

Resource Category – Excess Water

Resource Concern – Ponding, Flooding, Seasonal High Water Table, Seeps and Drifted Snow*

(*Seeps and Drifted Snow not included in analysis)

Land Use - Crop

Priority Rank by Land Use - Priority #7 of 11 for Crop

At Risk Acres

Soil units on crop that are frequently flooded as defined in the Offsite Risk Index (ORI).

Acres Needing Treatment

Fields treated with the following practices are considered “treated” for this resource concern.

327 Conservation Cover	391 Riparian Forest Buffer
329 Residue and Tillage Mgt – No Till/Strip Till	612 Tree/Shrub Establishment
340 Cover Crop	657 Wetland Restoration
390 Riparian Herbaceous Cover	659 Wetland Enhancement

Priority Areas

Tabulated the at risk areas still needing treatment by watershed. Using the tabular data, determined the percent of untreated crop land from the total watershed area (Untreated Crop Acres/Watershed Acres). *Priority Areas* = top watersheds with up to 33-50% of Indiana’s at risk acres still needing treatment, plus the Indiana Healthy Rivers Initiative areas.

Results

	Statewide Acres	Priority Zone Acres
At Risk:	787,017	409,689
Needing Treatment:	736,028	380,237
To Treat 2012-2014:	49,700	29,500

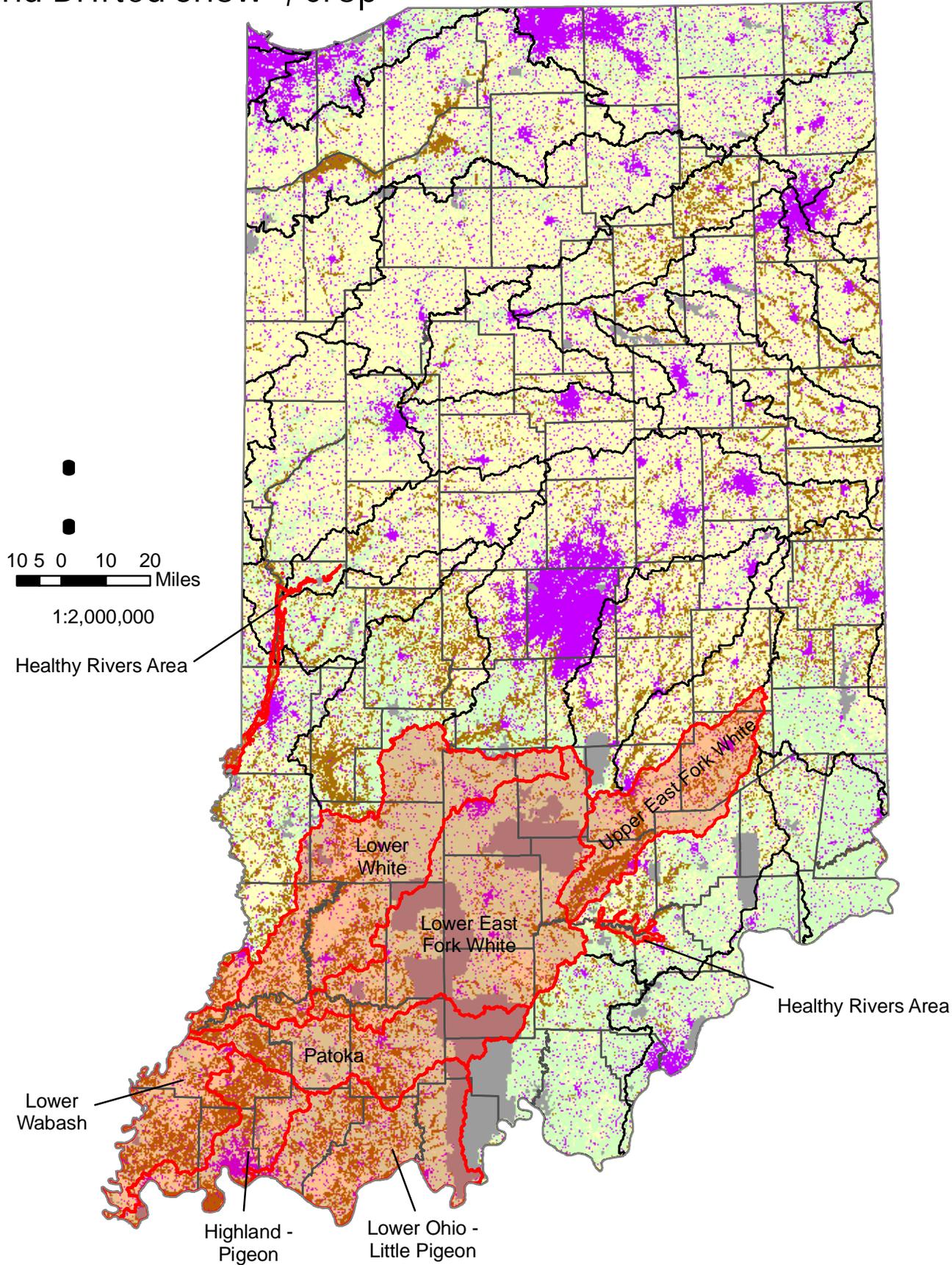
Input Data Sets

- USGS NLCD 2006 (modified)
- NRCS Planned Land Units (with the above practices)
- NRCS SSURGO Map Units (with ratings for frequent flooding per the Indiana Offsite Risk Index Tool from August 2004.
- Indiana Healthy Rivers Initiative Areas



SRA Indiana NRCS Cropland Priority Areas for Excess Water – Ponding, Flooding, Seasonal High Water Table, Seeps and Drifted Snow

2011 SRA - Ponding, Flooding, High Water Table, Seeps, and Drifted Snow*, Crop



WBD 8

- 8-digit Sub-basins
- Priority Watersheds
- Counties

SRA Priority Areas

- Resource Concern, Land Use
- Excess Water – Ponding, Flooding, Other, Crop
- Untreated Crop At Risk

- All other Land Uses
- Urban
- Crop

*Seeps and Drifted Snow not included in analysis
 **Gray Areas are Public Lands

**Excess/Insufficient Water - Ponding, Flooding, Seasonal High Water Table,
Seeps, and Drifted Snow, Crop**

HUC NAME	HUC NUM	Total Crop Ac in HUC	Untreated Crop Ac in HUC	Percent of HUC's Crops Untreated	HUC Rank for Percent of Its Crop Untreated
Patoka	05120209	169,327	46,968	27.7380	1
Highland-Pigeon	05140202	178,989	41,441	23.1531	2
Lower Ohio-Little Pigeon	05140201	207,509	47,128	22.7114	3
Lower East Fork White	05120208	214,535	46,960	21.8893	4
Lower White	05120202	443,001	74,786	16.8816	5
Lower Wabash	05120113	293,156	49,303	16.8180	6
Upper East Fork White	05120206	321,027	48,048	14.9670	7
Eel (White)	05120203	418,995	56,727	13.5388	8
Middle Wabash-Busseron	05120111	380,873	41,423	10.8758	9
Muscatatuck	05120207	264,167	28,181	10.6680	10
Blue Sinking	05140104	99,626	5,994	6.0167	11
Middle Ohio - Laughery	05090203	87,803	4,751	5.4105	12
Flatrock-Haw	05120205	305,324	15,343	5.0251	13
Upper White	05120201	916,829	43,632	4.7590	14
Middle Wabash-Little Vermilion	05120108	880,401	39,213	4.4540	15
Whitewater	05080003	404,232	17,737	4.3879	16
Driftwood	05120204	502,183	21,870	4.3550	17
Kankakee	07120001	902,676	33,841	3.7490	18
Silver-Little Kentucky	05140101	73,591	2,558	3.4763	19
Lower Great Miami	05080002	29,213	1,013	3.4676	20
St. Mary's	04100004	172,596	5,710	3.3083	21
Upper Maumee	04100005	81,896	2,498	3.0504	22
Upper Great Miami	05080001	17,468	503	2.8774	23
Eel (Wabash)	05120104	388,397	9,617	2.4762	24
Salamonie	05120102	278,814	6,528	2.3415	25
Mississinewa	05120103	372,177	8,613	2.3143	26
Upper Wabash	05120101	627,878	13,132	2.0914	27
Sugar	05120110	386,580	5,551	1.4358	28
Auglaize	04100007	57,278	779	1.3605	29
St. Joseph (Erie)	04100003	210,582	2,328	1.1056	30
Little Calumet-Galien	04040001	59,197	579	0.9775	31
Wildcat	05120107	402,107	3,790	0.9426	32
Vermilion	05120109	72,907	657	0.9005	33
Middle Wabash-Deer	05120105	335,152	2,874	0.8577	34
Iroquois	07120002	445,148	2,570	0.5773	35
St. Joseph (Michigan)	04050001	483,940	1,641	0.3391	36
Tippecanoe	05120106	941,063	1,740	0.1849	37
Chicago	07120003	1,306	0	0.0000	38