Species	Observed	ు 1/16 St. Clair River	1/20 Beaudette-EL Johnson	1/30 Sarnia to Pinery	2/20 Lake Erie MP	3/6 Shaiwassee NWR	3/20 Belle Isle	3/23 R Long/Heritage	4/2 Maple River SGA	$4/13$ R Long/Heritage/Walled Lak ϵ	4/30 Stony Creek	5/15 Pte. Mouillee	5/18 R Long/Heritage
Greater White-front. Goose													
Snow Goose													
Ross's Goose													
Brant													
Cackling Goose	_												
Canada Goose		1 X		Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	
Mute Swan	_	1 X	Χ		Χ		Χ	Χ			Χ	Χ	
Trumpeter Swan		1	Χ			Χ						Χ	
Tundra Swan		1 X		Χ						Χ			
Wood Duck		1	Χ				Χ	Χ	Χ	Χ			
Gadwall		1				Χ		Χ	Χ	Χ		Χ	
Eurasian Wigeon													
American Wigeon		1						Χ	Χ	Χ			
American Black Duck		1	Χ		Χ				Χ				
Mallard		1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Blue-winged Teal		1							Χ		Χ	Χ	
Northern Shoveler		1						Χ	Χ	Χ	Χ	Χ	
Northern Pintail		1							Χ			Χ	
Green-winged Teal	_	1						Χ	Χ	Χ	Χ	Χ	
Canvasback	_	1 X		Χ	Χ		Χ		Χ		Χ	Χ	
Redhead	-	1 X	Χ	Χ			Χ	Χ	Χ	Χ		Χ	
Ring-necked Duck	-	1	Χ		Χ		Χ	Χ	Χ	Χ		Χ	
Greater Scaup	-	1		Χ						X			
Lesser Scaup		1			Χ				Χ	Χ	Χ	Χ	
King Eider													
Harlequin Duck	_	1											
Surf Scoter	_	1											
White-winged Scoter	_	1 X											
Black Scoter	-	1		V									
Long-tailed Duck Bufflehead	_	1 X 1 X		X X	Х		Χ	Х	Х	Χ	Χ	Χ	
Common Goldeneye	-	1 X 1 X	Χ	X	X		^	^	^	^	^	^	
Barrow's Goldeneye	-	τ Λ	٨	^	٨								
Hooded Merganser	-	1	Χ			Х	Χ	Χ	Х	Χ			
Common Merganser	-	1	٨		Χ	X	X	٨	X	٨			
COMMINDIA IVICI BAMBEI	_	_			^	^	^		^				

Red-breasted Merganser	1 X	Х					Х	Х	Х	Χ
Ruddy Duck	1 X		Х				Х	X		Χ
Ring-necked Pheasant	1									
Ruffed Grouse										
Spruce Grouse										
Sharp-tailed Grouse										
Wild Turkey	1						Х			
Northern Bobwhite										
Red-throated Loon	1									
Pacific Loon*										
Common Loon	1				Х	Х		Χ		
Pied-billed Grebe	1					Х	Χ	Χ		
Horned Grebe	1				Χ			Χ	Χ	Х
Red-necked Grebe										
Eared Grebe										
Western Grebe										
American White Pelican	1									Х
Brown Pelican										
Double-crested Cormorant	1		Χ				Χ	Χ	Χ	Х
American Bittern										
Least Bittern	1									
Great Blue Heron	1		Χ	Χ			Χ	Χ	Χ	Х
Great Egret	1					Χ		Χ		
Snowy Egret	1									
Little Blue Heron										
Tricolored Heron	1									
Cattle Egret										
Green Heron	1									
Black-crown. Night-Heron	1									
Yellow-crown. Night-Heron										
Glossy Ibis										
Black Vulture	1									
Turkey Vulture	1					Χ	Χ	Χ	Χ	
Osprey	1						Χ		Χ	Χ
Mississippi Kite										
Bald Eagle	1 X	Χ	Χ	Χ			Χ			Χ
Northern Harrier	1 X		Χ	Χ			Χ			
Sharp-shinned Hawk	1								Χ	
Cooper's Hawk	1		Χ		Χ	Χ		Χ	Χ	
Northern Goshawk										
Red-shouldered Hawk	1 X							Χ		
Broad-winged Hawk	1								Χ	
Swainson's Hawk										
Red-tailed Hawk	1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Rough-legged Hawk										
Golden Eagle										
American Kestrel	1	Χ	Χ		Χ					

Merlin
/rfalcon
Peregrine Falcon
Yellow Rail
King Rail
Virginia Rail
Sora
Purple Gallinule
Common Moorhen
American Coot
Sandhill Crane
Whooping Crane
Black-bellied Plover
American Golden-Plover
Semipalmated Plover
Piping Plover
Killdeer
American Avocet
Spotted Sandpiper
Solitary Sandpiper
Greater Yellowlegs
Willet
Lesser Yellowlegs
Upland Sandpiper
Whimbrel
Hudsonian Godwit
Marbled Godwit
Ruddy Turnstone
Red Knot
Sanderling
Semipalmated Sandpiper
Western Sandpiper
Least Sandpiper
White-rumped Sandpiper
Baird's Sandpiper
Pectoral Sandpiper
Purple Sandpiper
Dunlin
Curlew Sandpiper
Stilt Sandpiper
Buff-breasted Sandpiper
Ruff
Short-billed Dowitcher
Long-billed Dowitcher
Wilson's Snipe
American Woodcock
Wilson's Phalarope

Red-necked Phalarope		1											
Red Phalarope													
Laughing Gull													
Franklin's Gull													
Little Gull		1											
Bonaparte's Gull		1										Χ	
Ring-billed Gull		1 X		Χ	Χ	Χ	Χ	Χ	Χ	Χ		Χ	
California Gull													
Herring Gull		1 X		Χ	Χ		Χ	Χ		Χ		Χ	
Thayer's Gull													
Iceland Gull		1											
Black-headed Gull		1											
Lesser Black-backed Gull		1											
Glaucous Gull													
Great Black-backed Gull	7	1		Χ	Χ								
Sabine's Gull	7												
Black-legged Kitiwake	7												
Least Tern													
Caspian Tern		1										Χ	
Black Tern													
Common Tern		1										Χ	
Arctic Tern													
Forster's Tern		1											
Pomarine Jaeger	7												
Parasitic Jaeger	7												
Long-tailed Jaeger	7												
Ancient Murrelet	7												
Rock Pigeon		1 X		Χ	Χ		Χ		Χ				
Eurasian Collared-Dove													
White-winged Dove													
Mourning Dove		1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		
Yellow-billed Cuckoo		1											
Black-billed Cuckoo													
Eastern Screech-Owl		1											
Great Horned Owl		1			Χ								
Snowy Owl													
Northern Hawk Owl													
Barred Owl													
Great Gray Owl													
Long-eared Owl													
Short-eared Owl													
Boreal Owl													
Northern Saw-whet Owl	7												
Common Nighthawk	7												
Chuck-will's-widow													
Whip-poor-will	7												
Chimney Swift	7	1									Χ		Χ

Ruby-throated Hummingbird		1										
Rufous Hummingbird*												
Belted Kingfisher		1	Χ		Χ				Χ		Χ	
Red-headed Woodpecker		1		Χ								
Red-bellied Woodpecker		1	Χ	Χ	Χ		Χ	Χ	Χ	Χ	Χ	
Yellow-bellied Sapsucker		1							Χ			
Downy Woodpecker		1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Hairy Woodpecker		1	Χ			Χ					Χ	
Am. Three-toed Woodpecker												
Black-backed Woodpecker												
Northern Flicker		1			Χ	Χ	Χ		Χ	Χ	Χ	
Pileated Woodpecker		1							Χ			
Olive-sided Flycatcher		1										
Eastern Wood-Pewee		1										
Yellow-bellied Flycatcher		1										
Acadian Flycatcher		1										
Alder Flycatcher		1										
Willow Flycatcher		1										
Least Flycatcher		1										
Eastern Phoebe		1							Χ	Χ		
Say's Phoebe												
Great-crested Flycatcher		1										
Western Kingbird	7											
Eastern Kingbird		1									Χ	Χ
Scissor-tailed Flycatcher												
Loggerhead Shrike												
Northern Shrike	7	1										
White-eyed Vireo		1										
Bell's Vireo												
Yellow-throated Vireo		1										
Blue-headed Vireo		1									Χ	
Warbling Vireo		1										Χ
Philadelphia Vireo												
Red-eyed Vireo	7	1										
Gray Jay												
Blue Jay	7	1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Fish Crow												
American Crow		1 X	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ		
Common Raven												
Horned Lark		1			Х	Х			Х			
Purple Martin		1									Χ	Χ
Tree Swallow		1						Х	Х	Χ	Χ	Χ
N. Rough-winged Swallow		1									Х	Х
Bank Swallow		1									Х	
Cliff Swallow		1									Х	
Cave Swallow		1									•	
Barn Swallow		1								Х	Х	Х
		-								^	^	^

Black-capped Chickadee		1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		
Carolina Chickadee		1											
Boreal Chickadee													
Tufted Titmouse		1 X	Χ	Χ			Χ	Χ	Χ	Χ	Χ		
Red-breasted Nuthatch		1											
White-breasted Nuthatch		1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		
Brown Creeper		1			Χ		Χ						
Rock Wren													
Carolina Wren		1			Χ								
House Wren		1									Χ	Χ	
Winter Wren		1											
Sedge Wren													
Marsh Wren		1											
Golden-crowned Kinglet		1			Χ		Χ		Χ	Χ			
Ruby-crowned Kinglet		1									Χ		
Blue-gray Gnatcatcher		1									Χ		
Eastern Bluebird		1			Χ					Χ	Χ	Χ	
Townsend's Solitaire													
Veery		1											
Gray-cheeked Thrush													
Swainson's Thrush		1											
Hermit Thrush		1											
Wood Thrush		1											
American Robin		1 X	Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Varied Thrush													
Gray Catbird		1										Χ	Χ
Northern Mockingbird		1			Χ								
Sage Thrasher													
Brown Thrasher		1									Χ		
European Starling		1 X	Χ	Χ	Χ		Χ	Χ	Χ	Χ	Χ	Χ	
American Pipit		1											
Bohemian Waxwing													
Cedar Waxwing		1									Χ		
Blue-winged Warbler		1											
Golden-winged Warbler													
Tennessee Warbler		1											
Orange-crowned Warbler													
Nashville Warbler		1									Χ		
Northern Parula		1											Χ
Yellow Warbler		1									Χ	Χ	
Chestnut-sided Warbler		1											
Magnolia Warbler		1											Χ
Cape May Warbler													
Black-throat. Blue Warbler		1											
Yellow-rumped Warbler		1											
Black-throa. Green Warbler		1											
Blackburnian Warbler													
	_												

Pine Warbler Kirtland's Warbler Prairie Warbler Palm Warbler Bay-breasted Warbler Blackpoll Warbler Blackpoll Warbler Black-and-white Warbler Black-and-white Warbler Black-and-white Warbler Black-and-white Warbler American Redstart Prothonotary Warbler Worm-eating Warbler Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Connecticut Warbler Mourning Warbler Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Connecticut Warbler Mourning Warbler 1 Wilson's Warbler 1 Wilson's Warbler 1 Wallow-breasted Chat Summer Tanager Scarlet Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow 1 Clay-colored Sparrow 1 Lark Sparrow
Prairie Warbler
Palm Warbler 1 X Bay-breasted Warbler 1 X Blackpoll Warbler 1 X Cerulean Warbler 1 X Black-and-white Warbler 1 X American Redstart 1 X Prothonotary Warbler 1 X Worm-eating Warbler 1 X Ovenbird 1 X Northern Waterthrush Kentucky Warbler X Connecticut Warbler 1 X Mourning Warbler 1 X Common Yellowthroat 1 X Hooded Warbler 1 X Wilson's Warbler 1 X Canada Warbler 1 X Yellow-breasted Chat X Summer Tanager 1 X Green-tailed Towhee 1 X Eastern Towhee 1 X American Tree Sparrow 1 X Chipping Sparrow 1 X Cla
Bay-breasted Warbler
Blackpoll Warbler 1
Cerulean Warbler Black-and-white Warbler American Redstart Prothonotary Warbler Worm-eating Warbler Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler 1 Wilson's Warbler 1 Wilson's Warbler 1 Canada Warbler 1 Yellow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee Eastern Towhee 1 American Tree Sparrow Clay-colored Sparrow 1 Field Sparrow 1 V X X X X X X X X X X X X X
Cerulean Warbler Black-and-white Warbler American Redstart 1
American Redstart Prothonotary Warbler Worm-eating Warbler Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler Wilson's Warbler 1 Wilson's Warbler 1 Vallow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee 1 American Tree Sparrow 1 Field Sparrow 1 Vesper Sparrow 1 X X X X X X X X X X X X
Prothonotary Warbler Worm-eating Warbler Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler Wilson's Warbler 1 Warbler 1 Wilson's Warbler 1 Vallow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee 1 American Tree Sparrow 1 Field Sparrow 1 Vesper Sparrow 1 I I I I I I I I I I I I I I I I I I
Worm-eating Warbler Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler Wilson's Warbler 1 Canada Warbler 1 Yellow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow Tild Sparrow 1 X 1 X 1 X X X X X X X
Ovenbird Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler Vilson's Warbler Canada Warbler 1 Vandad Warbler 1 Vallow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow 1 Vesper Sparrow 1 X X X X X X X X X X X X
Northern Waterthrush Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler 1
Louisiana Waterthrush Kentucky Warbler Connecticut Warbler Mourning Warbler 1
Kentucky Warbler Connecticut Warbler Mourning Warbler 1
Connecticut Warbler Mourning Warbler Common Yellowthroat Hooded Warbler Wilson's Warbler 1 Canada Warbler Yellow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow Yesper Sparrow 1 X X X X X X X X X X X X
Mourning Warbler Common Yellowthroat Hooded Warbler Wilson's Warbler Canada Warbler Yellow-breasted Chat Summer Tanager Scarlet Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow Vesper Sparrow I X X X X X X X X X X X X
Common Yellowthroat Hooded Warbler Wilson's Warbler 1 Canada Warbler 1 Yellow-breasted Chat Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow Vesper Sparrow Vesper Sparrow 1 X X X X X X X X X X X X
Hooded Warbler Wilson's Warbler Canada Warbler Yellow-breasted Chat Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Clay-colored Sparrow Vesper Sparrow 1 X X X X X X X X X X X X
Wilson's Warbler Canada Warbler Yellow-breasted Chat Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Chipping Sparrow Clay-colored Sparrow Field Sparrow Vesper Sparrow
Canada Warbler Yellow-breasted Chat Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee American Tree Sparrow Chipping Sparrow Clay-colored Sparrow Field Sparrow 1
Yellow-breasted Chat Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee 1 X American Tree Sparrow 1 X X X X X X X X X X X X X X X X X X X
Summer Tanager Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee 1
Scarlet Tanager Western Tanager Green-tailed Towhee Eastern Towhee 1 X American Tree Sparrow 1 X X X X X X X X X X X Chipping Sparrow 1 X X Clay-colored Sparrow 1 X X Vesper Sparrow
Western Tanager Green-tailed Towhee Eastern Towhee 1
Green-tailed Towhee Eastern Towhee 1
Eastern Towhee 1 X American Tree Sparrow 1 X X X X X X X X X Chipping Sparrow 1 X X Clay-colored Sparrow 1 Field Sparrow 1 X Vesper Sparrow
American Tree Sparrow Chipping Sparrow Clay-colored Sparrow Field Sparrow 1 X X X X X X X X X X X X
Chipping Sparrow 1 X X Clay-colored Sparrow 1 Field Sparrow 1 X Vesper Sparrow
Clay-colored Sparrow 1 Field Sparrow 1 X Vesper Sparrow
Field Sparrow 1 X Vesper Sparrow
Vesper Sparrow
Lark Sparrow
Lark Sparrow
Lark Bunting
Savannah Sparrow 1
Grasshopper Sparrow
Henslow's Sparrow 1
Le Conte's Sparrow
Nel. Sharp-tailed Sparrow
Fox Sparrow 1 X
Song Sparrow 1 X X X X X X X X
Lincoln's Sparrow 1
Swamp Sparrow 1 X X
White-throated Sparrow 1 X X X
Harris's Sparrow
White-crowned Sparrow 1

Dark-eyed Junco	1	Χ	Χ		Χ	Χ						
Lapland Longspur												
Smith's Longspur												
Snow Bunting	1		Χ									
Northern Cardinal	1 X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Rose-breasted Grosbeak	1											Χ
Blue Grosbeak												
Indigo Bunting	1										Χ	
Painted Bunting												
Dickcissel												
Bobolink	1											
Red-winged Blackbird	1 X			Χ		Χ	Χ	Χ	Χ	Χ	Χ	
Eastern Meadowlark	1							Χ				
Western Meadowlark												
Yellow-headed Blackbird												
Rusty Blackbird	1							Χ	Χ			
Brewer's Blackbird												
Common Grackle	1			Χ		Χ	Χ	Χ	Χ	Χ	Χ	
Brown-headed Cowbird	1					Χ	Χ	Χ	Χ	Χ	Χ	
Orchard Oriole												
Baltimore Oriole	1									Χ	Χ	Χ
Pine Grosbeak												
Purple Finch	1											
House Finch	1	Χ		Χ		Χ	Χ	Χ	Χ			
Red Crossbill												
White-winged Crossbill												
Common Redpoll												
Hoary Redpoll												
Pine Siskin	1		Χ	Χ		Χ	Χ		Χ			
American Goldfinch	1 X	Χ	Χ	Χ						Χ	Χ	
Evening Grosbeak	1						Χ		Χ			
House Sparrow	1 X	Χ	Χ	Χ		Χ	Χ	Χ	Χ	Χ		

6/4 Orion Oaks	6/12 Thumb	7/9 Butterflies-Indian Springs	8/7 Lost Nation	8/20 Pte. Mouillee	8/24 R Long/Heritage	8/28 Lake Erie MP	9/14 Kensington	9/17 Lake St. Clair MP	10/12 Heritage	10/16 Crosswinds	10/30 Haenhle	11/11 Indiana Cranes	11/16 Kensington	11/19 Belle Isle	12/2 Niagara Falls	12/7 R Long/Walled Lake	12/17 CBC
X	X		X	x	X X	X X	X X	X X	X	X X	X X X	X X	X X	X X	x x	X X	X X X
			Х	Х	Х	X	Х	X		Х	Х	X	X X	x	x	Х	X X
	X		X	X	X	X X	X	X	X	X	X X X	x x	X X X	x	X X	x x	X X
	۸		X	^	٨	X	٨	^	٨	٨	X X	X X X	X	^	X	X X	^
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															X X X		
												Х	X X	X X	X X X	X X	X X
												X		X	X X	x	X X

Χ

	Х						Χ						Χ		Χ		Χ
															Χ		
				X X	X	X		X			X	X X	X X	x	X		X
				Х													
				Х		Χ	Х	Χ						Х	Χ		
X X				X X X	X X	X X		X X	X	X		X X	X	X			х
	X		Х		Х	Х		Х						X			
Х	X X	X		X					X	Х		Х			X X		Х
X	X			X	X		X		X X	Х	X	X X	Х		X X X	X	Χ
																	X
X	Х		X		X	X	X	X		X	X	X		X	X	X	X
	X											Х	х	х	Х		Х

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X X Χ Χ

x x x Χ Χ

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x x Χ Χ

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Χ Χ Χ

Χ $\begin{matrix} \mathsf{X} \\ \mathsf{X} & \mathsf{X} & \mathsf{X} & \mathsf{X} \end{matrix}$ Χ Χ Χ Χ Χ Χ Χ Χ Χ Χ Χ $X \quad X \quad X$ Χ Χ Χ Χ Χ Χ x x Χ Χ Χ Χ

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X X

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			Х			Х	Х	Х	Х								
		Χ	Χ		Χ					Χ		Х	Χ			Χ	Χ
	V		V		V	V	X	V	v	V	V	V	V	V	V		v
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	Χ																
	Χ																
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Χ	Χ		Χ		Χ	Χ											
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			Χ														
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Χ	Χ		Χ			Χ											
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Х	Χ	Х	Χ		Χ	Χ		Х	Χ	Χ	Χ	Χ	Х	Χ	Χ	Х	Χ
Х	Χ	Х	Х		Χ		Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Χ
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	Χ																Χ
Χ			Χ	Χ						Χ							
	Χ	Χ				Χ											
	Χ																
Χ		Х		Х	Х	Χ											

х	X	Х	Х		Х	Х	Х	Х	X	X	X	X X	X	X	X	Х	X
X			Χ			X	X	X	Χ					X		X	X X
Х		Χ	Х		X	Х	X X	Х	Х	Х	Х	X	Х	X X	X X	Х	X X
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X	Χ		Χ						Χ								Х
								Х									
							Χ		Χ	Х	Х	Χ		Χ	Χ		
Х		Χ	Χ		Χ		^	Χ	^	^	^						
Χ	Х	Χ			Χ	Χ	Χ		Χ		Χ	Χ	Χ				Χ
Χ	Х	Χ				Χ											
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