

Natural Resources Commission Meeting

NRC Policy Committee on
Wildlife & Fisheries

August 14, 2014



Proposed Orders

- NRC – For Information
 - Deer Management Assistance Permits (WCO Amendment No. 10 of 2014)
 - Deer Management Assistance Permit Discount Technical Change (WCO Amendment No. 13 of 2014)
- NRC – For Action
 - Waterfowl and Other Migratory Bird Hunting Regulations for 2014 – 2015 (WCO Amendment No. 12 of 2014)



NRC Policy Committee on Wildlife and Fisheries

- Fisheries Chief Update
- What does the Future Hold for Michigan's Brook Trout?
- Wildlife Division Update
- Hunting Regulations for Waterfowl Season Dates
- Mi-HUNT Mobile Application



Fisheries Division Update



Department
of
Natural
Resources

Asian Carp Work

- Table top exercise with Ohio
 - Test a hypothetical situation
- Lake Erie response exercise: led by MI/OH
 - IL, USFWS, USGS, NY, ON assisting with grass carp response
- Illinois assistance and training
 - 9 FD staff assisted with efforts at the invasion front



Fisheries Conservation Order (FCO) Status

- Draft FCO in NRC packets
 - Formatting/edits/comments
 - Proposed effective April 1, 2015
- September Meeting
 - Use FCO for all changes
 - Except FO-240 – Sturgeon
 - Proposed effective immediately



Aquatic Habitat Grants

- August 1 – request pre-proposals
- August 29 – pre-proposals due to Grants Section
- September 30 – inform applicants and request full proposals to successful applicants
- November 14 – full proposals due
- April 14, 2015 – final project selections made



Thank you!

www.michigan.gov/fishing



What does the Future Hold for Michigan's Brook Trout?

Kelsey Schlee



Outline

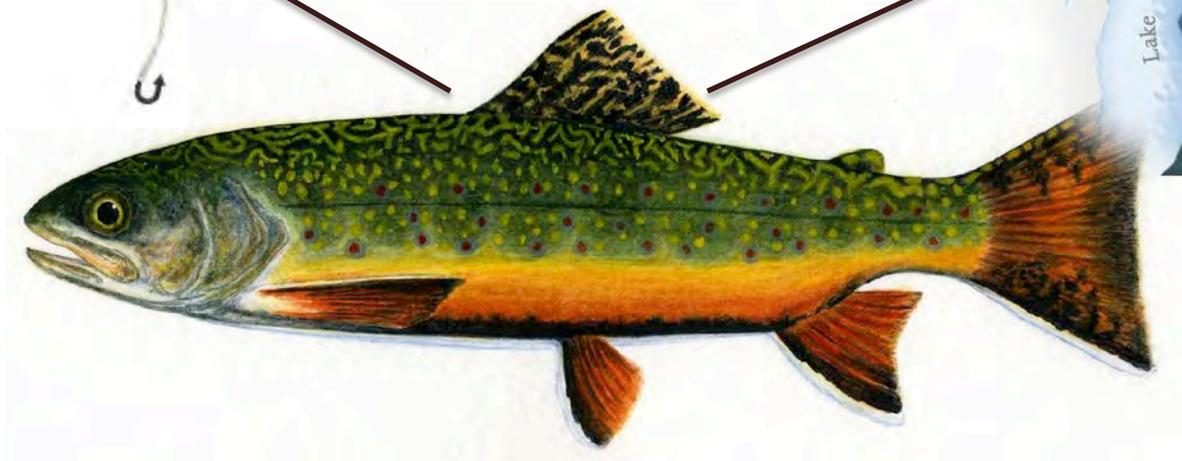
Why care?

What do brook trout need?

What could the future be like for
brook trout?

How can we help?

Env. \$300 Total
1.2 Million
Quality
Million





Quality Cold Water Streams

Low Pollution

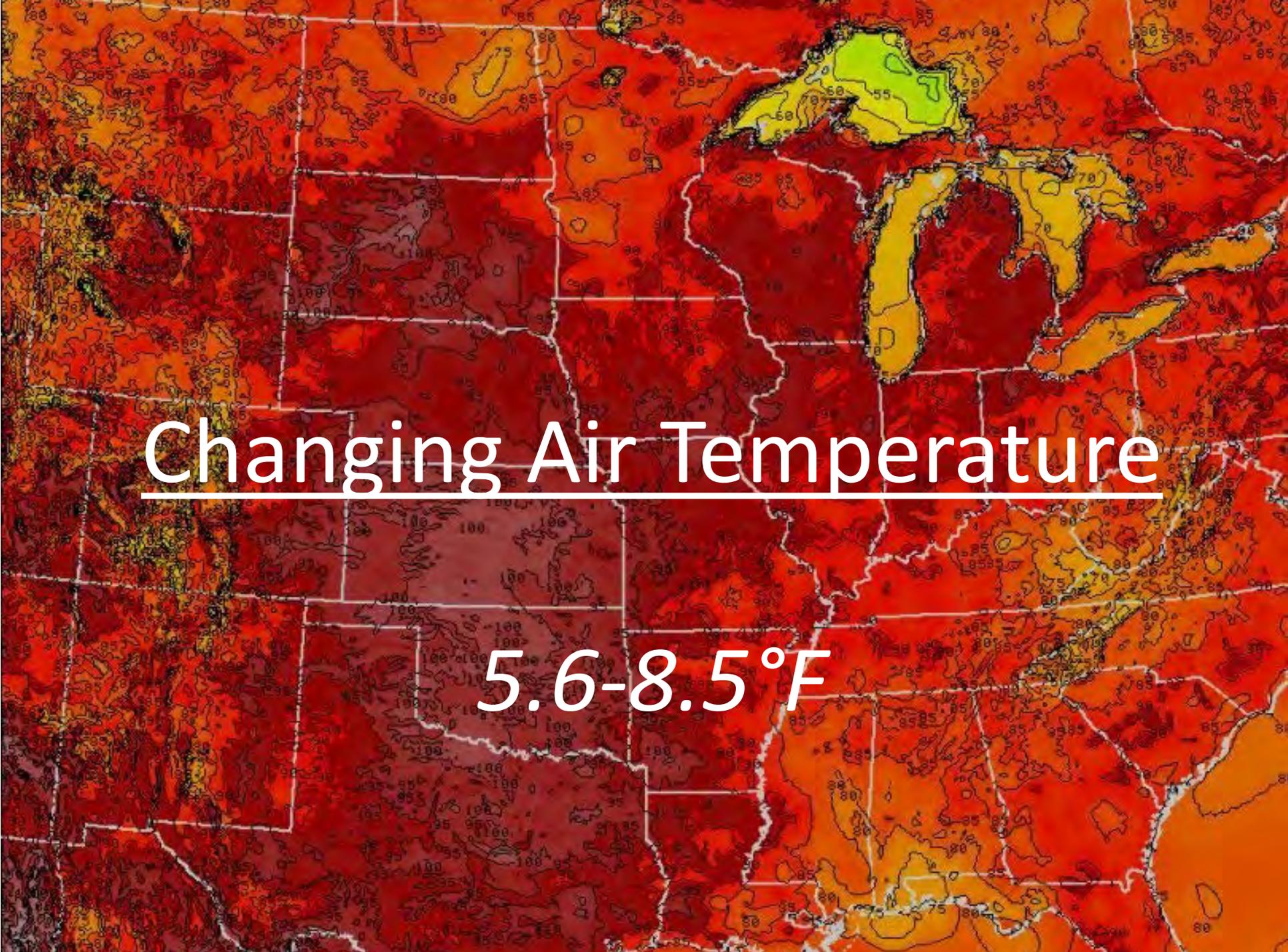
Low sediment

Oxygen

Optimal Brook Trout Habitat

Cold Water.

32° - 77.5°F



Changing Air Temperature

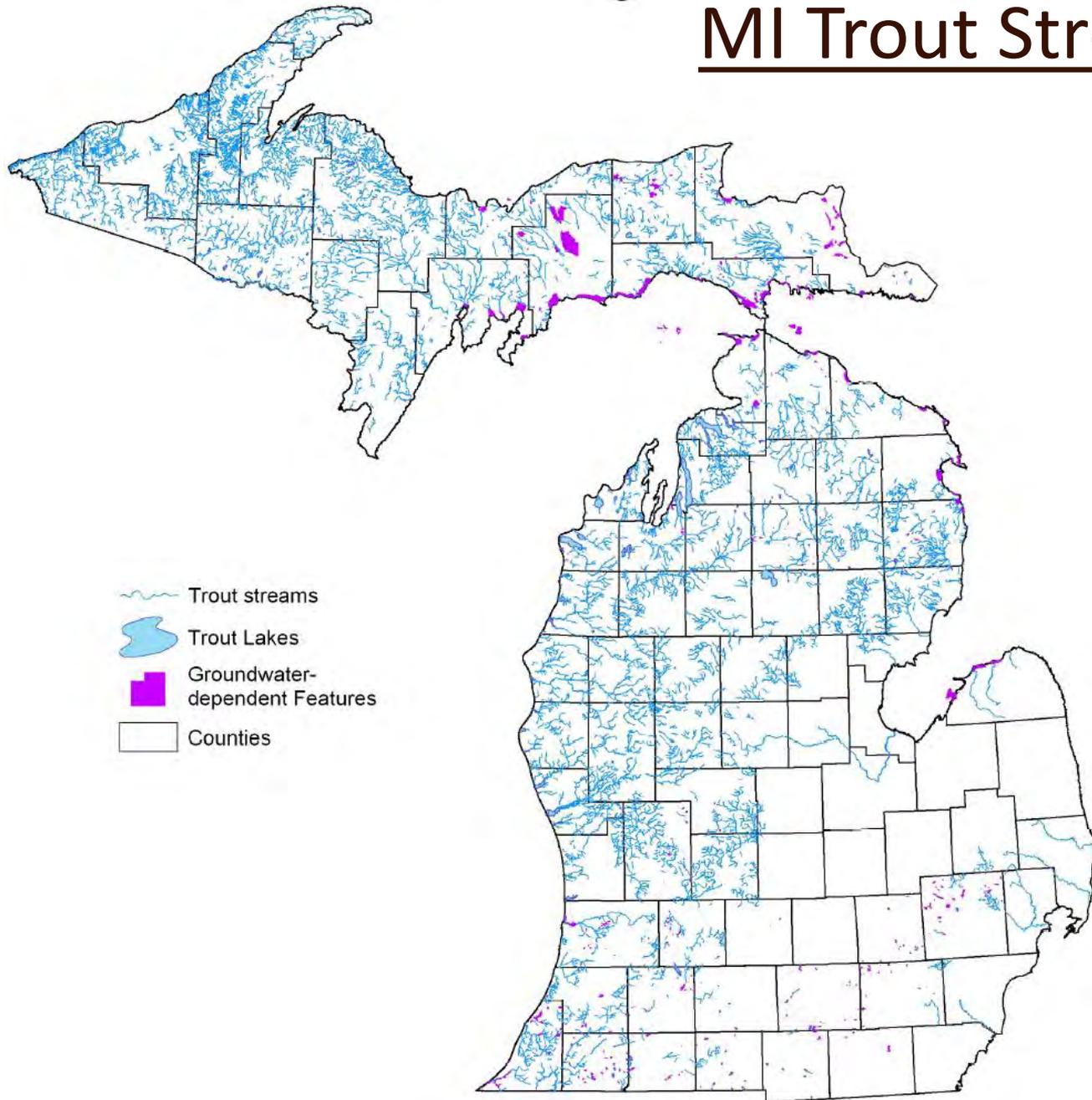
5.6-8.5°F



Natural Reproduction Blue Ribbon Fishery

<u>Stream Name</u>	<u>Watershed</u>
Gratiot River	Keweenaw Peninsula
Tobacco River	Keweenaw Peninsula
Roxbury Creek	Waiska
Haymeadow Creek	Tacoosh-Whitefish
Silver Creek	Kalamazoo
Trout Brook	Carp-Pine
Pigeon River	Cheboygan
Bissel Creek	Cheboygan
Little Sturgeon River	Cheboygan
Black River	Black
McMasters Creek	Black
Bear Creek	Black
McGinn Creek	Thunder Bay
Comstock Creek	Thunder Bay
McDonald Creek	Au Sable
Silver River	Dead-Kelsey
Au Sable River	Au Sable
Salmon Trout River	Dead Kelsey
Escanaba River	Escanaba

MI Trout Streams



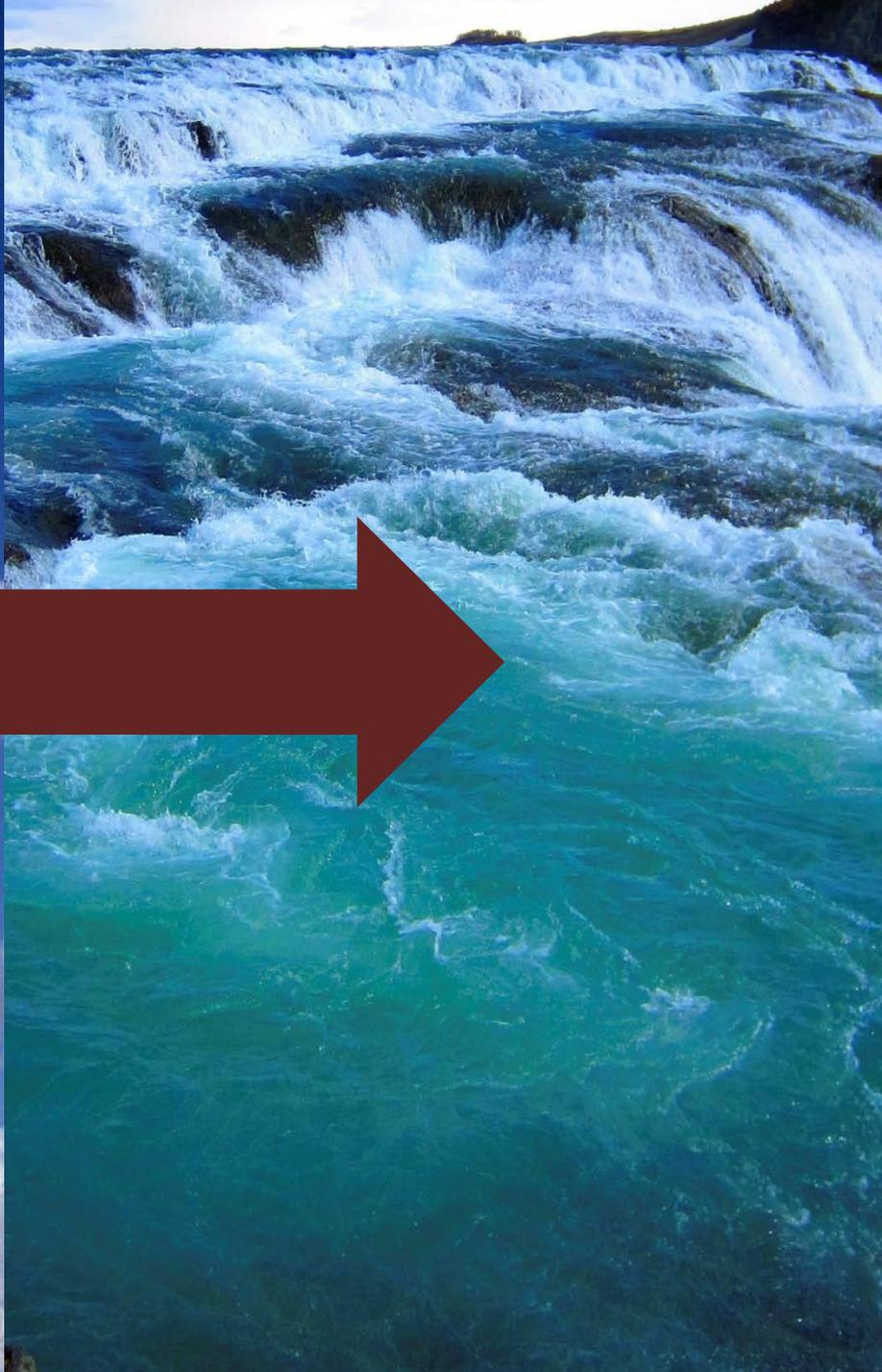
2006

2012

2026

2056





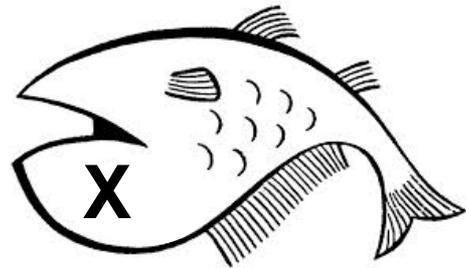
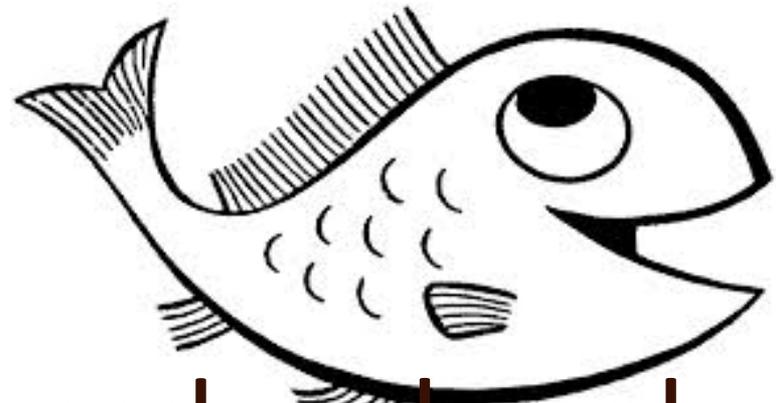
1) $52 \leq ^\circ\text{C} \leq 62$

Categorized based on brook

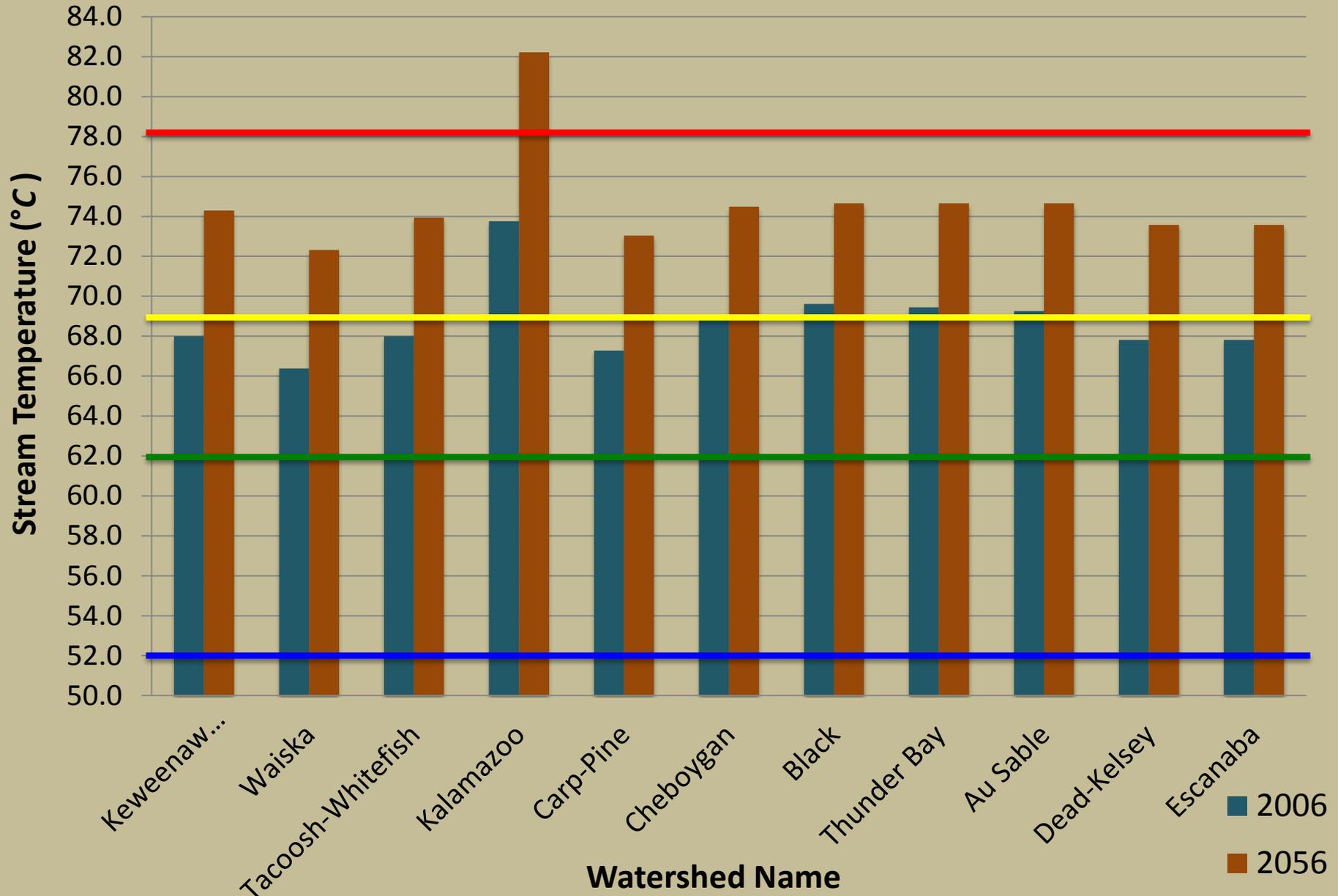
2) $62 < ^\circ\text{C} \leq 69$ trout ability to grow and survive

3) $69 < ^\circ\text{C} \leq 78$

4) $^\circ\text{C} > 78$

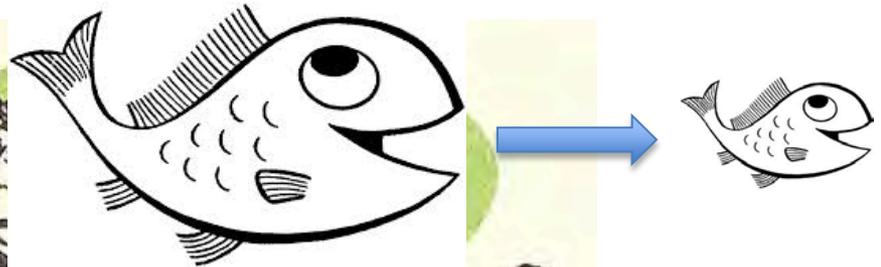


Stream Temperature Change Between 2006 & 2056

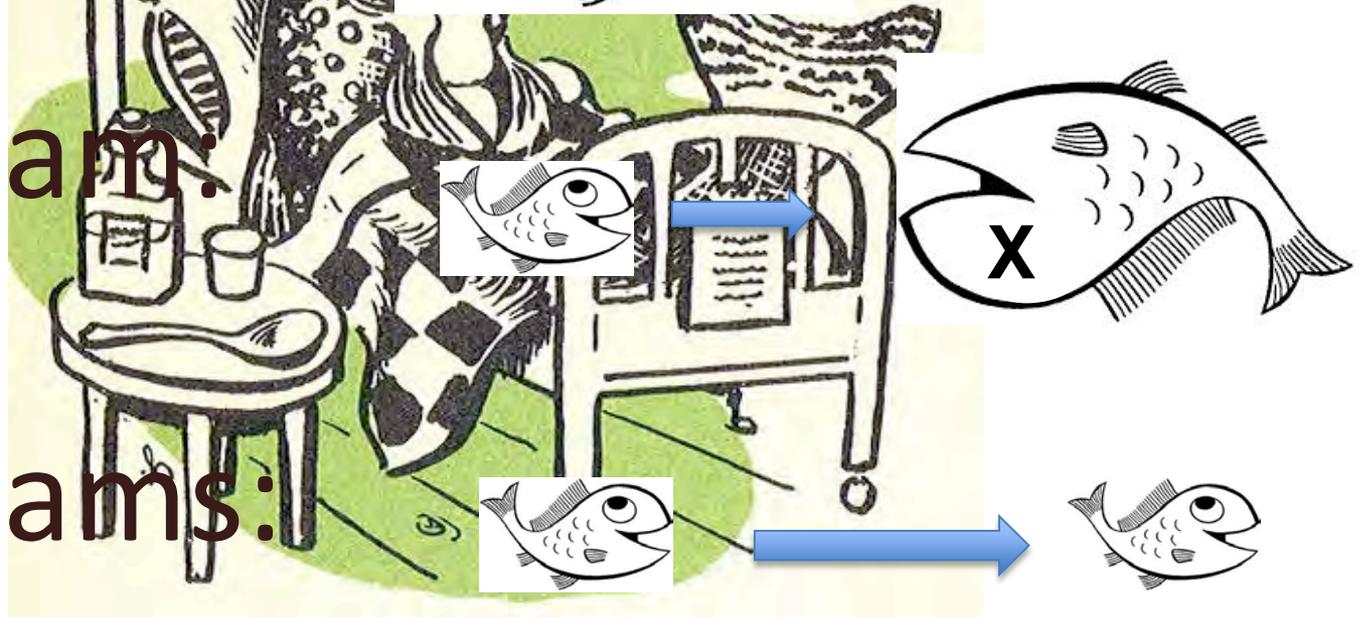


12 out of 19 streams will become **LESS CONDUCTIVE** for brook trout growth and survival between 2006 and 2056

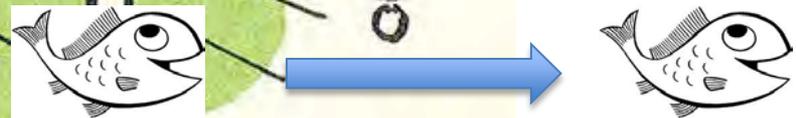
11 Streams:



1 Stream:



7 Streams:



2

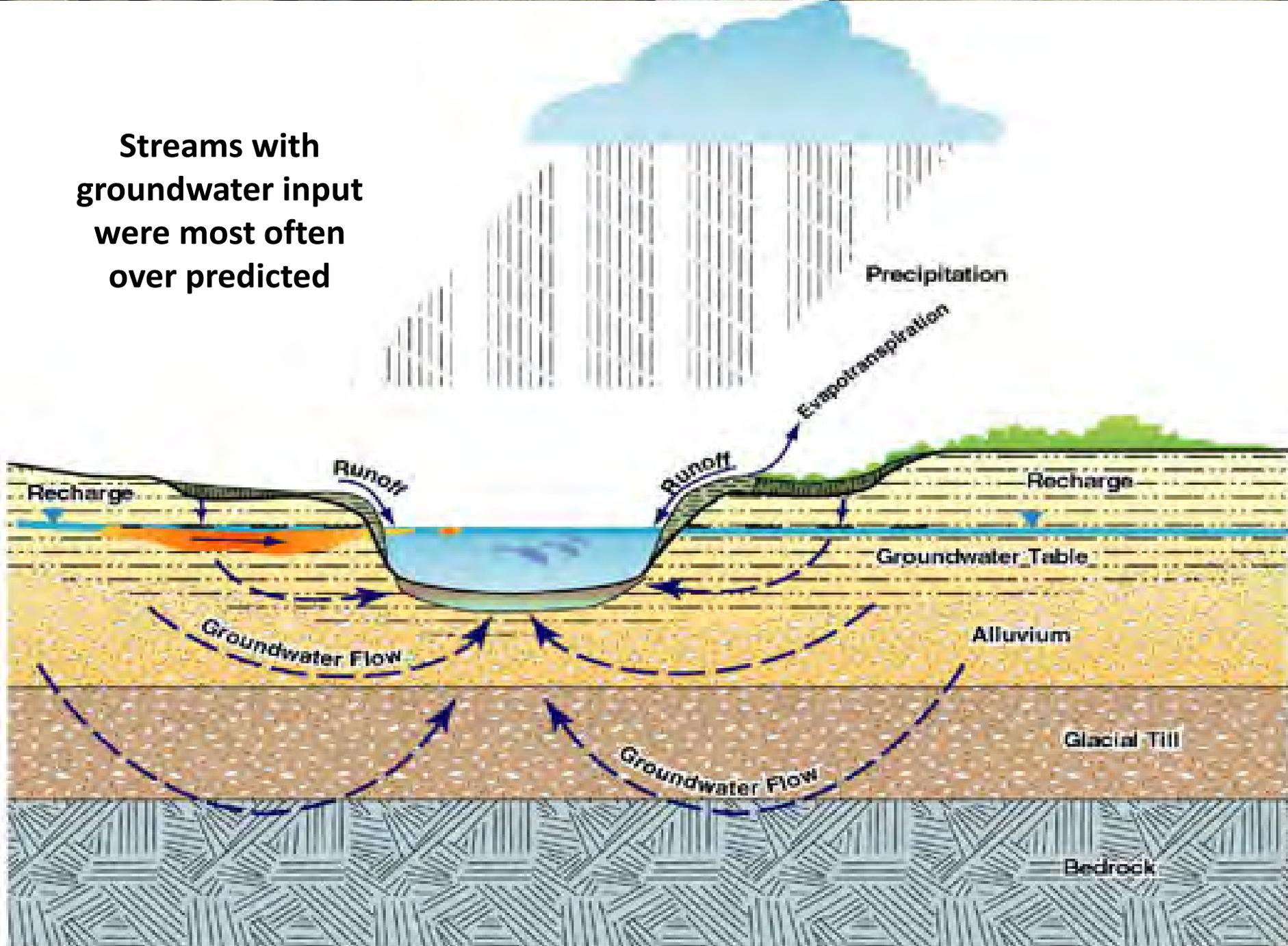


HOT

Ground Water



Streams with groundwater input were most often over predicted





Riparian Zone Shading

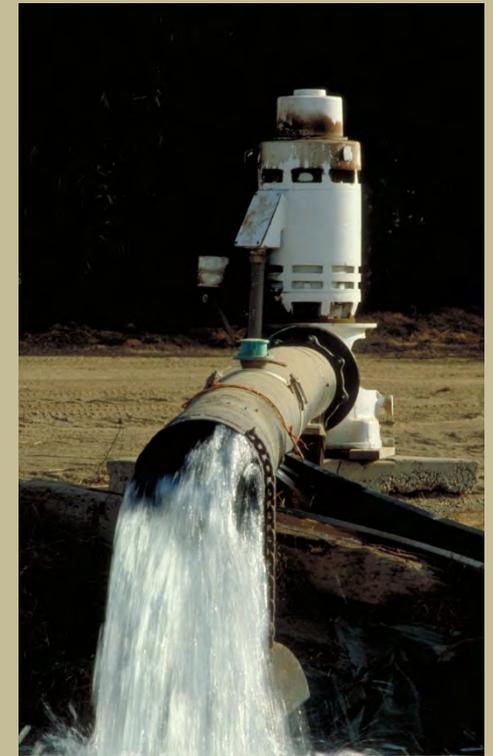
A first-person perspective from the front of a wooden canoe on a narrow river. The canoe's bow is visible at the bottom center, showing a reddish-brown interior with a yellow trim. A black fishing rod with a blue reel is positioned on the left side of the frame, extending towards the upper left. The water is calm and reflects the surrounding dense forest of tall evergreen trees. The sky is visible through the canopy in the upper left. A dark, rounded rectangular box is overlaid in the center of the image, containing the text "Mitigate and Prioritize" in white, sans-serif font.

Mitigate and Prioritize

Mitigate

Protect Groundwater Inputs

- Guard against over-withdrawal in sensitive areas
- Limit non-porous (pavement) surfaces in recharge areas



Protect and Replant Stream-side Vegetation



Prioritize

Choose to put resources into rivers and streams most likely to maintain cool temperatures





Thank You!

Wildlife Chief Update

**Russ Mason, Chief
Wildlife Division
August 14, 2014**



Update

- Operation Freedom Outdoors (MiOFO)
- Federal Duck Stamp
- Voluntary Public Access- Habitat Incentive Program
Grant for Hunting Access Program
- GEMS
- Wildlife Habitat Grant



Thank You

www.michigan.gov/wildlife



Hunting Regulations for Regular Waterfowl Season Dates



Barbara Avers
Waterfowl and Wetland Specialist
Wildlife Division
August 14, 2014



Regulations Schedule

- July
 - Regulations for information at NRC
 - Mississippi Flyway Council
 - USFWS Regulations Committee
 - Set regular season framework
- August
 - CWAC Meeting
 - Regulations for action at NRC
 - Regular Season Selections Due to USFWS



2014 Duck Season Federal Framework



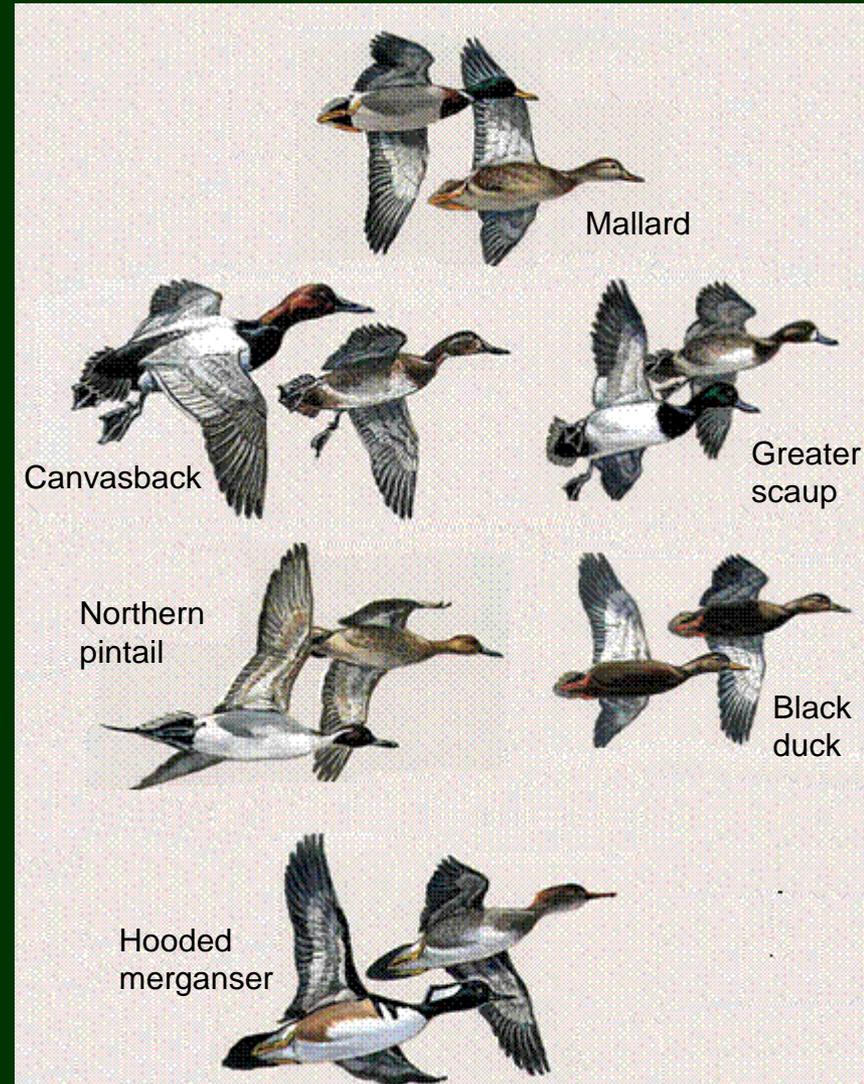
- Liberal season
 - Maximum 60 days
 - Between Saturday nearest Sept. 24 and last Sunday in January
 - Maximum 6 birds per day
- Possession limit 3X daily limit



2014 Duck Season

Federal Framework – Daily Limits

- 6 ducks combined
 - Mallard
 - Maximum 4 birds total
 - Maximum 2 hens
 - Scaup
 - Maximum 3 birds
 - Wood duck
 - Maximum 3 birds
 - Northern pintail and Redhead
 - Maximum 2 birds each
 - American black duck
 - Maximum 1 bird
 - Canvasback
 - Maximum 1 bird
 - All other ducks
 - 6 birds
- 5 mergansers combined
 - Maximum 2 hooded mergansers



2014-15 Michigan Duck Season Recommendations



2014 & 2015 Duck Season Opening Dates

2014 Opening Day

- North Zone
 - Sept. 27
- Middle Zone
 - Oct. 4
- South Zone
 - Oct. 11

2015 Opening Day

- North Zone
 - Sept. 26
- Middle Zone
 - Oct. 3
- South Zone
 - Oct. 10

*Duck season opening dates for 2014 and 2015
if season structure does not change under federal frameworks.*



2014 Duck Season Recommendations – Dates

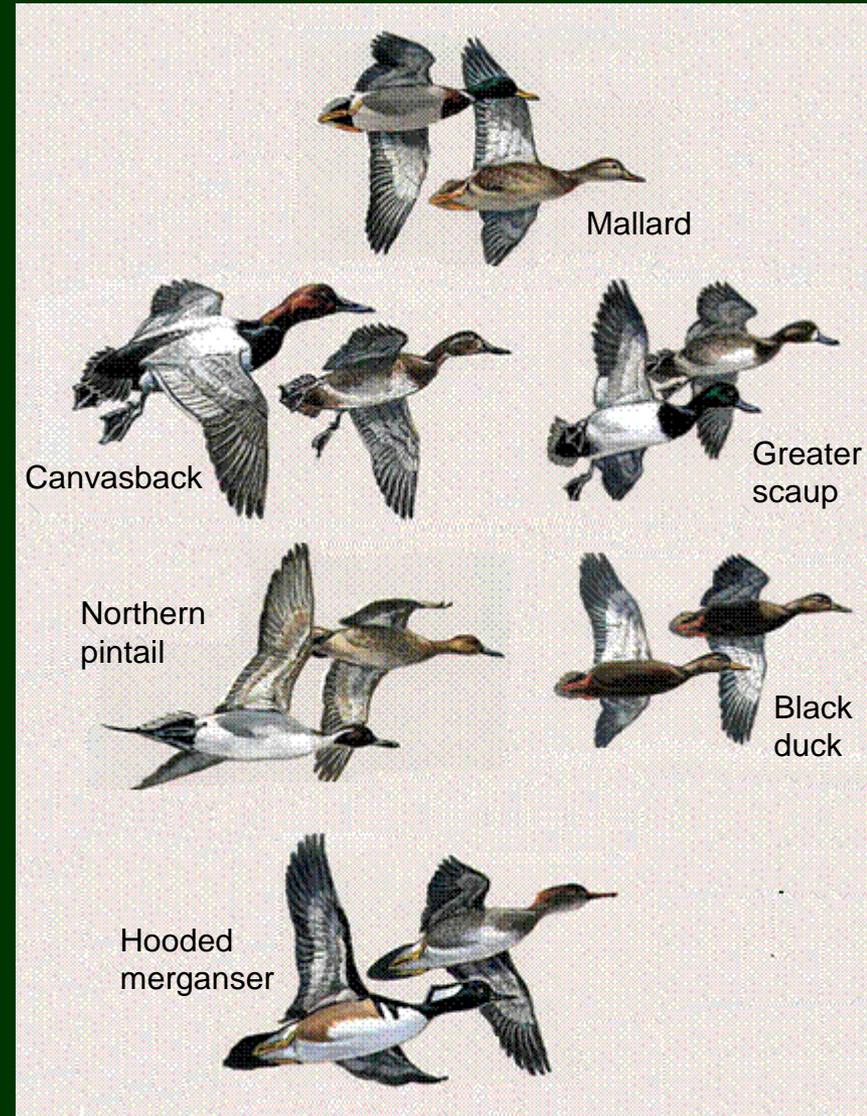


- North Zone
 - Sept. 27 – Nov. 23
 - Nov. 29 – Nov. 30
- Middle Zone
 - Oct. 4 – Nov. 30
 - Dec. 13 – 14
- South Zone
 - Oct. 11 – Dec. 7
 - Dec. 27 – Dec. 28



2014 Duck Season Recommendations – Daily Limits

- Maximum allowed under Federal Frameworks
 - 2 hen mallards



Hen Mallard Survival and Harvest

- No meaningful relationship
- Recent harvest rates are on the low end of historic range
- Predict no change in female mallard survival with bag limit increase



Benefits of Increasing Hen Mallard Daily Limit

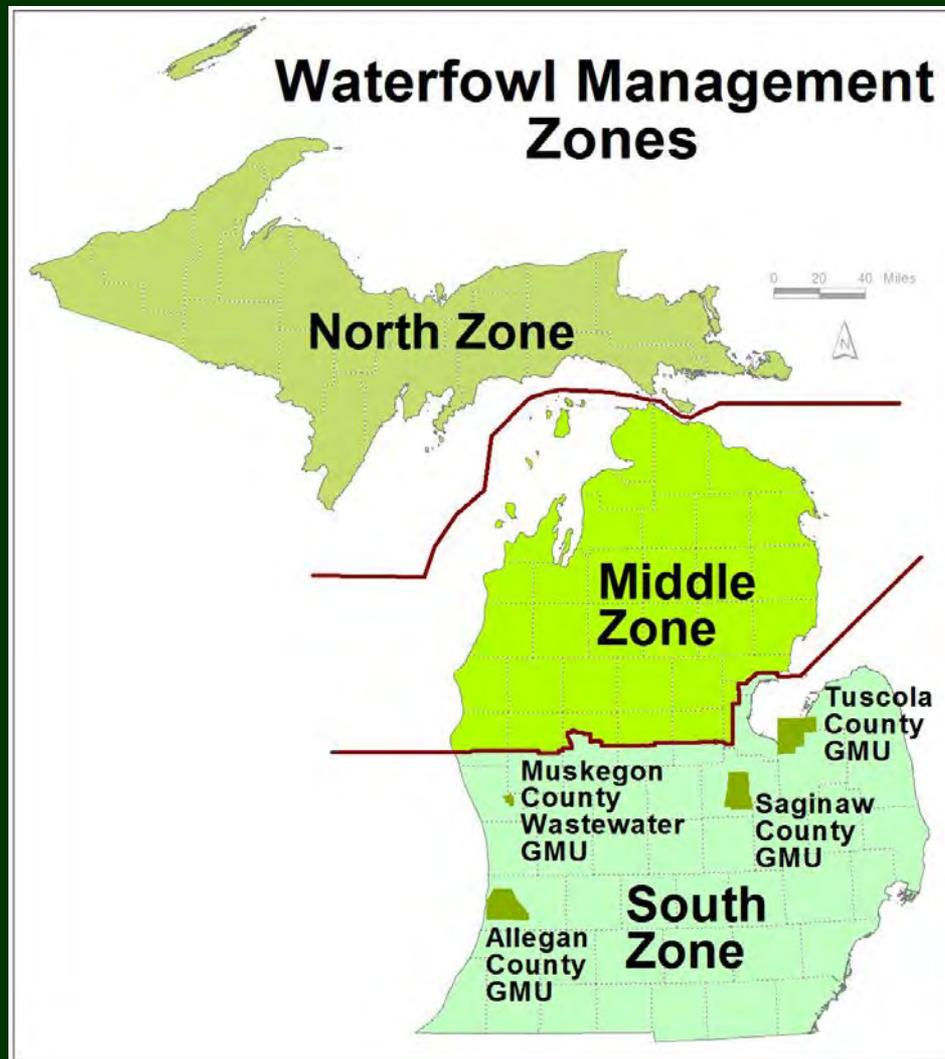
- Synchronize state regulations with federal frameworks
- Enhance recruitment and retention
- Decrease unintentional violations
- More flexibility for hunters



Canada Goose Season Federal Frameworks



2014 Regular Goose Season Federal Frameworks



- Season length and outside dates
 - Maximum 92 days
 - Between Sept. 16 (Sept. 11 in UP) & Jan. 31
- Daily limits
 - Maximum 2 birds
- Possession limits
 - 3X daily limit



2014 Late Canada Goose Season Federal Frameworks



- South Zone
 - Excludes GMUs
 - Maximum 30 days
 - Between Dec. 31 & Feb. 15
- Daily limit
 - Maximum 5 birds
- Possession limits
 - 3X daily limit



Federal Frameworks for Other Geese

- Snow and Ross:
 - 107 days between Sept. 22 and Mar. 10
 - up to 20-bird daily limit
- Brant:
 - 107 days between Sept. 22 and Jan. 31
 - 1-bird daily limit
- White-fronted:
 - 88 days between Sept. 22 and Feb. 17
 - 1-bird daily limit



2014-2015 Michigan Canada Goose Season Recommendations



2014 Goose Season Recommendations

Regular Season Dates

North Zone	Sept. 11 - Dec. 11				
Middle Zone	Sept. 20-28	Oct. 4 - Dec. 25			
South Zone, excluding GMUs listed below in the table	Sept. 20-22	Oct. 11 - Dec. 7	Dec. 27-28		
Tuscola/Huron GMU	Sept 20-28	Oct. 11 - Dec. 7	Dec. 27 - Jan. 20		
Saginaw County GMU	Sept 20-22	Oct. 11 - Dec. 7	Dec. 27 - Jan. 26		
Allegan County GMU			Nov. 1 - Jan. 31		
Muskegon W.W. GMU		Oct. 15 - Nov. 12	Dec. 3 - 21		
	Sept	Oct	Nov	Dec	Jan '15



2014 Goose Season Recommendations

Regular Season Dates



- North Zone
 - Sept. 11 – Dec. 11
- Middle Zone
 - Sept. 20 – Sept. 28
 - Oct. 4 – Dec. 25
- South Zone
 - Sept. 20 – Sept. 22
 - Oct. 11 – Dec. 7
 - Dec. 27 – Dec. 28



2014 Goose Season Recommendations – GMU Dates



- Saginaw County GMU
 - Sept. 20 – 22
 - Oct. 11 – Dec. 7
 - Dec. 27 – Jan. 26, 2015
- Tuscola/Huron GMUs
 - Sept. 20 – 28
 - Oct. 11 – Dec. 7
 - Dec. 27 – Jan. 20, 2015
- Allegan County GMU
 - Nov. 1 – Jan. 31, 2015
- Muskegon County Wastewater GMU
 - Oct. 15 – Nov. 12
 - Dec. 3 – Dec. 21



2014 Goose Season Recommendations

Late Season Dates

Waterfowl Management Zones



- South Zone
 - Jan. 17 – Feb. 14, 2015



2014 Goose Season Recommendations – Other Geese

- Very few seen and harvested
- Dates provide maximum overlap with Canada goose seasons, given different federal frameworks
- Primarily same dates as regular and late seasons



2014 Goose Season Recommendations – Daily Limits



- All regular seasons
 - 2 birds per day
- Late season
 - 5 birds per day
- Possession limits
 - 3X daily limit



2014 Falconry Season Recommendations

- Same dates as gun hunting
- Additional days for ducks, mergansers, coots, and moorhens:
 - Dec. 29 – Jan. 22, 2015
 - Mar. 1 – 10, 2015
- No change to daily bag limits
- Possession limits 3X daily limit





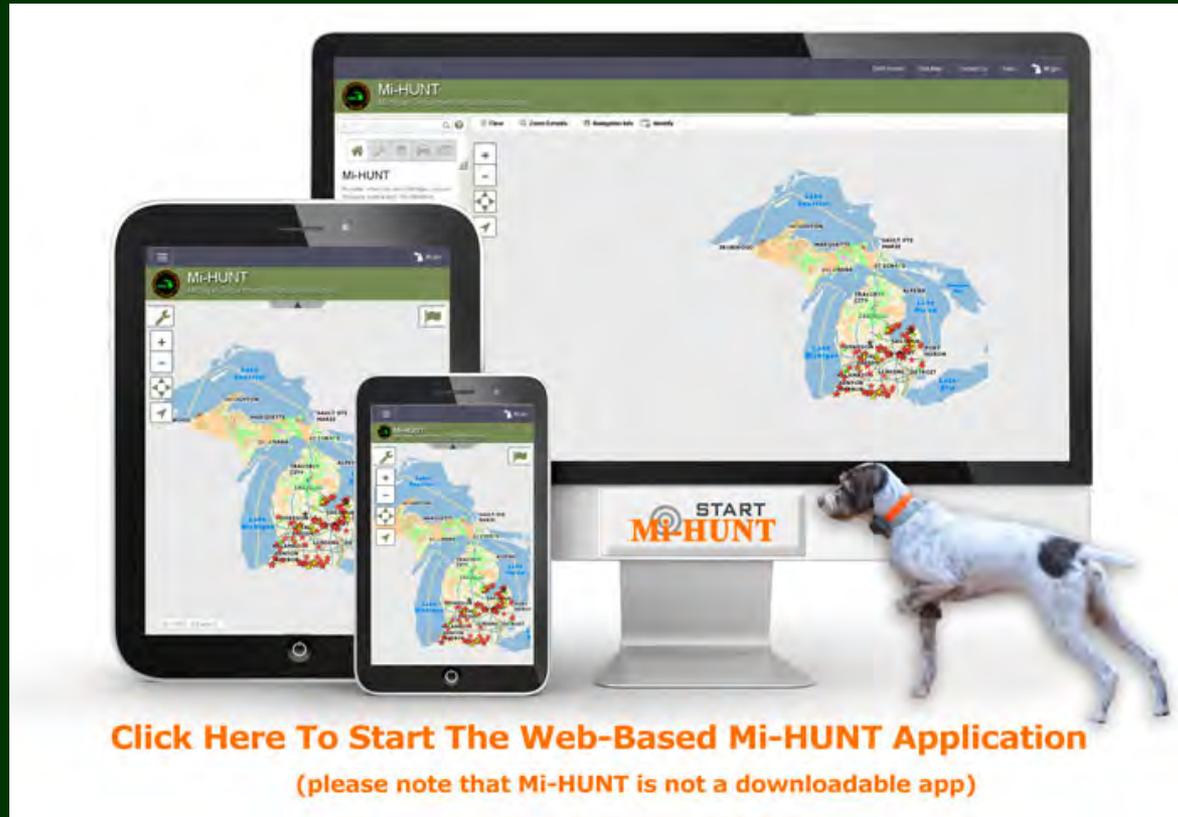
Thank You



www.michigan.gov/dnr



Mi Hunt Mobile Application



Mike Donovan
Wildlife Habitat Resource Specialist
Wildlife Division
August 14, 2014

