



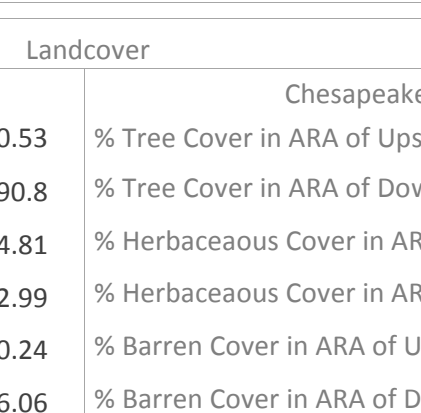
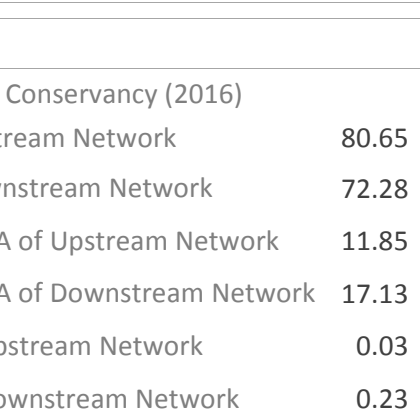
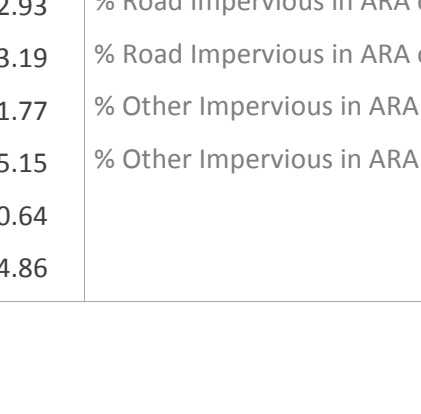
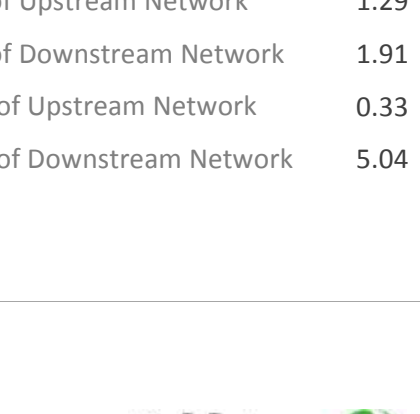
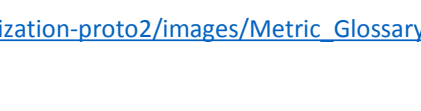



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

| CFPPP Unique ID: PA_PA00424 | | DUBOIS RESERVOIR | ANDERSON CREEK |
|------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Diadromous Tier | 13 |   | |
| Brook Trout Tier | 11 | | |
| Resident Tier | 4 | | |
| NID ID | PA00424 | | |
| State ID | PA00424 |   | |
| River Name | Anderson Creek | | |
| Dam Height (ft) | 42 | | |
| Dam Type | Earth | | |
| Latitude | 41.0944 |   | |
| Longitude | -78.6331 | | |
| Passage Facilities | None Documented | | |
| Passage Year | N/A | | |
| Size Class | 1b: Creek (3.861 - 38.61 sq mi) |   | |
| HUC 12 | Upper Anderson Creek | | |
| HUC 10 | Anderson Creek | | |
| HUC 8 | Upper West Branch Susquehanna | | |
| HUC 6 | West Branch Susquehanna |   | |
| HUC 4 | Susquehanna | | |

| Landcover | | | |
|---------------------------------------------------|-------|-------------------------------------------------|-------|
| NLCD (2011) | | Chesapeake Conservancy (2016) | |
| % Impervious Surface in Upstream Drainage Area | 0.53 | % Tree Cover in ARA of Upstream Network | 80.65 |
| % Natural Cover in Upstream Drainage Area | 90.8 | % Tree Cover in ARA of Downstream Network | 72.28 |
| % Forested in Upstream Drainage Area | 84.81 | % Herbaceous Cover in ARA of Upstream Network | 11.85 |
| % Agriculture in Upstream Drainage Area | 2.99 | % Herbaceous Cover in ARA of Downstream Network | 17.13 |
| % Natural Cover in ARA of Upstream Network | 90.24 | % Barren Cover in ARA of Upstream Network | 0.03 |
| % Natural Cover in ARA of Downstream Network | 76.06 | % Barren Cover in ARA of Downstream Network | 0.23 |
| % Forest Cover in ARA of Upstream Network | 72.93 | % Road Impervious in ARA of Upstream Network | 1.29 |
| % Forest Cover in ARA of Downstream Network | 73.19 | % Road Impervious in ARA of Downstream Network | 1.91 |
| % Agricultural Cover in ARA of Upstream Network | 1.77 | % Other Impervious in ARA of Upstream Network | 0.33 |
| % Agricultural Cover in ARA of Downstream Network | 5.15 | % Other Impervious in ARA of Downstream Network | 5.04 |
| % Impervious Surf in ARA of Upstream Network | 0.64 | | |
| % Impervious Surf in ARA of Downstream Network | 4.86 | | |

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA_PA00424**

DUBOIS RESERVOIR

ANDERSON CREEK

Network, System Type and Condition

| | | | |
|--------------------------------------------------------------------|----------------------------------------|--------------------------------|----|
| Functional Upstream Network (mi) | 39.6 | Upstream Size Class Gain (#) | 0 |
| Total Functional Network (mi) | 158.06 | # Downstream Natural Barriers | 0 |
| Absolute Gain (mi) | 39.6 | # Downstream Hydropower Dams | 4 |
| # Size Classes in Total Network | 4 | # Downstream Dams with Passage | 6 |
| # Upstream Network Size Classes | 2 | # of Downstream Barriers | 10 |
| NFHAP Cumulative Disturbance Index | Not Scored / Unavailable at this scale | | |
| Dam is on Conserved Land | No | | |
| % Conserved Land in 100m Buffer of Upstream Network | 38.78 | | |
| % Conserved Land in 100m Buffer of Downstream Network | 6.61 | | |
| Density of Crossings in Upstream Network Watershed (#/m2) | 0.47 | | |
| Density of Crossings in Downstream Network Watershed (#/m2) | 1.03 | | |
| Density of off-channel dams in Upstream Network Watershed (#/m2) | 0 | | |
| Density of off-channel dams in Downstream Network Watershed (#/m2) | 0 | | |

Diadromous Fish

| | | | |
|-----------------------------------------------------|-----------------|-------------------------------|-----------------|
| Downstream Alewife | None Documented | Downstream Striped Bass | None Documented |
| Downstream Blueback | None Documented | Downstream Atlantic Sturgeon | None Documented |
| Downstream American Shad | None Documented | Downstream Shortnose Sturgeon | None Documented |
| Downstream Hickory Shad | None Documented | Downstream American Eel | Current |
| Presence of 1 or More Downstream Anadromous Species | None Docume | | |
| # Diadromous Species Downstream (incl eel) | 1 | | |

Resident Fish

| | |
|--------------------------------------------------|-----|
| Barrier is in EBTJV BKT Catchment | Yes |
| Barrier is in Modeled BKT Catchment (DeWeber) | No |
| Barrier Blocks an EBTJV Catchment | No |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) | No |
| Native Fish Species Richness (HUC8) | 29 |
| # Rare Fish (HUC8) | 1 |
| # Rare Mussel (HUC8) | 1 |
| # Rare Crayfish (HUC8) | 0 |

Stream Health

| | |
|--------------------------------------|------|
| Chesapeake Bay Program Stream Health | POOR |
| MD MBSS Benthic IBI Stream Health | N/A |
| MD MBSS Fish IBI Stream Health | N/A |
| MD MBSS Combined IBI Stream Health | N/A |
| VA INSTAR mIBI Stream Health | N/A |
| PA IBI Stream Health | Poor |

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf