Attachment E

Load Duration Curves for the Upper White River Headwaters Watershed TMDL

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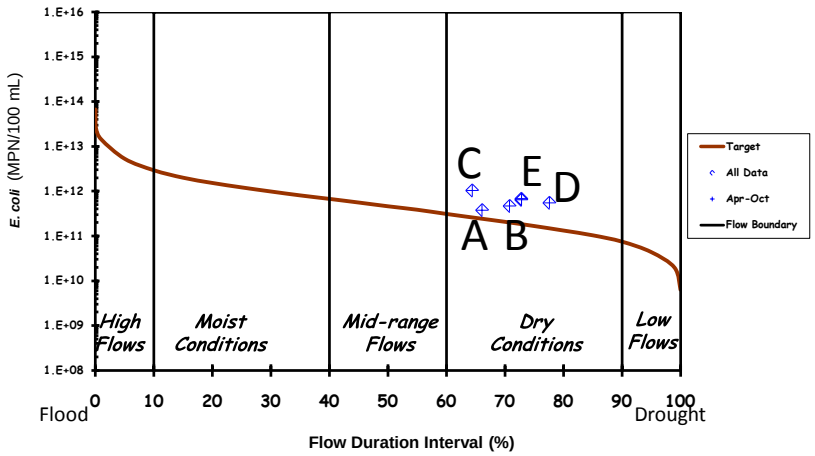
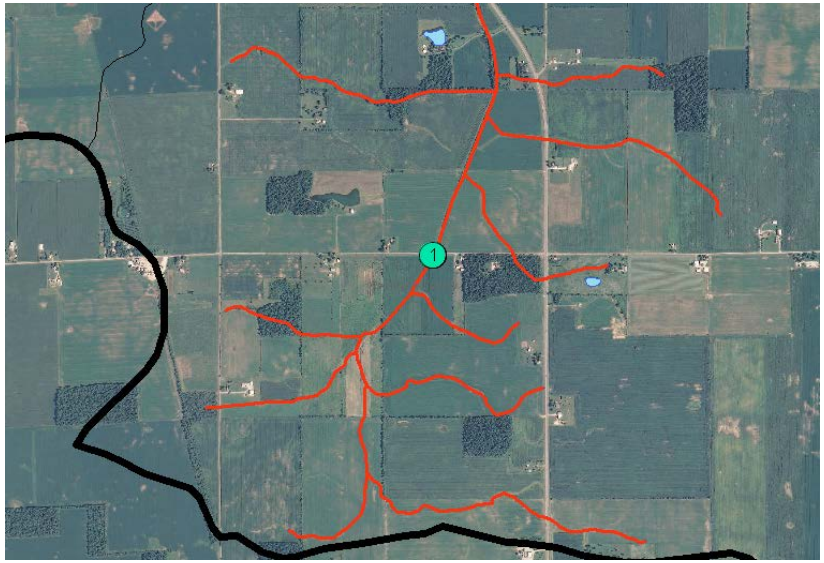
White River, West Fork at CR 500 S

2006 Monitoring Data

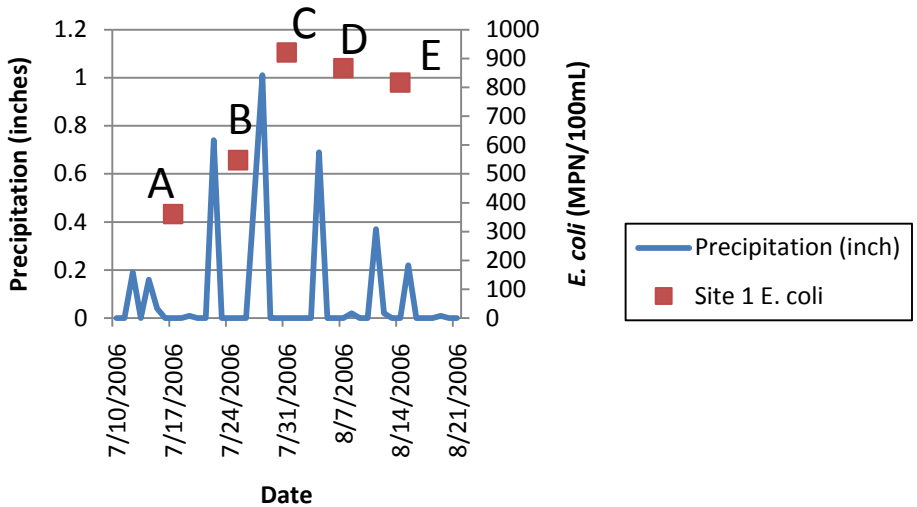
Site 1: WWU010-0082

Load Duration Curve





Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

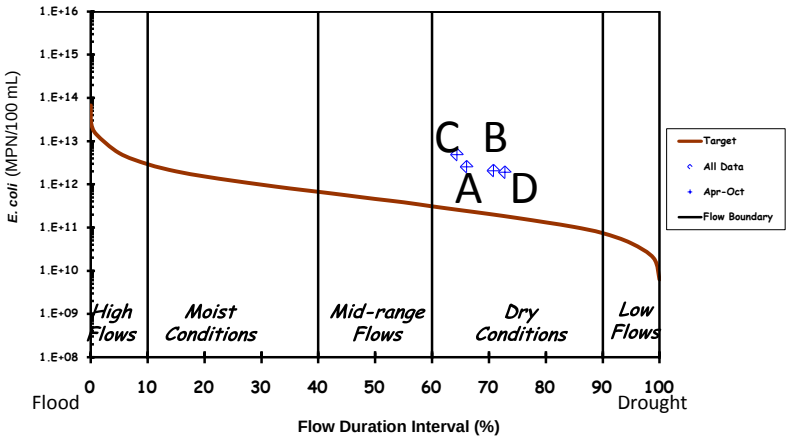
Drainage Area:
241 square miles

Colvin Ditch at CR 200 E

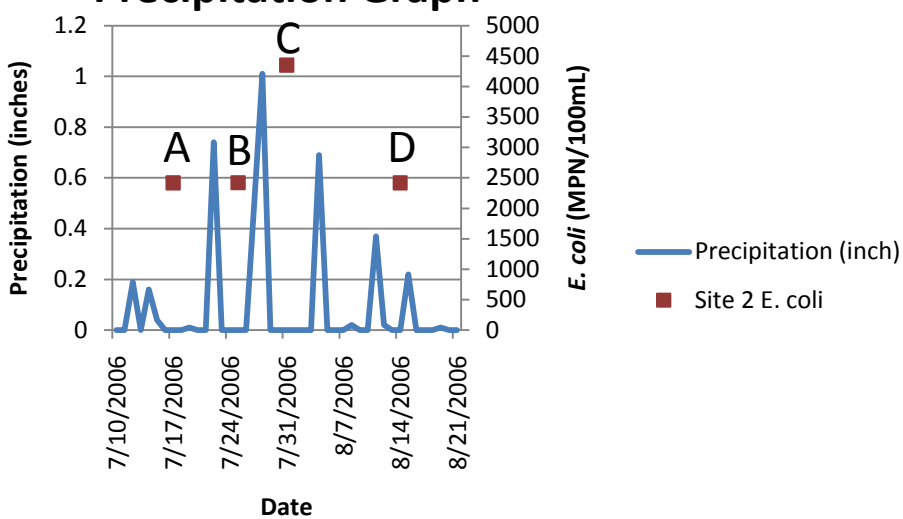
2006 Monitoring Data

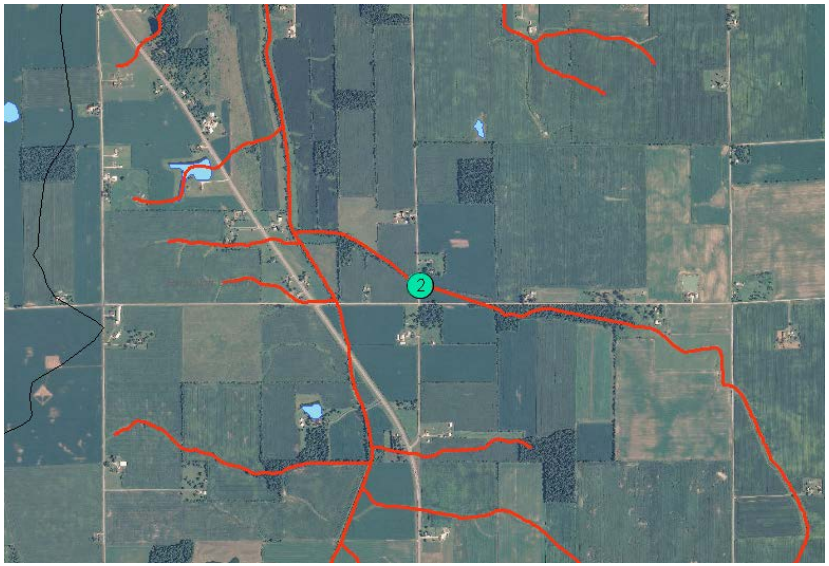
Site 2: WWU010-0081

Load Duration Curve



Precipitation Graph





Upstream

Downstream

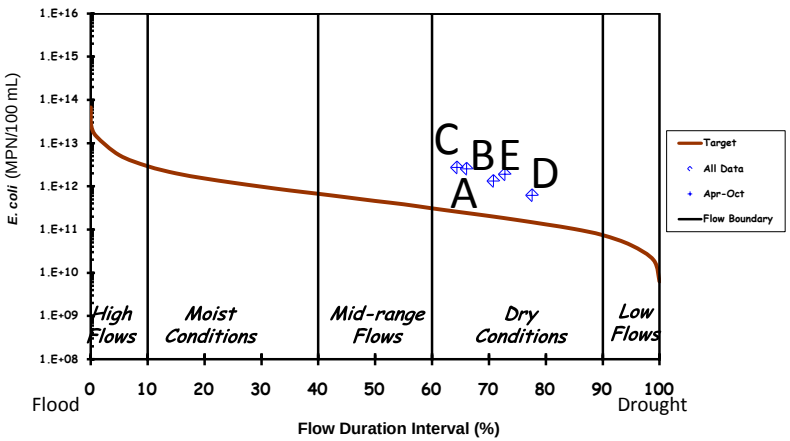
White River at Muncie, IN USGS Gage 03347000

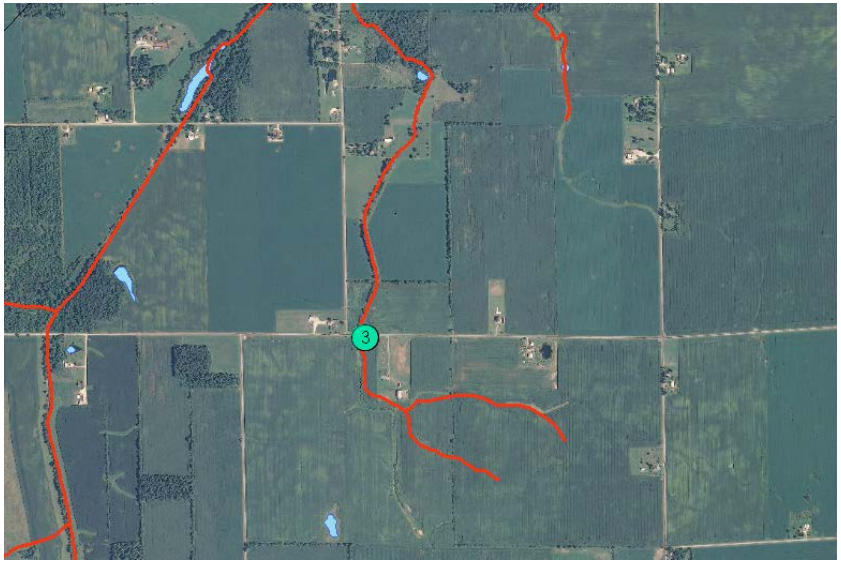
Winchester, IN Precipitation Station – State Climate Office

Drainage Area:
241 square miles

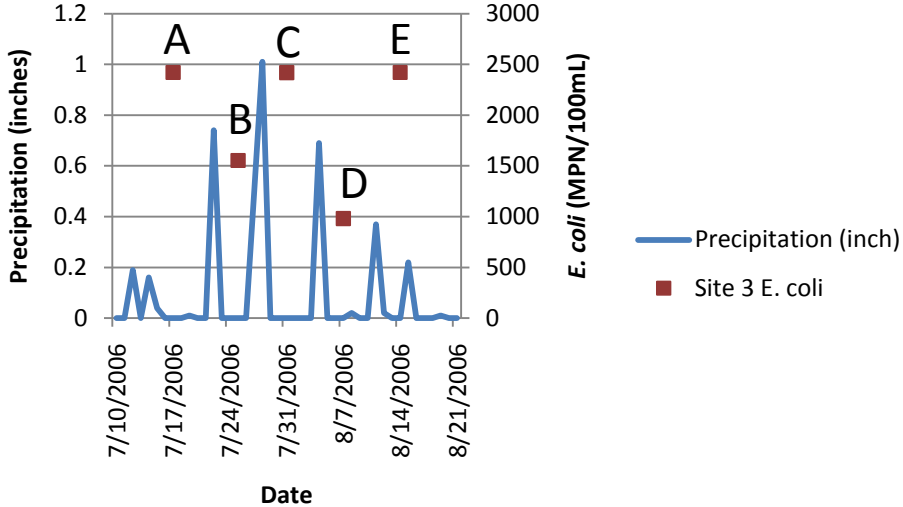
Unnamed Tributary to White River at CR 300 S
2006 Monitoring Data
Site 3: WWU010-0080

Load Duration Curve





Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

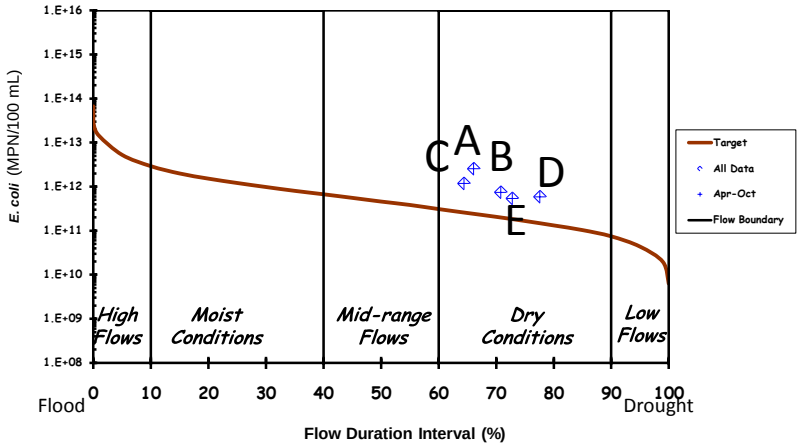
Drainage Area:
241 square miles

White River, West Fork at CR 200 S

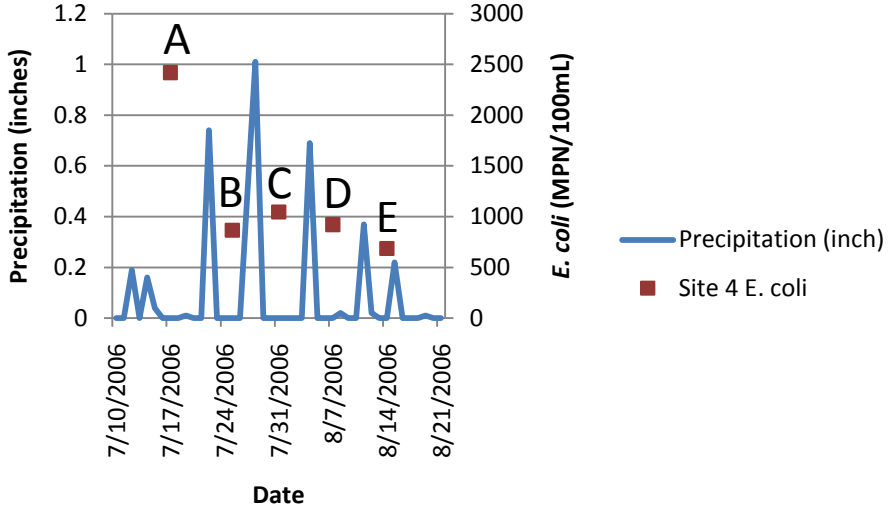
2006 Monitoring Data

Site 4: WWU010-0079

Load Duration Curve



Precipitation Graph



Upstream

Downstream

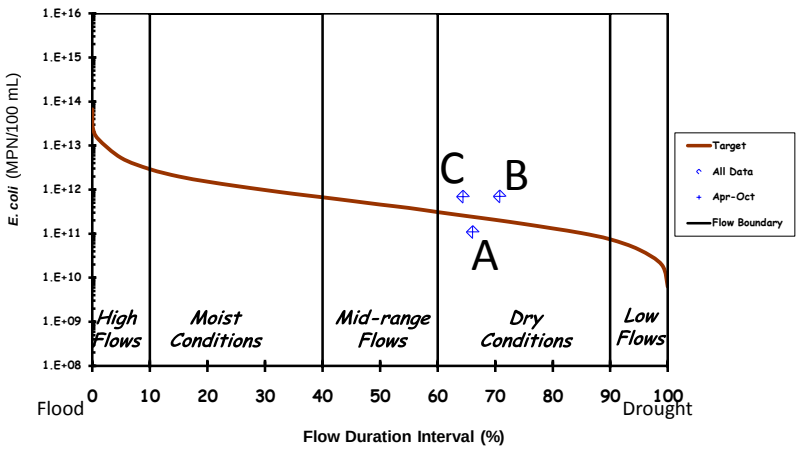
White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

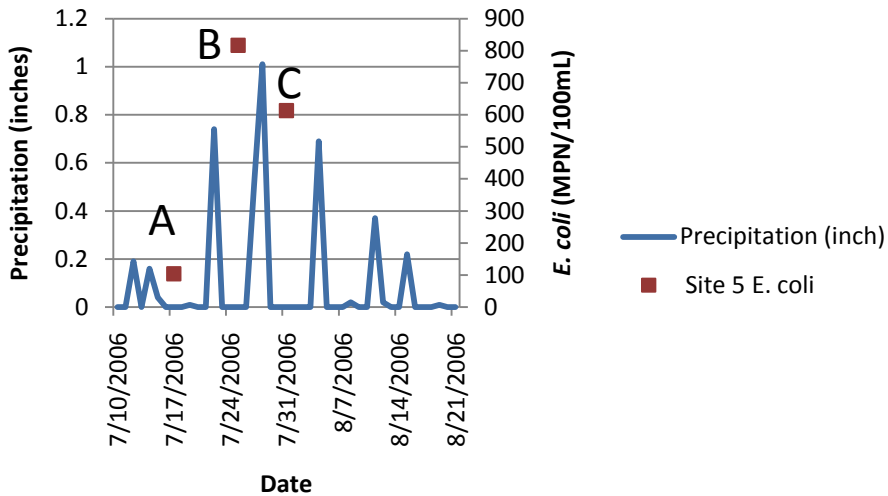
Drainage Area:
241 square miles

Unnamed Tributary to White River at CR 300 E
2006 Monitoring Data
Site 5: WWU010-0078

Load Duration Curve



Precipitation Graph



Upstream

Downstream

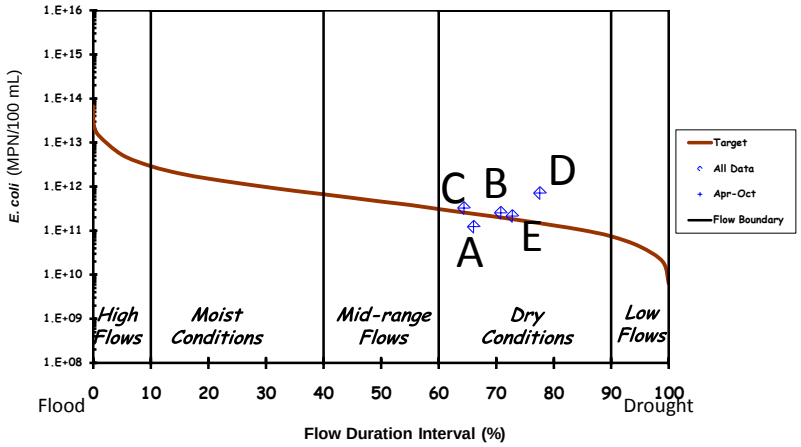
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

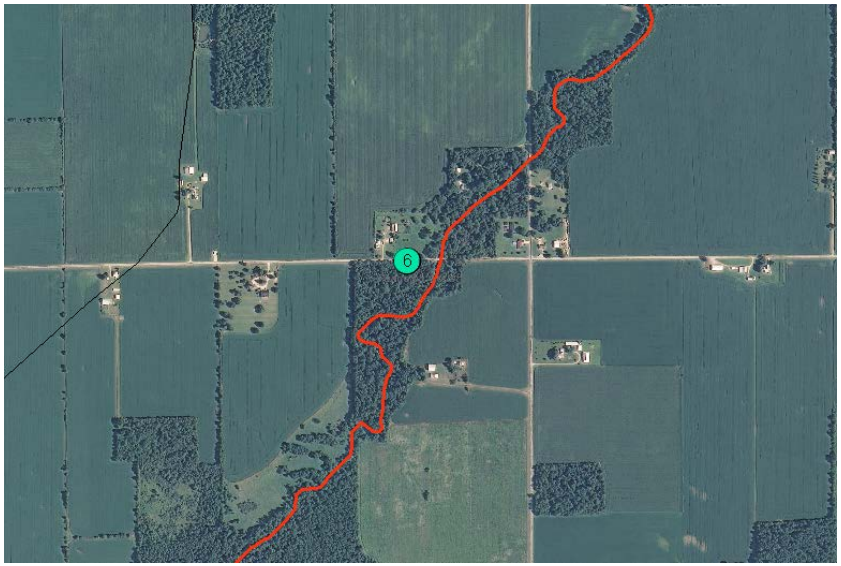
White River, West Fork at Base Road

2006 Monitoring Data

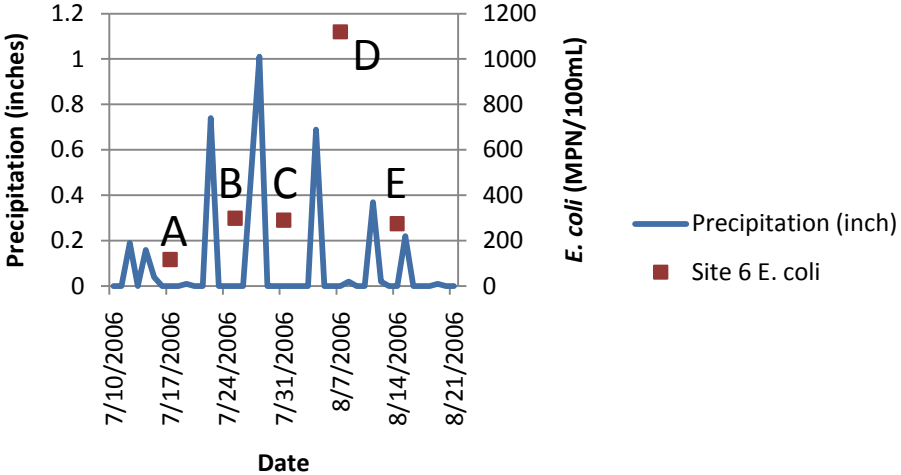
Site 6: WWU010-0076

Load Duration Curve





Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

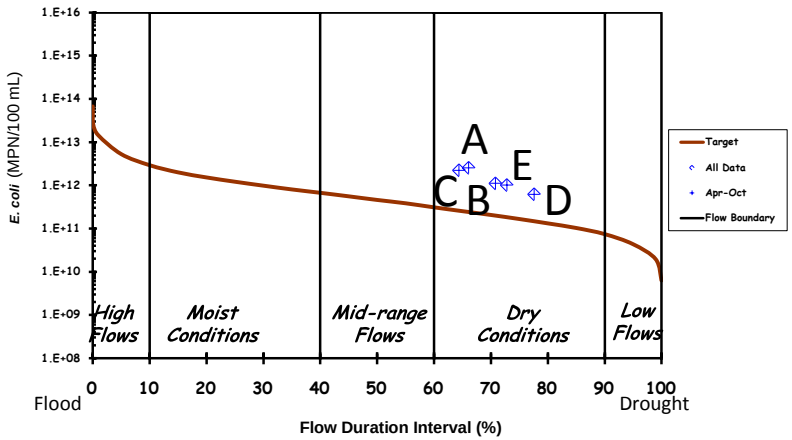
Drainage Area:
241 square miles

Owl Creek at CR 100 S

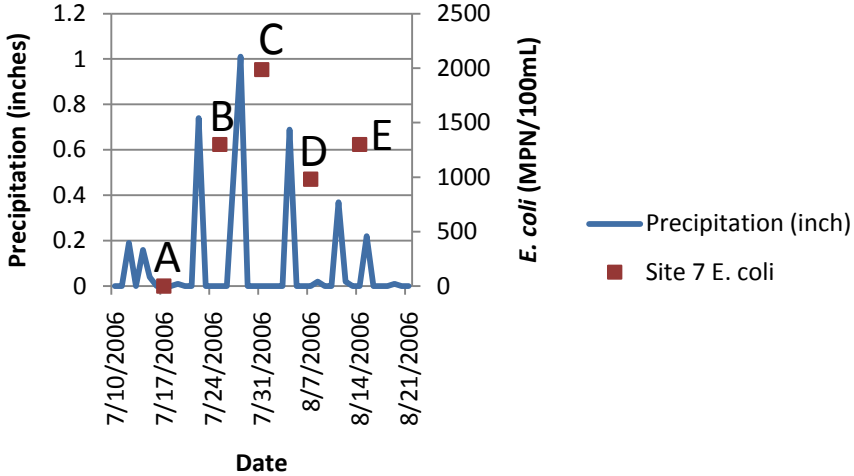
2006 Monitoring Data

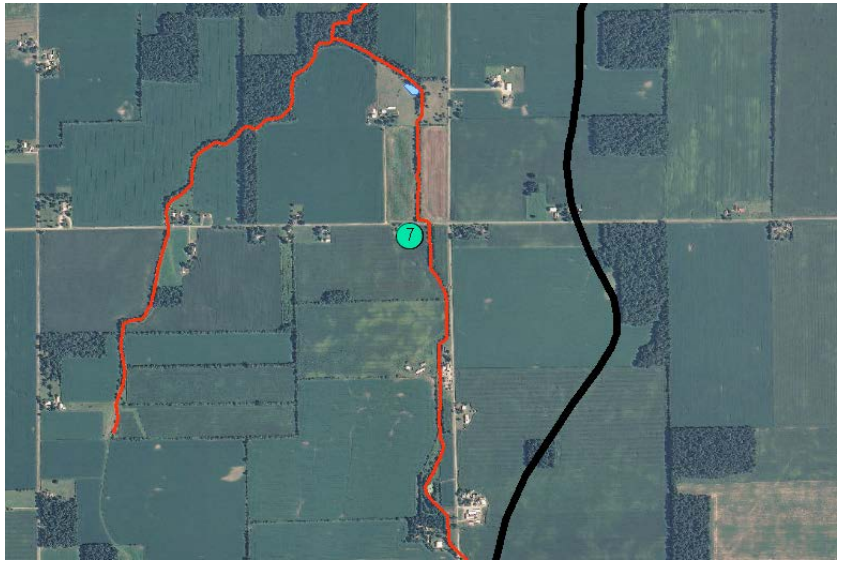
Site 7: WWU010-0077

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000 Drainage Area:

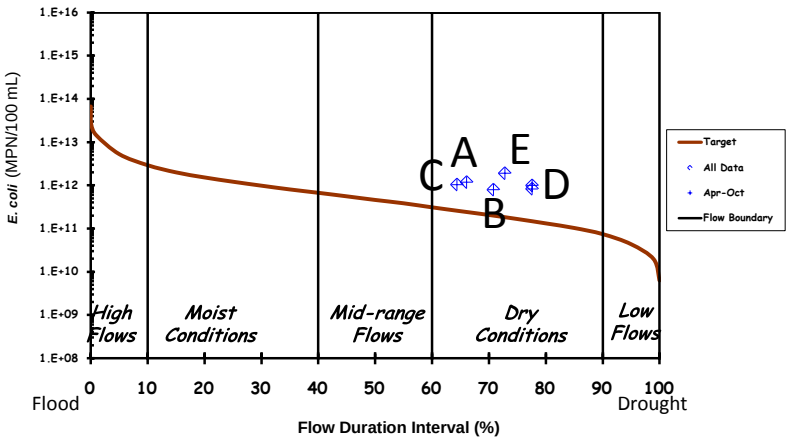
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Owl Creek at Base Road

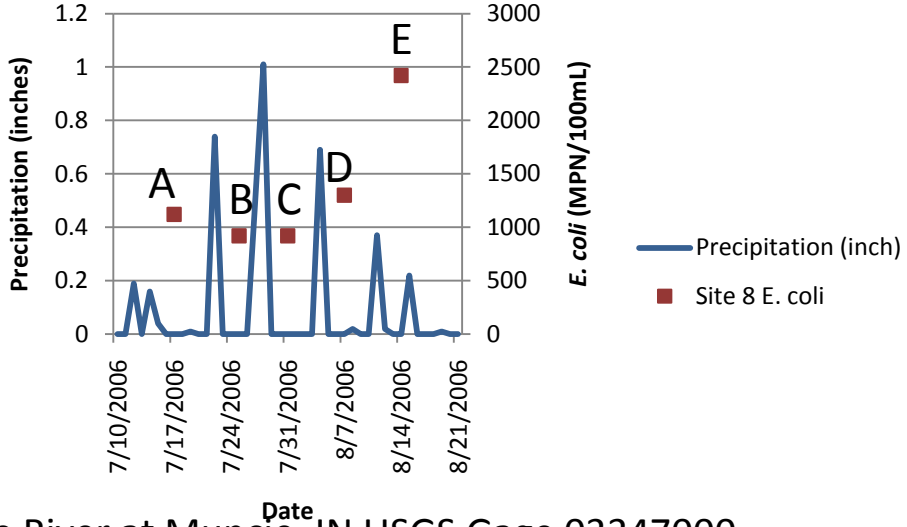
2006 Monitoring Data

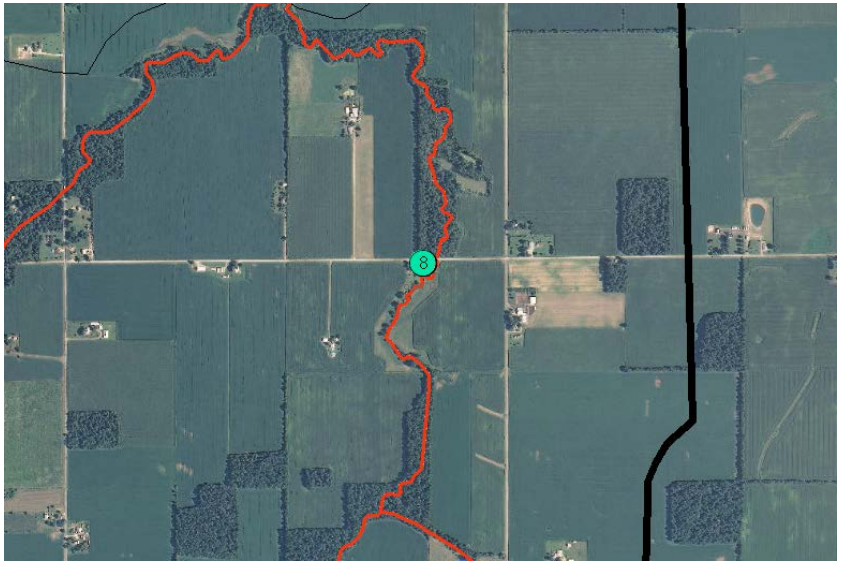
Site 8: WWU010-0075

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

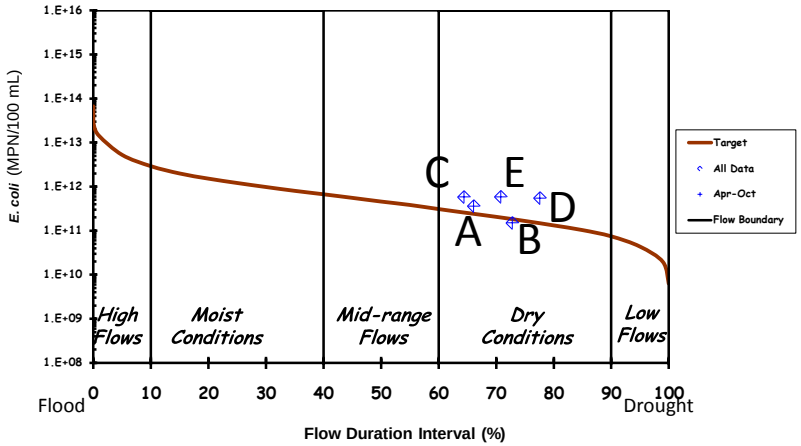
Drainage Area:
241 square miles

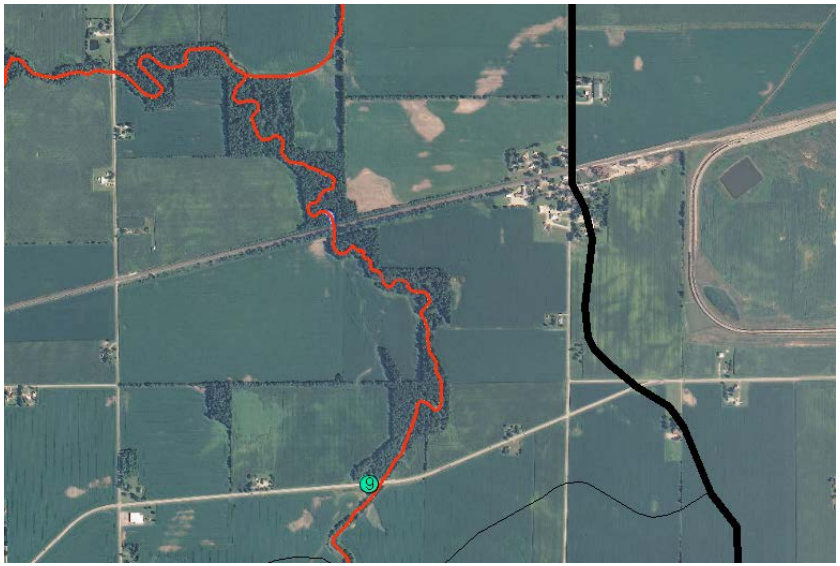
White River, West Fork at SR 32

2006 Monitoring Data

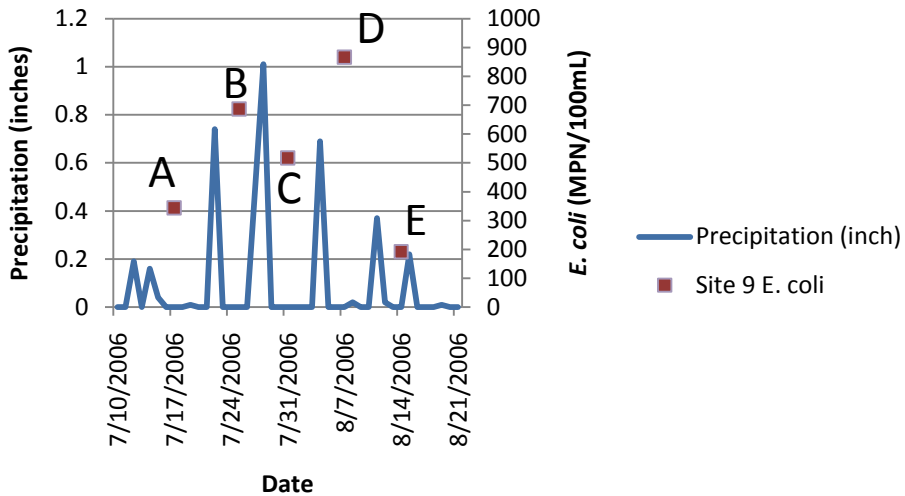
Site 9: WWU010-0074

Load Duration Curve





Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

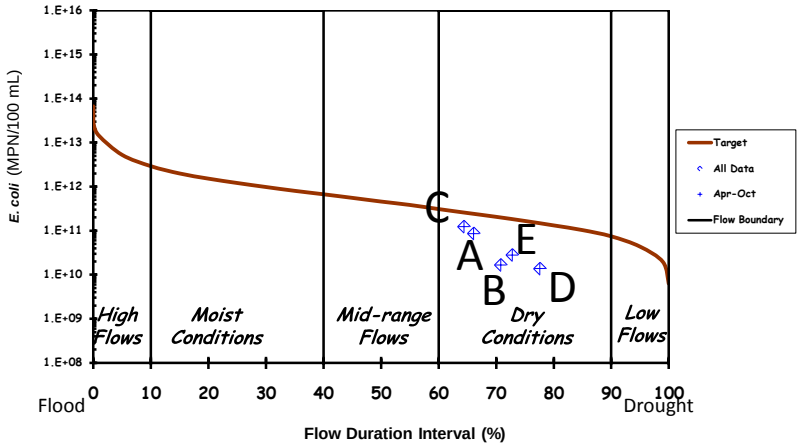
Winchester, IN Precipitation Station – State Climate Office 241 square miles

White River, West Fork at CR 300 E

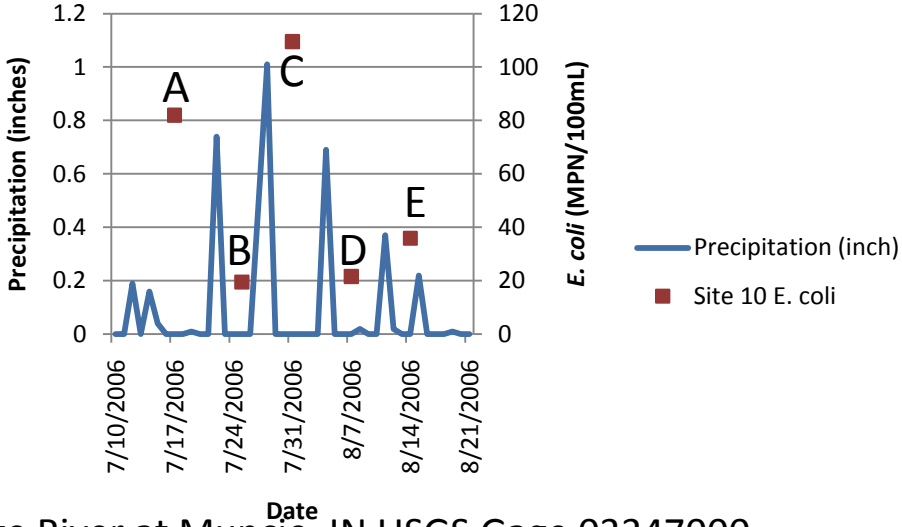
2006 Monitoring Data

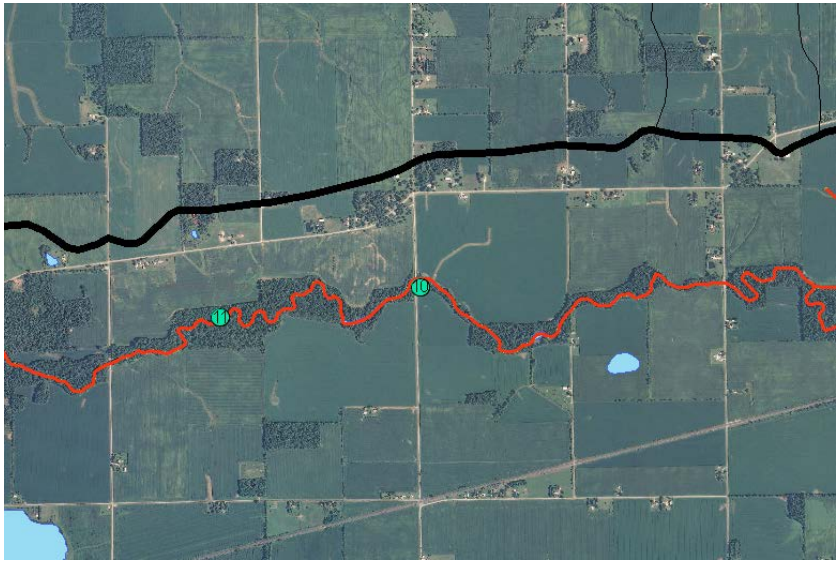
Site 10: WWU010-0073

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

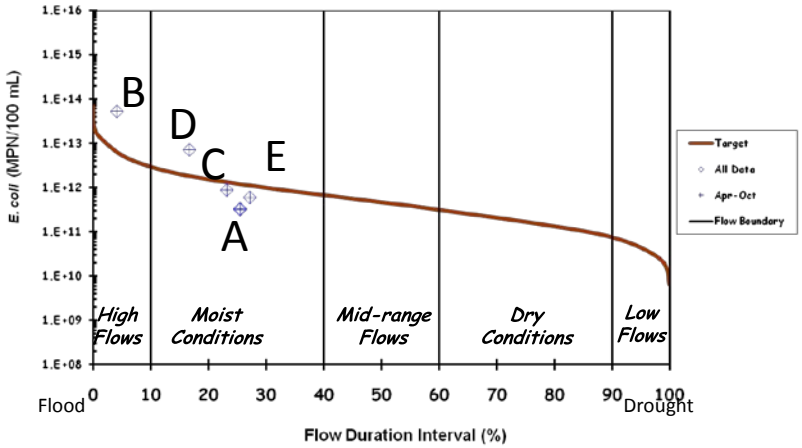
Drainage Area:
241 square miles

White River, West Fork at CR 200 E

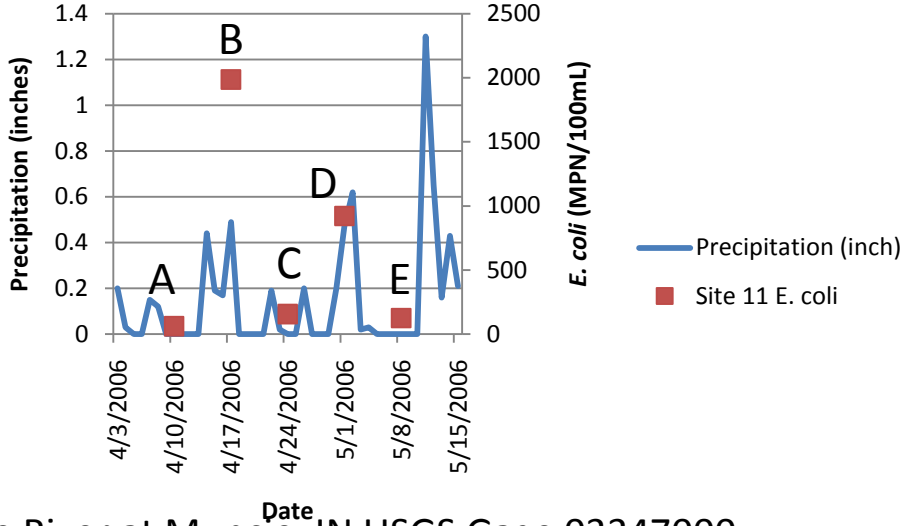
2006 Monitoring Data

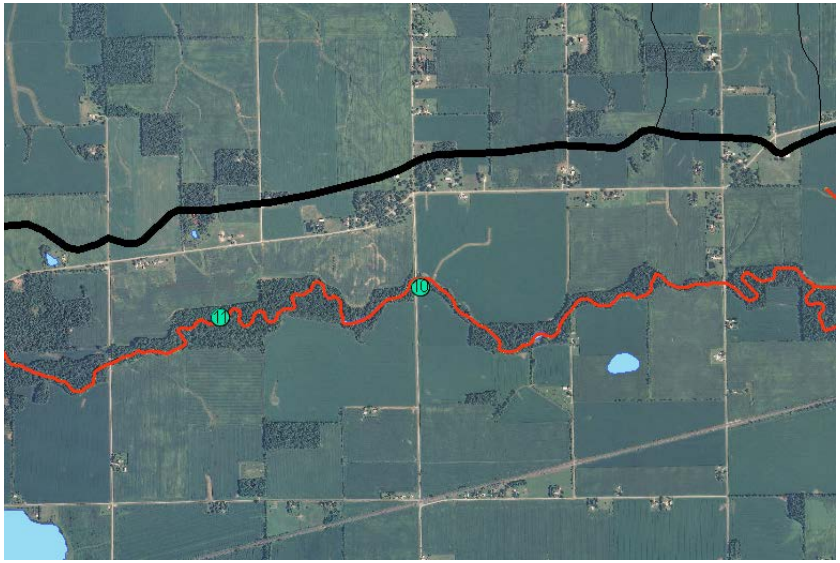
Site 11: WWU010-0039

Load Duration Curve



Precipitation Graph





Upstream

Downstream

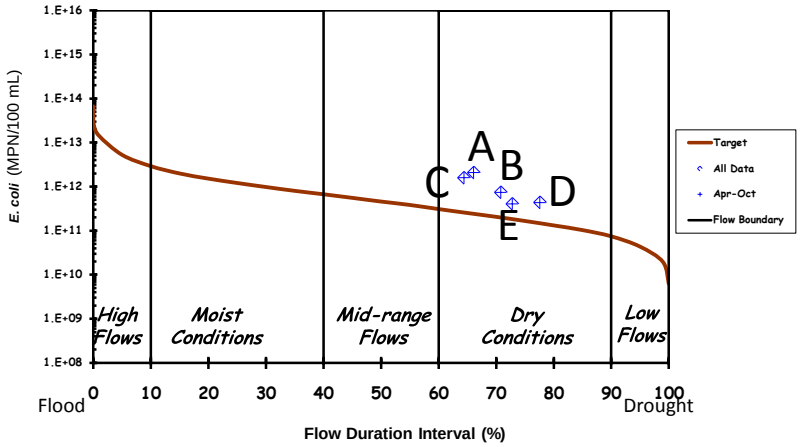
White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

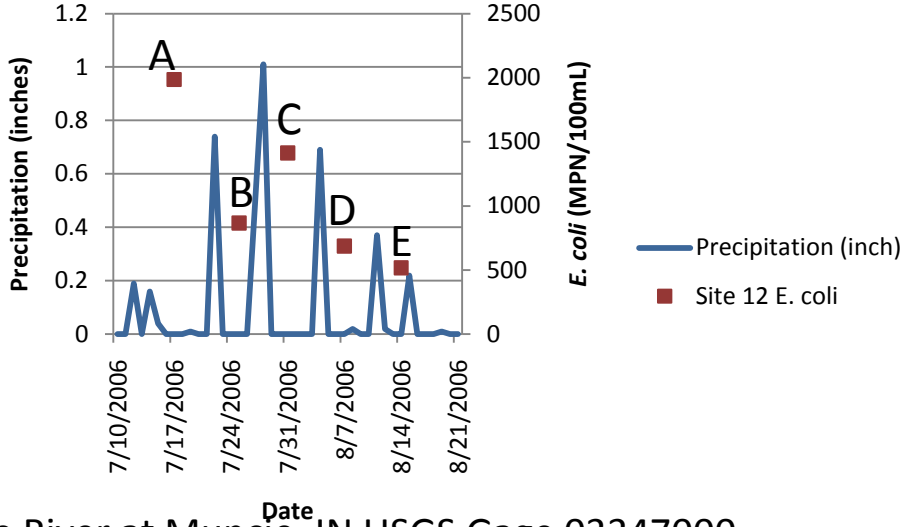
Drainage Area:
241 square miles

Unnamed Tributary to White River at CR 100 N
2006 Monitoring Data
Site 12: WWU010-0072

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

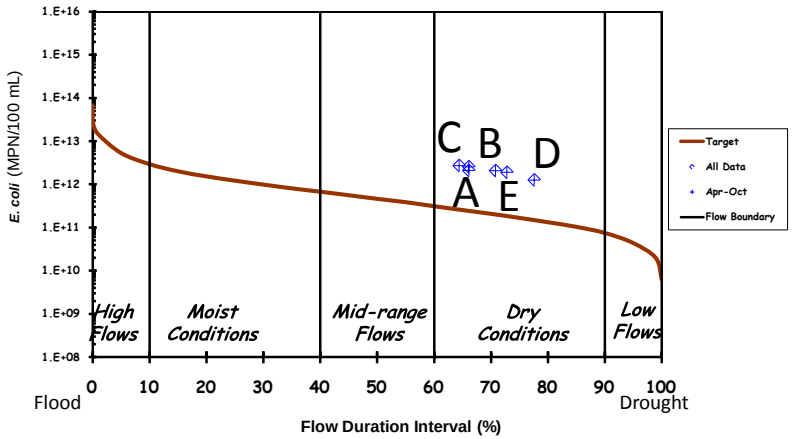
Drainage Area:
241 square miles

Peach Creek at Base Road

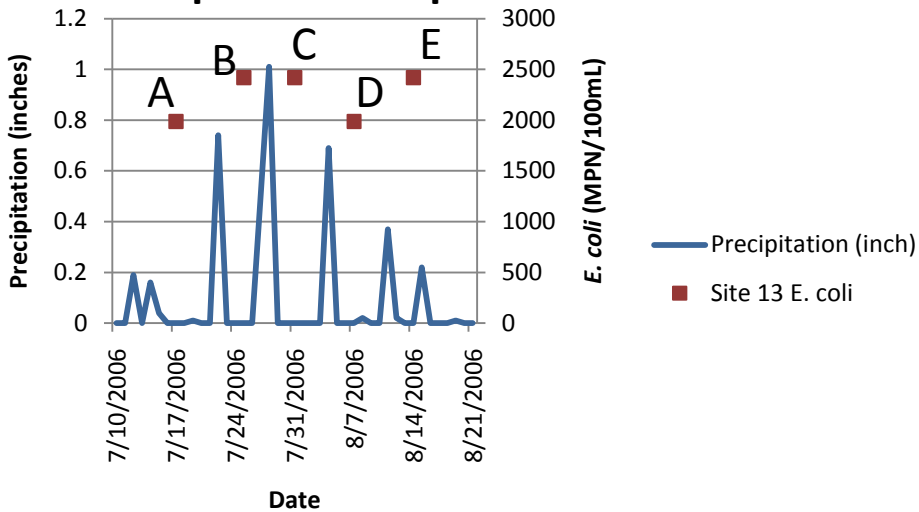
2006 Monitoring Data

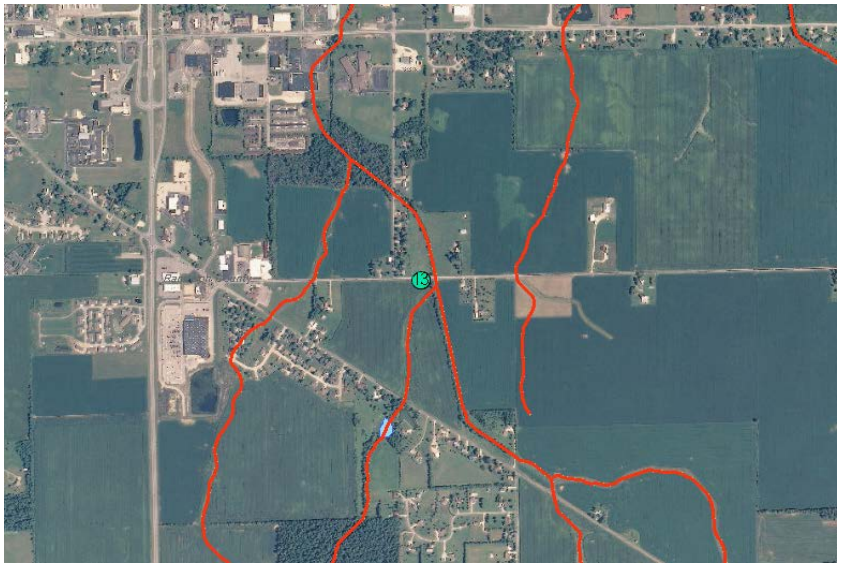
Site 13: WWU010-0070

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

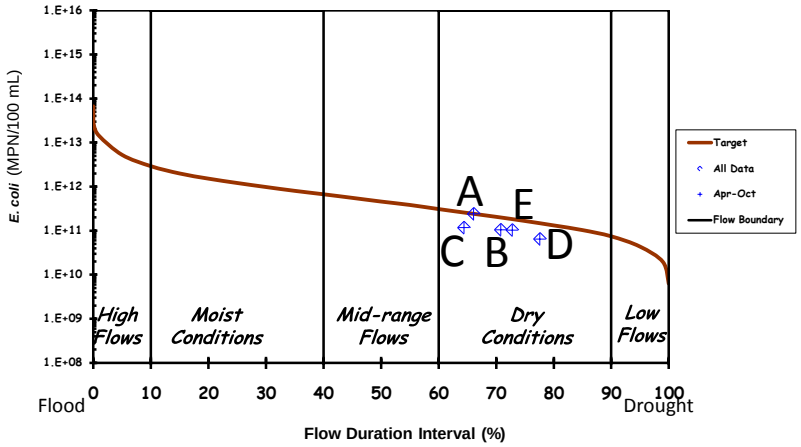
Drainage Area:
241 square miles

White River, West Fork at CR 100 E

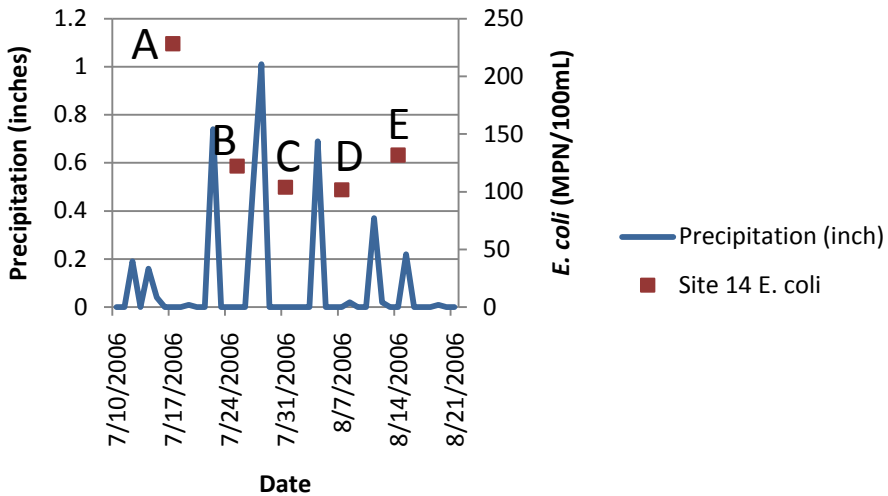
2006 Monitoring Data

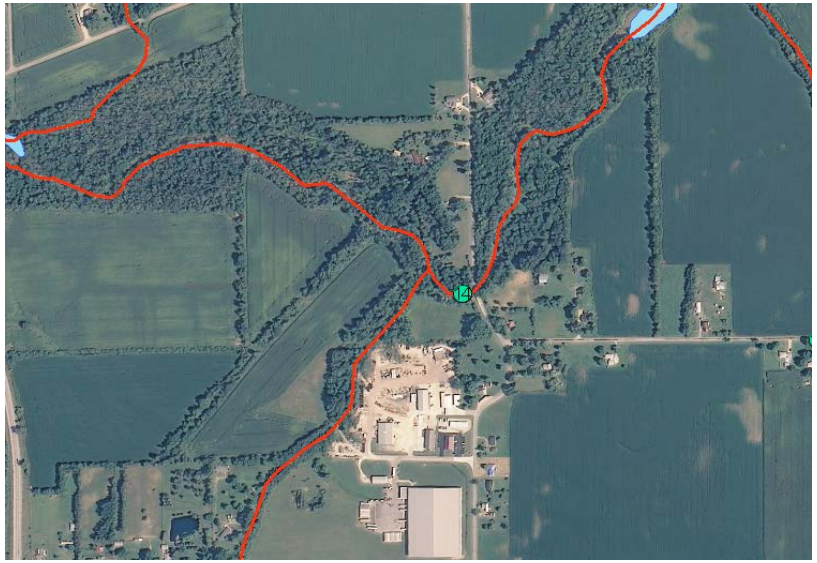
Site 14: WWU010-0071

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

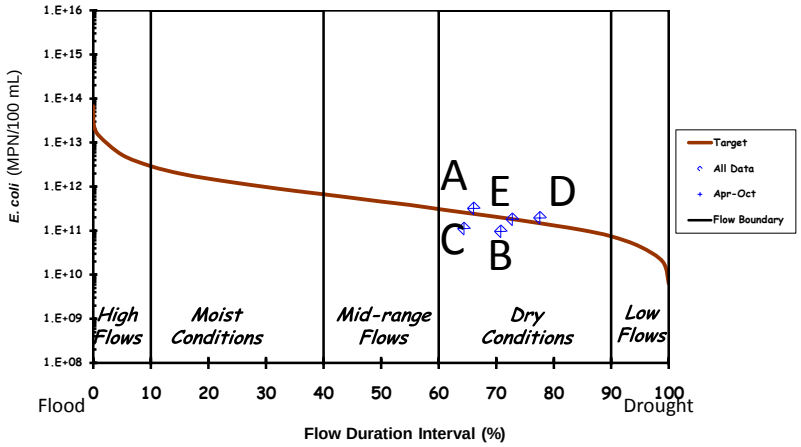
Drainage Area:
241 square miles

White River, West Fork at US 27

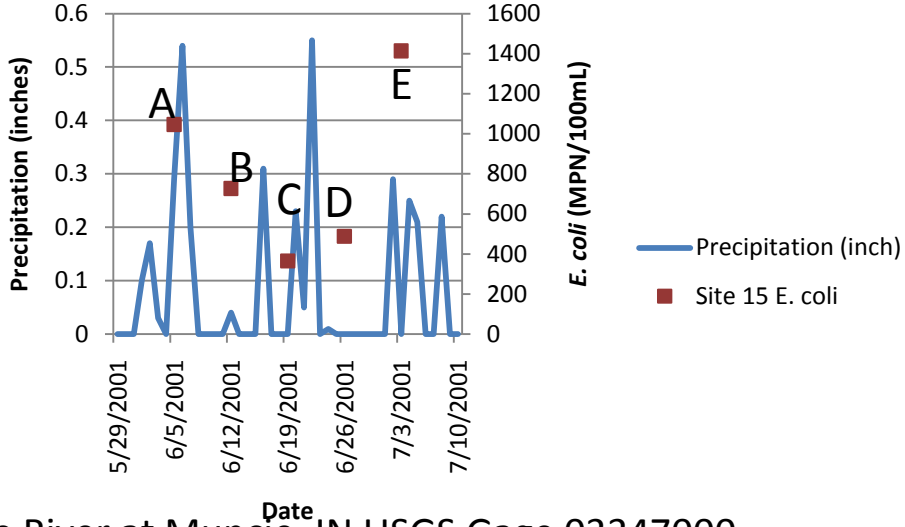
2006 Monitoring Data

Site 15: WWU010-0066

Load Duration Curve



Precipitation Graph



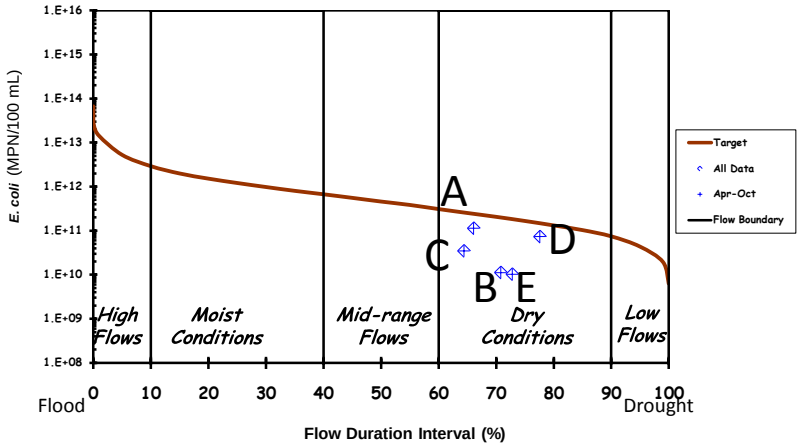
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Unnamed Tributary to Salt Creek at Base Rd

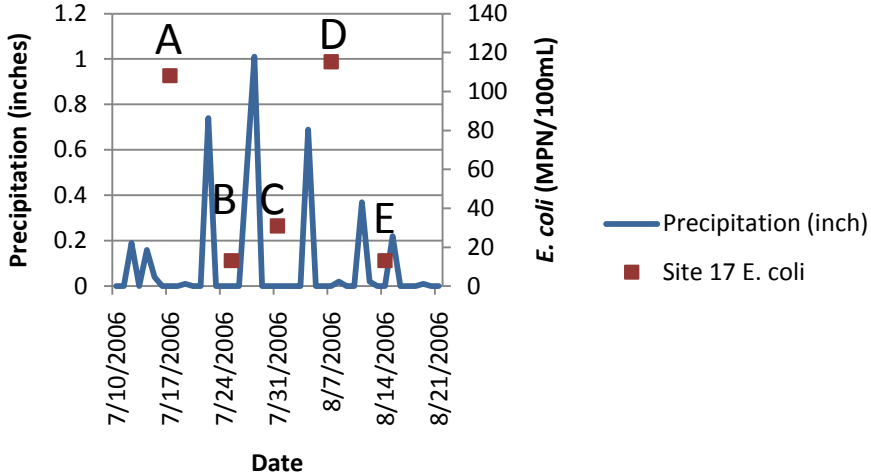
2006 Monitoring Data

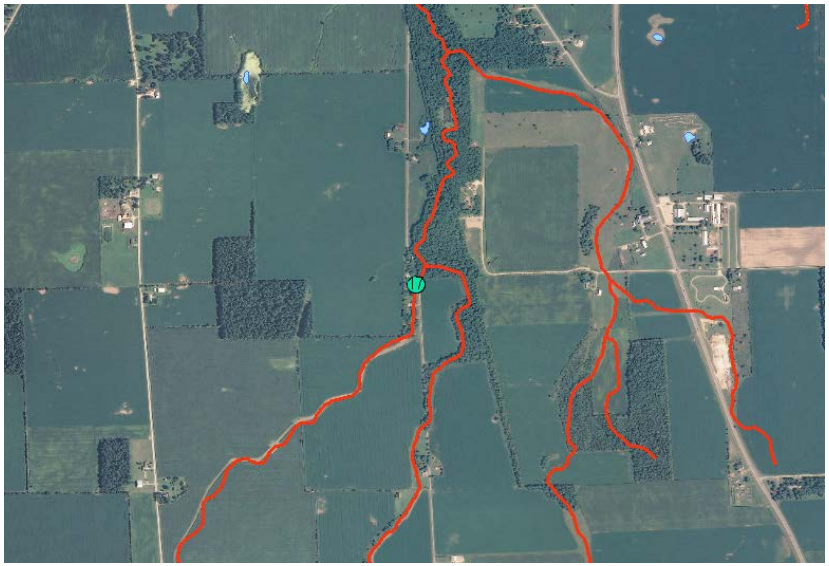
Site 17: WWU010-0064

Load Duration Curve



Precipitation Graph





Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

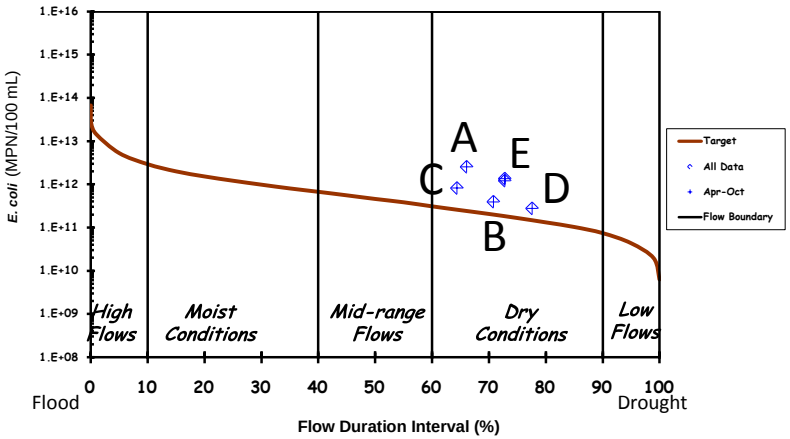
Drainage Area:
241 square miles

Salt Creek at South St

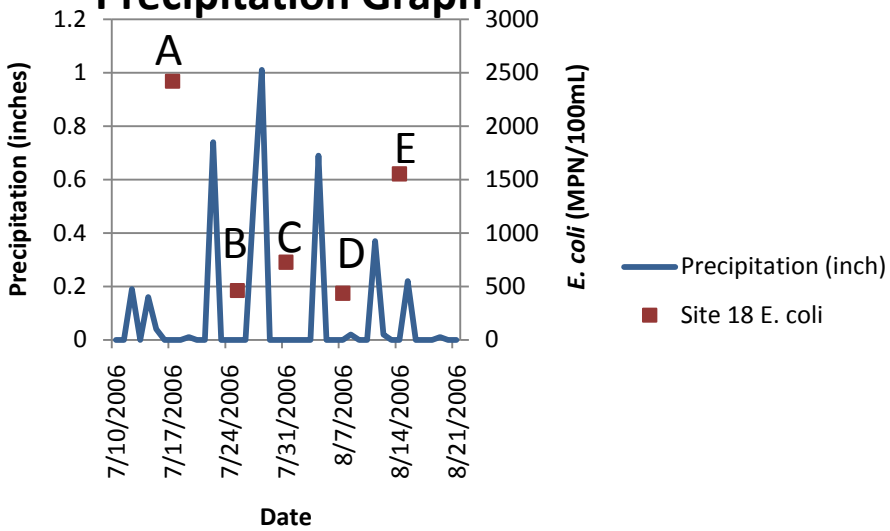
2006 Monitoring Data

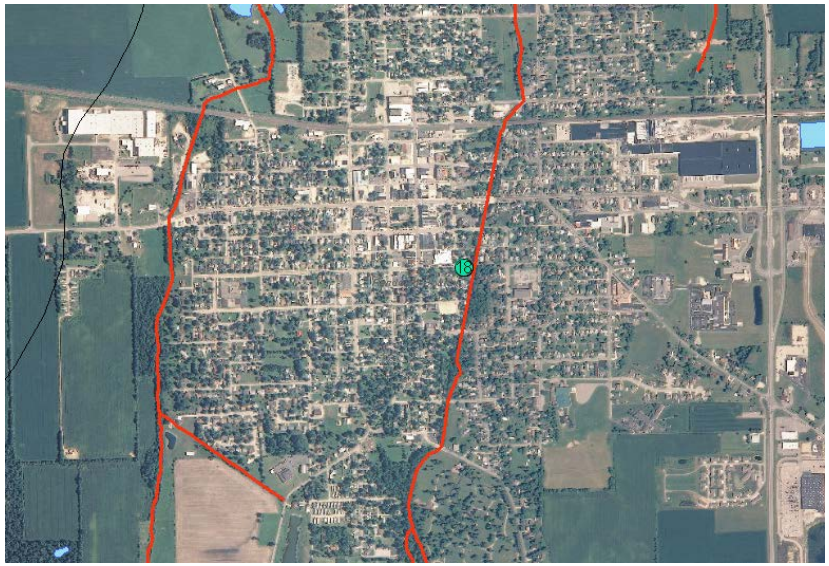
Site 18: WWU010-0067

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

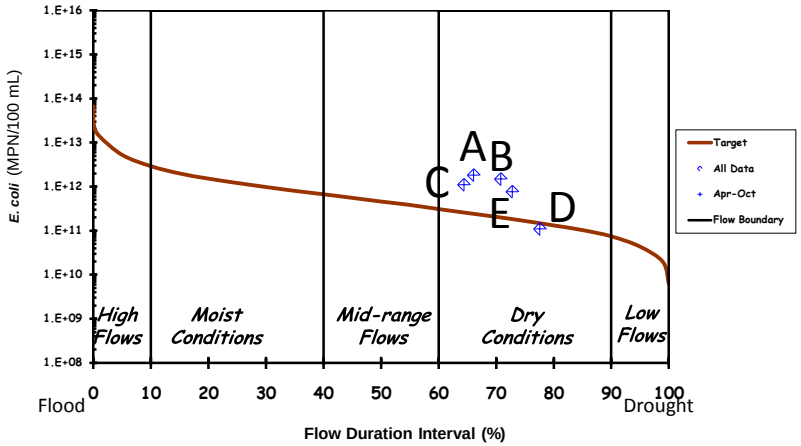
Drainage Area:
241 square miles

Sugar Creek at CR 50 S

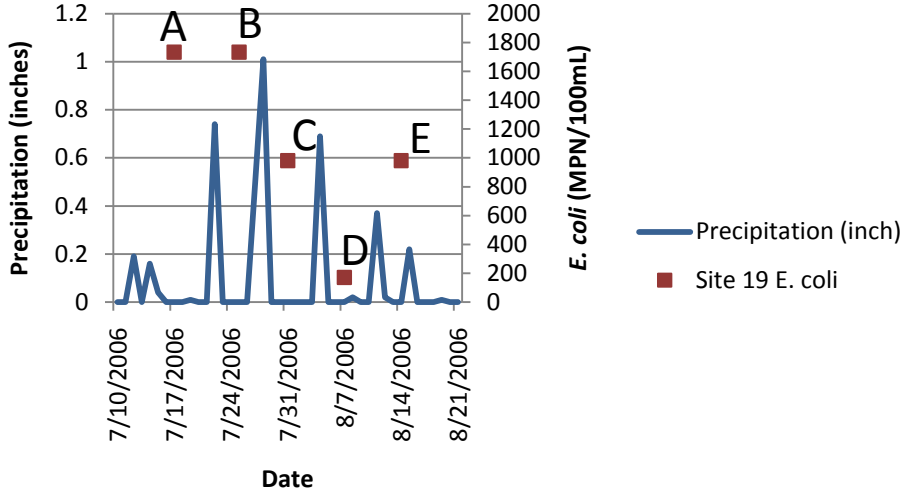
2006 Monitoring Data

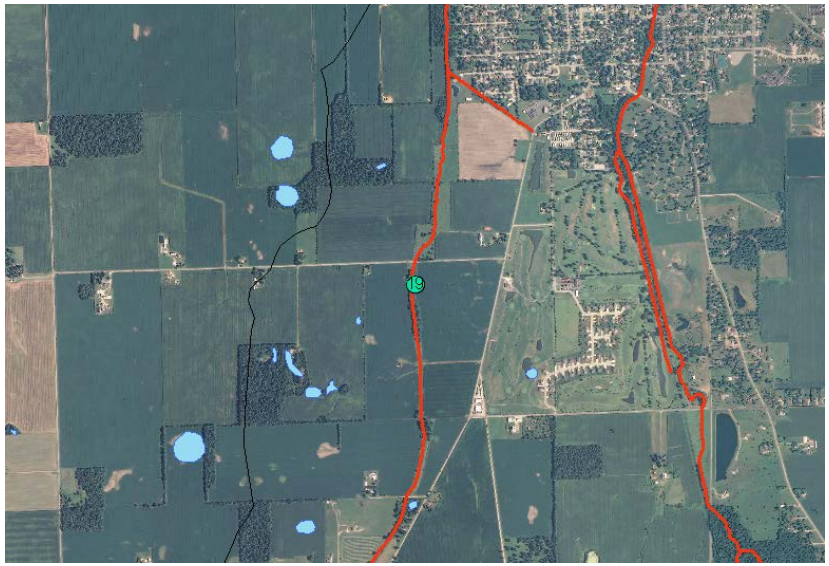
Site 19: WWU010-0062

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

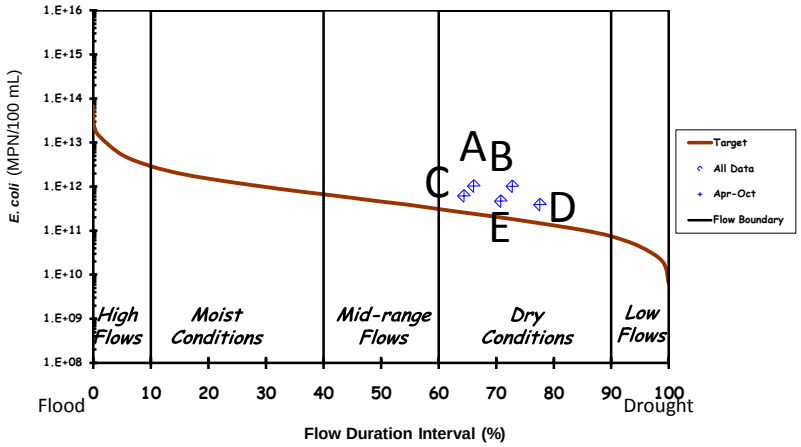
Drainage Area:
241 square miles

Sugar Creek at W Martin Street

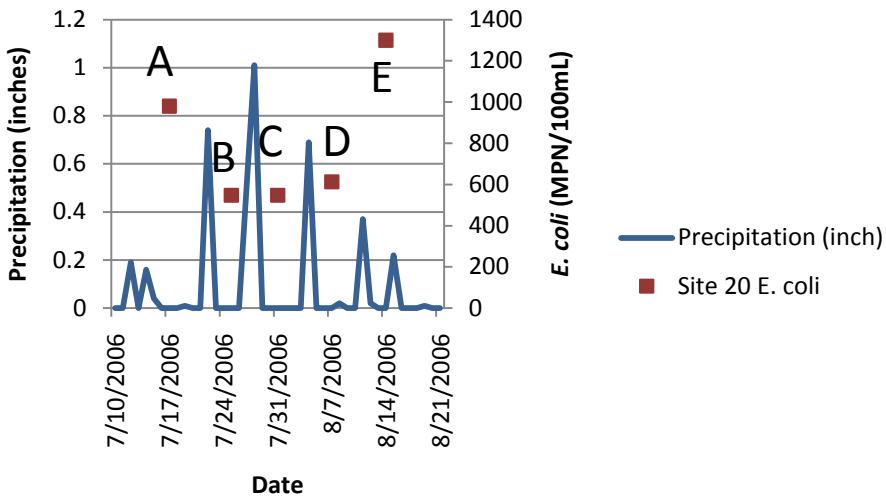
2006 Monitoring Data

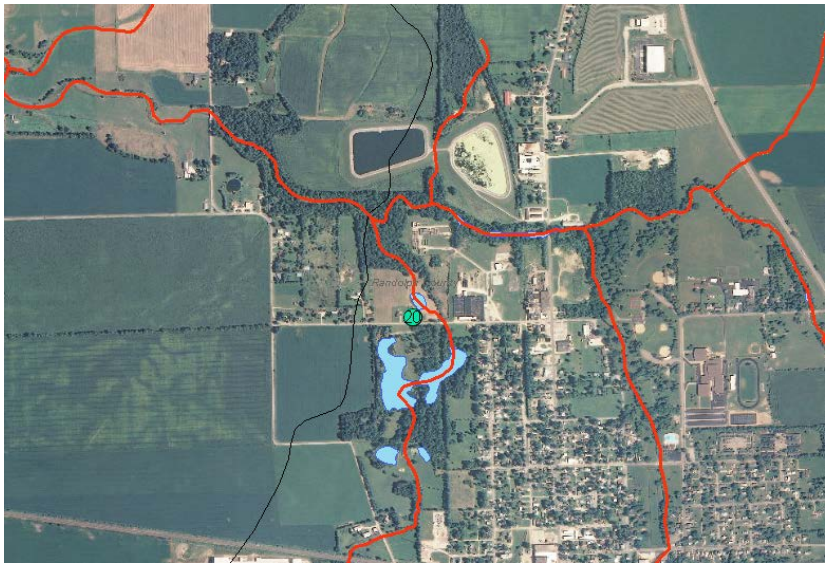
Site 20: WWU010-0061

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

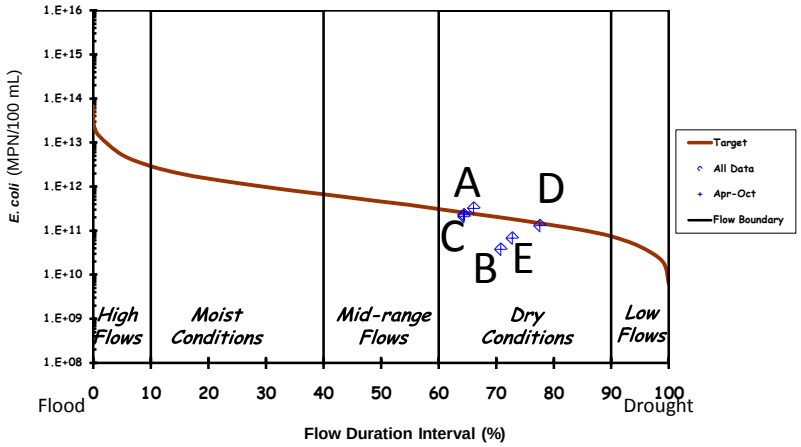
Drainage Area:
241 square miles

White River, West Fork at Carlos Road

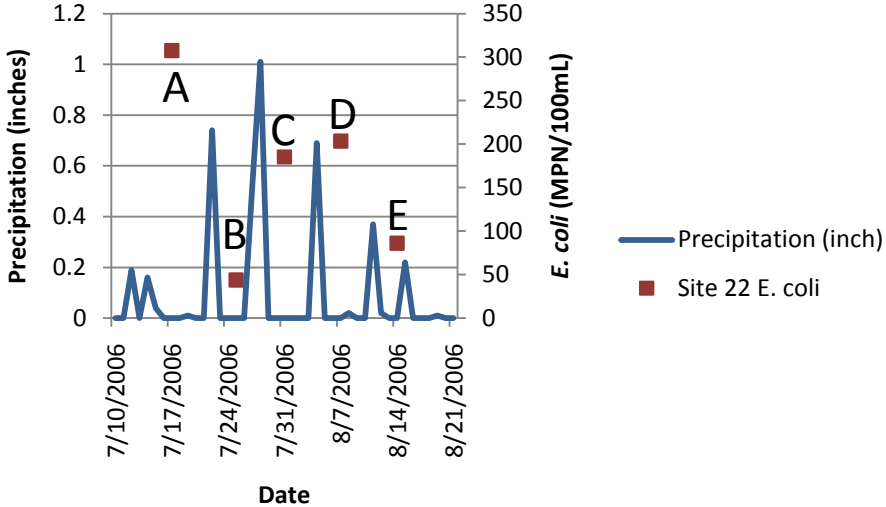
2006 Monitoring Data

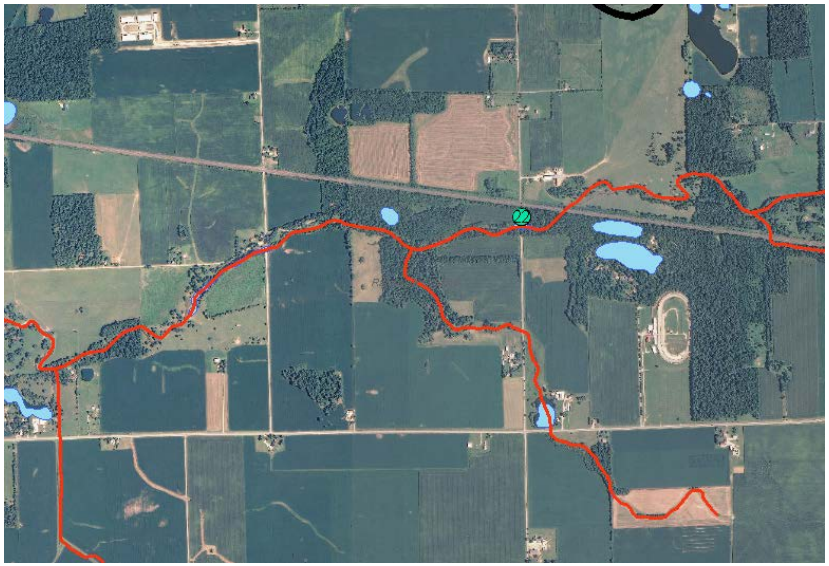
Site 22: WWU010-0060

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

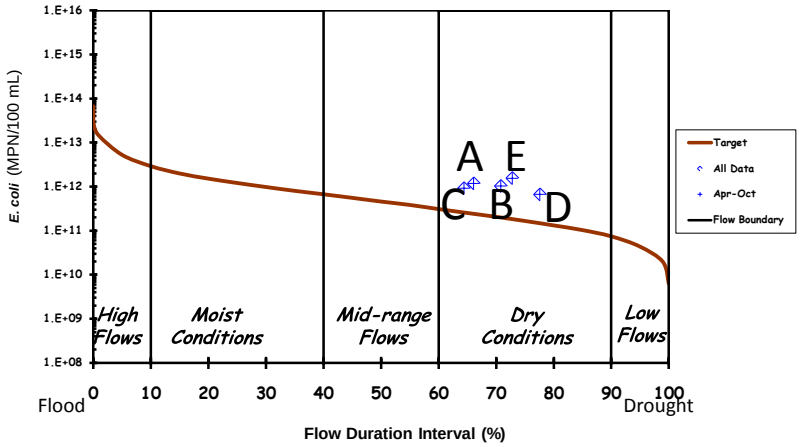
Drainage Area:
241 square miles

Eightmile Creek at CR 400 W

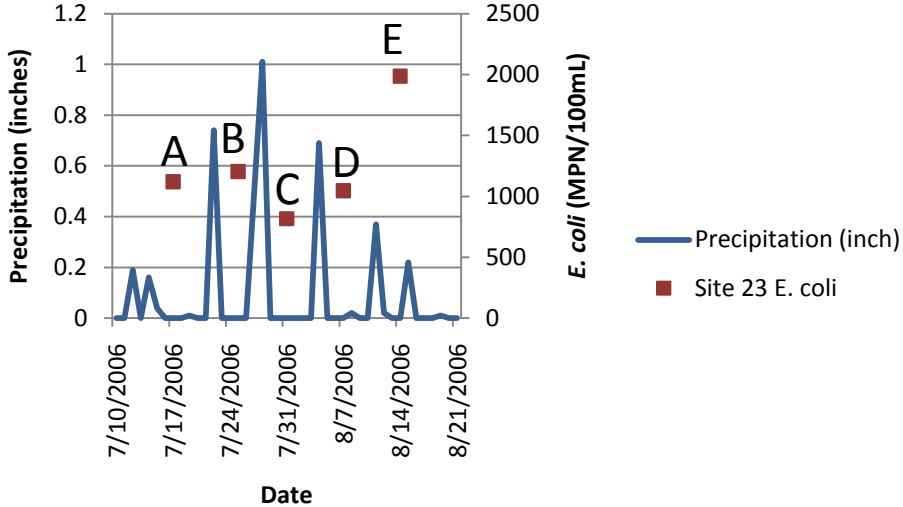
2006 Monitoring Data

Site 23: WWU010-0059

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

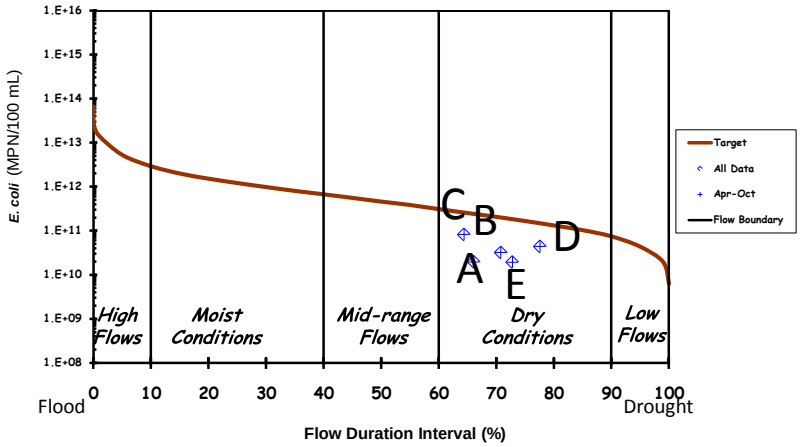
Drainage Area:
241 square miles

White River, West Fork at CR 675 W

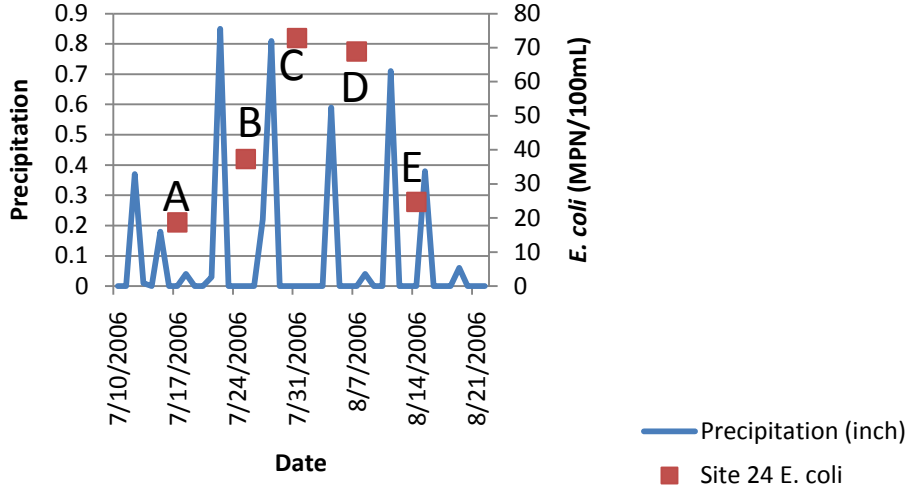
2006 Monitoring Data

Site 24: WWU010-0057

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

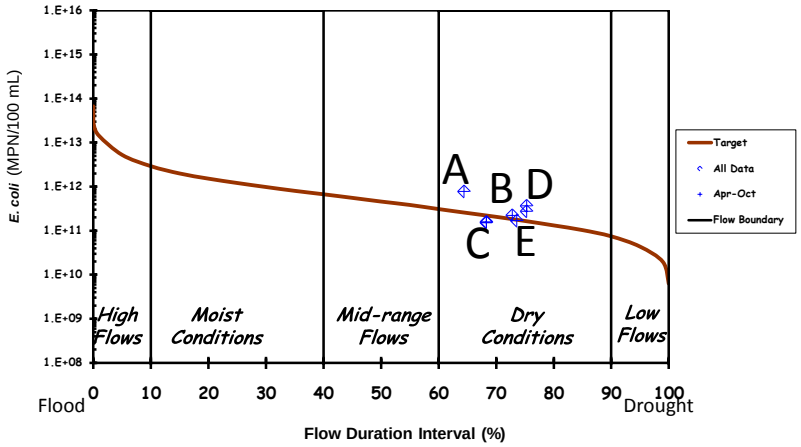
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Sparrow Creek at CR 200 S

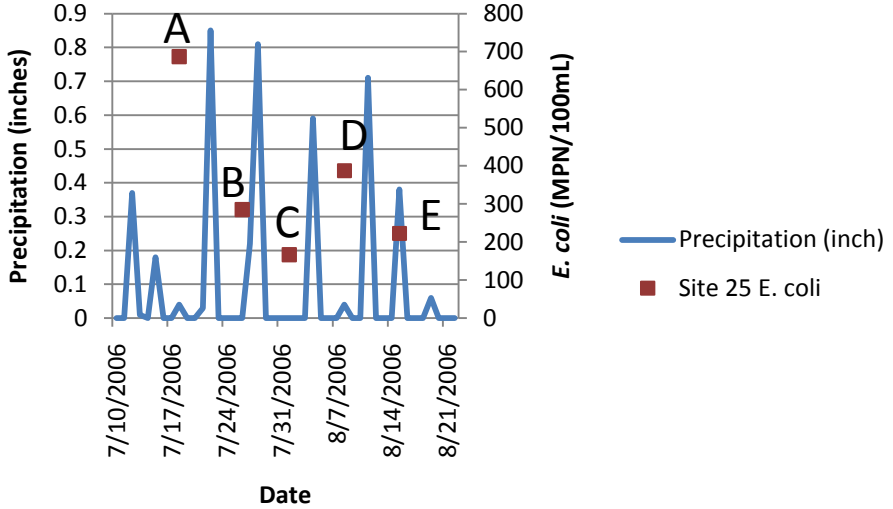
2006 Monitoring Data

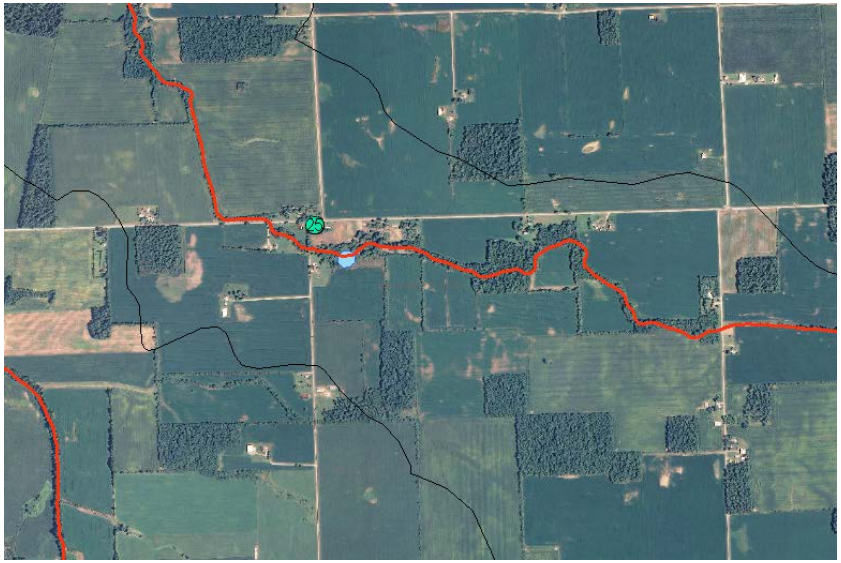
Site 25: WWU010-0058

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

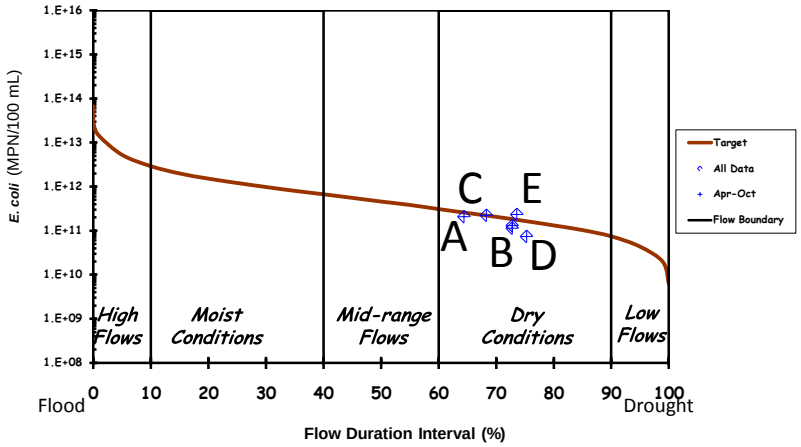
Drainage Area:
241 square miles

White River, West Fork at CR 900 W

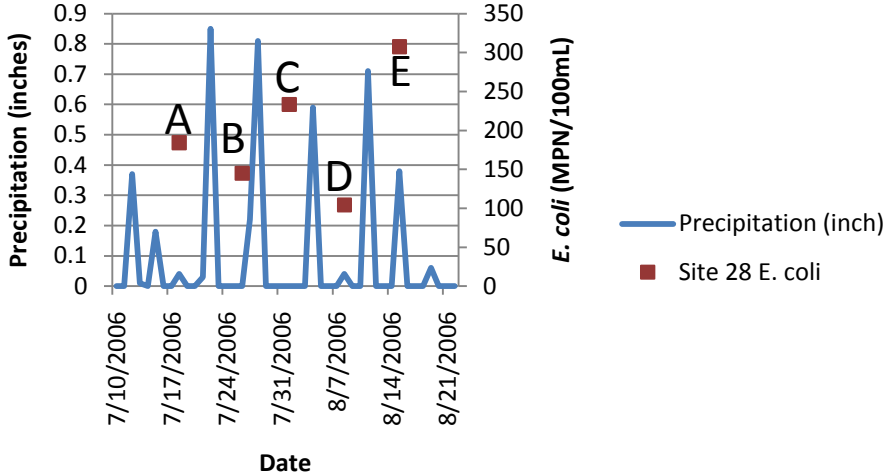
2006 Monitoring Data

Site 28: WWU010-0048

Load Duration Curve



Precipitation Graph



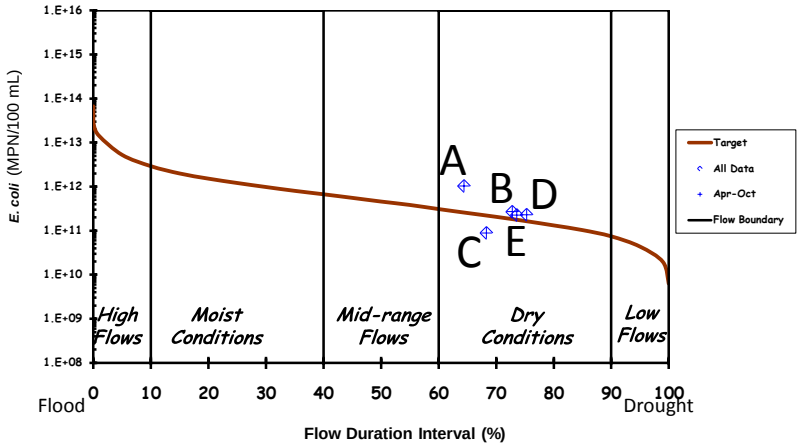
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Cabin Creek at CR 500 S

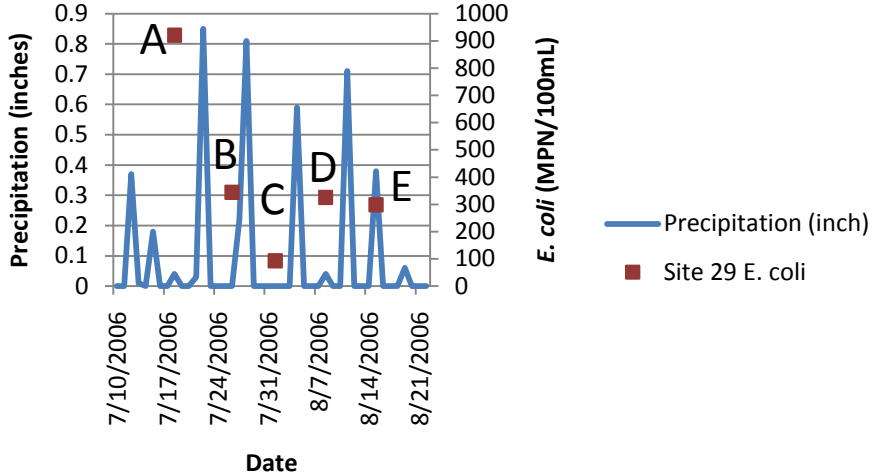
2006 Monitoring Data

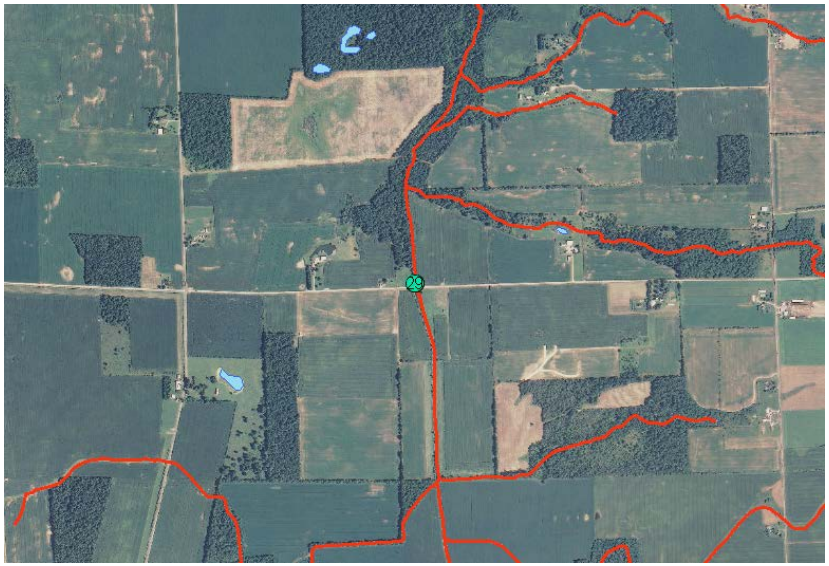
Site 29: WWU010-0065

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

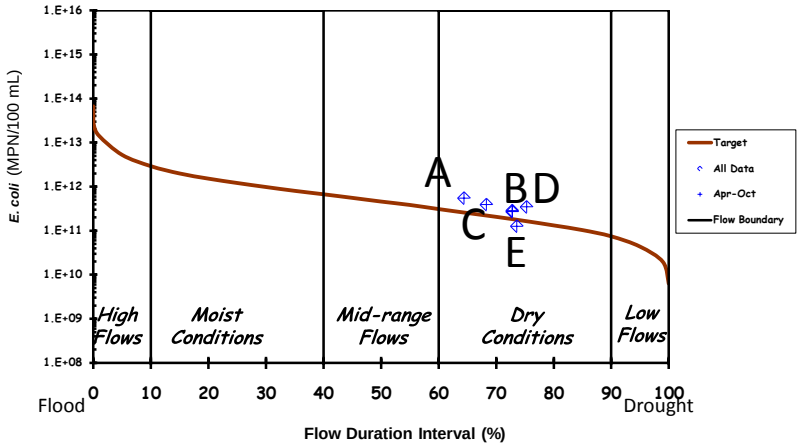
Drainage Area:
241 square miles

Cabin Creek at CR 400 S

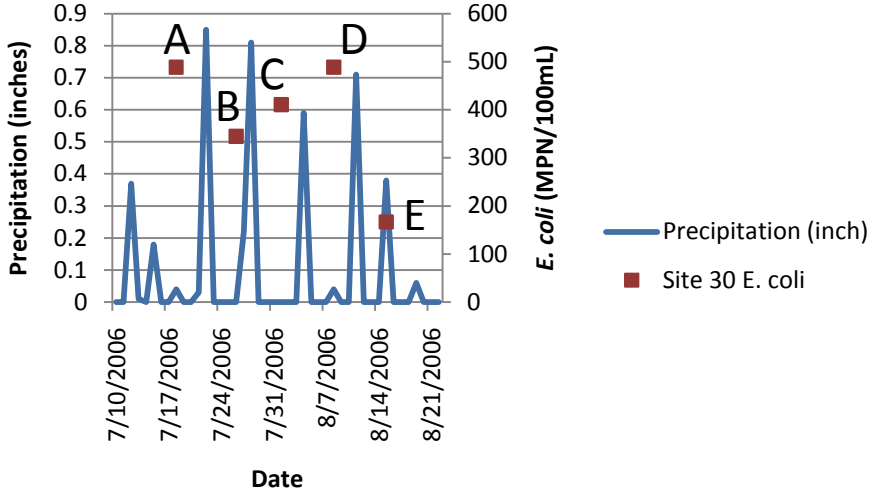
2006 Monitoring Data

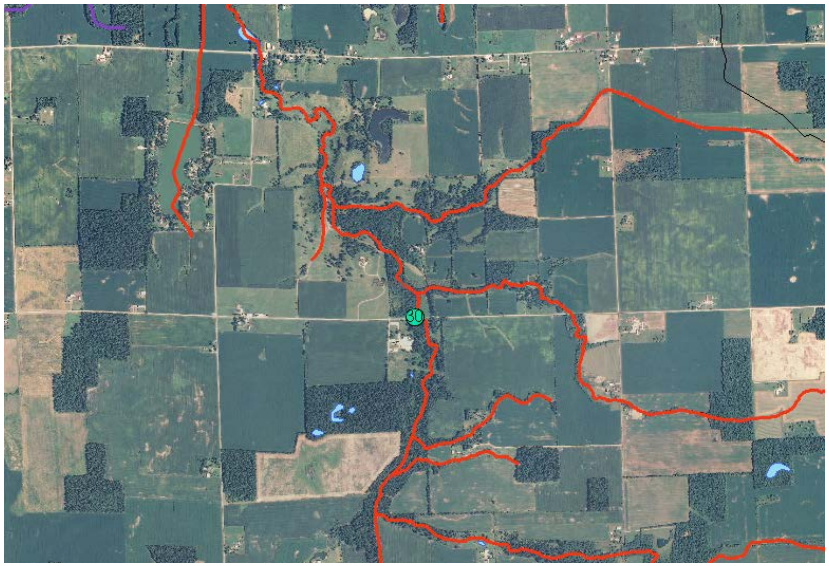
Site 30: WWU010-0056

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000 Drainage Area:

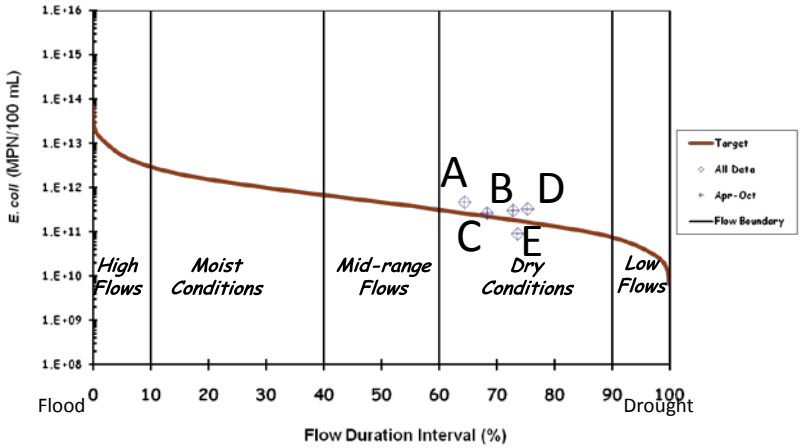
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Cabin Creek at Windsor Pike

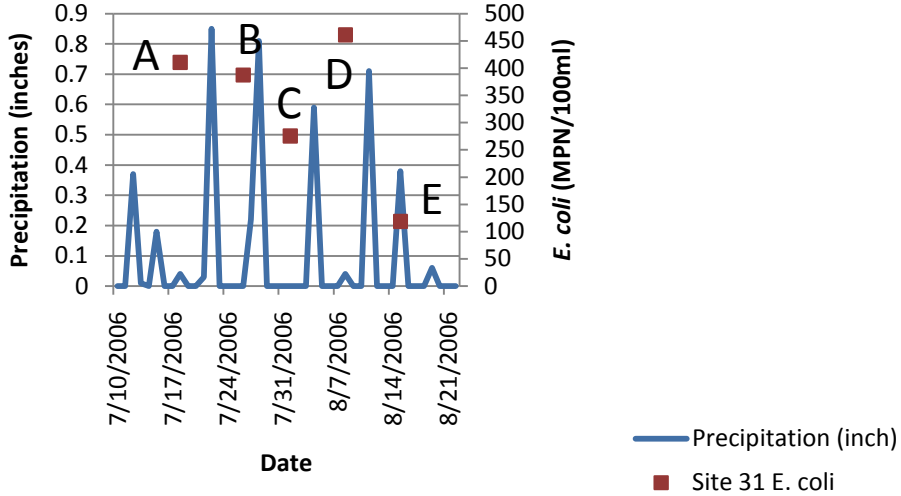
2006 Monitoring Data

Site 31: WWU010-0003

Load Duration Curve



Precipitation Graph



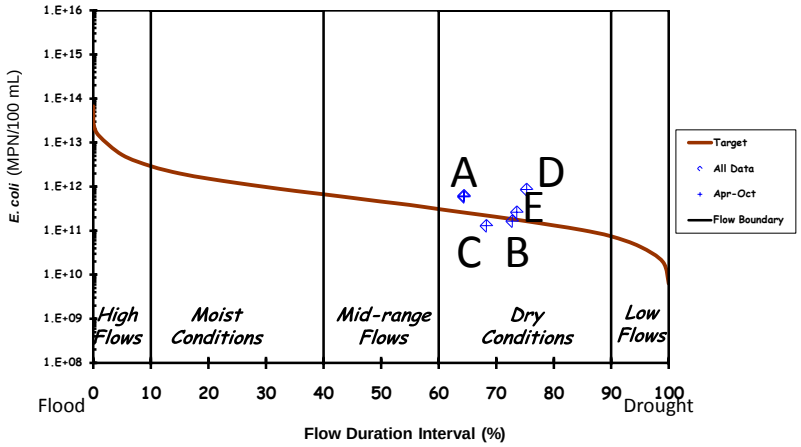
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

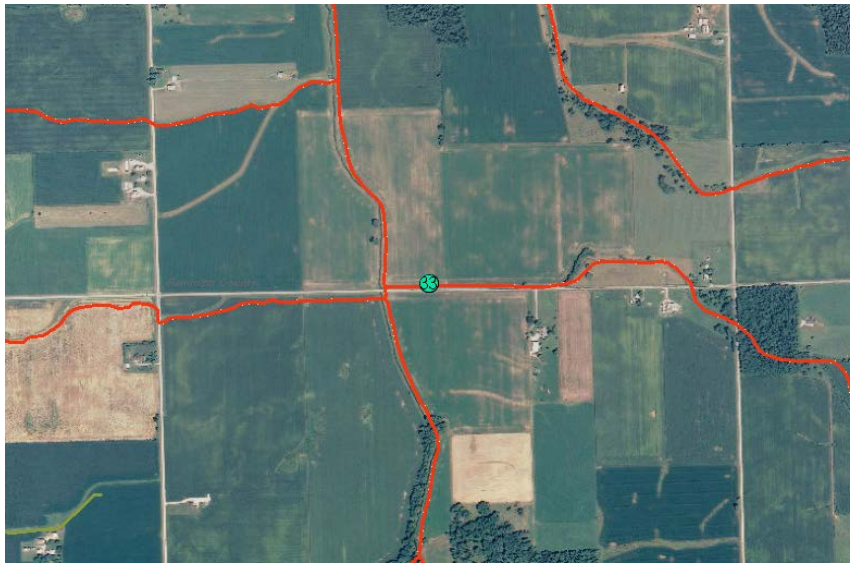
Little White River at CR 600 S

2006 Monitoring Data

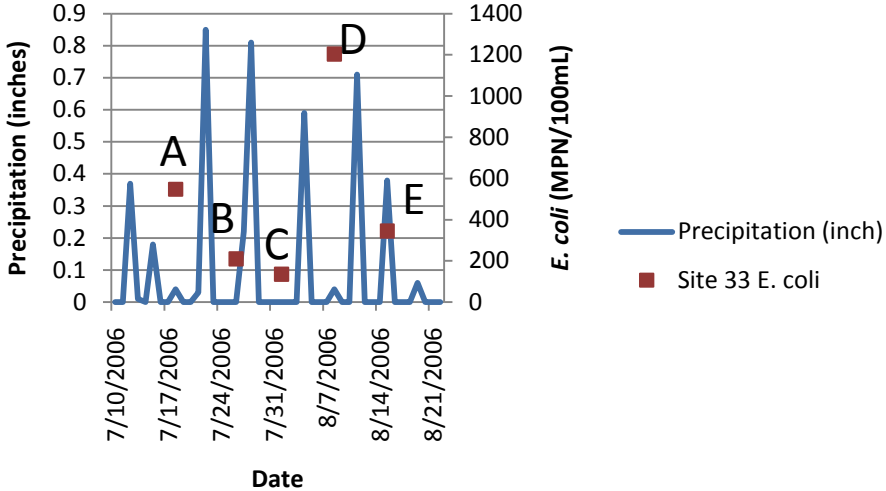
Site 33: WWU010-0055

Load Duration Curve





Precipitation Graph



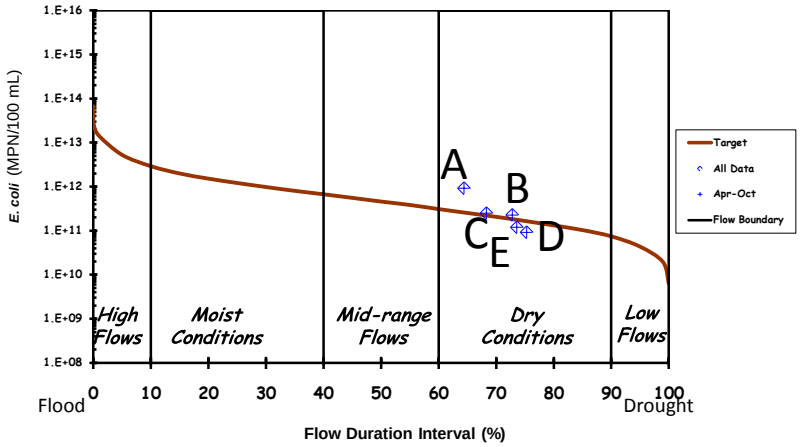
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Poplar Run at CR 900 W

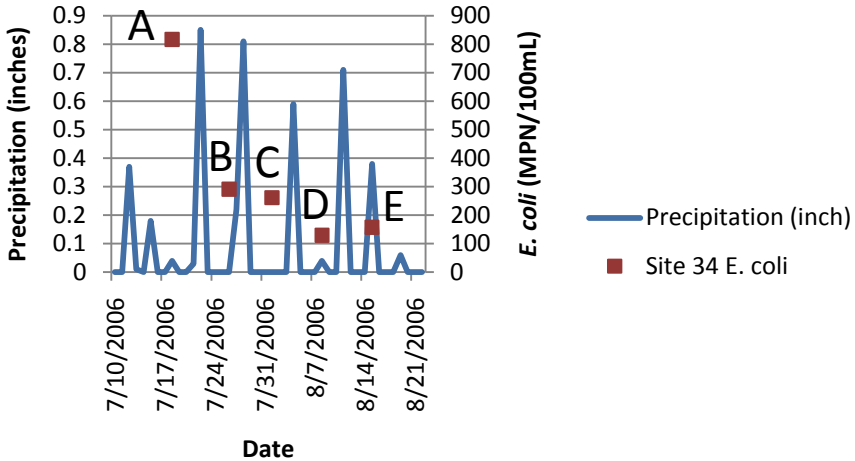
2006 Monitoring Data

Site 34: WWU010-0054

Load Duration Curve



Precipitation Graph



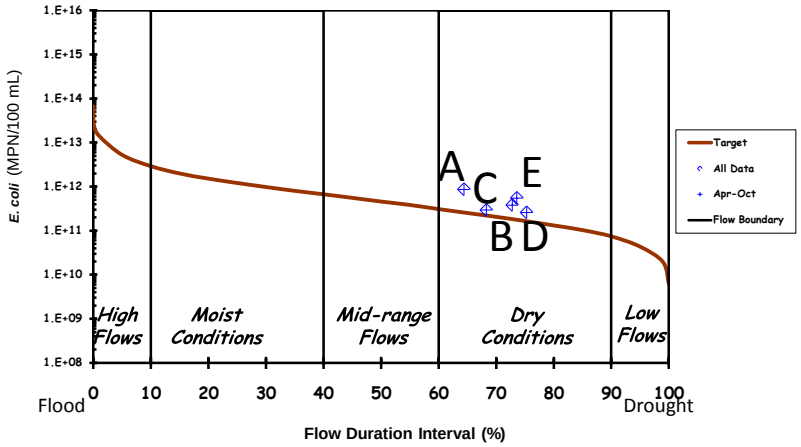
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Little White River at CR 1150 W

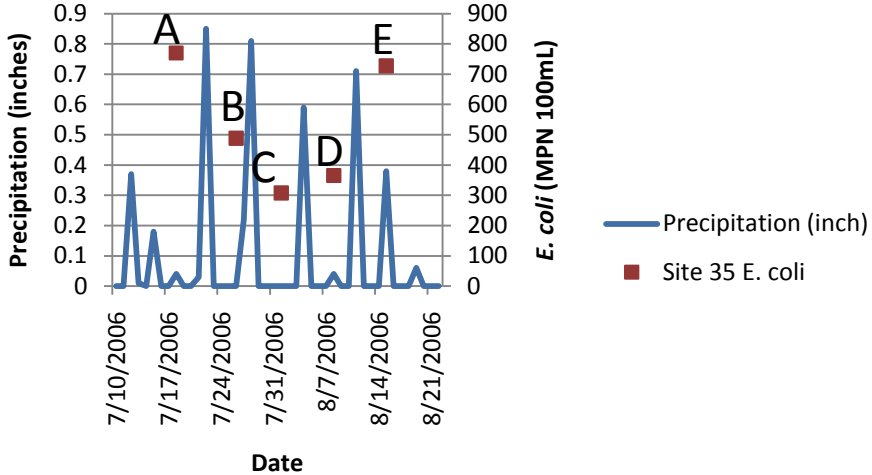
2006 Monitoring Data

Site 35: WWU010-0050

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

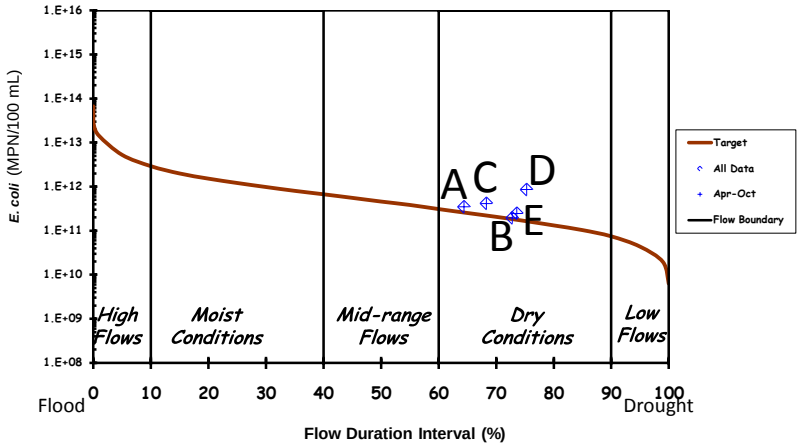
Drainage Area:
241 square miles

Stoney Creek at County Line Road

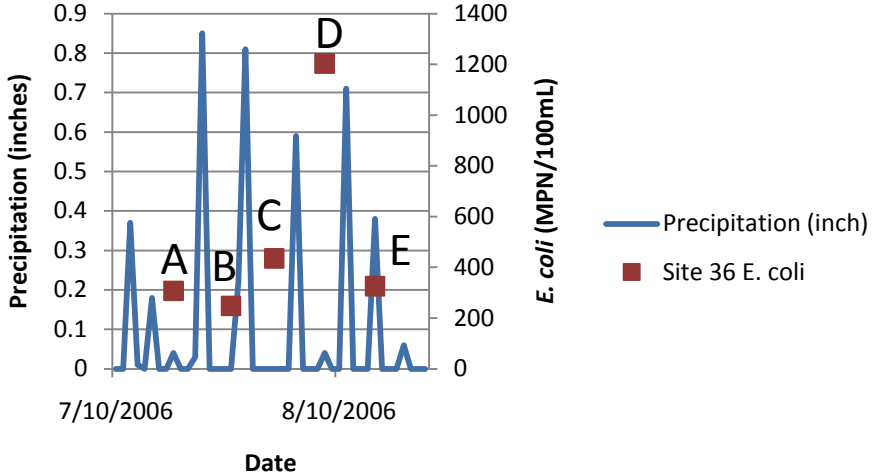
2006 Monitoring Data

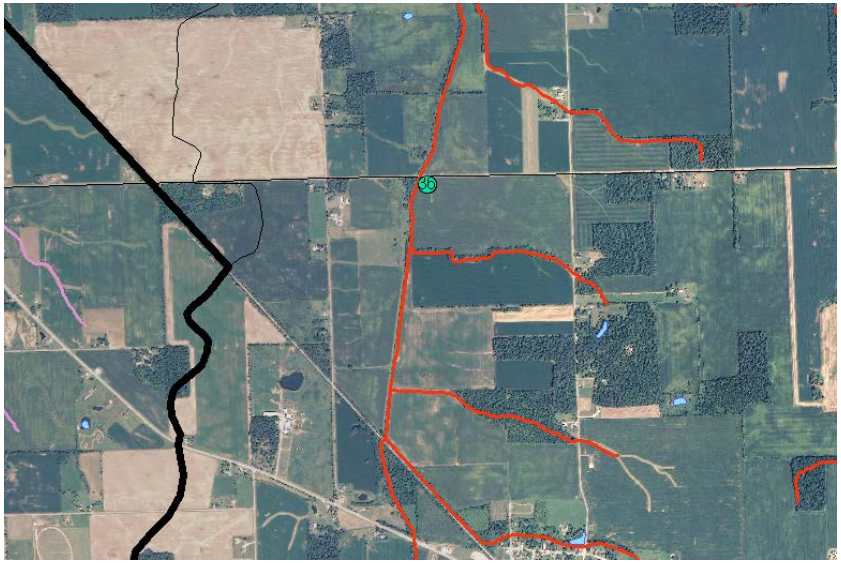
Site 36: WWU010-0053

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

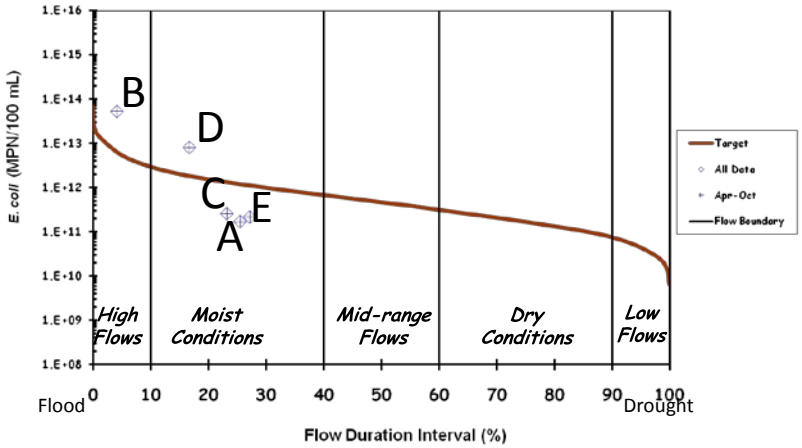
Drainage Area:
241 square miles

Little Stoney Creek at CR 875 E

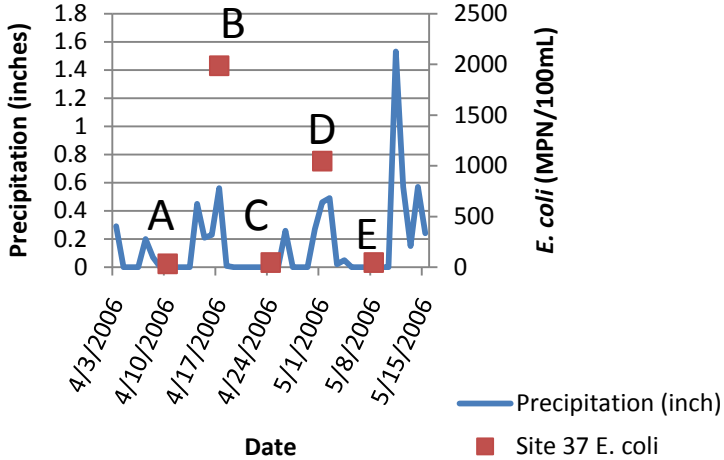
2006 Monitoring Data

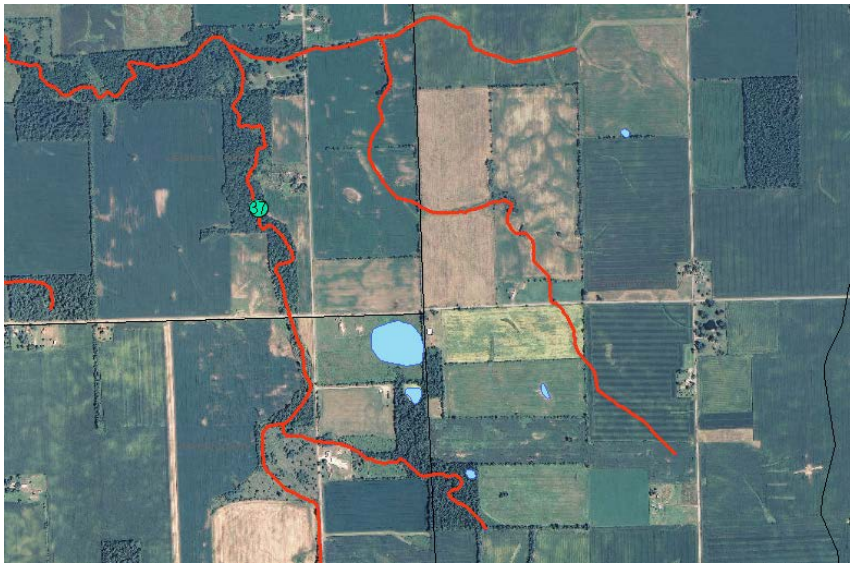
Site 37: WWU010-0037

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

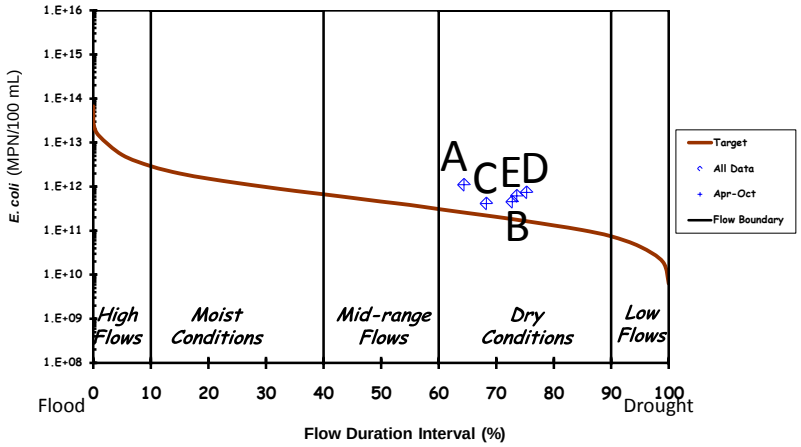
Drainage Area:
241 square miles

Little Stoney Creek at CR 775 E

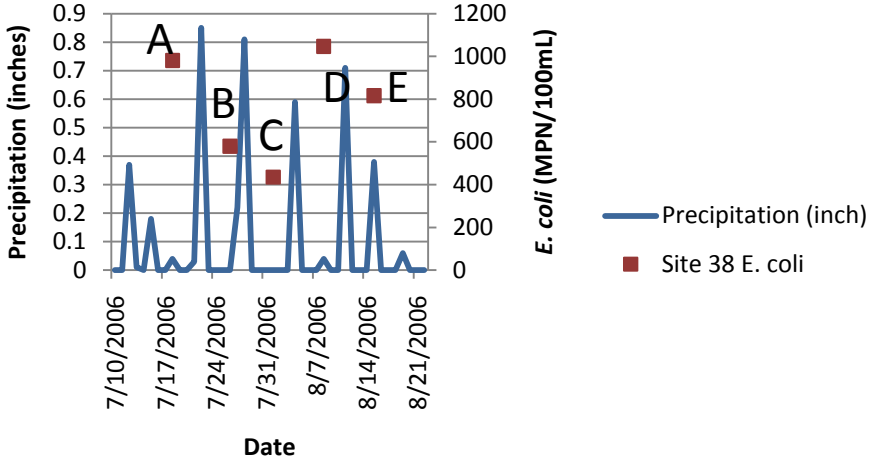
2006 Monitoring Data

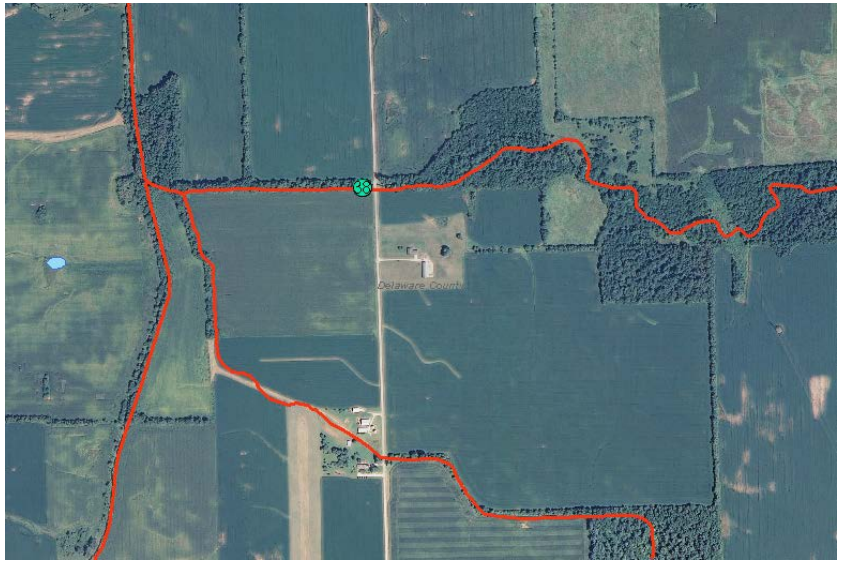
Site 38: WWU010-0052

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

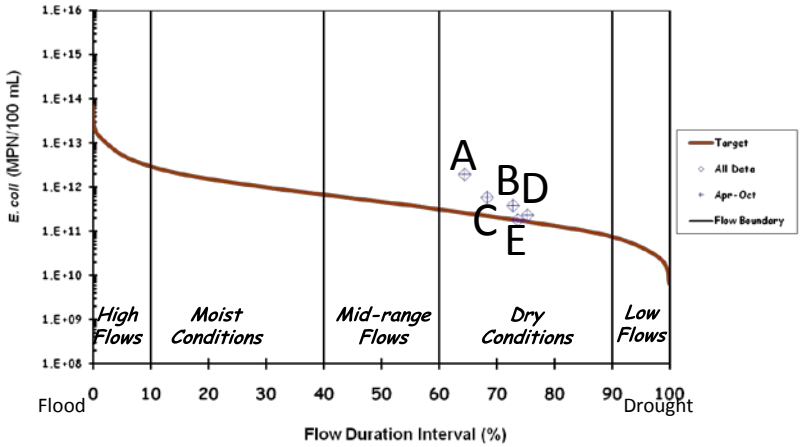
Drainage Area:
241 square miles

Stoney Creek at CR 700 S

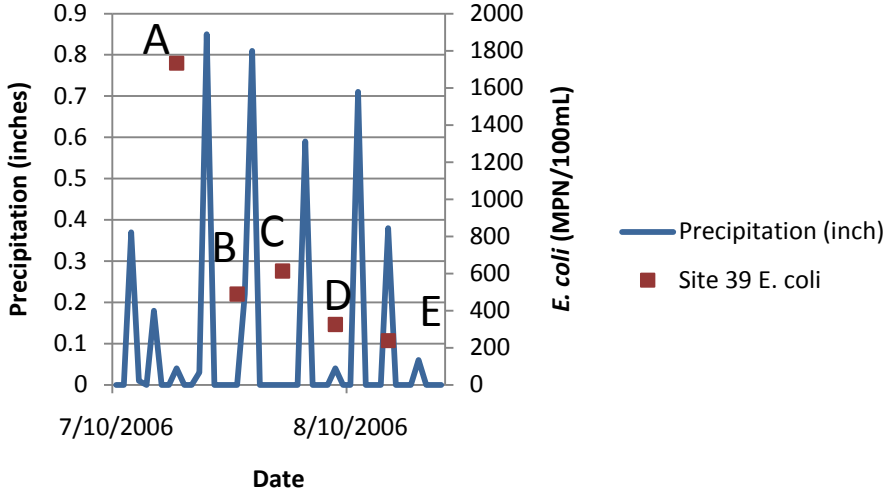
2006 Monitoring Data

Site 39: WWU010-0051

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

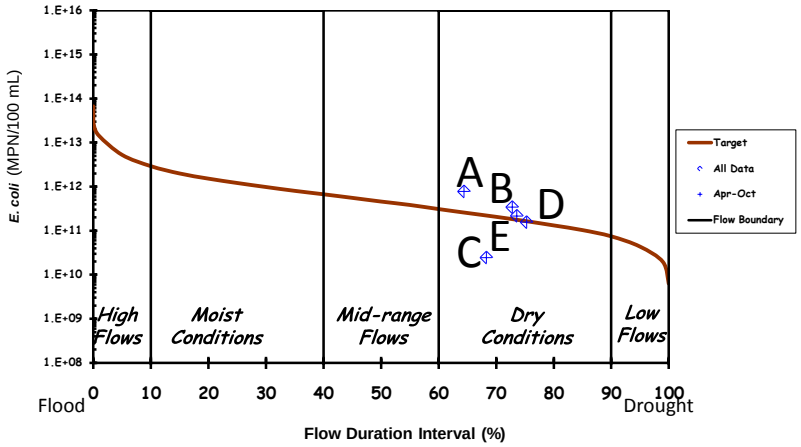
Drainage Area:
241 square miles

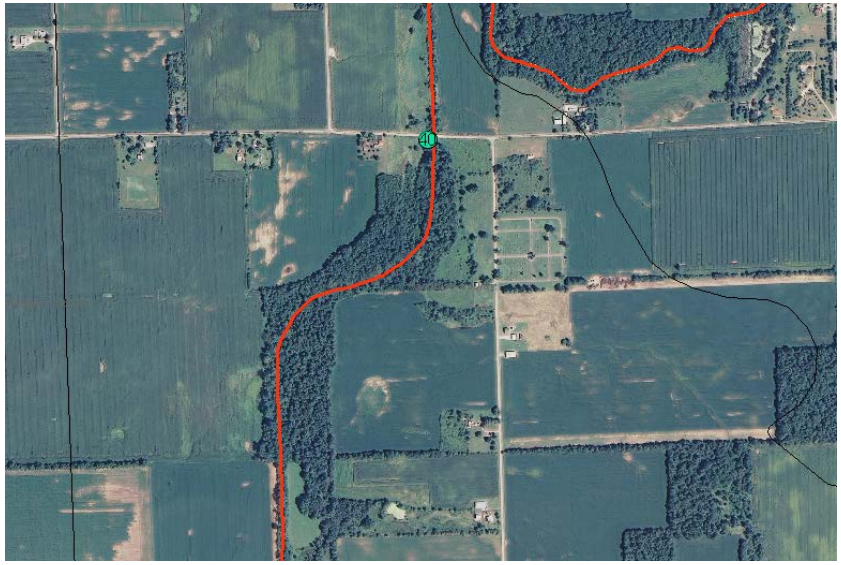
Stoney Creek at CR 200 S

2006 Monitoring Data

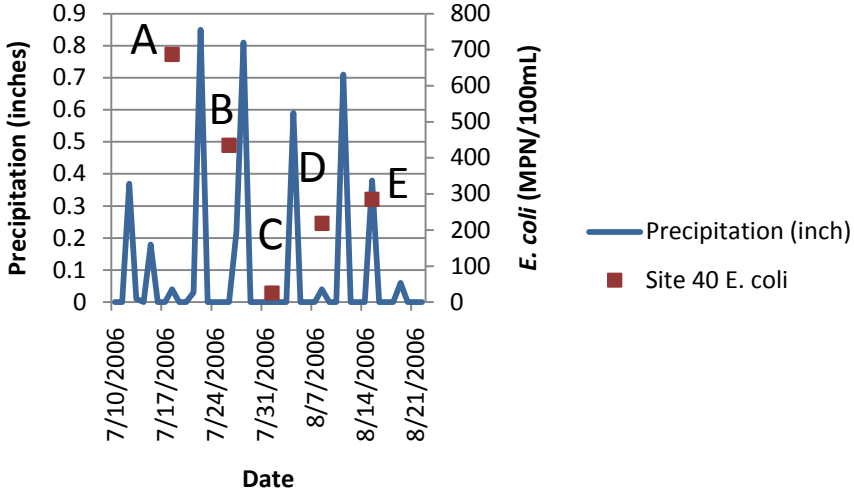
Site 40: WWU010-0049

Load Duration Curve





Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

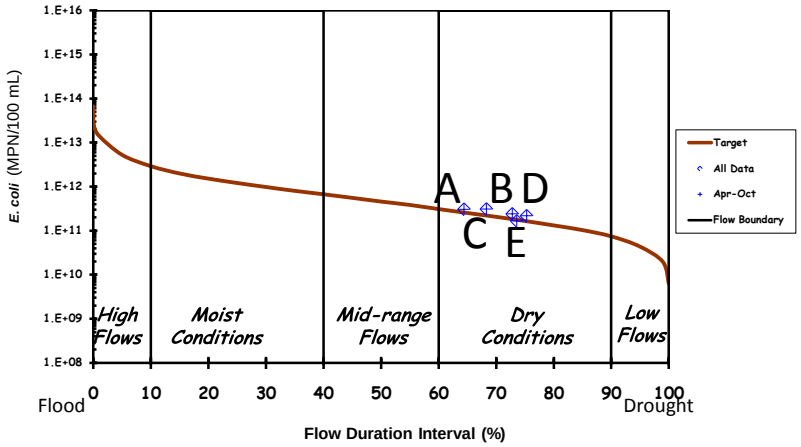
Winchester, IN Precipitation Station – State Climate Office 241 square miles

White River, West Fork at Oak Street

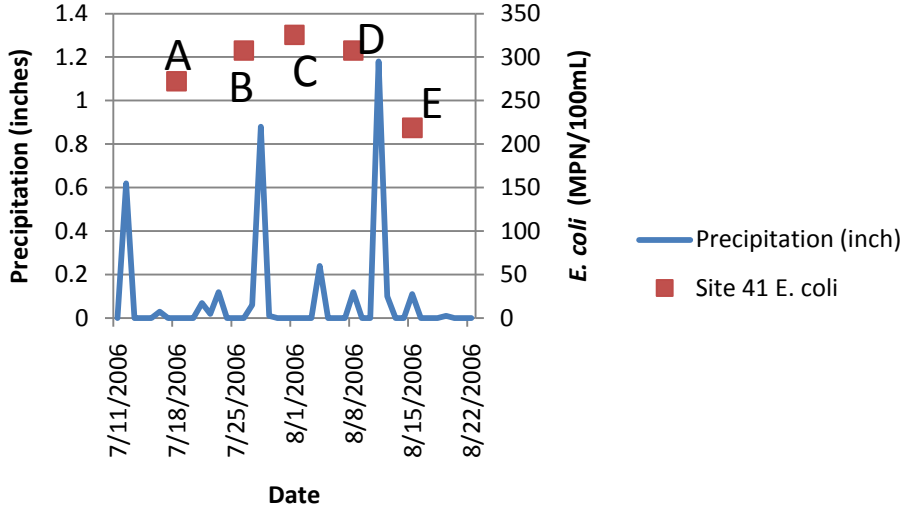
2006 Monitoring Data

Site 41: WWU010-0047

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

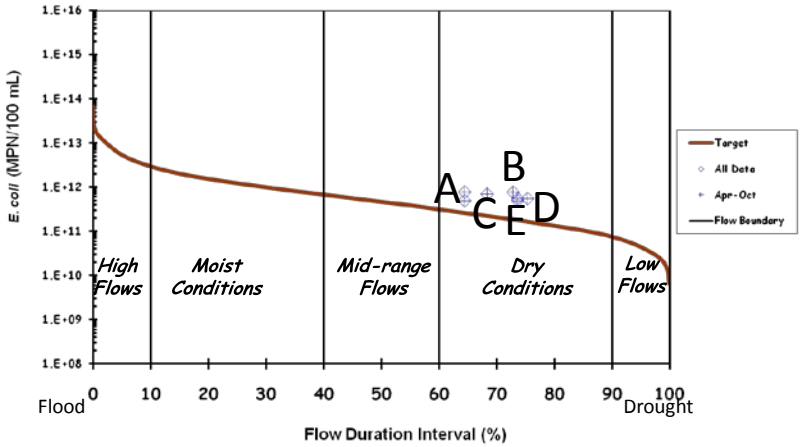
Drainage Area: 241 square miles

Stoney Creek at CR 1225 W

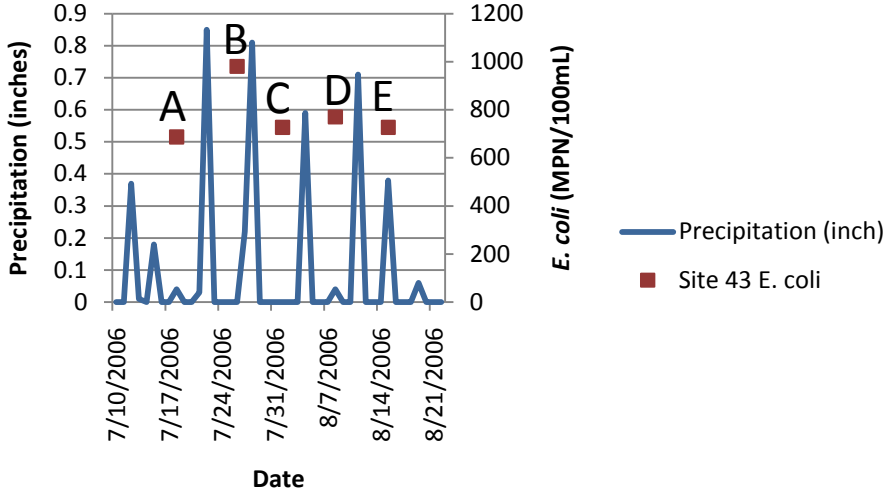
2006 Monitoring Data

Site 43: WWU010-0005

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

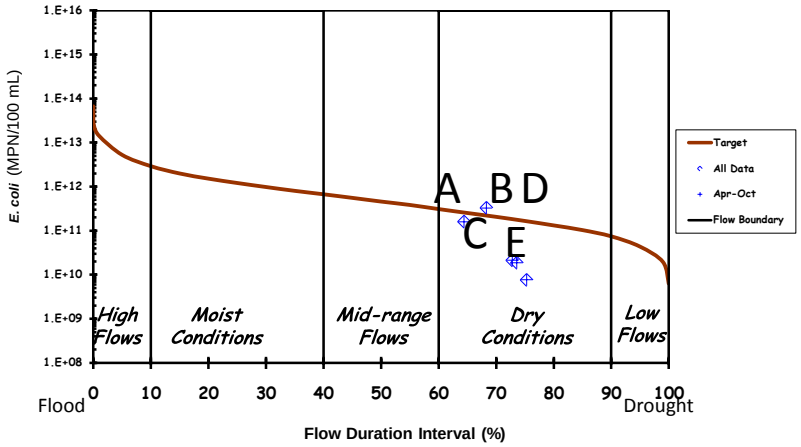
Drainage Area: 241 square miles

White River, West Fork at Smithfield Pike

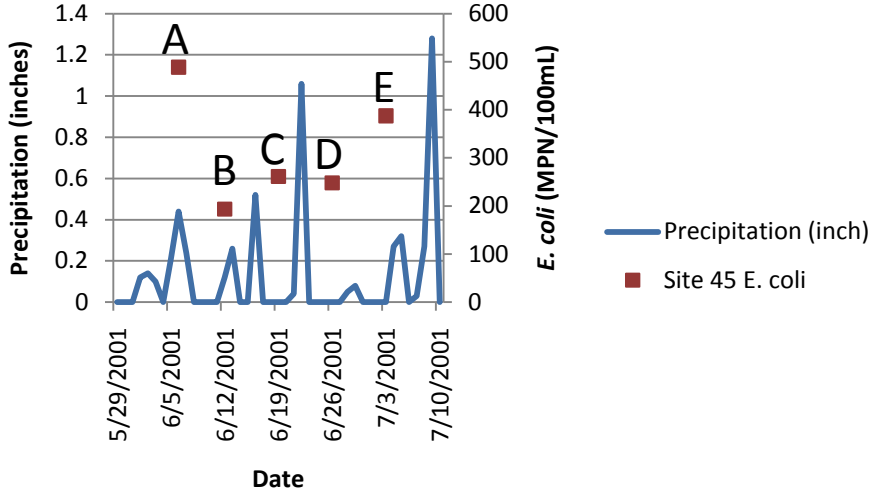
2006 Monitoring Data

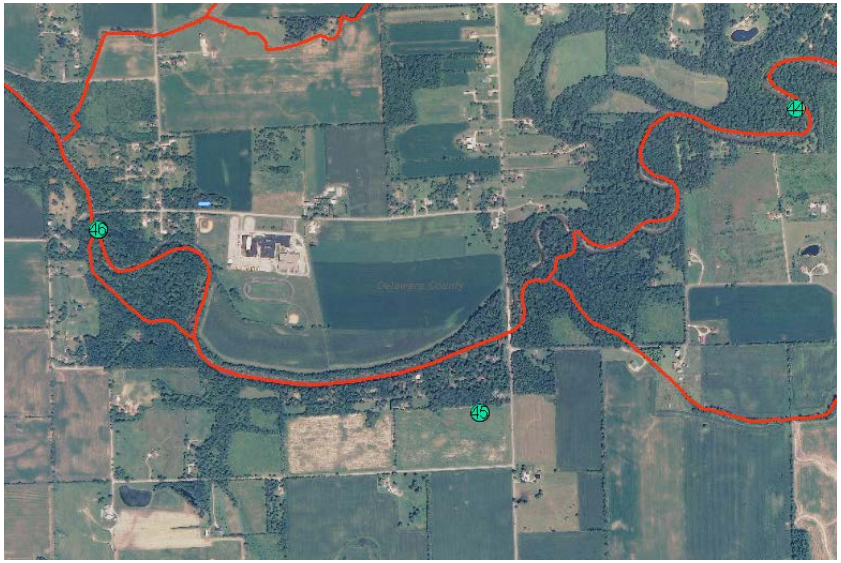
Site 45: WWU010-0046

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

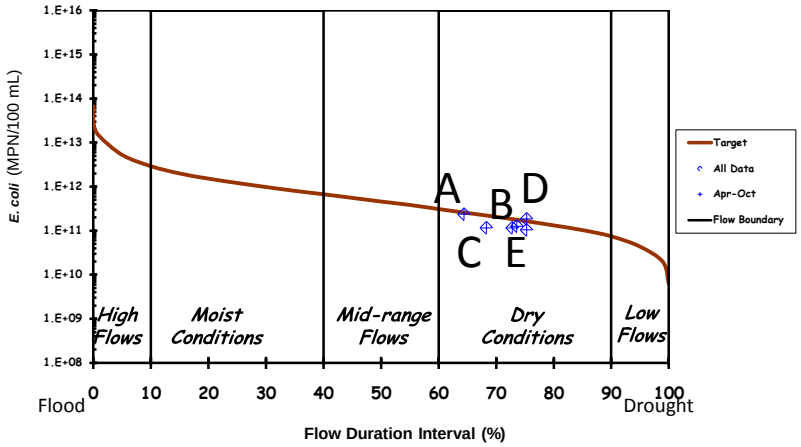
Drainage Area:
241 square miles

Mud Creek at Smithfield Pike

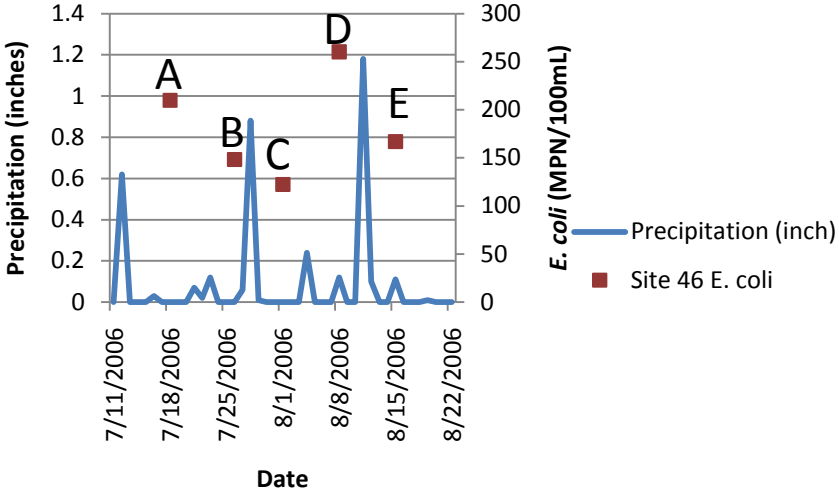
2006 Monitoring Data

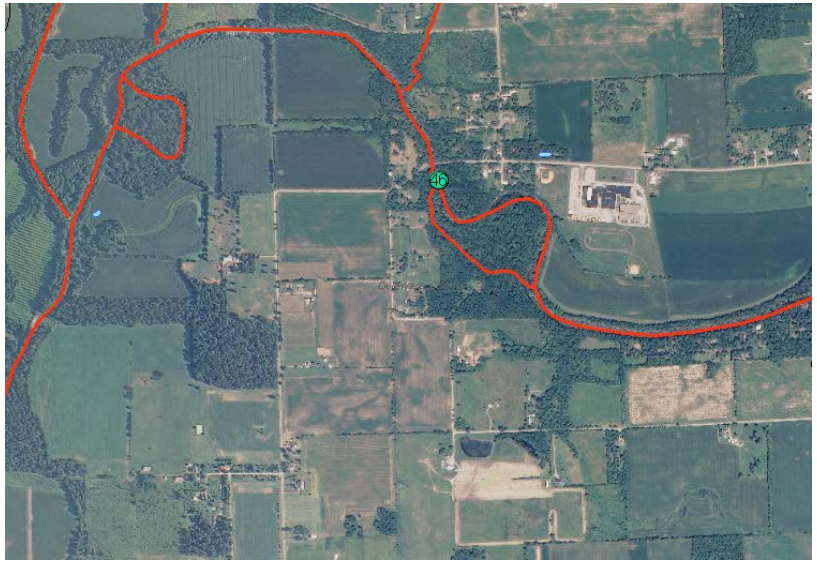
Site 46: WWU010-0045

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

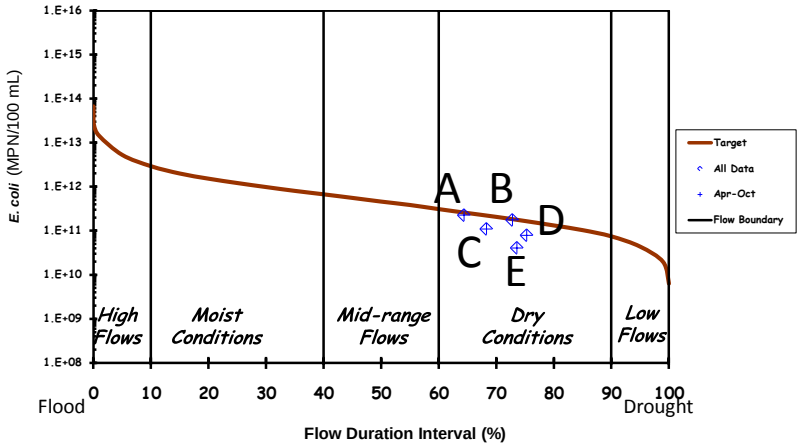
Drainage Area:
241 square miles

Mud Creek at Smithfield Pike

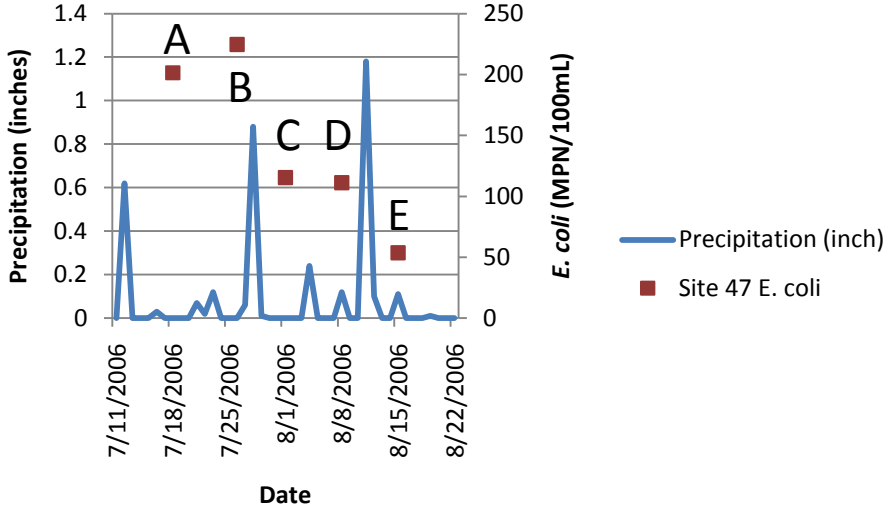
2006 Monitoring Data

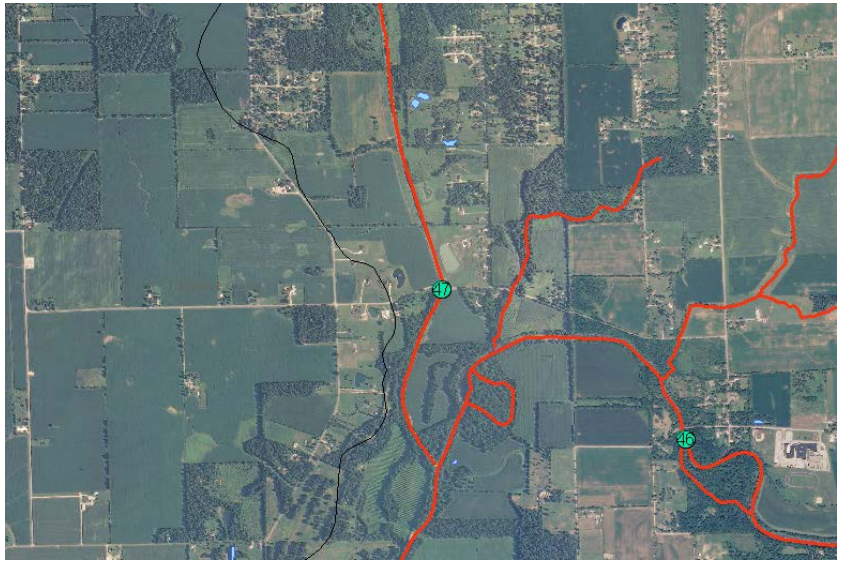
Site 47: WWU010-0044

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

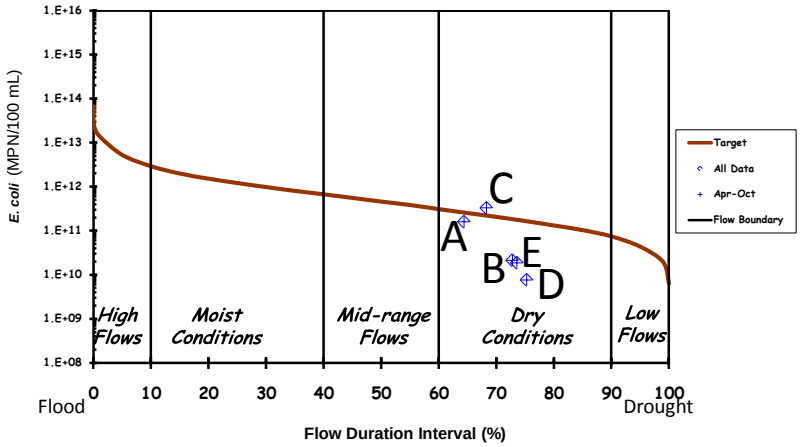
Drainage Area:
241 square miles

Prairie Creek at CR 450 E

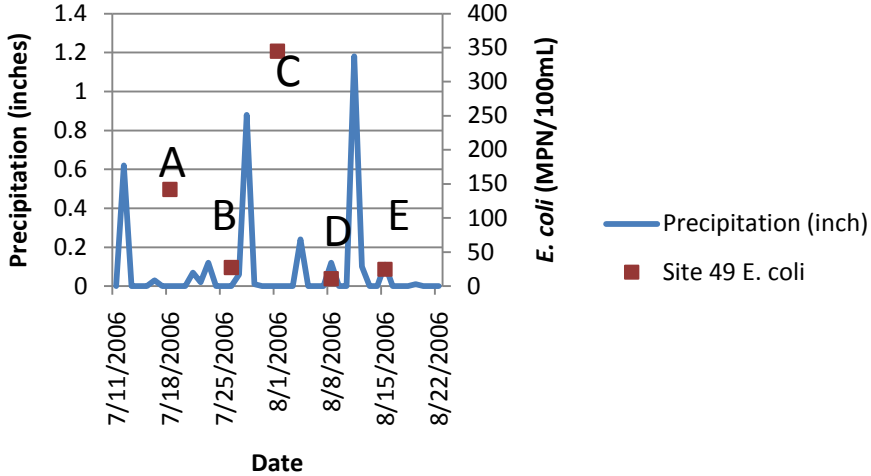
2006 Monitoring Data

Site 49: WWU010-0046

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

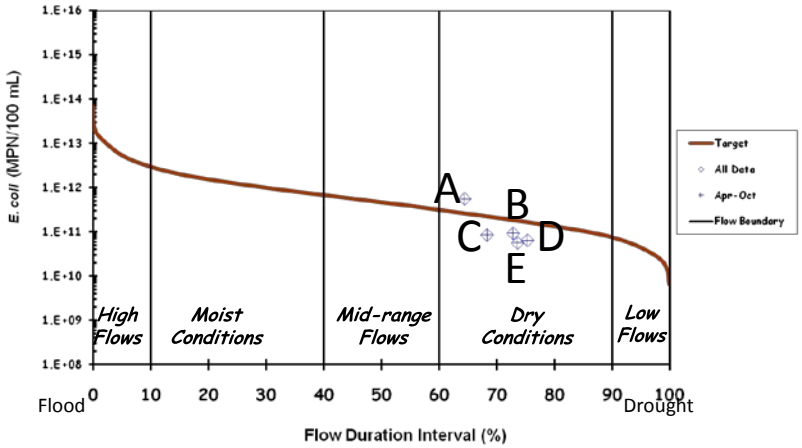
Drainage Area:
241 square miles

Medford Drain at CR 322 S

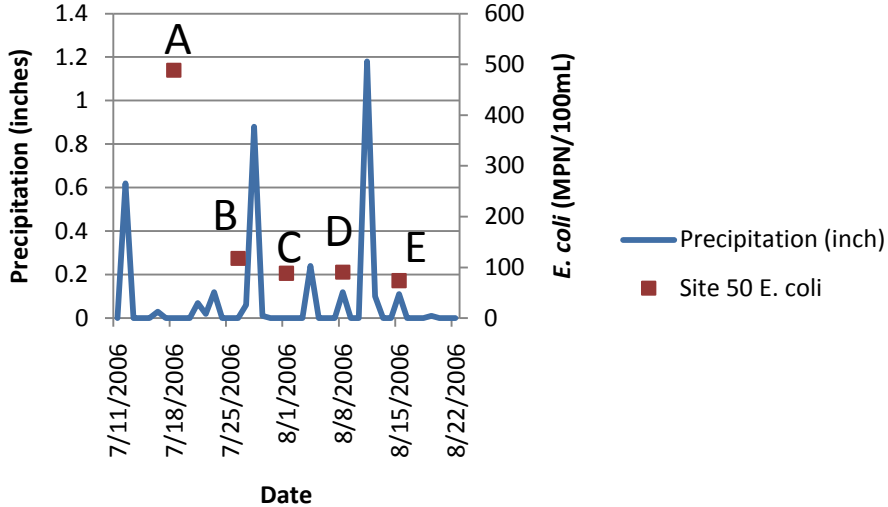
2006 Monitoring Data

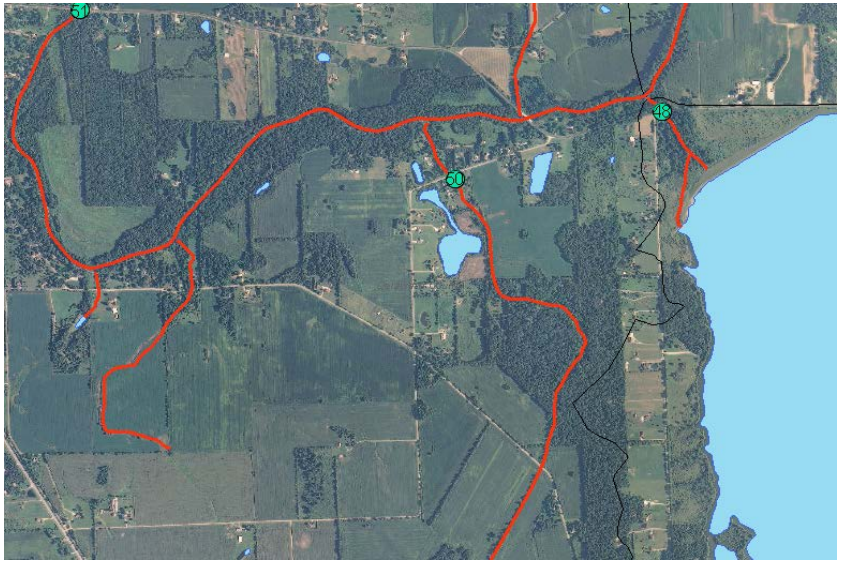
Site 50: WWU010-0043

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

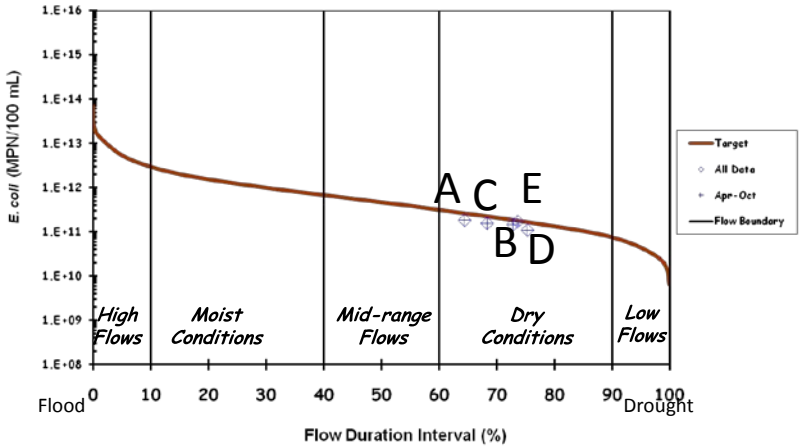
Drainage Area:
241 square miles

White River, West Fork at E Jackson St

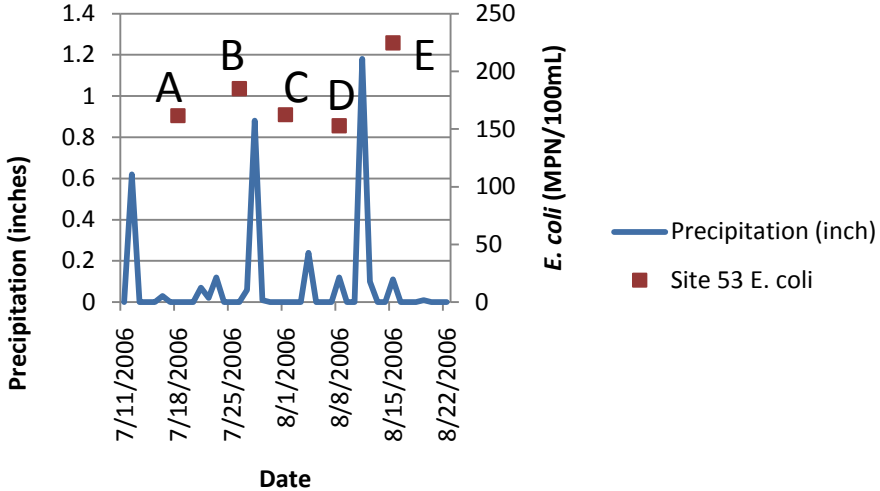
2006 Monitoring Data

Site 53: WWU010-0042

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

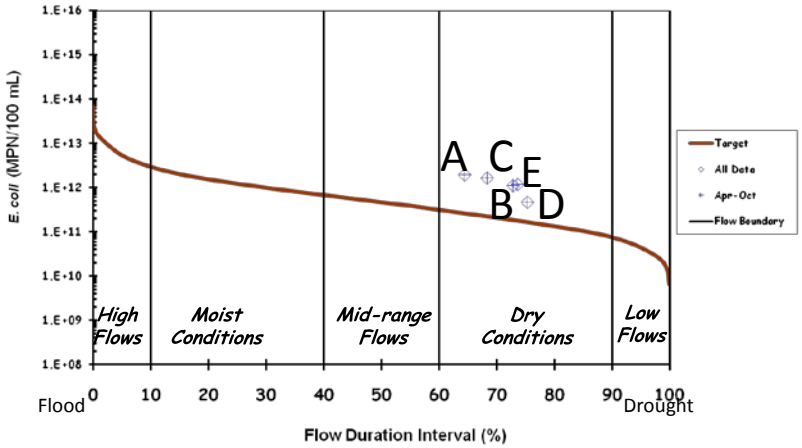
Drainage Area:
241 square miles

Muncie Creek at Highland Avenue

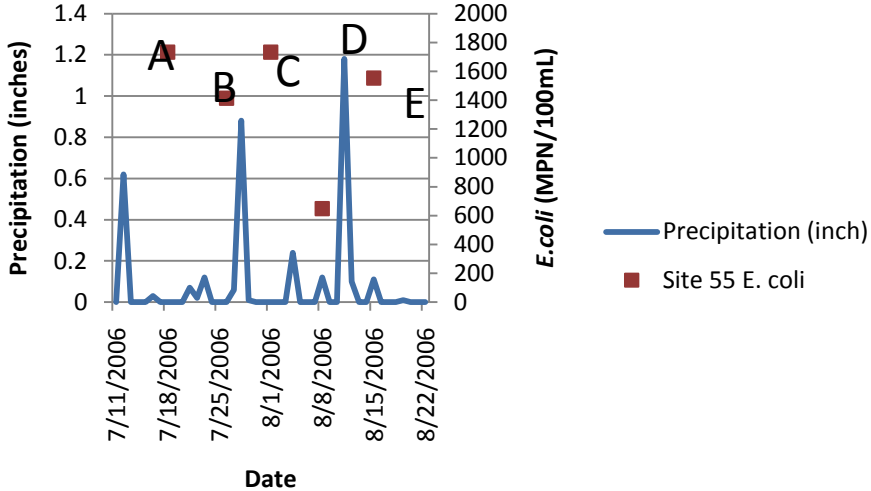
2006 Monitoring Data

Site 55: WWU010-0020

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

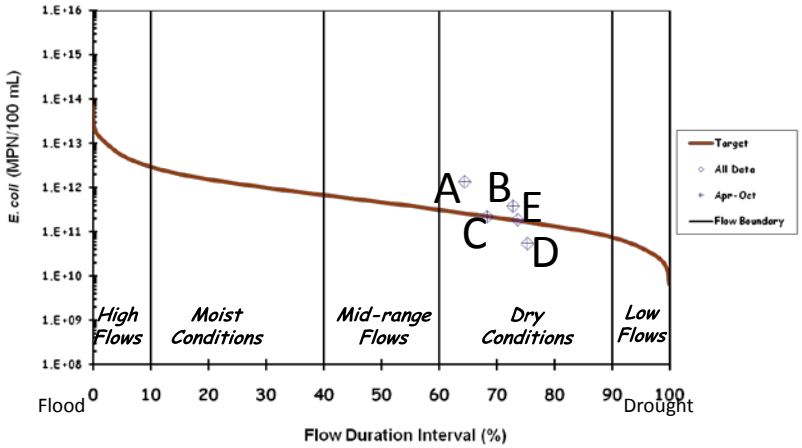
Drainage Area:
241 square miles

Muncie Creek at US 35

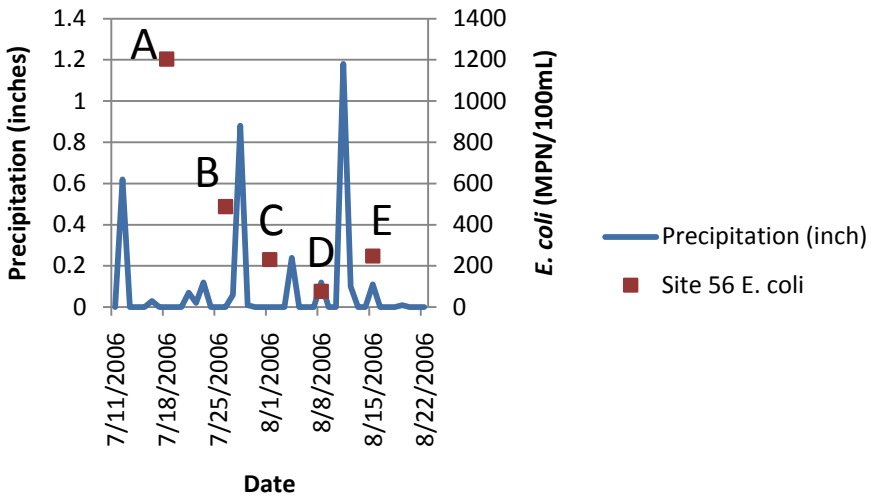
2006 Monitoring Data

Site 56: WWU010-0041

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

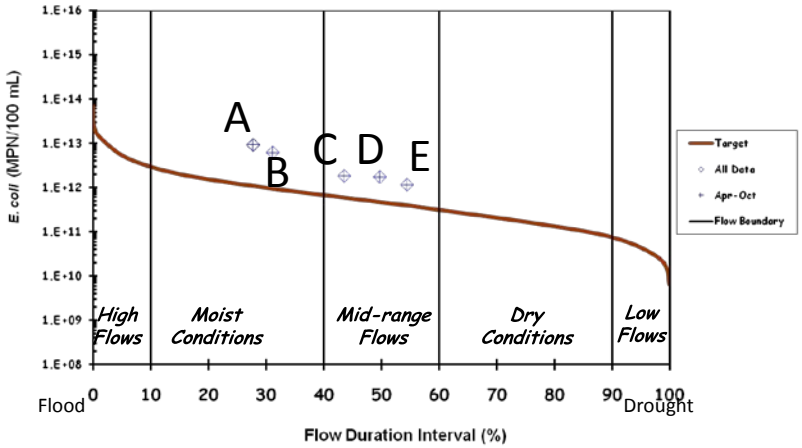
Drainage Area:
241 square miles

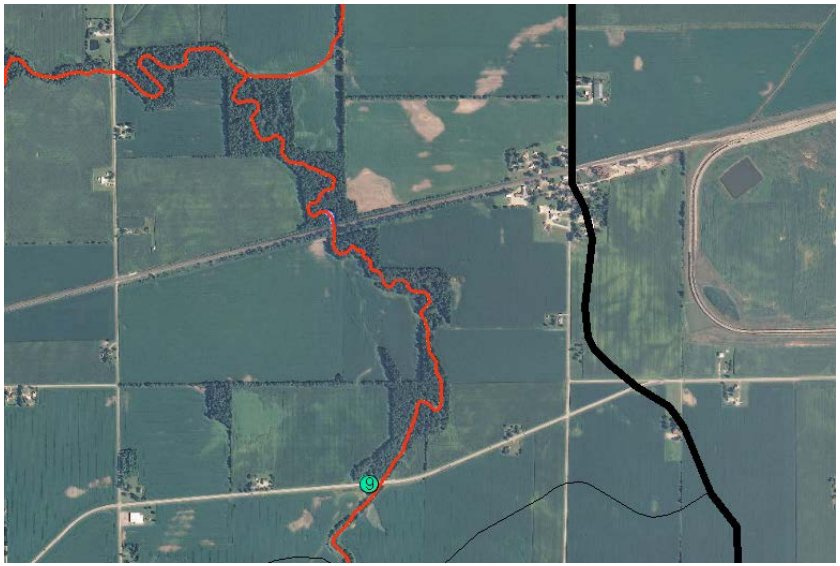
White River, West Fork at SR 32

2001 Monitoring Data

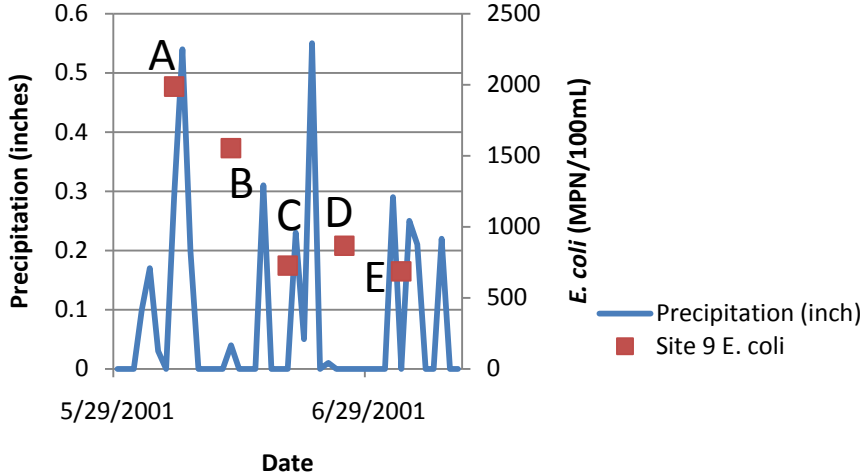
Site 9: WWU010-0021

Load Duration Curve





Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

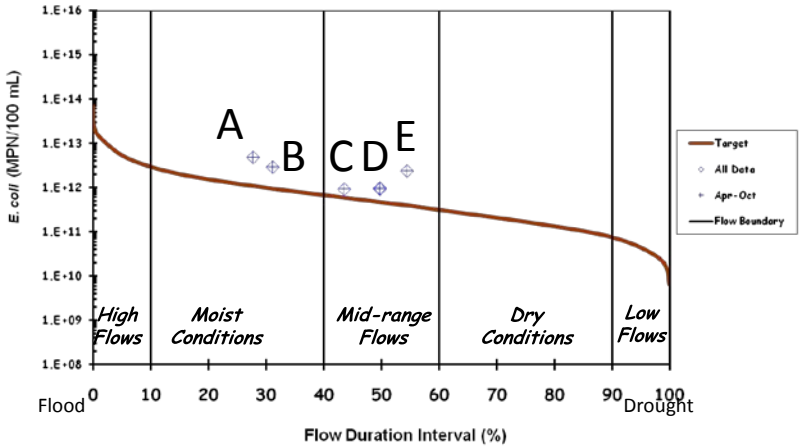
Winchester, IN Precipitation Station – State Climate Office 241 square miles

White River, West Fork at US 27 Bridge

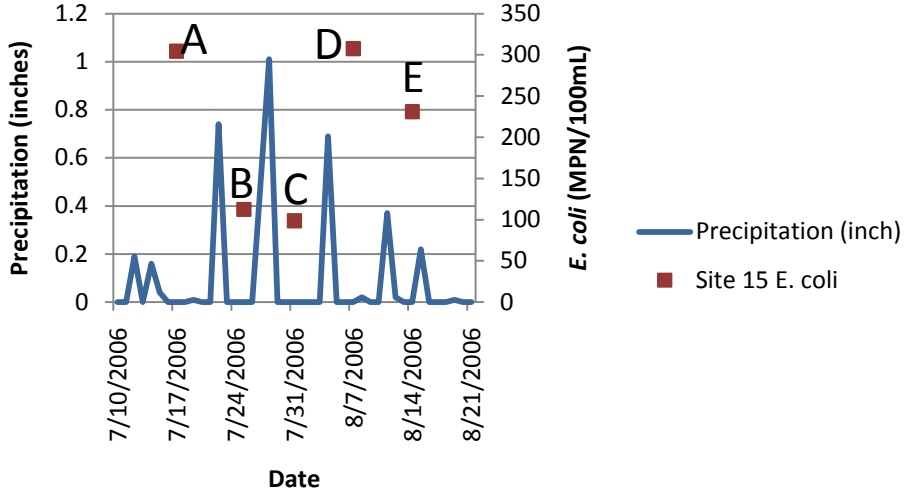
2001 Monitoring Data

Site 15: WWU010-0006

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

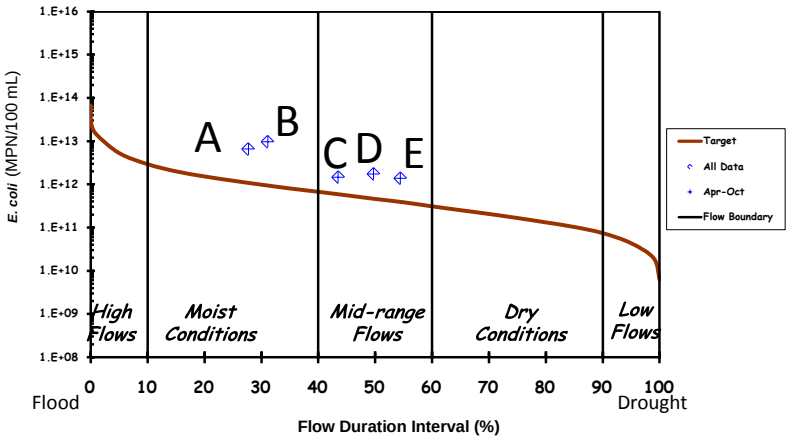
Winchester, IN Precipitation Station – State Climate Office 241 square miles

White River, West Fork at CR 200 W

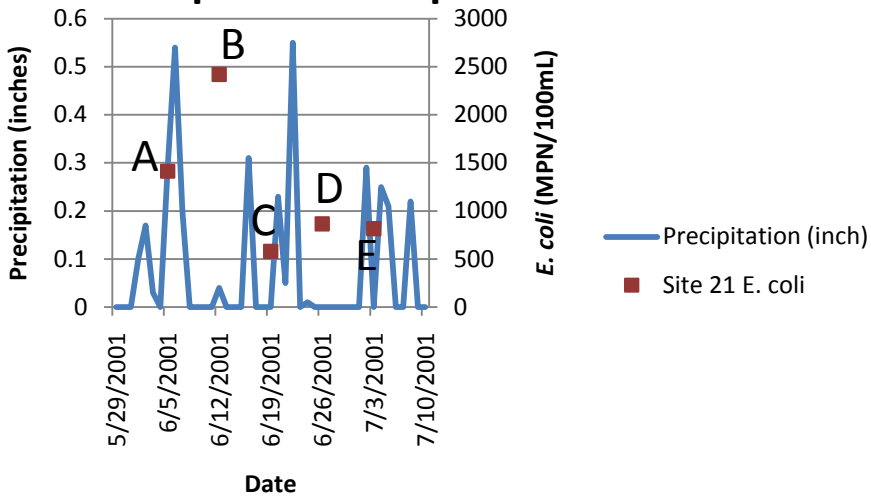
2001 Monitoring Data

Site 21: WWU010-0027

Load Duration Curve



Precipitation Graph



Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

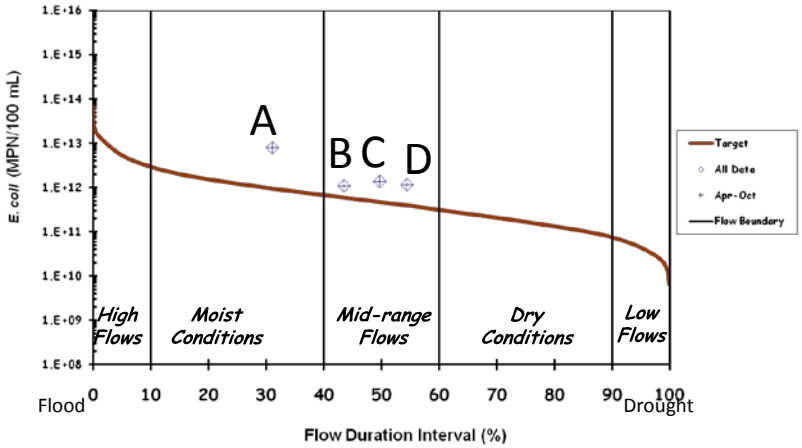
Drainage Area:
241 square miles

White River, West Fork at SR 1

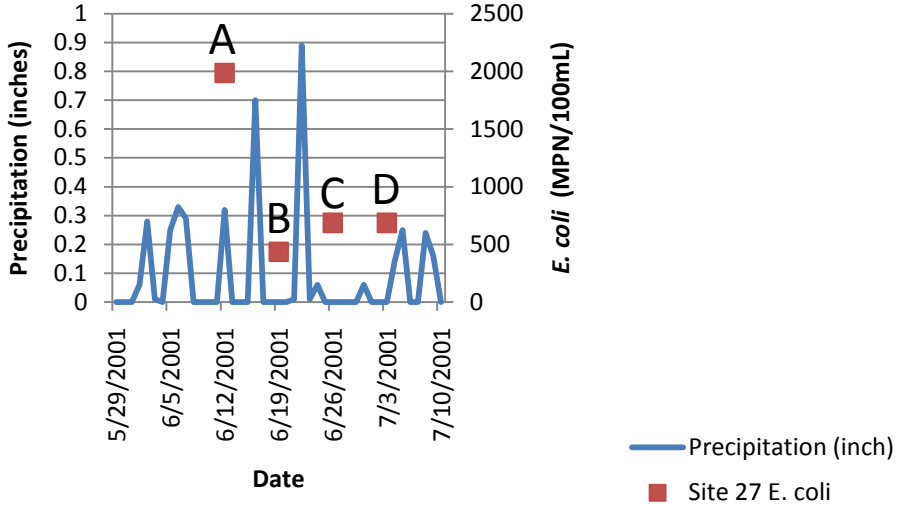
2001 Monitoring Data

Site 27: WWU010-0031

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

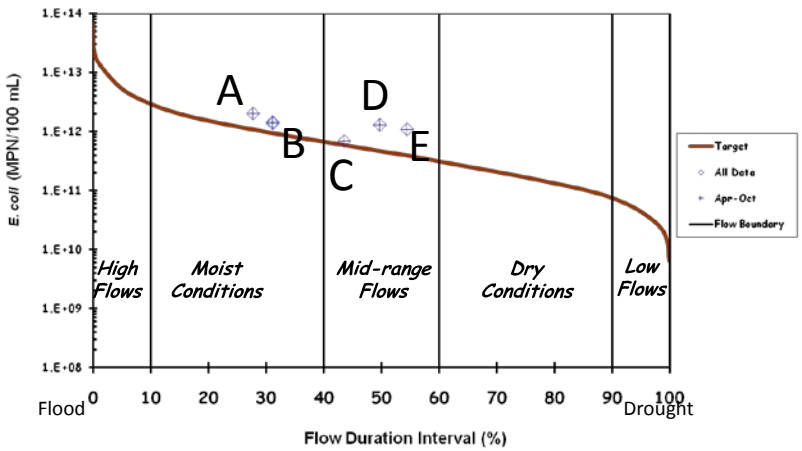
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Cabin Creek at Windsor Pike

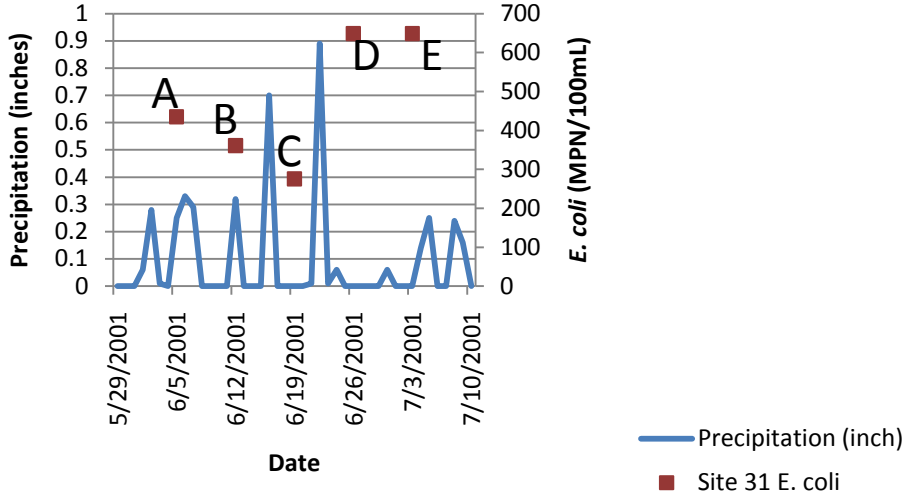
2001 Monitoring Data

Site 31: WWU010-0003

Load Duration Curve



Precipitation Graph



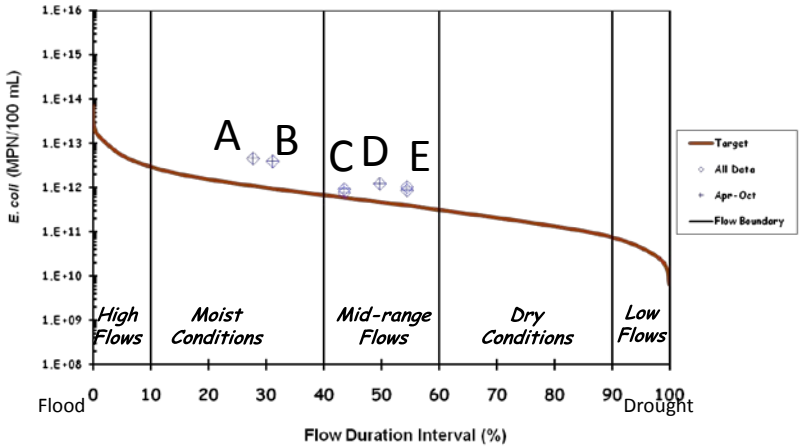
White River at Muncie, IN USGS Gage 03347000 Drainage Area:
Winchester, IN Precipitation Station – State Climate Office 241 square miles

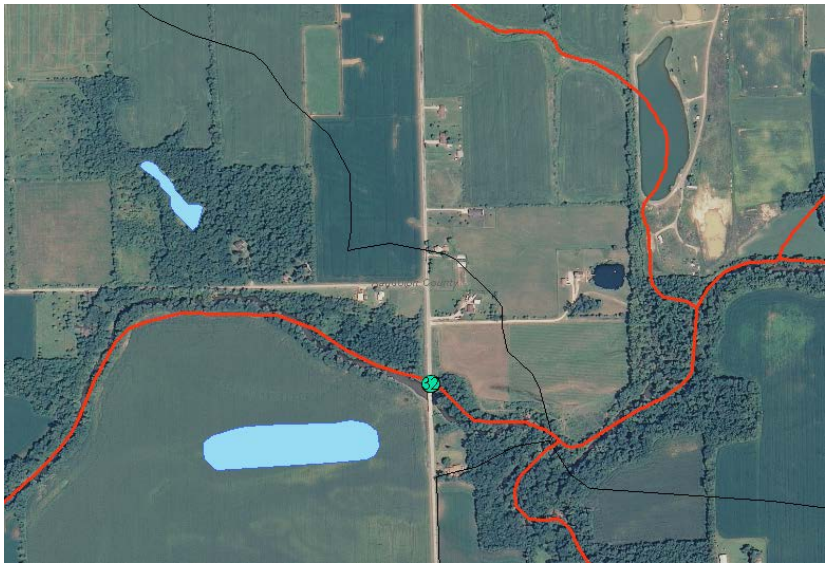
White River, West Fork at CR 1000 N

2001 Monitoring Data

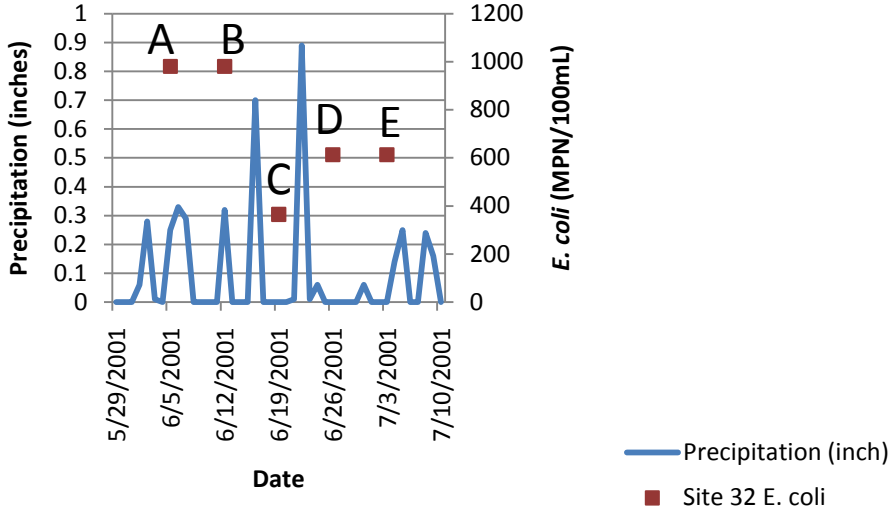
Site 32: WWU010-0026

Load Duration Curve





Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

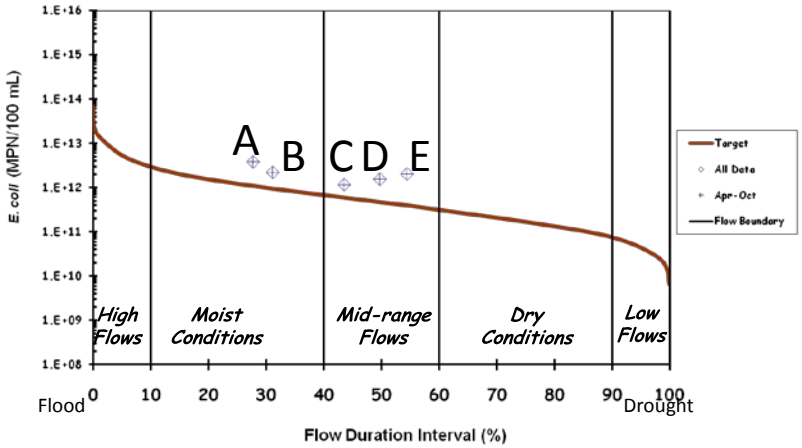
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Little White River at Windsor Pike

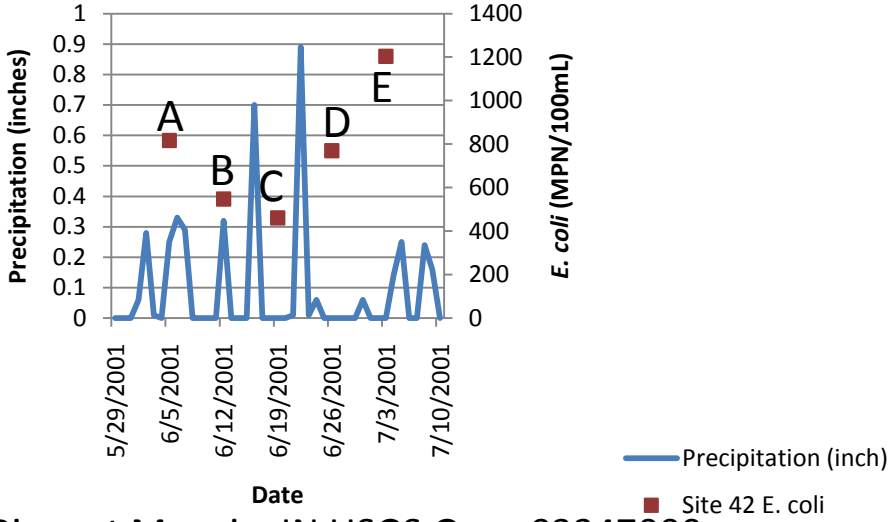
2001 Monitoring Data

Site 42: WWU010-0025

Load Duration Curve



Precipitation Graph



White River at Muncie, IN USGS Gage 03347000 Drainage Area:

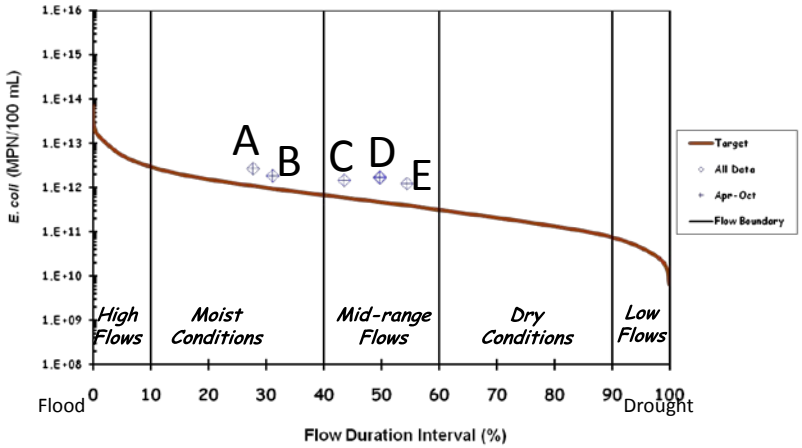
Winchester, IN Precipitation Station – State Climate Office 241 square miles

Mud Creek at CR 138 S

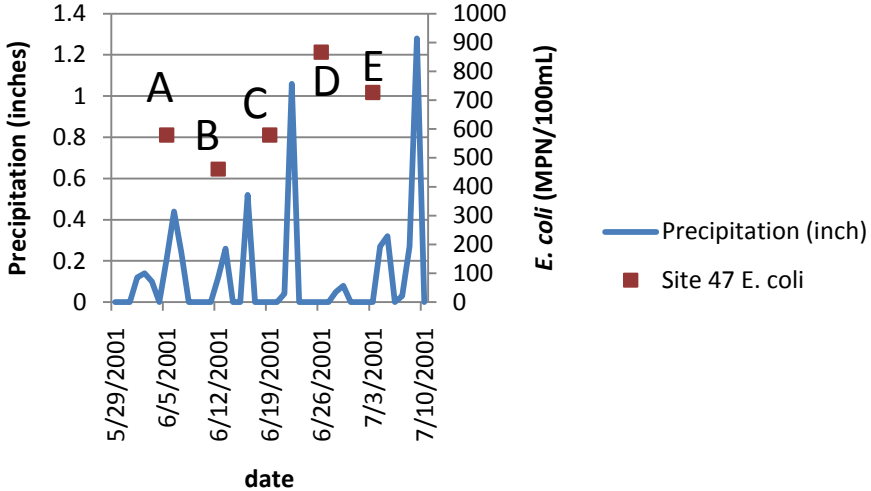
2001 Monitoring Data

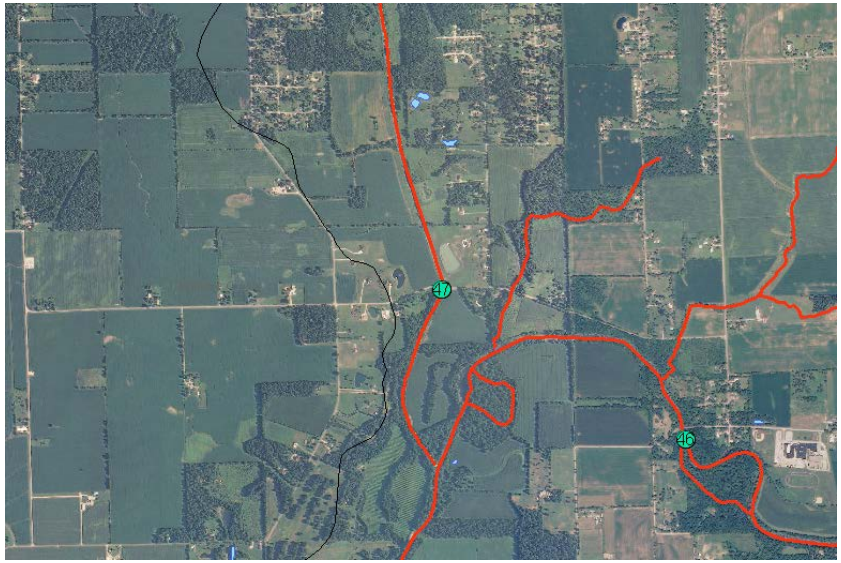
Site 47: WWU010-0028

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

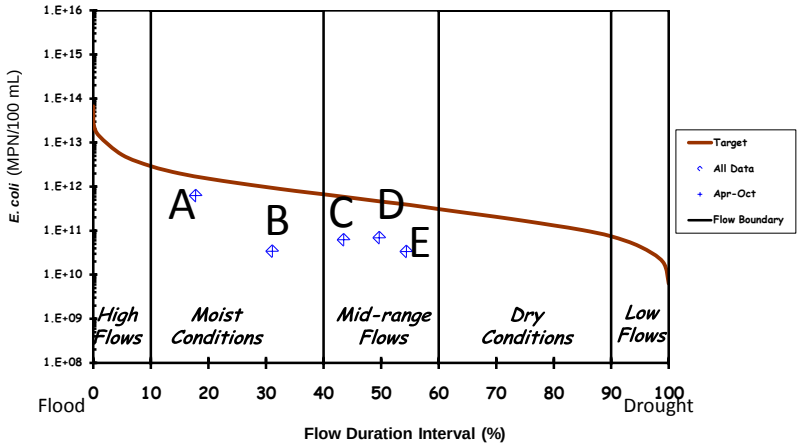
Drainage Area:
241 square miles

Prairie Creek Reservoir at CR 300 S

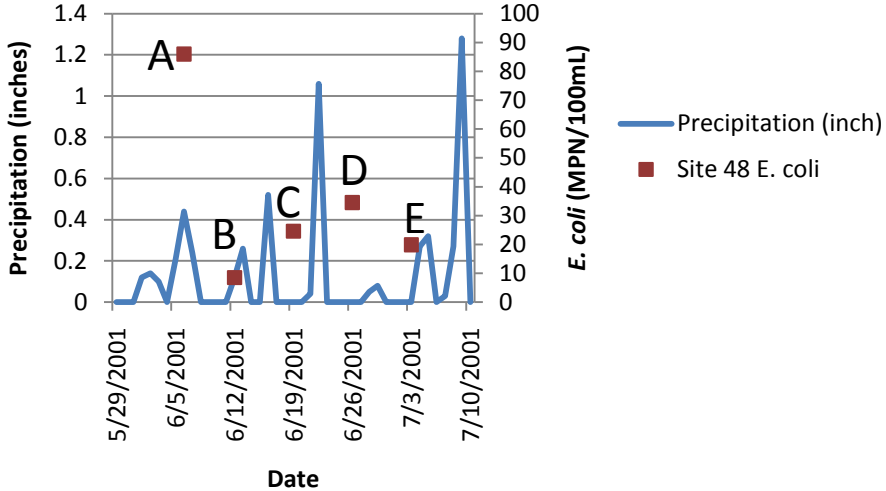
2001 Monitoring Data

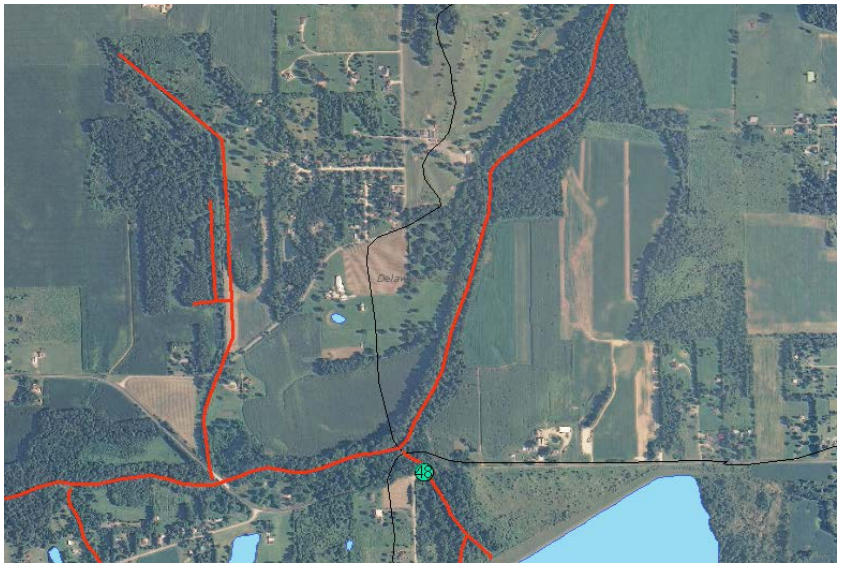
Site 48: WWU010-0022

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

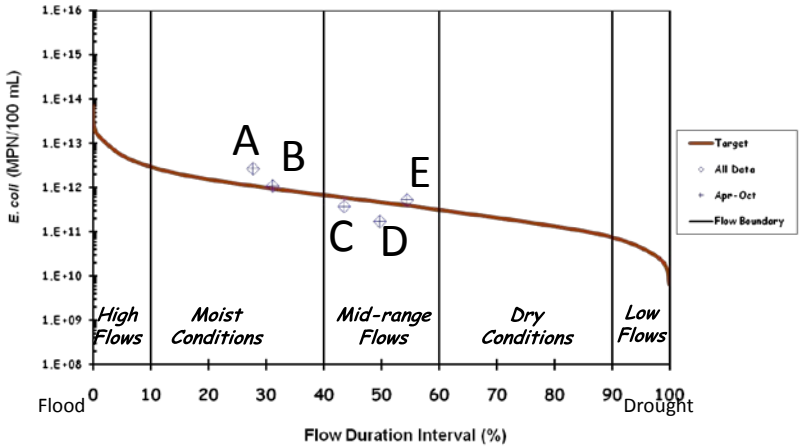
Drainage Area:
241 square miles

White River, West Fork at CR 275 S

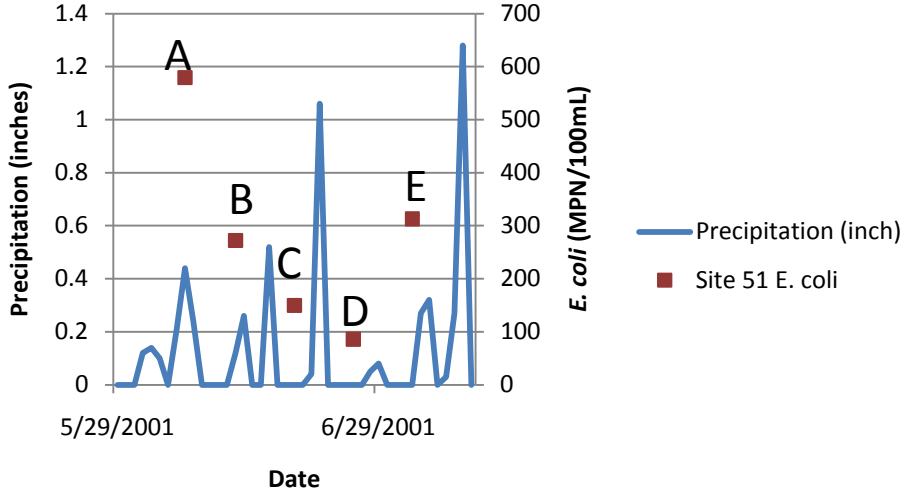
2001 Monitoring Data

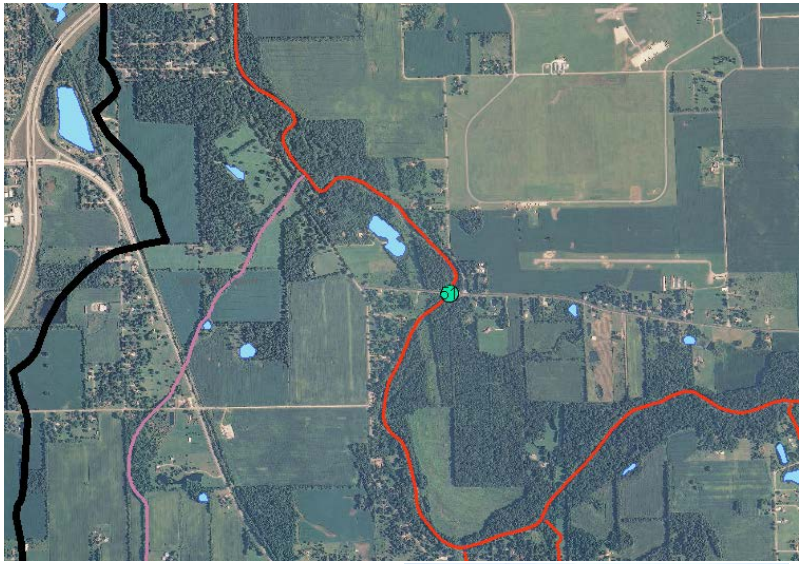
Site 51: WWU010-0024

Load Duration Curve

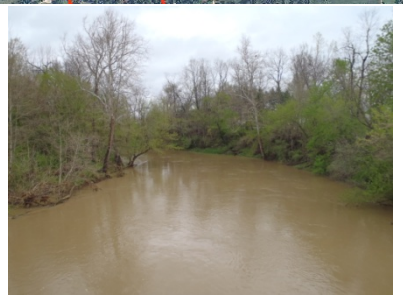


Precipitation Graph





Upstream



Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

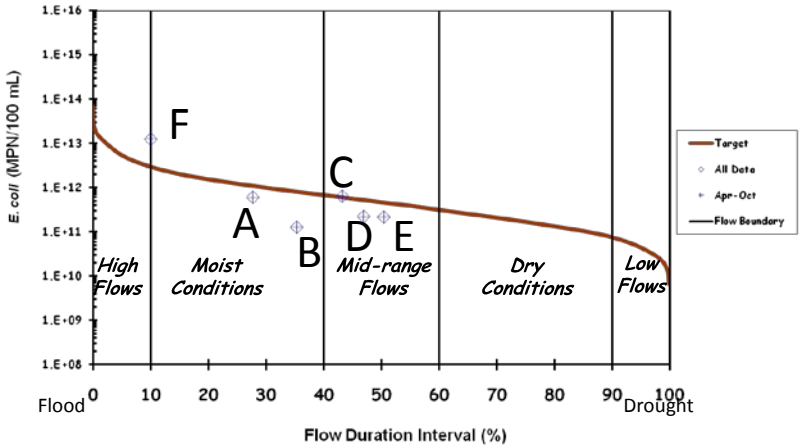
Drainage Area:
241 square miles

White River, West Fork at Memorial Drive

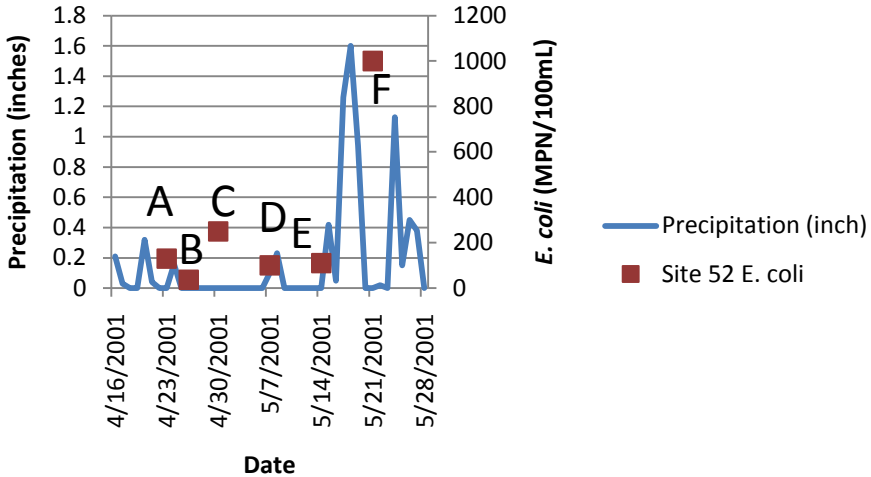
2001 Monitoring Data

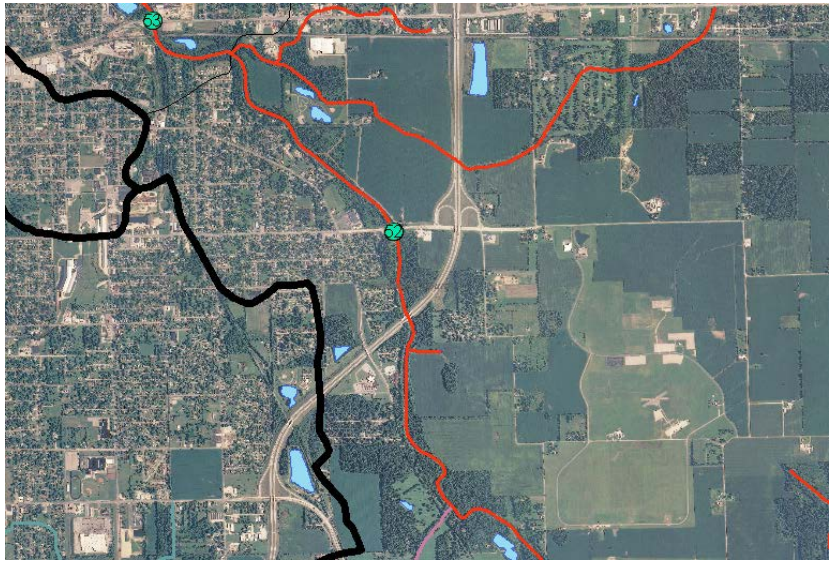
Site 52: WWU010-0001

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

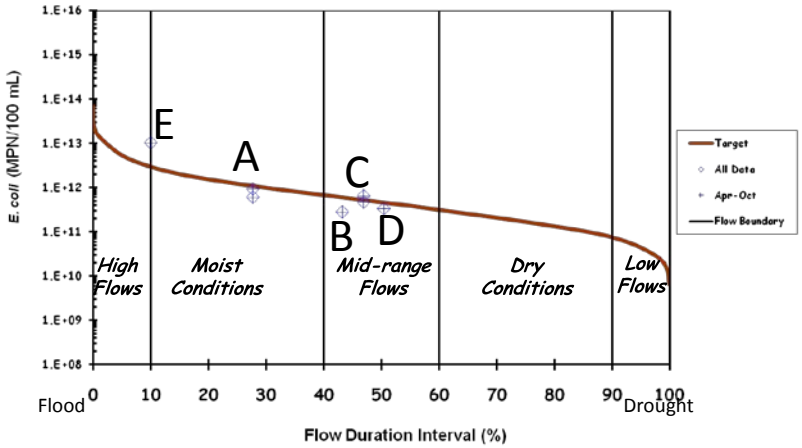
Drainage Area:
241 square miles

White River, West Fork at Broadway

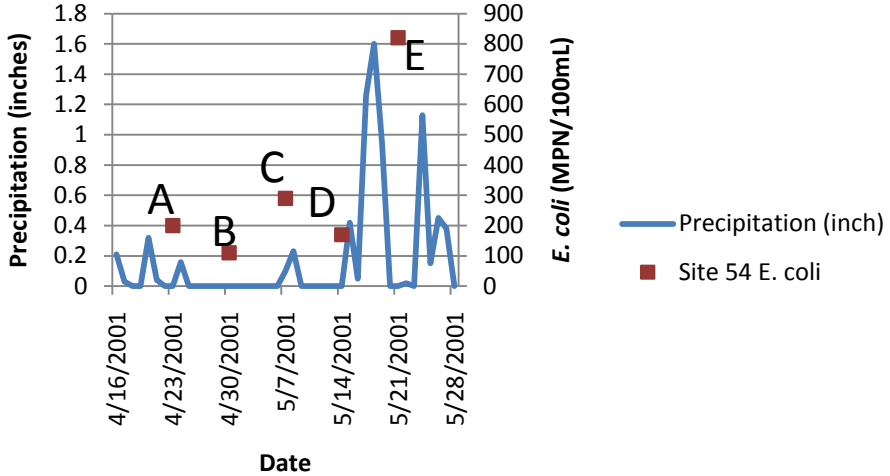
2001 Monitoring Data

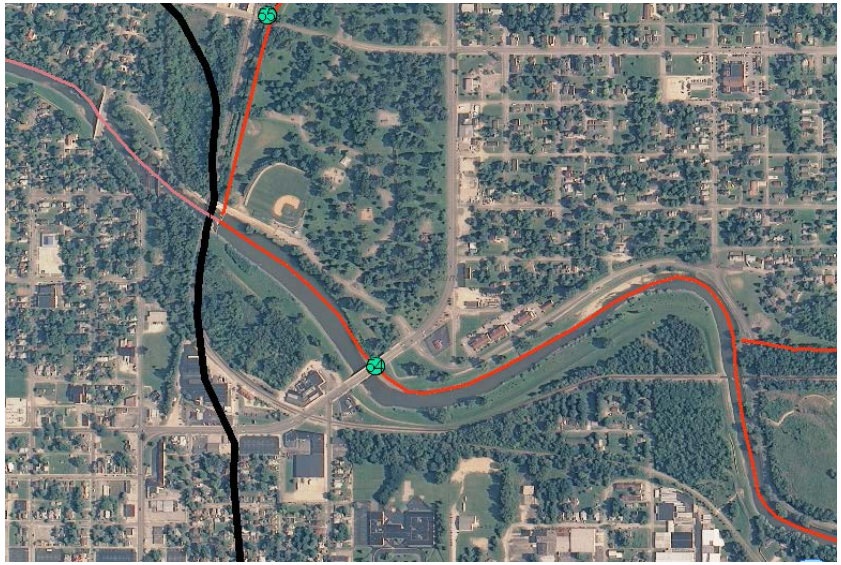
Site 54: WWU010-0019

Load Duration Curve



Precipitation Graph





Upstream

Downstream

White River at Muncie, IN USGS Gage 03347000

Winchester, IN Precipitation Station – State Climate Office

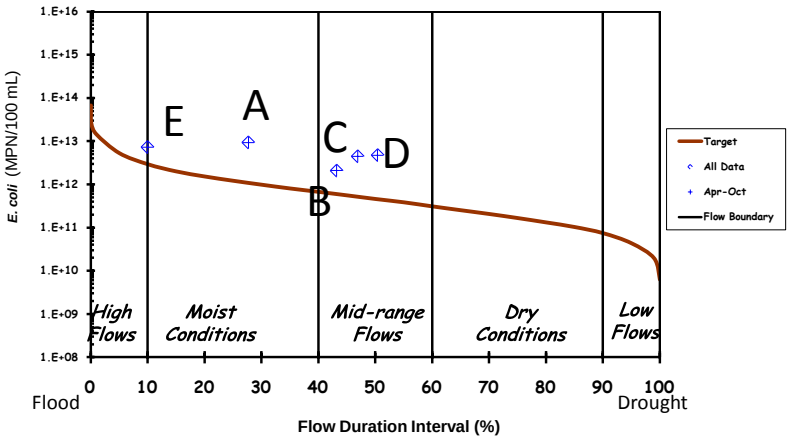
Drainage Area:
241 square miles

Muncie Creek at Highland Avenue

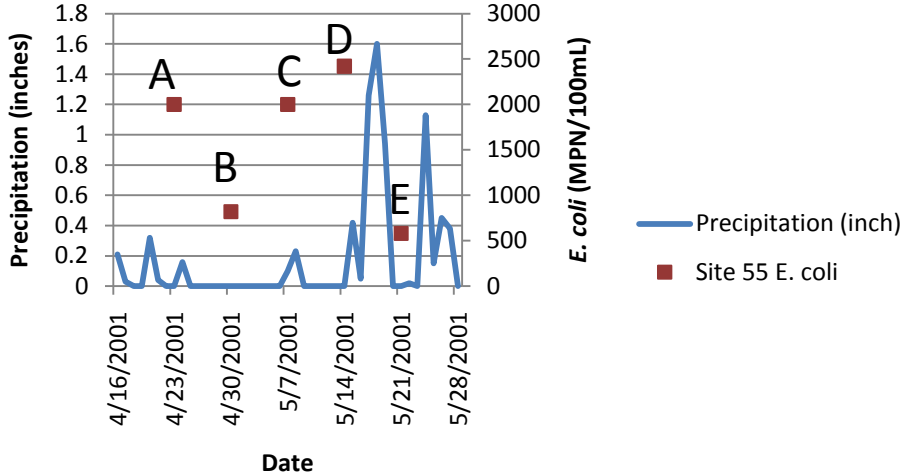
2001 Monitoring Data

Site 55: WWU010-0020

Load Duration Curve



Precipitation Graph



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