

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2018 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

The 29th fall season began daily 13 August at our primary passerine banding station.

This site is a barrier beach ridge along the southwest shore of Lake Erie. Operations are conducted daily weather permitting from mid-August to mid-October. Twenty-six nets are run from ½ hour before sunrise to at least 11:00 AM. Only raw data (i.e., uncorrected for effort) are presented here, all of these data should be considered provisional. They are presented here for general interest, not as scientific analyses.

Fall 2018 – Navarre - New Bandings only

Date	Number Banded 2018	Cumulative Banded 2018	Birds/Net Hour	Same Date 2017
8-13	54		.45	0
8-14	43	97	.37	61
8-15	22	119	.19	98
8-16		119		120
8-17	14	133	.14	120
8-18		133		126
8-19		133		126
8-20	31	164	.27	126
8-21		164		179
8-22	26	190	.22	185
8-23	20	210	.17	220
8-24	35	245	.31	235
8-25	18	263	.25	250
8-26	19	282	.17	269
8-27	32	314	.28	291
8-28	27	341	.26	308
8-29	21	362	.20	322
8-30	22	384	.20	343
8-31	40	424	.30	369
9-01	25	449	.23	387
9-02	25	474	.23	410
9-03	18	492	.17	445
9-04	25	517	.24	501
9-05	28	545	.41	594
9-06	22	567	.20	687
9-07	33	600	.30	765
9-08		600		841
9-09		600		868
9-10		600		868
9-11	152	752	1.39	898
9-12	66	818	.61	955
9-13	28	846	.25	1002
9-14	57	903	.50	1064
9-15		903		1154

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Date	Number Banded 2018	Cumulative Banded 2018	Birds/Net Hour	Same Date 2017
9-16	36	939	.54	1233
9-17	55	994	.48	1332
9-18	53	1047	.49	1386
9-19	29	1076	.28	1433
9-20	79	1155	.72	1549
9-21	79	1234	.76	1627
9-22	33	1267	.30	1673
9-23	60	1327	.60	1673
9-24	61	1388	.64	1732
9-25	11	1399	.16	1774
9-26	297	1696	2.58	1843
9-27	140	1836	1.19	1904
9-28	93	1929	.85	1951
9-29	63	1992	.63	2010
9-30	69	2061	.63	2088
10-01	36	2097	.36	2142
10-02	196	2293	1.89	2183
10-03	98	2391	.85	2224
10-04	12	2403	.52	2253
10-05	208	2611	2.42	2340
10-06		2611		2361
10-07	197	2808	1.71	2436
10-08	99	2907	.94	2496
10-09	183	3090	1.55	2536
10-10	169	3259	1.43	2649
10-11	144	3303	1.40	2649
10-12	177	3480	1.71	2649
10-13	103	3583	1.03	2880
10-14	84	3667	0.88	2999
10-15	57	3724	0.58	3030
10-16	68	3792	0.63	3230
10-17	84	3876	0.88	3285
10-18	62	3938	0.67	3364
10-19	61	3999	0.62	3398
10-20	58	4057	0.63	3488
10-21	62	4119	0.90	3563
10-22	60	4179	0.58	3583
10-23	67	4246	0.65	3583
10-24	31	4277	0.34	3583
10-25	48	4325	0.53	3583
10-26	14	4339	0.22	3583
10-27	RAIN	4339		3583
10-28	72	4411	0.83	3583
10-29	16	4427	0.19	3583
10-30	36	4463	0.39	3583

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Species summary, for the Navarre banding station, fall 2018. Includes first/last capture, peak capture, 2018 new banded total, and the 2017 total for the species.

Last date is only included if the species main migration has passed through the region. 2018 totals bold if surpassed year 2017 totals, blue if surpassed average, and red if record year.

Bird Movement:

Updated last: 31 October

Species	First /Last Capture	Peak Capture	2018 Total	2017 Total	1990 - 2017		
					Total	High	Avg
Wood Duck					1	1	<1
Green Heron	8/22-27		2	0	2	1	<1
American Woodcock					42	7	2
Mourning Dove					33	7	1
Sharp-shinned Hawk				1	18	2	<1
Cooper's Hawk				1	5	1	<1
Red-tailed Hawk					4	1	<1
Northern Saw-whet Owl					2	1	<1
Eastern Screech-Owl	8/28		4	1	9	2	<1
Yellow-billed Cuckoo	9/2-10/9		4	2	115	13	4
Black-billed Cuckoo					7	1	<1
Belted Kingfisher					4	2	<1
Hairy Woodpecker	8/22-9/28	8/22-2	5	1	11	2	<1
Downy Woodpecker	8/13	8/14-4	21	15	625	41	22
Yellow-bellied Sapsucker	10/9-18		3	6	141	19	5
Red-head Woodpecker					4	2	<1
Red-bellied Woodpecker	10/5		1	3	15	2	<1
Yellow-shafted Flicker	9/6-10/28	9/17-2	19	7	212	18	8
Whip-poor-will					1	1	<1
Ruby-throated Hummingbird	8/14-9/23	8/14-2	14	10	338	58	12
Eastern Kingbird	8/20		1	2	58	18	2
Great Crested Flycatcher	9/6		1	1	37	9	1
Eastern Phoebe	8/13-10/22	8/13-3	21	17	649	54	23
Olive-sided Flycatcher				1	6	1	<1
Eastern Wood-Pewee	8/24-10/22	8/24-2	17	14	416	26	15
Yellow-bellied Flycatcher	8/13-10/9	9/7-5	37	27	570	43	20
Acadian Flycatcher					19	2	<1
Traill's Flycatcher	8/25-29		3	7	170	18	6
Least Flycatcher	9/5-20		5	6	203	15	7
Blue Jay	8/25-10/23		8	2	136	19	5

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Species	First /Last Capture	Peak Capture	2018 Total	2017 Total	1990 - 2017		
					Total	High	Avg
European Starling					5	5	<1
Red-winged Blackbird	8/13-10/28	10/2-3	12	12	809	134	29
Orchard Oriole					14	8	<1
Baltimore Oriole	8/13-29	8/25-5	15	36	587	86	20
Rusty Blackbird	10/9-25	10/28-9	29	20	287	47	10
Common Grackle	8/13-10/18	10/7-39	103	24	1191	116	43
Purple Finch	10/5-30	10/12-2	8	0	339	79	12
House Finch	10/29		1	1	414	148	15
American Goldfinch	8/13	8/13-2	9	2	554	191	20
Pine Siskin					4	2	<1
Savanna Sparrow					4	1	<1
Grasshopper Sparrow					1	1	<1
Nelson's Sparrow					3	1	<1
White-crowned Sparrow	10/15-18		2	1	282	27	10
Gambel's White-crowned Sparrow					4	2	<1
White-throated Sparrow	9/16	10/5-39	294	202	9686	1119	346
American Tree Sparrow	10/25		1	0	28	8	1
Chipping Sparrow	9/24-10/12		2	0	27	4	<1
Field Sparrow				1	75	7	3
Slate-colored Junco	10/5	10/19-3	19	16	821	78	29
Song Sparrow	8/13	10/21-5	43	48	1486	140	53
Lincoln Sparrow	9/27-10/15		5	8	333	42	12
Swamp Sparrow	9/22-10/28	10/5-3	16	48	1850	239	66
Fox Sparrow	10/17	10/25-4	14	3	373	43	13
Eastern Towhee	10/17-28		2	1	27	4	<1
Northern Cardinal	8/13	8/20-4	56	46	1293	75	46
Rose-breasted Grosbeak	9/18-30	9/28-2	5	0	233	28	8
Indigo Bunting	9/27-10/16		2	2	333	58	12
Dickcissel					1	1	<1
Scarlet Tanager	9/28		1	1	50	6	2
Purple Martin					1	1	<1
Barn Swallow					14	8	<1
Tree Swallow					5	4	<1
Cedar Waxwing	8/30		1	42	634	78	23
Northern Shrike					1	1	<1
Red-eyed Vireo	8/26-10/11	8/31-3	46	58	1800	103	64
Philadelphia Vireo	9/12-10/13	9/16-2	14	17	377	24	13
Warbling Vireo	8/13	8/13-2	12	24	1310	132	47
Yellow-throated Vireo					20	3	<1
Blue-headed Vireo	9/21-10/21	10/10-3	9	8	297	28	11
White-eyed Vireo	10/24		1	1	26	4	<1
Black-and-white Warbler	8/13-10/12	9/14-2	15	14	652	45	23
Prothonotary Warbler	8/13-28	8/13-6	18	8	219	15	8
Worm-eating Warbler					2	1	<1
Blue-winged Warbler					16	2	<1
Brewster's Warbler					2	1	<1
Golden-winged Warbler	9/26		1	1	24	3	<1

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Nashville Warbler	9/7-10/23	10/8-3	21	14	1086	87	39
Orange-crowned Warbler	10/18-24	10/22-2	5	4	127	13	5
Tennessee Warbler	8/27-10/19	10/10-24	96	29	2067	232	74
Northern Parula	9/26	9/26-2	2	7	66	8	2
Cape May Warbler	9/11-10/20	10/11-10	48	19	2704	428	97
Yellow Warbler	8/13-15	8/13-5	8	11	1707	207	61
Black-throated Blue Warbler	8/26-10/17	9/11-38	77	41	1250	92	45
Myrtle Warbler	9/26	10/12-79	388	105	8346	1658	298
Audubon's Warbler					1	1	<1
Magnolia Warbler	8/26-10/14	9/11-15	128	90	4306	266	154
Cerulean Warbler					1	1	<1
Chestnut-sided Warbler	8/30-10/2	9/4	8	10	512	38	18
Bay-breasted Warbler	8/29-10/18	10/2-38	129	53	823	58	29
Blackpoll Warbler	8/29-10/24	9/26-220	978	449	15192	1464	543
Blackburnian Warbler	8/29-9/26	9/26-3	7	3	136	11	5
Black-throated Green Warbler	8/27-10/15	10/9-3	14	9	336	30	12
Pine Warbler	9/26		1	0	15	4	<1
Western Palm Warbler				1	287	54	11
Yellow Palm Warbler					6	6	<1
Prairie Warbler	9/17		1	0	1	1	<1
Ovenbird	8/23-10/8	9/11-5	46	42	2113	130	75
Northern Waterthrush	8/24-10/20	8/30-3	14	41	837	59	30
Kentucky Warbler				1	3	1	<1
Connecticut Warbler	9/3-12	9/11-4	6	9	224	20	8
Mourning Warbler	8/23-9/28		6	9	313	20	11
Common Yellowthroat	8/14-10/12	9/12-9	60	78	4517	458	161
Yellow-breasted Chat					23	4	<1
Hooded Warbler				1	8	1	<1
Wilson's Warbler	9/1-10/10	9/12-2	14	13	576	62	21
Canada Warbler	8/24-9/6	8/28-2	5	2	250	17	9
American Redstart	8/28-10/25	9/11-26	70	61	2131	158	76
Gray Catbird	8/13-10/15	8/14-21	343	367	7875	452	281
Brown Thrasher	9/3-10/24		3	2	156	13	6
Carolina Wren	8/28	8/28-2	4	3	384	30	14
House Wren	8/14-10/22	8/26-3	40	62	1740	153	62
Winter Wren	10/5-30	10/5-7	37	57	1732	158	62
Marsh Wren	8/14-23		2	1	74	9	3
Brown Creeper	10/5-30	10/5-5	32	36	1646	119	59
White-breasted Nuthatch	8/22-10/22		5	2	33	5	1
Red-breasted Nuthatch	9/11-10/23	10/12-3	27	0	329	91	12
Tufted Titmouse					83	12	3
Black-capped Chickadee	9/4	10/16-2	9	9	145	13	5
Golden-crowned Kinglet	10/5	10/10-27	180	224	7084	787	253
Ruby-crowned Kinglet	9/24	10/7-27	156	189	5846	627	209
Wood Thrush	9/18-29		5	9	178	14	6
Veery	8/24-9/20	8/31-3	12	11	592	40	21
Gray-cheeked Thrush	9/7-10/11	9/1/-11	80	173	5111	344	183

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Bicknell's Thrush					2	1	<1
Swainson's Thrush	8/24-10/21	9/27-17	234	390	13676	895	488
Hermit Thrush	9/18	10/17-17	187	139	5196	361	186
American Robin	8/13	10/25-17	134	61	1675	138	60
TOTAL			4,463	3,583	133,873	7,232	4,781