

# Birds in the Saginaw Bay Area

## August 1<sup>st</sup>, 2009 thru November 30<sup>th</sup>, 2009

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**Summary:** It appeared that observer effort was down a little this fall, particularly in the early weeks. There was also a slight drop in the number of observers as compared to the last few fall reports. Several species that were very likely present went unreported, but a few species that usually go undetected were observed. All totaled, 231 species from the Michigan Bird List were reported, a drop from recent years, but otherwise near average for the last twenty years. Numbers-wise, lower than normal peaks for many waterfowl species were notable. Several observers reported that higher than recent water levels in the Great Lakes reduced the un-vegetated shoreline along Lake Huron, Saginaw Bay, and the Shiawassee River flats, thus eliminating much shorebird habitat in these locations. As far as new records go, it was noteworthy that once again, as in autumn 2008, eight new seasonal late dates were set. Interestingly, six of these were for insectivores that capture all or some of their prey in flight. Impressive new all-time peak counts were recorded for **Ruddy Duck** and **Rusty Blackbird**, and the rarely encountered **Ruff\*** and **Nelson's Sparrow\*** were reported. **Red-headed Woodpeckers** continued to be reported with an encouraging consistency.

\*Michigan Review List Species. Inclusion of records for these species in this report does not signify that they have been verified, only that an encounter was reported. The observation will not be considered an official SBA record until it has been reviewed and accepted by the Michigan Bird Records Committee (MBRC).

**Weather:** Climatic conditions in the SBA this fall were somewhat of a seesaw affair. The unseasonably cool summer continued on into mid-August, when temperatures finally warmed-up to normal. This change proved to be short lived however, and by the end of August, the below normal regime was back in place. Then, in stark contrast, temperatures in September rose to above normal. Precipitation during the month was below normal, with next to no rain falling in the first twenty days. This situation came to an abrupt halt at the tail end of the month, as a cold front with strong gusty winds preceded another change in weather direction. The first half of October was quite unseasonably cold and wet, with November-like storms, and killing frosts occurring early on in the month. This dreariness eased in the last portion of October, making way for what was to be one of the most tranquil Novembers on record. After a cool first few days, consistently mild temperatures prevailed throughout the month, a near record low amount of precipitation fell, and the season ended without any snow on the ground or ice on the ponds.

(Weather is based upon the best available data from NOAA, which is for Saginaw MBS. While generally applicable to the greater SBA, conditions in the northern and lakeshore portions of the area may have varied to some extent.)

***This report, as well as previous seasonal reports from 2000-2009, can be found at <http://www.saginawbaybirding.org>, along with updates on winter 2009-2010 migration in the Saginaw Bay Area, as reported to Joe Soehnel at [soehnelj@gmail.com](mailto:soehnelj@gmail.com) or at 989-892-3687.***

***Many thanks to all observers who contributed their sightings directly to this compilation. Your efforts result in a significantly more accurate and thorough report. Additional thanks to Joe Soehnel for his ongoing input. Last but not least, thanks to all those who shared their photos of Birds in Saginaw Bay Area this past autumn.***



**Red-throated Loons by: Doug Jackson  
Taken 11/12/09 at Port Crescent, Hu**



**Scarlet Tanager by: Jan Zender-Romick  
Taken 11/20/09 at Midland, Mi**



**Golden-crowned Kinglet by: Paul Revard  
Taken 10/18/09 at**



**Olive-sided Flycatcher by: Joe Soehnel  
Taken 09/07/09 at Hampton Twp., Ba**

Species	Number	Date	Location	Observers / Comments
GRTR WHITE-FRNTED GOOSE:	1	10/15	SNWR, Sa	DJP
SNOW GOOSE:	9	10/1	SNWR, Sa	DJP - first date - also noted in Hu
	13	11/1	SNWR, Sa	DJP
CAACKLING GOOSE:	1	9/29	SNWR, Sa	DJP,DEP - first date
	15	10/15	SNWR, Sa	DJP - peak count
CANADA GOOSE:	6631	10/15	SNWR, Sa	DJP - also noted in Ar,Hu,Mi,Tu
	1500+	11/1	Boutell Rd., Ba	JMS - included a few diving, similar to those JMS observed last November
MUTE SWAN:	45	11/1	Tobico Marsh, Ba	DLJ - also noted in Hu,lo,Sa,Tu
TUNDRA SWAN:	21	10/13	Linwood, Ba	JZ - first date
	244	11/1	SNWR, Sa	DJP - also noted in Ar,Hu,Mi,Tu
TRUMPETER SWAN:	2	10/11 -	SNWR, Sa	DJP,SFK
	1-2	tp 10/11 -	Kawkawlin R., Flooding, Mi	JMS,MKE
	15	11/11 11/7	Foote Pond, lo	DLJ
WOOD DUCK:	<b>327</b>	9/10	SNWR, Sa	<b>DJP - new SBA fall high count</b>
	12	11/1	Tobico Marsh, Ba	- also noted in lo,Mi,Tu DLJ - last date, here and in Sa (JEV)
GADWALL:	82	10/21	SNWR, Sa	DJP - peak count
	35	11/1	Tobico Marsh, Ba	DLJ - also noted in Mi,Tu
AMERICAN WIGEON:	5	8/27	Dow Ponds, Mi	JZ - also noted in Ba
	117	10/8	SNWR, Sa	DEP - peak count
AMERICAN BLACK DUCK:	4	11/4	BCSRA, Ba	JMS - also noted in lo,Mi
	122	11/11	SNWR, Sa	DJP
MALLARD:	1239	9/25	SNWR, Sa	DEP - also noted in Ar,Ba,Hu,Mi,Tu
BLUE-WINGED TEAL:	42	10/8	SNWR, Sa	DEP - also noted in Ba
	20	10/15	FPSWA, Tu	JEV - last date, here and in Mi (MKE)
NORTHERN SHOVELER:	147	11/25	SNWR, Sa	DEP - also noted in Ba,Mi,Tu
NORTHERN PINTAIL:	1	11/11	Karn Plant, Ba	JMS,MW - also noted in Sa - It appears that very limited numbers of NOPI were present in the SBA this fall
GREEN-WINGED TEAL:	1166	10/21	SNWR, Sa	DJP - also noted in Hu,Mi,Tu
	75	11/1	Tobico Marsh, Ba	DLJ
CANVASBACK:	273	10/28	SNWR, Sa	SFK - also noted in Ba,Hu
REDHEAD:	12	10/27	Port Hope, Hu	JZ
	25	11/7	Harbor Beach, Hu	JEV - also noted in Ba,lo,Mi,Sa
RING-NECKED DUCK:	411	10/21	SNWR, Sa	DJP - also noted in Mi
GREATER SCAUP:	75	10/16	Karn Plant, Ba	JMS,MW - first date - also noted in Sa
	200+	11/11	Karn Plant, Ba	JMS,MW

LESSER SCAUP:	300	10/10	Dow Ponds, Mi	MKE - also noted in Sa
SURF SCOTER:	2 3	10/27 11/1 - 11/11	Port Hope, Hu BCSRA, Ba	JZ JMS,MW,GSP,EMP
WHITE-WINGED SCOTER:	1 5	10/16 11/1 - 11/4	BCSRA, Ba BCSRA, Ba	JMS,MW - first date - also noted in Hu JMS
BLACK SCOTER:	1 4 2	10/25 10/26 11/11	Port Austin, Hu Dow Ponds, Mi BCSRA, Ba	MW - first date MKE JMS,MW
LONG-TAILED DUCK:	1 5	11/7 11/23	TPSP, lo AuGres River mouth, Ar	JMS - first date - also noted in Ba,Hu JZ
BUFFLEHEAD:	7 120	10/16 11/2 - 11/3	Dow Ponds, Mi MCV Ponds, Mi	JZ - first date MKE,JZ- peak count - also noted in Ar,Ba,Hu,lo,Sa,Tu
COMMON GOLDENEYE:	3 855	10/16 11/4	Karn Plant, Ba BCSRA, Ba	JMS,MW - first date JMS - also noted in Ar,Hu,Mi
COMMON GOLDENEYE X HOODED MERGANSER:	1	11/11	AuSable River mouth, lo	JMS,MW
HOODED MERGANSER:	102	11/11	Stover Rd., Ar	JMS,MW - peak count -also noted in Ba,Hu,Mi,Sa
COMMON MERGANSER:	18 400+	9/11 11/30	TPSP, lo Dow Ponds, Mi	WWS,RAE,DLJ,BB,PR - first date MKE - also noted in Ar,Hu,Sa
RED-BREASTED MERGANSER:	2 15	11/1 11/23	BCSRA, Ba Tawas Bay, lo	JMS - also noted in Ar,Mi JZ
RUDDY DUCK:	2 <b>1000+</b>	8/22 11/3	Dow Ponds, Mi Dow Ponds, Mi	MKE - also noted in Sa JZ - <b>ties SBA peak count</b>
RING-NECKED PHEASANT:	1	9/15	Koylton Twp., Tu	JEV - also noted in Hu,Sa
RUFFED GROUSE:	8 3 2 1	8/19 9/27 10/4 10/25	northwest Ar KoyltonTwp., Tu Cooke Dam area, lo Gagetown, Hu	DLJ - an adult w/7 juveniles JEV WWS MW
WILD TURKEY:	12 31	11/1 11/30	Maplegrove Rd., Tu Currie Golf Course, Mi	JEV - also noted in Ba,Hu,Sa MKE
RED-THROATED LOON:	<b>3</b>	11/12	PCSP, Hu	DLJ - 1adult and 2 immature <b>- ties SBA peak count</b>
COMMON LOON:	1 4 1	9/10 - 10/4 11/4 11/12	Cooke Dam area, lo BCSRA, Ba Port Austin, Hu	WWS - also noted in Hu,Tu JMS DLJ
PIED-BILLED GREBE:	88 1	9/24 11/30	SNWR, Sa Dow Ponds, Mi	DJP - peak count - also noted in Ba,Tu MKE

HORNED GREBE:	1	10/13	Grindstone City, Hu	MKE - first date - also noted in Tu
	3	11/6	PCSP, HU	JEV
	1	11/7	BCSRA, Ba	GSP,EMP
AMERICAN WHITE PELICAN:	5	8/6	Killarney Beach, Ba	CC
	1	10/11	SNWR, Sa	SFK
	4	10/24	Karn Plant, Ba	per MW
DOUBLE-CRSTD CORMORANT:	260	9/5	Dow Ponds, Mi	MKE - the observer noted "140 perched on high-voltage wires (a sight!)"
	10	11/30	Dow Ponds, MI	MKE -also noted in Ba,Hu,Io,Sa
AMERICAN BITTERN:	1	9/22	NPSWA, Ba	JZ
	1	10/15	FPSWA, Tu	JEV
	1	10/25	Hampton Twp., Ba	SM
LEAST BITTERN:	1	9/2	SNWR, Sa	DEP
GREAT BLUE HERON:	42	9/24	SNWR, Sa	DJP - peak count, present here tp - also noted in Ar,Ba,Hu,Io,Mi,Tu
GREAT EGRET:	443	9/24	SNWR, Sa	DJP - peak count
	6	11/11	SNWR, Sa	DJP - last date - also noted in Ba,Hu,Mi,Tu
CATTLE EGRET:	1	8/13	Dow Ponds, Mi	MKE - adult age
	1	11/1	BCSRA, Ba	JMS
GREEN HERON:	10	8/7	SNWR, Sa	DJP,DEP
	5	9/7	NPSWA, Ba	JMS
BLK-CROWNED NIGHT- HERON:	57	8/20	Dow Ponds, Mi	MKE
	18	10/5	Shiawassee R. SGA, Sa	KL
TURKEY VULTURE:	<b>231</b>	10/11	SNWR, Sa	SFK - <b>new SBA fall high count</b> - All in view at the same time, an exceptional record for any location in the SBA except PCSP in the spring.
	1	11/13	Essexville, Ba	JMS - last date - also noted in Hu,Mi,Tu
OSPREY:	4	8/7	Tuttle Marsh, Io	WWS,RAE
BALD EAGLE:	18	8/1	SNWR, Sa	JB - also noted in Ar,Hu,Io,Mi,Tu
NORTHERN HARRIER:	4	8/7	Tuttle Marsh, Io	WWS,RAE - also noted in Ar,Ba,Hu,Tu
	5	10/11	SNWR, Sa	SFK
SHARP-SHINNED HAWK:	1	8/31	TPSP, Io	JZ- also noted in Hu,Mi,Tu
	2	9/5	TPSP, Io	WWS,RAE
	2	10/11	SNWR, Sa	SFK
	1	11/1	Bangor Twp., Ba	GEP - the observer noted "Checking out the feeders; I guess bird feeders dispense birds - from an accipiter's point of view".
COOPER'S HAWK:	2	8/22	Koylton Twp., Tu	JEV - also noted in Hu,Io,Mi,Sa
	2	11/21	Hampton Twp., Ba	JMS
NORTHERN GOSHAWK:	1	9/1	Lake Huron shoreline, Io	RAE - immature age
	1	9/13 - 9/27	Koylton Twp., Tu	JEV
RED-SHOULDERED HAWK:	1	8/2	Tyler Plains, Ar	DLJ
	2	10/25	Koylton Twp., Tu	JEV

BROAD-WINGED HAWK:	4 1 1	8/4 8/13 9/20	Cooke Dam area, Io FPSWA, Tu Seven Mile Rd., Mi	WWS - 1 adult w/3 immature AR,MR MKE - last date
RED-TAILED HAWK:	5 10 1	8/30 10/11 10/14	TPSP, Io Koylton Twp., Tu SNWR, Sa	WWS,RAE - also noted in Ar,Ba,Hu,Mi JEV DJP - the perennial wintering dark western bird of intermediate (rufous) morph returns for the 23 <sup>rd</sup> year
ROUGH-LEGGED HAWK:	1	<b>9/22</b>	FPSWA, Tu	JEV - <b>new SBA fall early</b> - also noted in Ar,Hu,Sa
GOLDEN EAGLE:	1	11/5	Bridgeport, Sa	LMA
AMERICAN KESTREL:	3 2	9/3 10/26	SNWR, Sa Monitor Twp., Ba	DJP,DEP - also noted in Ar,Hu,Io,Tu GSP
MERLIN:	1 1 1	10/1 10/11 10/28	TPSP, Io PCSP, Hu Tittabawassee Trail, Mi	DLJ - also 1 here on 10/17(DLJ) MW MKE
PEREGRINE FALCON:	1 1 1	8/7 9/22 10/11	Karn Plant, Ba FPSWA, Tu SNWR, Sa	SM - also noted in Mi JEV SFK
VIRGINIA RAIL:	4 1	8/7 8/22	SNWR, Sa NPSWA, Ba	DJP JZ - immature age
SORA:	1 1	8/7 9/24	Tuttle Marsh, Io SNWR, Sa	WWS,RAE DJP
COMMON MOORHEN:	10 11	9/24 10/1	SNWR, Sa Crow Island SGA, Sa	DJP - also noted in Ba RAE - last date
AMERICAN COOT:	126 263	10/15 10/21	Crow Island SGA, Sa SNWR, Sa	JMS - also noted in Ba,Hu,MI,Tu DJP - peak count
SANDHILL CRANE:	21 134	8/26 11/19	Lake Twp., Hu SNWR, Sa	MKE - also noted in Ar,Ba,Mi,Tu SFK - peak count
BLACK-BELLIED PLOVER:	1 5	8/31 10/17	LeBourdais Rd., Ba TPSP, Io	GSP - first date - also noted in Hu,Mi,Sa DLJ - peak count and last date
AM GOLDEN- PLOVER:	1 1 1	8/13 9/24 10/1	Bayport Quarry, Hu SNWR, Sa TPSP, Io	JEV - first date DJP DLJ - last date
SEMIPALMATED PLOVER:	7 1	8/7 10/26	SNWR, Sa SNWR, Sa	DJP - also noted in Ba,Hu DEP - last date
KILLDEER:	130 2	8/13 11/11	Bayport Quarry, Hu Spaulding Twp., Sa	JEV - peak count - also noted in Ba,Mi,Tu DJP - last date
AMERICAN AVOCET:	2 2	8/3 9/26 - 9/27	LeBourdais Rd., Ba Dow Ponds, Mi	GSP et.al. JML,JZ
SPOTTED SANDPIPER:	5 3	8/14 9/5	SNWR, Sa Port Austin, Hu	DJP - also noted in Ba,Io JMS - last date
SOLITARY SANDPIPER:	9 1	9/3 10/16	SNWR, Sa SNWR, Sa	DJP - also noted in Hu DJP - last date

GREATER YELLOWLEGS:	40 1	9/17 11/11	SNWR, Sa SNWR, Sa	DJP - peak count DJP - last date - also noted in Ba,Hu,Io,Tu
WILLET:	1	8/31	LeBourdais Rd., Ba	GSP - a nicely documented record
LESSER YELLOWLEGS:	50 1	8/7 11/3	SNWR, Sa SNWR, Sa	DJP - peak count - also noted in Ba,Io DJP - last date
MARbled GODWIT:	1	8/7 - 8/14	SNWR, Sa	DJP,DEP
RUDdy TURNSTONE:	2 2	8/7 8/10	TPSP, Io LeBourdais Rd., Ba	WWS,RAE,DLJ GSP
RED KNOT:	3	9/2	LeBourdais Rd., Ba	DLJ
SANDERLING:	5 11 3	8/3 8/10 11/1	LeBourdais Rd., Ba Lebourdais Rd., Ba BCSRA, Ba	GSP et.al. - first date - also noted in Io,Sa GSP - peak count JMS - last date
SEMIPALMATED SANDPIPER:	29 2	8/28 9/17	SNWR, Sa SNWR, Sa	DJP - peak count - also noted in Ba DJP - last date
LEAST SANDPIPER:	66 4	8/7 10/27	SNWR, Sa SNWR, Sa	DJP - peak count - also noted in Ba,Io DJP - last date
WHITE-RUMPED SANDPIPER:	1	10/15	SNWR, Sa	DJP
BAIRD'S SANDPIPER:	1	9/17	SNWR, Sa	DJP
PECTORAL SANDPIPER:	1 14 9	8/3 8/28 10/27	LeBourdais Rd., Ba SNWR, Sa SNWR, Sa	GSP et.al. - first date DJP - peak count DJP - last date
DUNLIN:	6 444 60	9/24 10/27 11/11	SNWR, Sa SNWR, Sa Ba / Ar Co. line, Ba	DJP - first fall date - also noted in Hu,Io,Mi DJP - peak count JMS,MW - last date
STILT SANDPIPER:	1 18 9	8/1 10/7 10/27	SNWR, Sa SNWR, Sa SNWR, Sa	JB - first date DJP - peak count DJP - last date
* RUFF:	1	9/20	TPSP, Io	DLJ - The observer has submitted photographic documentation to the MBRC for review. If accepted, this will represent the 1 <sup>st</sup> Io record and the 9 <sup>th</sup> SBA record.
SHORT-BILLED DOWITCHER:	4	8/7	SNWR, Sa	DJP - also noted in Ba
LONG-BILLED DOWITCHER:	10 68 30	9/24 10/27 11/3	SNWR, Sa SNWR, Sa SNWR, Sa	DJP - first date - ID by voice DJP - ID by voice - <b>new SBA peak count</b> DJP - ID by voice and immature plumage - <b>new SBA fall late</b>
DOWITCHER SP:	13 6	9/10 10/21	SNWR, Sa SNWR, Sa	DJP DJP
WILSON'S SNIPE:	50 1	8/28 11/29	SNWR, Sa Hampton Twp., Ba	DJP - peak count - also noted in Mi SM - last date
AMERICAN WOODCOCK:	1 1	8/6 10/25	McNally Rd., Mi Quanicassee, Tu	MKE AM

WILSON'S PHALAROPE:	1	8/25	SNWR, Sa	DEP,JDS
RED-NECKED PHALAROPE:	2	10/9	SNWR, Sa	DEP,DJP - juvenile age
BONAPARTE'S GULL:	52 1200+	10/4 10/16	Dow Ponds, Mi Karn Plant, Ba	MKE - also noted in Ar,Io,Sa,Tu JMS,MW - peak count
RING-BILLED GULL:	1000+	8/20	Dow Ponds, Mi	MKE - also noted in Ar,Ba,Hu,Io,Sa,Tu
HERRING GULL:	1227 50	11/1 11/7	SNWR, Sa Lighthouse Rd., Hu	DJP - also noted in Ba,Io,Mi JEV
GREAT BLACK-BACKED GULL:	1	10/17	Dow Ponds, Mi	MKE - first date - also noted in Ba,Io
CASPIAN TERN:	19 14	8/10 10/16	LeBourdais Rd., Ba Karn Plant, Ba	GSP - also noted in Hu,Io,Sa JMS,MW - last date
COMMON TERN:	43 9	8/31 9/2	LeBourdais Rd., Ba LeBourdais Rd., Ba	GSP - also noted in Io DLJ - last date
BLACK TERN:	2	8/18	Crow Island SGA, Sa	JZ
ROCK PIGEON:	63 23	9/22 10/9	Spaulding Twp., Sa Bay City, Ba	DJP - also noted in Hu,Mi,Tu GSP,EMP
MOURNING DOVE:	140 238	8/28 11/5	Tittabawassee Trail, Mi SNWR, Sa	MKE - also noted in Ba,Hu,Tu DJP - peak count
EASTERN SCREECH OWL:	1  1	8/24  11/7	Saginaw, Sa  Midland, Mi	DJP - the observer noted "calling (unsolicited) in my backyard at 1:08 am" MKE - the observer noted "...in my own backyard in broad daylight, presence announced loudly by the locals (jays, chickadees, nuthatches, etc). About 6 feet off the ground, perched in the middle of a spruce bough." - also noted in Ar,Ba,Tu
GREAT HORNED OWL:	5 3	10/5 11/29	Shiawassee R. SGA, Sa Hampton Twp., Ba	KL - also noted in Tu SM
BARRED OWL:	1 1 1	9/1 10/11 11/2	WBSWA, Ar Bangor Twp., Ba Bridgeport, Sa	DLJ GSP,EMP LMA
LONG-EARED OWL:	3	11/5	SNWR, Sa	DJP
SHORT-EARED OWL:	1	11/11	SNWR, Sa	DJP
COMMON NIGHTHAWK:	18 23 20+ 2	8/25 8/27 8/29 8/30	Dow Ponds, Mi SNWR, Sa Baldwin Twp., Io Pinconning Twp., Ba	MKE - also noted in Mi,Tu SFK RAE DLJ - last date
CHIMNEY SWIFT:	42 2	8/10 9/7	Saginaw River, Sa NPSWA, Ba	DJP - also noted in Hu,Tu JMS - last date
RUBY-THRTD HUMMINGBIRD:	8 1	9/10 10/15	Cooke Dam area, Io Midland, Mi	WWS - also noted in Ba,Hu,Mi,Sa JZ - last date



BELTED KINGFISHER:	10	8/14	SNWR, Sa	DJP - peak count - also noted in Ba,Hu,IoTu
	1	11/24	SNWR, Sa	DJP - last date
RED-HEADED WOODPECKER:	2	8/2	Tyler Plains, Ar	DLJ - also noted in Sa,Tu
	1	8/26	PCSP, Hu	MKE - juvenile age
	3	9/10	Cooke Dam area, Io	WWS
	1	11/28	Alabaster Rd., Io	JMS
RED-BELLIED WOODPECKER:	1	11/12	CNC, Mi	JML - the observer noted "storing what looked like wild grapes in the roof of our sugarhouse" - also noted in Ar,Hu,Tu
	1	11/21	Hampton Twp., Ba	JMS - also one noted on 11/24 in Saginaw, Sa (DJP), as this mature woodland nesting species seems to disperse into the more open woodlands of urban areas in late fall.
YELLOW-BELLIED SAPSUCKER:	4	8/26	WBSWA, Ar	DLJ - also noted in Ba,Io,Mi
	1	11/1	FPSWA, Tu	JEV
DOWNY WOODPECKER:	6	8/3	Bangor Twp., Ba	GSP,EMP - also noted in Hu,Io,Sa,Tu
	4	tp	Midland, Mi	JZ
HAIRY WOODPECKER:	2	8/16	Bangor Twp., Ba	GSP,EMP - also noted in Hu,Sa,Tu
	1	tp	Midland, Mi	JZ
NORTHERN FLICKER:	6	8/6	Laur Big Salt R. Park, Mi	MKE - also noted in Io,Sa,Tu
	5	9/10	Bangor Twp., Ba	GSP,EMP
PILEATED WOODPECKER:	3	8/22	Price Nature Center, Sa	LMA - also noted in Ba,Hu,Mi
	3	9/10	Cooke Dam area, Io	WWS
OLIVE-SIDED FLYCATCHER:	1	8/7	Dublin Rd., Mi	MKE
	1	8/14	Tittabawassee Trail, Mi	MKE - "white fluff" noted
	1	8/25	7 Mile Rd, Mi	MKE
	1	8/28	Tittabawassee Trail, Mi	MKE - the observer noted - "Lowest perching OSFL I've seen... about 10 feet up at the tip of a <i>toppled</i> dead tree."
	1	9/7	Knight Rd., Ba	JMS
EASTERN WOOD-PEWEE:	10	8/25	Pine River Park, Mi	MKE - peak count - also noted in Ar,Ba,Hu,Tu
	1	<b>10/24</b>	Saginaw, Sa	DJP - <b>new SBA fall late</b> - the observer noted "Dark head, weak eye-ring, long and slim in appearance; an immature age bird w/ wing-bars buff colored".
ACADIAN FLYCATCHER:	1	8/6	Laur Big Salt R. Park, Mi	MKE
YELLOW-BELLIED FLYCTCHR:	1	8/13	Pigeon Rd. access, Hu	JEV
	1	<b>10/8</b>	Tittabawassee Trail, Mi	MKE - <b>new SBA fall late</b> - the observer noted "the size of the palm warblers flitting all about...saw the bird back and front... vivid white wingbars and even crisp light-edged primaries on an olive brown bird.. Active little duffer with wing-flicks, tail twitches. Then... the front. Yellow! Belly, undertail coverts, and bingo...throat. Olive wash between throat and belly areas. Eye ring noted. Short bill. A wonderful colorful sight".
ALDER FLYCATCHER:	1	8/6	Alamando Rd., Mi	MKE

WILLOW FLYCATCHER:	1 3	8/2 8/31	Pine River Park, Mi TPSP, Io	MKE - also noted in Sa JZ - last date
LEAST FLYCATCHER:	1 1	8/26 8/26	Wilderness Arboretum, Hu WBSWA, Ar	MKE DLJ
EMPIDONAX SP:	10	8/7	TPSP, Io	WWS,RAE,DLJ
EASTERN PHOEBE:	4 2	8/7 10/13	TPSP, Io Coggins Rd., Ba	WWS,RAE,DLJ - also noted in Mi,Tu,Sa JZ - last date
GRT CRESTED FLYCATCHER:	3 1	8/7 10/10	Wahl Rd., Sa Koylton Twp., Tu	KL - also noted in Ba,Mi,Tu JEV - last date, one day shy of SBA late
EASTERN KINGBIRD:	20+ 2	8/7 9/22	TPSP, Io FPSWA, Tu	WWS,RAE,DLJ JEV - last date - also noted in Ba,Hu,Mi,Sa
NORTHERN SHRIKE:	1	10/15	SNWR, Sa	DJP - first date - also noted in Hu,Mi,Tu
YELLOW-THROATED VIREO:	1	8/26	WBSWA, Ar	DLJ - also noted in Sa
BLUE-HEADED VIREO:	2 1	8/26 10/17	WBSWA, Ar Koylton Twp., Tu	DLJ - also noted in Ba,Hu JEV - last date
WARBLING VIREO:	1 1	8/26 9/5	PCSP, Hu TPSP, Io	MKE WWS,RAE - last date
RED-EYED VIREO:	6 3	8/31 9/19	TPSP, Io SNWR, Sa	JZ - also noted in Ar,Ba,Hu,Mi DJP - the observer noted: "a pair with a juvenile begging for food" - also 3 noted this date in Tu (JEV)
BLUE JAY:	500+	10/1	TPSP, Io	DLJ - peak count - also noted in Ar,Ba,Hu,Mi,Sa,Tu
AMERICAN CROW:	500 97	10/6 11/11	Bridgeport, Sa M-65 / Hale area, Io	LMA - also noted in Ar,Ba,Hu,Tu JMS,MW
COMMON RAVEN:	2 3	9/5 10/4	TPSP, Io Cooke Dam area, Io	WWS,RAE WWS
HORNED LARK:	29 35	9/30 11/11	SNWR, Sa Mt. Haley Twp., Mi	DJP - also noted in Hu,Tu GEV,MAL
PURPLE MARTIN:	50 4	8/13 <b>9/22</b>	Ridge Rd., Hu FPSWA, Tu	JEV - also noted in Ba,Io JEV - <b>new SBA fall late</b> - 1 male and 3 female / immature
TREE SWALLOW:	912 20	9/7 10/17	NPSWA, Ba Dow Ponds, Mi	JMS - peak count - also noted in Hu,Sa,Tu MKE - last date
N ROUGH-WINGED SWALLOW:	12 1	8/7 <b>10/14</b>	East Tawas, Io SNWR, Sa	JMS - also noted in Ba,Tu DJP - <b>ties SBA fall late</b>
BANK SWALLOW:	3 2	8/12 8/13	LeBourdais Rd., Ba FPSWA, Tu	GSP JEV
CLIFF SWALLOW:	2 1	9/7 <b>9/28</b>	NPSWA, Ba SNWR, Sa	JMS - also noted in Tu DJP - <b>new SBA fall late</b>
BARN SWALLOW:	62 2	8/23 10/11	Hampton Twp., Ba SNWR, Sa	JMS - also noted in Hu,Io,Mi,Tu SFK - last date

BLACK-CAPPED CHICKADEE:	30 up to 12	11/12 tp	Tittabawassee Trail, Mi Midland, Mi	MKE - also noted in Ba,Hu,lo,Sa,Tu JEV
TUFTED TITMOUSE:	<b>20+</b>	10/11	PCSP, Hu	MW - <b>ties SBA peak count</b> - the observer noted "probably 40+/- they were in every direction in oak savannah." - also noted in Ba,lo,Sa,Tu
	1	11/12	CNC, Mi	JML - the observer noted "tearing apart an old (bald-faced) hornet nest". The compiler has observed this activity as well, as these birds (presumably) forage for larva that did not mature before end of the season.
RED-BREASTED NUTHATCH:	1 1 8	8/10 8/26 11/15	Bangor Twp., Ba PCSP, Hu Koylton Twp., Tu	GSP,EMP MKE - also noted in lo,Mi,Sa JEV
WHITE-BREASTED NUTHATCH:	6 4	tp 11/4	Midland, Mi Bangor Twp., Ba	JZ - also noted in Hu,lo,Sa,Tu GSP,EMP
BROWN CREEPER:	2 3	10/12 11/15	Bangor Twp., Ba SNWR (GPELC), Sa	GSP,EMP - also noted in lo,Tu DLJ
CAROLINA WREN:	<b>6</b>	8/13	Mt. Haley Twp., Mi	KB - a pair w/ their 4 juveniles - <b>ties SBA peak count</b> - 1 noted here 11/15 as well
	1	11/28	Albee Twp., Sa	JDS
HOUSE WREN:	3 1	8/23 9/7	NPSWA, Ar Koylton Twp., Tu	DLJ - also noted in Ba,Mi,Sa JEV - last date
WINTER WREN:	1 2 1	9/28 10/15 10/25	Midland, Mi Crow Island SGA, Sa Pine River Park, Mi	MKE - first date JMS - also noted in Ba MKE
MARSH WREN:	2 3	8/22 11/25	NPSWA, Ba Hampton Twp., Ba	JZ - also noted in Sa,Hu SM - last date
GOLDEN-CROWNED KINGLET:	12 25 1	10/1 10/17 11/11	TPSP, lo TPSP, lo River Rd., lo	DLJ - first date DLJ - peak count JMS,MW - also noted in Ba.Hu,Mi,Sa,Tu
RUBY-CROWNED KINGLET:	1 11 1	9/26 10/17 10/26	Bangor Twp., Ba Midland, Mi Mayville, Tu	GSP,EMP - first date MKE - also noted in Hu,Sa MW - last date
BLUE-GRAY GNATCATCHER:	10 5 1	8/7 8/26 9/11	TPSP, lo WBSWA, Ar TPSP, lo	WWS,RAE,DLJ DLJ - also noted in Hu,Mi,Sa,Tu WWS,RAE,DLJ,BB,PR - last date
EASTERN BLUEBIRD:	20 44	9/26 10/25	Koylton Twp., Tu Pine River Park, Mi	JEV - also noted in Ba,Hu,Sa MKE - peak count - The observer noted "During this season, it's especially wonderful when I happen upon sizable bluebird parties-- alternately feeding in the grasses then flitting up into the trees (it's like they are taking turns being the look-outs) all the while issuing their plaintive little calls. Then all of a sudden--poof-- they all lift off together and fly to their next favored feeding spot."

GRAY-CHEEKED THRUSH:	2	9/22	FPSWA, Tu	JEV
	1	9/27	Bangor Twp., Ba	GSP,EMP
	1	10/3	Koylton Twp., Tu	JEV
SWAINSON'S THRUSH:	4	9/30	Koylton Twp., Tu	JEV - also noted in Ba,Hu,Tu
	1	10/9	Schrieber Rd., Mi	MKE - last date
HERMIT THRUSH:	7	10/13	Loosemore Rd., Hu	MKE - also noted in Io,Mi,Sa
	1	11/1	FPSWA, Tu	JEV - last date
WOOD THRUSH:	2	9/30	Koylton Twp., Tu	JEV - also noted in Ba
	1	11/27	Saginaw, Sa	DJP - the observer noted "As I looked out the kitchen window, a thrush flew past and landed in the grape vines 15' from me. I expected a lingering HETH, but instead found the bright rusty cap / nape, heavy / bold black spotted undersides, and rich brown rump / tail of a WOTH".
AMERICAN ROBIN:	200+	10/25	Pine River Park, Mi	MKE - also noted in Hu,Sa,Tu
	2	11/29	Hampton Twp., Ba	SM
GRAY CATBIRD:	14	9/20	Patterson Rd., Mi	MKE - peak count - also noted in Io,Sa,Tu
	1	10/27	Bangor Twp., Ba	GSP,EMP - last date
BROWN THRASHER:	3	9/11	TPSP, Io	WWS,RAE,DLJ,BB,PR
	2	9/23	Patterson Rd., Mi	MKE
EUROPEAN STARLING:	1000+	11/12	Tittabawassee Trail, Mi	MKE - also noted in Ba,Hu,Io,Sa,Tu
AMERICAN PIPIT:	25+	9/23	Freeland Sewage Ponds, Sa	JZ - first date - also noted in Hu,Io
	54	10/16	SNWR, Sa	DJP - peak count
	14	11/6	SNWR, Sa	DJP - last date
CEDAR WAXWING:	77	8/24	Tittabawassee Trail, Mi	MKE - also noted in Ba,Hu,Io,Sa,Tu
	300	10/9	Schrieber Rd., Mi	MKE - peak count
BLUE-WINGED WARBLER:	1	8/2	Pine River Park, Mi	MKE - also noted in Ar
	1	9/15	Koylton Twp., Tu	JEV - last date
GOLDEN-WINGED WARBLER:	1	8/2	Pine River Park, Mi	MKE
	1	8/23	WBSWA, Ar	DLJ
TENNESSEE WARBLER:	1	9/15	Koylton Twp., Tu	JEV - also noted in Ba,Io,Mi
	1	<b>10/25</b>	Grindstone City, Hu	KO,SJ - <b>new SBA fall late</b>
ORANGE-CROWNED WARBLER:	1	8/31	TPSP, Io	JZ - also noted in Tu
	2	9/5	Tittabawassee Trail, Mi	MKE
	1	10/8	Mayville, Tu	MW
NASHVILLE WARBLER:	6	8/31	TPSP, Io	JZ - also noted in Ba,Hu,Sa,Tu
	6	9/11	TPSP, Io	WWS,RAE,DLJ,BB,PR
	1	10/12	Ingersoll Twp., Mi	MKE - last date
NORTHERN PARULA:	2	9/10	Cooke Dam area, Io	WWS - also noted in Ba
	3	9/22	FPSWA, Tu	JEV - last date
YELLOW WARBLER:	6	8/7	TPSP, Io	WWS,RAE,DLJ
	2	9/11	TPSP, Io	- also noted in Ba,Hu,Sa,Tu WWS,RAE,DLJ,BB,PR - last date

CHESNUT-SIDED WARBLER:	2	8/19	northwest Ar	DLJ - also noted in Ba
	3	8/31	TPSP, Io	JZ
	1	9/22	FPSWA, Tu	JEV - last date
MAGNOLIA WARBLER:	1	8/26	WBSWA, Ar	DLJ - also noted in Ba,Sa,Tu
	14	9/5	TPSP, Io	WWS,RAE - peak count
	1	10/4	Mayville, Tu	MW - last date
CAPE MAY WARBLER:	2	8/30 - 8/31	TPSP, Io	WWS,RAE,JZ - also noted in Ba
	1	10/3	Mayville, Tu	MW - last date
BLK-THRTD BLUE WARBLER:	2	8/31	TPSP, Io	JZ - also noted in Ba,Tu
	1	10/9	Schrieber Rd., Mi	MKE - a female - last date
YELLOW-RUMPED WARBLER:	1	8/7	TPSP, Io	WWS,RAE,DLJ - also noted in Ba,Hu,Tu
	18	9/11	TPSP, Io	WWS,RAE,DLJ,BB,PR
	1	11/15	SNWR (GPELC), Sa	DLJ - last date
BLK-THRTD GREEN WARBLER:	1	8/24	Deford SGA, Tu	JEV - also noted in Ar,Ba,Hu
	2	8/31	TPSP, Io	JZ
	1	10/6	Mayville, Tu	MW - last date
BLACKBURNIAN WARBLER:	1	8/26	WBSWA, Ar	DLJ
	3	8/30	TPSP, Io	WWS,RAE
	3	9/22	FPSWA, Tu	JEV
	1	9/26	Bangor Twp., Ba	EMP - last date, here and in Tu (JEV)
PINE WARBLER:	1	9/22	FPSWA, Tu	JEV - also noted in Io
	1	10/18	Tittabawassee Trail, Mi	MKE
PALM WARBLER:	1	9/7	NPSWA, Ba	JMS - first date - also noted in Io,Sa,Tu
	20	10/8	Tittabawassee Trail, Mi	MKE - peak count
BAY-BREASTED WARBLER:	1	8/27	Bangor Twp., Ba	GSP,EMP - also noted in Hu
	3	8/31	TPSP, Io	JZ
	1	9/27	Mayville, Tu	MW - last date
BLACKPOLL WARBLER:	1	9/4	Bangor Twp., Ba	GSP,EMP
	21	9/5	TPSP, Io	WWS,RAE - also noted in Hu
	1	10/4	Mayville, Tu	MW - last date
BLACK & WHITE WARBLER:	2	8/28	Tittabawassee Trail, Mi	MKE - also noted in Ar,Io
	2	8/30	Pinconning Twp., Ba	DLJ
	1	10/10	Koylton Twp., Tu	JEV - last date
AMERICAN REDSTART:	5	8/26	WBSWA, Ar	DLJ - also noted in Ba,Sa,Tu
	15	9/5	TPSP, Io	WWS,RAE
	1	<b>10/12</b>	Averill Preserve, Mi	<b>JZ - new SBA fall late</b>
OVENBIRD:	1	8/19	northwest Ar	DLJ
	1	8/30	TPSP, Io	WWS,RAE
	1	9/12	Koylton Twp., Tu	JEV
NORTHERN WATERTHRUSH:	3	9/5	TPSP, Io	WWS,RAE
LOUISIANA WATERTHRUSH:	1	8/7	Wahl Rd., Sa	KL - photographed
MOURNING WARBLER:	1	8/27	Bangor Twp., Ba	GSP,EMP
	1	9/11	TPSP, Io	WWS,RAE,DLJ,BB,PR - last date

COMMON YELLOWTHROAT:	12 1	8/2 10/16	Pine River Park, Mi Karn Plant, Ba	MKE - also noted in Ar,Hu,Io,Sa,Tu JMS,MW - last date
WILSON'S WARBLER:	1 4 4 1	8/25 8/31 9/9 9/15	Bangor Twp., Ba TPSP, Io Filion Rd, Hu Bangor Tp., Ba	GSP,EMP - first date JZ JEV GSP,EMP - last date
CANADA WARBLER:	1 1	8/19 9/7	northwest Ar Bangor Twp., Ba	DLJ - also noted in Io GSP,EMP - last date
SCARLET Tanager:	2 1	8/2 11/20	Pine River Park, Mi Midland, Mi	MKE - also noted in Ar,Ba JZR per JML - identification by JZ using photos - a female - visiting a feeder - Interestingly, four of the five previous SBA SCTA records from October thru winter are also from Midland.
EASTERN TOWHEE:	4 1	8/19 10/12	northwest Ar Averill Preserve, Mi	DLJ - also noted in Io,Sa,Tu JZ - last date
AMERICAN TREE SPARROW:	1 237	10/11 11/9	SNWR, Sa SNWR, Sa	SFK - first date - also noted in Ar,Ba,Hu,Mi DJP - peak count
CHIPPING SPARROW:	30 1	8/28 10/30	Tittabawassee Trail, Mi Mayville, Tu	MKE - peak count - also noted in Ba,Io,Sa,Tu MW - last date
CLAY-COLORED SPARROW:	8 2	9/19 10/8	Koylton Twp., Tu Tittabawassee Trail, Mi	JEV - the observer confirmed separation from CHSP by plumage MKE - the observer confirmed separation from CHSP by plumage and silhouette.
FIELD SPARROW:	1 1	10/16 10/25	LeBourdais Rd., Ba Harbor Beach, Hu	JMS,MW KO,SJ
VESPER SPARROW:	1	9/16	Phillips Rd., Tu	JEV
* NELSON'S SPARROW:	1	10/5	Verona SGA, Hu	BR,JEV - If accepted by the MBRC, (documentation has been submitted for review), this will represent the 1 <sup>st</sup> Hu record and the 2 <sup>nd</sup> SBA record.
SAVANNAH SPARROW:	36 8	8/28 10/16	SNWR, Sa SNWR, Sa	DJP - also noted in Mi,Tu DJP - last date
FOX SPARROW:	1 6 1	10/4 10/16 11/23	Cooke Dam area, Io Pinconning Twp., Ba Bangor Twp., Ba	WWS - first date DLJ - also noted in Mi,Sa,Tu GEP,EMP
SONG SPARROW:	8 4	10/5 11/1	Verona SGA, Hu SNWR, Sa	JEV - also noted in Ba,Mi,Tu JEV - last date
LINCOLN'S SPARROW:	1 2 1	8/2 9/9 10/12	Pine River Park, Mi Filion Rd., Hu Ingersoll Twp., Mi	MKE - singing immature age bird - notably early for non-breeding location JEV MKE - last date - singing
SWAMP SPARROW:	4 1	8/18 11/16	Crow Island SGA, Sa Hampton Twp., Ba	JZ - also noted in Mi,Sa,Tu SM

WHITE-THROATED SPARROW:	8 ~80 1	9/11 10/12 11/26	TPSP, lo Averill Preserve, Mi Bangor Twp., Ba	WWS,RAE,DLJ,BB,PR JZ - peak count - also noted in Ba,Hu,Sa,Tu GSP,EMP
WHITE-CROWNED SPARROW:	3 30 1	10/1 10/13 10/22	TPSP, lo Grindstone City, Hu Bangor Twp., Ba	DLJ - first date - also noted in Mi,Sa MKE - peak count GSP,EMP - last date
DARK-EYED JUNCO:	26 30	9/10 11/30	Cooke Dam area, lo Tittabawassee Trail, Mi	WWS - also noted in Ba,Sa,Tu MKE
LAPLAND LONGSPUR:	1 13	10/15 11/22	Hope Twp., Mi Albee Twp., Sa	MKE - first date JDS
SNOW BUNTING:	1 25 75	10/20 10/25 11/11	MCV Ponds, Mi Corsair, lo Mt. Haley Twp., Mi	MKE - first date GN,TN - also noted in Ar,Ba,Hu,Sa GEV,MAL
NORTHERN CARDINAL:	28	8/22	Bangor Twp., Ba	GSP,EMP - also noted in Hu,lo,Mi,Sa
ROSE-BREASTED GROSBEAK:	8 1	8/15 9/29	Bangor Twp., Ba Bangor Twp., Ba	GSP,EMP - also noted in Mi,Sa GSP,EMP - last date
INDIGO BUNTING:	4 1	8/6 8/12	McNally Rd., Mi BCSRA, Ba	MKE - also noted in Sa,Tu GSP,EMP
BOBOLINK:	44 2	9/7 9/24	NPSWA, Ba SNWR, Sa	JMS - also noted in Tu DJP - last date
RED-WINGED BLACKBIRD:	~2000 ~4000	9/7 11/23	NPSWA, Ba SNWR, Sa	JMS - also noted in Hu DJP
EASTERN MEADOWLARK:	5	9/30	SNWR, Sa	SFK - also noted in Mi
YELLOW-HEADED BLACKBIRD:	1	8/2	Bangor Twp., Ba	GSP,EMP
RUSTY BLACKBIRD:	5 <b>1500</b>	9/27 11/10	Koylton Twp., Tu SNWR, Sa	JEV - first date - also noted in Ba,lo,Mi LMA - <b>new SBA peak count</b> - the observer noted "The flock was close and I was able to scan for over 20 minutes."
COMMON GRACKLE:	200 5	9/19 11/22	Bangor Twp., Ba Hampton Twp., Ba	GSP,EMP - also noted in Sa,Tu JMS
BROWN-HEADED COWBIRD:	20	10/11	SNWR, Sa	SFK - also noted in Ba
ORCHARD ORIOLE:	2 1	8/7 8/28	Tittabawassee Trail, Mi Tittabawassee Trail, Mi	MKE MKE - on nest
BALTIMORE ORIOLE:	28 1	8/2 9/11	Pine River Park, Mi TPSP, lo	MKE - in a single flock, all immature age birds - peak count WWS,RAE,DLJ,BB,PR - last date - also noted in Ba,Sa,Tu
PURPLE FINCH:	3 2 2	8/10 10/5 11/12	Albee Twp., Sa Mayville, Tu Bangor Twp., Ba	JDS - also noted in Mi MW GSP,EMP
HOUSE FINCH:	10 11	10/11 10/28	Koylton Twp., Tu Bangor Twp., Ba	JEV - also noted in Hu,Mi,Sa GSP,EMP

PINE SISKIN:	1	10/5	Bangor Twp., Ba	GSP, EMP
AMERICAN GOLDFINCH:	45	8/26	Sumac Island access, Hu	MKE - also noted in Io,Sa,Tu
	77	10/5	Bangor Twp., Ba	GSP,EMP
EVENING GROSBEAK:	5	11/6	Cooke Dam area, Io	WWS - first date
	12	11/18	Tittabawassee Trail, Mi	MKE
HOUSE SPARROW:	42	8/2	Saginaw, Sa	DJP - also noted in Ba,Hu,Mi,Tu

**TOTAL: 231 Species**

\*Michigan Review List Species. Inclusion of records for these species in this report does not signify that they have been verified, only that an encounter was reported. The observation will not be considered an official SBA record until it has been reviewed and accepted by the Michigan Bird Records Committee (MBRC).

Peak counts and early/late dates are designated such based upon records established in the publication *Birds and Bird Finding in the Saginaw Bay Area* by Ron Weeks, published in 1995, and subsequent updates to the data by the compilers of the Birds in the Saginaw Bay Area report. Comments on seasonal occurrences also relate to information found in this exhaustively researched book, as well as species notations on the Michigan Bird Survey Form.

**Observers:**

LMA	Larry M. Abraham	KO	Karl Overman
BB	Bob Bell	DJP	David J. Peters
KB	Karen Breternitz	DEP	Don E. Poppe
JB	Jeff Buecking	GSP	Glenn S. Peterson
CC	Chris Campbell	EMP	Ellen M. Peterson
RAE	Roger A. Eriksson	PR	Paul Revard
MKE	Monica K. Essenmacher	AR	Al Roberts
DLJ	Doug L. Jackson	MR	Margaret Roberts
SJ	Scott Jennex	BR	Bruce Robertson
SFK	Steve F. Kahl	WWS	Wayne W. Shawl
MAL	Mike A. Ladenburger	JMS	Joe M. Soehnel
KL	Kim LeBlanc	JDS	Jeff D. Sommer
JML	Janea M. Little	JEV	Jim E. VanAllen
AM	Aaron Madziar	GEV	George E. Vogel
SM	Stan Madziar	MW	Myles Willard
GN	Gary Nelkie	JZR	Jan Zender-Romick
TN	Tess Nelkie	JZ	Jerry Ziarno

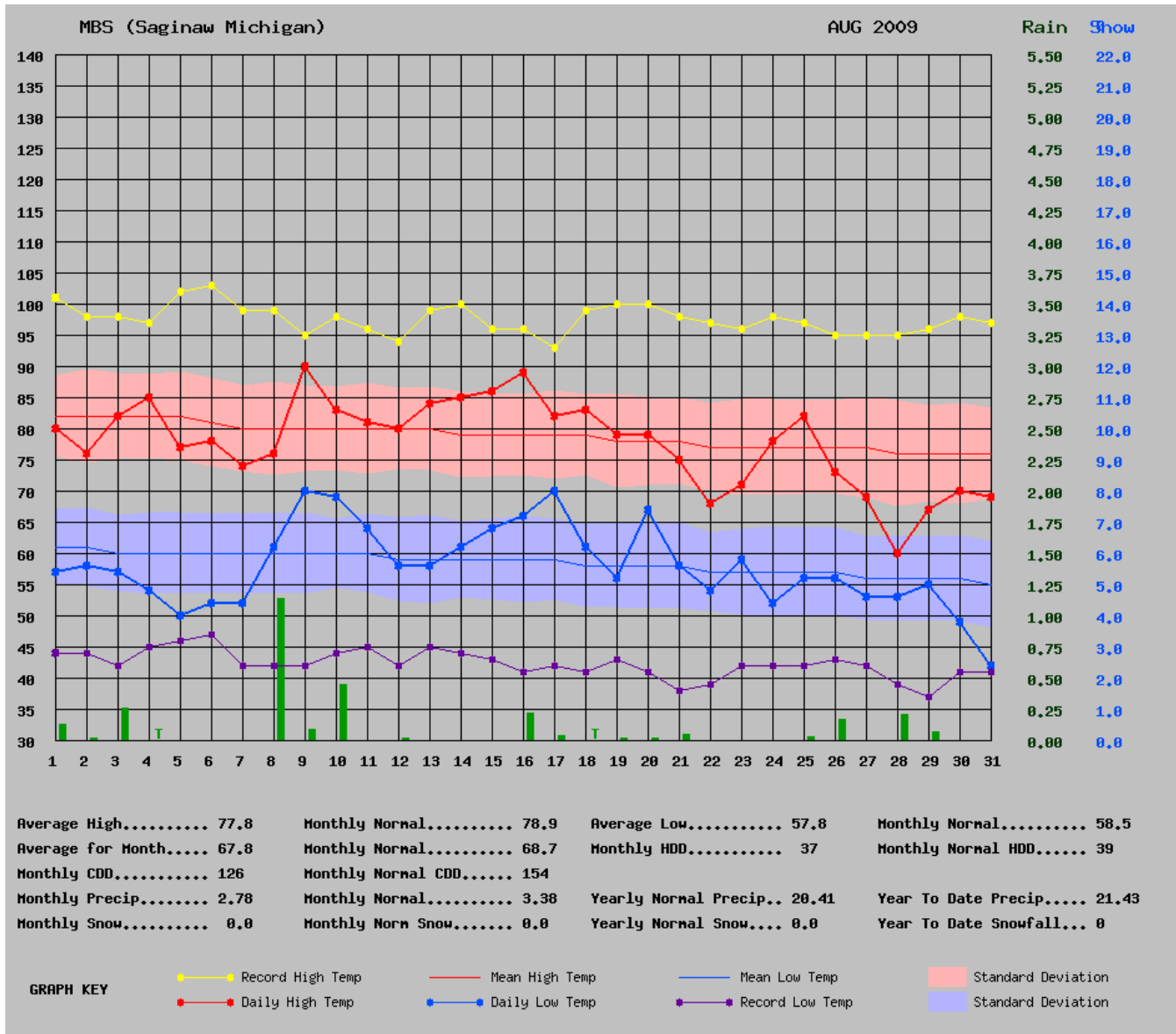
Twelve individuals generously submitted detailed reports for this compilation. Additional content was taken from postings on the [saginawbaybirding.org](http://saginawbaybirding.org) fall migration update, or from personal communication.

**Abbreviations:**

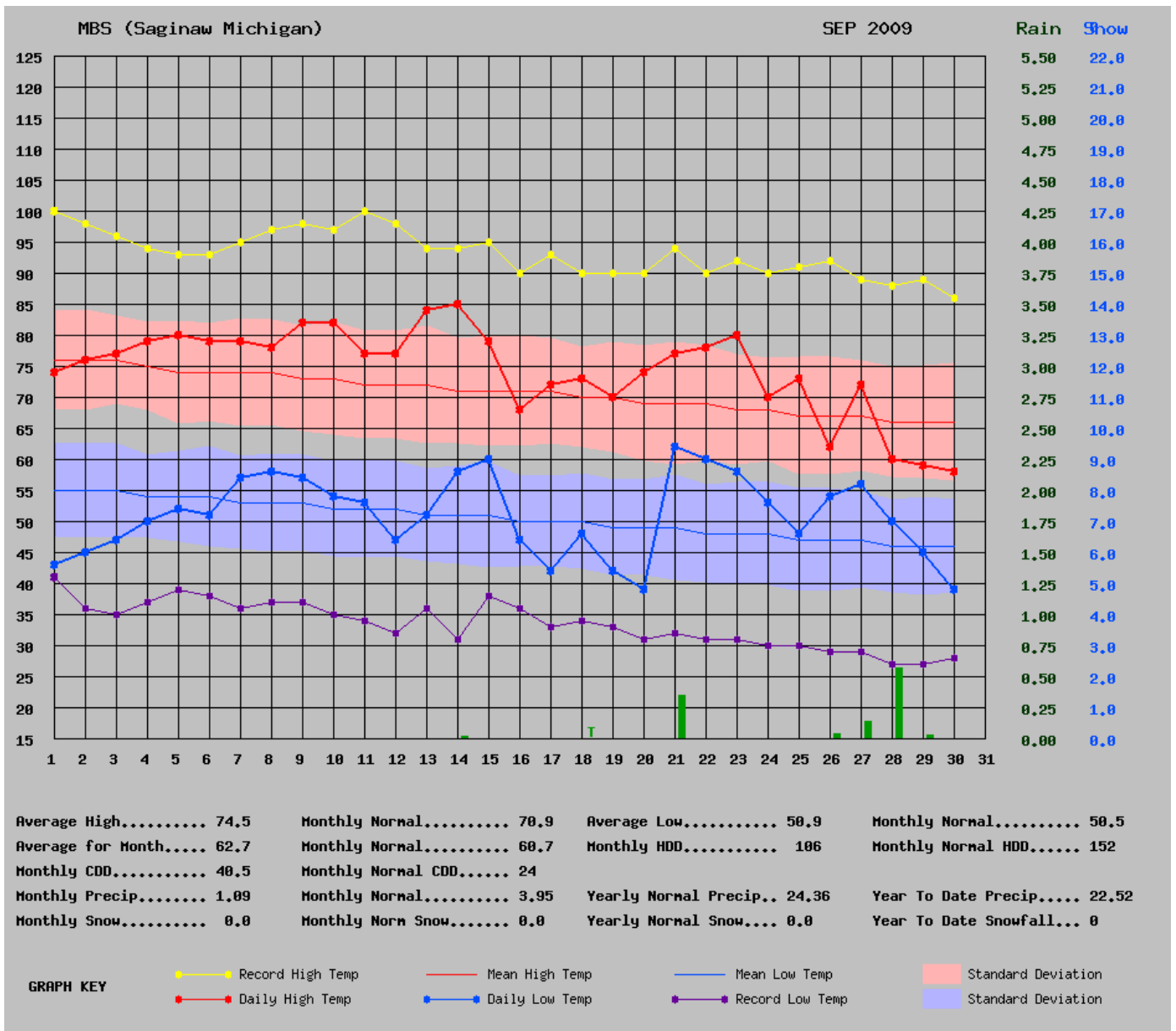
Ar	Arenac County	NPSWA	Nayanquing Point State Wildlife Area
Ba	Bay County	Sa	Saginaw County
BCSRA	Bay City State Recreation Area	SBB.org	SaginawBayBirding.org
CNC	Chippewa Nature Center	SBA	Saginaw Bay Area
FPSWA	Fish Point State Wildlife Area	SGA	State Game Area
GPELC	Green Point Environmental Learning Cntr	SNWR	Shiawassee National Wildlife Refuge
Hu	Huron County	tp	throughout entire or remainder of period
Io	Iosco County	TPSP	Tawas Point State Park
MBRC	Michigan Bird Records Committee	Tu	Tuscola County
MCV	Midland Cogeneration Venture (Pond)	WBSWA	Wigwam Bay State Wildlife Area
Mi	Midland County		



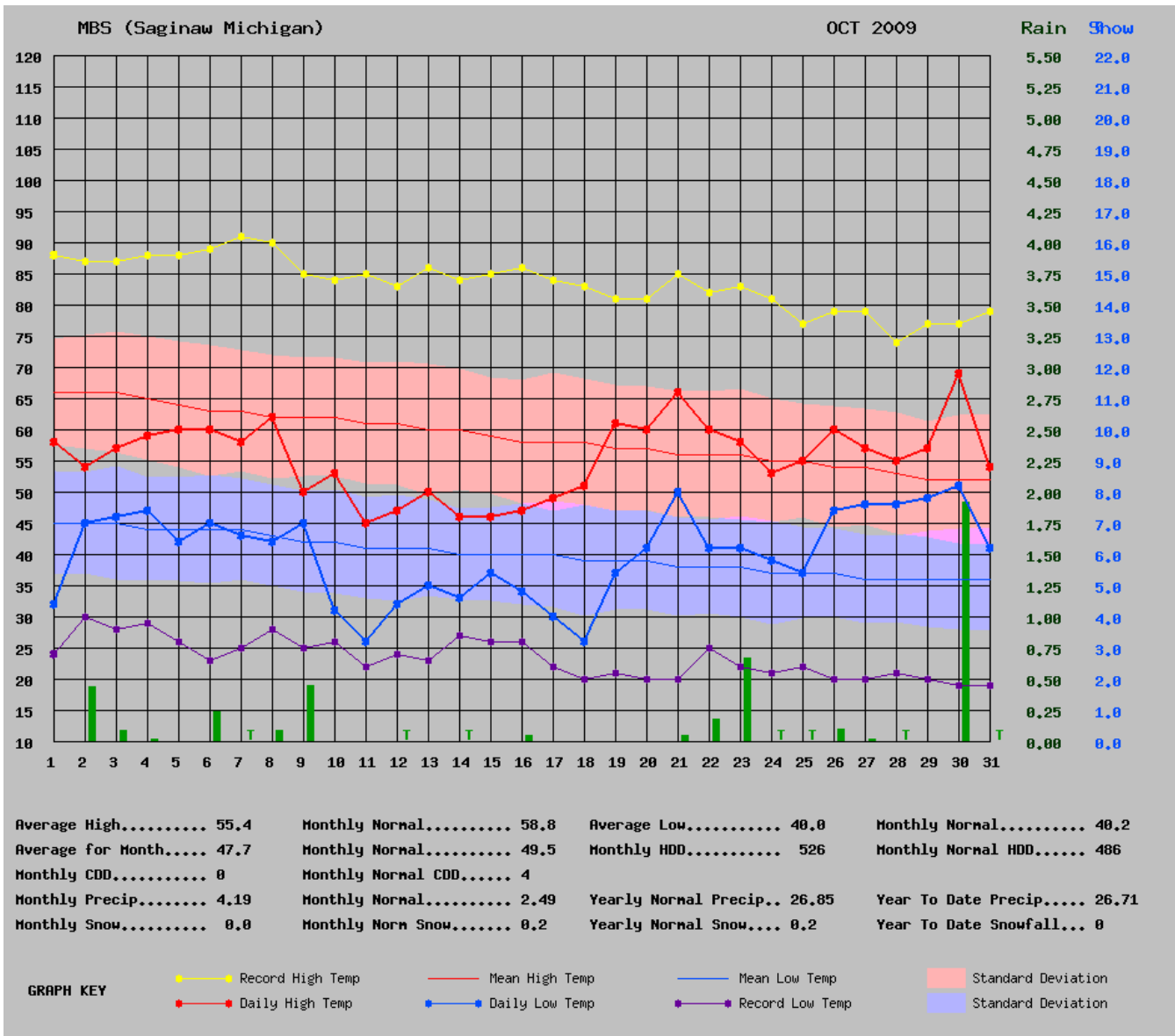
## August, 2009 Weather Graph – Saginaw, Michigan (MBS)



# September, 2009 Weather Graph – Saginaw, Michigan (MBS)



# October, 2009 Weather Graph – Saginaw, Michigan (MBS)



# November, 2009 Weather Graph – Saginaw, Michigan (MBS)

