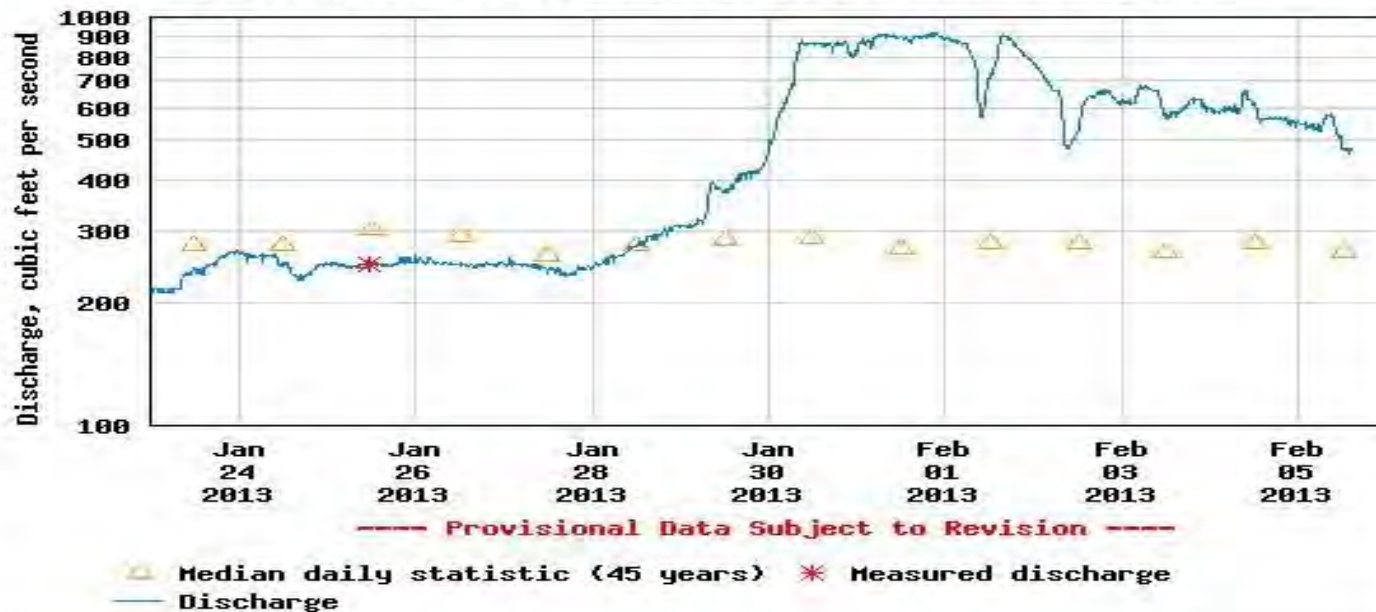
Kalamazoo River Flow Rates

Marshall USGS Gauge

Jan. 23, 2013 to Feb. 5, 2013



USGS 04103500 KALAMAZOO RIVER AT MARSHALL, MI



Kalamazoo River Flow Rates

Battle Creek USGS Gauge
Jan. 23, 2013 to Feb. 5, 2013



USGS 04105500 KALAMAZOO RIVER NEAR BATTLE CREEK, MI



----- Provisional Data Subject to Revision -----



Median daily statistic (75 years)

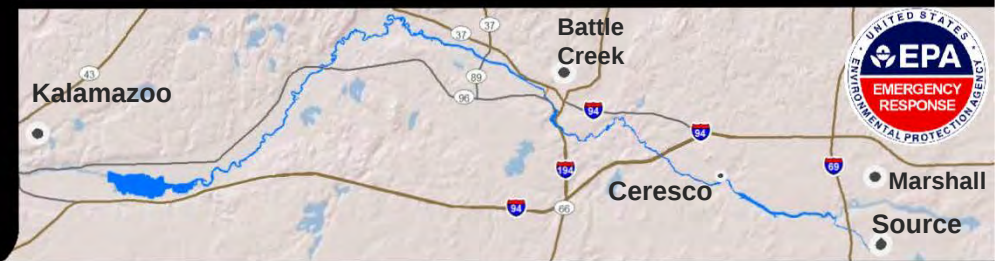
* Measured discharge

— Discharge

River Icing Conditions

Ceresco Dam Impoundment

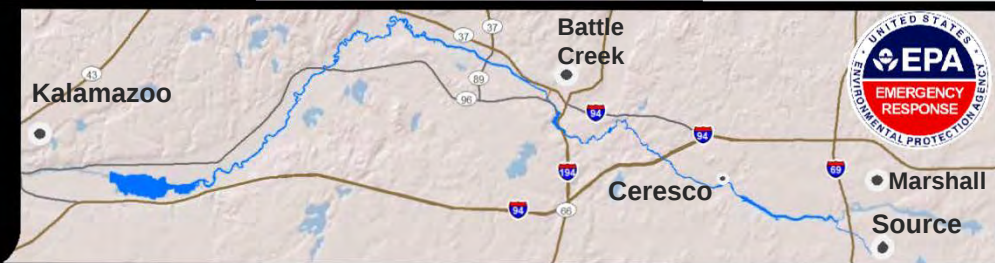
01.30.2013



River Icing Conditions

Ceresco Dam Impoundment

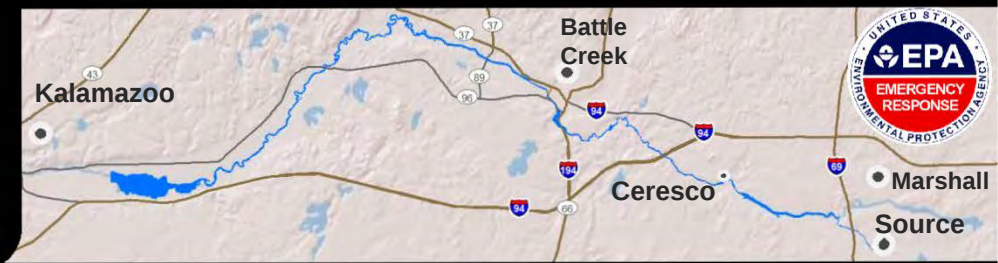
01.31.2013



River Icing Conditions

Ceresco Dam Impoundment

02.05.2013



Residence

Call Regarding Brown Ice at
Residence at Ceresco
02.01.2013



Residence

Sample of brown ice collected on 02-01-2013. No oil or sheen observed on water. Brown color due to organic matter in ice.



River Icing Conditions

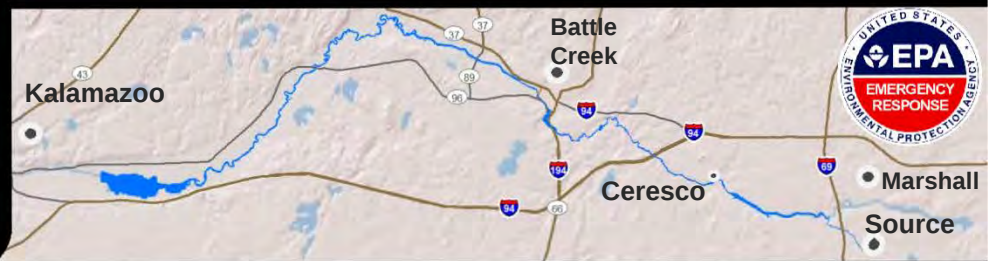
C3.2 Boat Launch

01.30.2013



River Icing Conditions

C3.2 Boat Launch
02.04.2013



River Icing Conditions

South Mill Pond – MP 15.25

01.30.2013



River Icing Conditions

South Mill Pond – MP 15.25

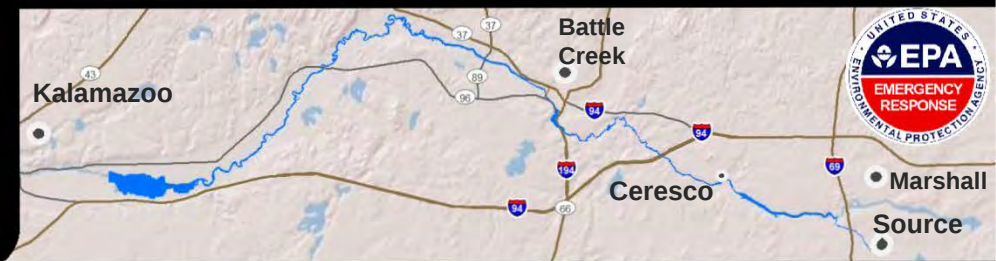
02.05.2013



River Icing Conditions

North Mill Pond – MP 15.5

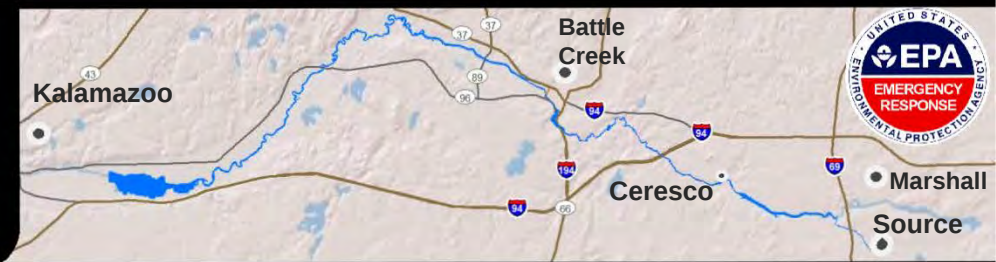
01.30.2013



River Icing Conditions

North Mill Pond – MP 15.5

02.05.2013



River Icing Conditions

North Mill Pond – MP 15.5

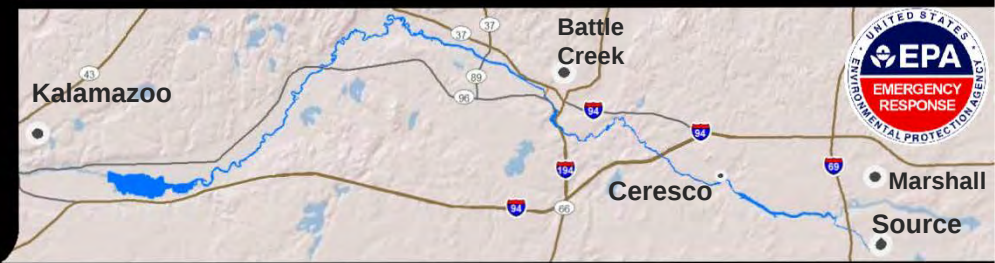
01.30.2013



River Icing Conditions

North Mill Pond – MP 15.5

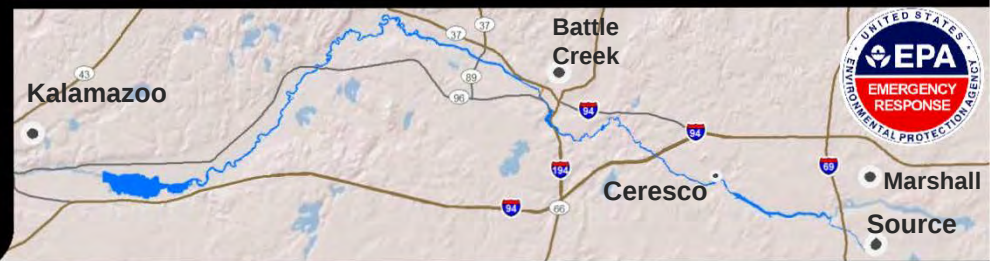
02.05.2013



River Icing Conditions

MP 21.5 Oxbow

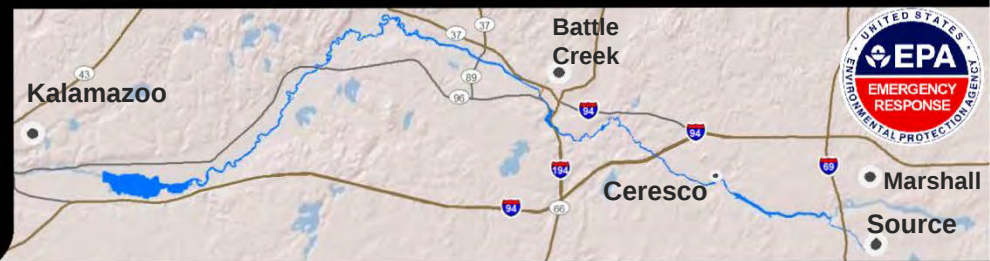
01.30.2013



River Icing Conditions

MP 21.5 Oxbow

02.05.2013



River Level / Icing Conditions

MP 27.0, Shady Bend Campground



January 30, 2013



February 1, 2013



February 4, 2013

River Icing Conditions

Morrow Lake Delta

01.30.2013



River Icing Conditions

Morrow Lake Delta

02.02.2013



River Icing Conditions

Morrow Lake Delta

02.04.2013



River Icing Conditions

Morrow Lake

01.30.2013



River Icing Conditions

Morrow Lake

02.04.2013

