

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2022 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

The 33rd fall season began daily 15 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-three 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 2020 was not operated due to Covid-19.

Fall 2022 – Navarre - New Bandings only

Date	Number Banded 2022	Cumulative Banded 2022	Birds/Net Hour	Same Date 2021
8-15	50	50	0.47	
8-16	25	75	0.22	
8-17	16	91	0.14	58
8-18	20	111	0.17	84
8-19	36	147	0.32	122
8-20	26	173	0.23	184
8-21	RAIN	173		224
8-22	30	203	0.26	253
8-23	31	234	0.27	294
8-24	28	262	0.22	332
8-25	21	283	0.18	336
8-26	9	292	0.08	336
8-27	21	313	0.18	385
8-28	11	324	0.10	438
8-29	Rain	324		463
8-30	Rain	324		510
8-31	40	364	0.32	542
9-01	87	451	0.76	542
9-02	58	509	0.49	603
9-03	37	546	0.33	639
9-04	13	559	0.36	671
9-05	39	598	0.35	712
9-06	40	638	0.36	842
9-07	33	671	0.31	980
9-08	47	718	0.42	1113
9-09	56	774	0.53	1235
9-10	26	800	0.23	1349
9-11	48	848	0.42	1451
9-12	37	885	0.37	1554
9-13	40	925	0.35	1749
9-14	74	999	0.70	1822
9-15	62	1061	0.54	2032
9-16	62	1123	0.54	2146

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9-17	51	1174	0.50	2229
9-18	56	1230	0.50	2286
9-19	RAIN	1230		2358
9-20	57	1287	0.55	2439
9-21	42	1329	0.38	2478
9-22	71	1400	0.66	2478
9-23	88	1488	0.87	2478
9-24	67	1555	0.65	2801
9-25	RAIN	1555		2936
9-26	82	1637	0.82	3294
9-27	103	1740	0.98	3435
9-28	74	1814	0.73	3563
9-29	78	1892	0.73	3682
9-30	76	1968	0.71	3782
10-01	54	2022	0.58	3876
10-02	18	2040	0.36	3983
10-03	176	2216	1.59	4055
10-04	132	2348	1.25	4122
10-05	93	2441	0.89	4157
10-06	90	2531	0.90	4187
10-07	60	2591	0.71	4271
10-08	158	2749	1.48	4381
10-09	95	2844	0.99	4497
10-10	189	3033	1.77	4584
10-11	144	3177	1.35	4718
10-12	77	3254	0.79	4821
10-13	75	3329	0.75	4918
10-14	165	3494	1.39	4988
10-15	64	3558	0.68	4988
10-16	92	3650	0.92	5116
10-17	RAIN	3650		5253
10-18	107	3757	1.69	5373
10-19	RAIN	3757		5451
10-20	149	3906	1.62	5499
10-21	86	3992	0.90	5499
10-22	54	4052	0.58	5625
10-23	90	4142	0.89	5758
10-24	88	4230	0.96	5856
10-25	143	4373	1.41	5856
10-26	RAIN	4373		5856
10-27	198	4571	2.03	5884
10-28	107	4678	1.16	5884
10-29	72	4750	0.77	5884
10-30	12	4762	0.17	5884
10-31	26	4788	0.30	5938

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Date	Number Banded 2022	Cumulative Banded 2022	Birds/Net Hour	Same Date 2021
11-01	14	4802	0.16	5938
11-02	44	4846	0.48	5938

Species summary, for the Navarre banding station, fall 2022. Includes first/last capture, peak capture, 2022 new banded total, and the 2021 total for the species.

Last date is only included if the species main migration has passed through the region. 2022 totals bold if surpassed year 2021 totals, blue if surpassed average, and red if record year.

Bird Movement:

Updated last: November 2

Species	First /Last Capture	Peak Capture	2022 Total	2021 Total	1990 - 2021		
					Total	High	Avg
Wood Duck					1	1	<1
Green Heron					4	2	<1
American Woodcock	8/24-11/1	9/5-2	14	2	45	7	1
Mourning Dove					33	7	1
Sharp-shinned Hawk					18	2	<1
Cooper's Hawk	10/24		1	0	5	1	<1
Broad-winged Hawk	8/22		1	0	0	0	0
Red-tailed Hawk	10/6		1	0	4	1	<1
Northern Saw-whet Owl	10/22-28		2	0	2	1	<1
Eastern Screech-Owl	8/17-10/5		3	4	20	4	<1
Yellow-billed Cuckoo	9/3-9/17	9/17-2	3	3	122	13	4
Black-billed Cuckoo	8/19-9/17		2	0	7	1	<1
Belted Kingfisher					4	2	<1
Hairy Woodpecker	8/15		2	3	22	5	<1
Downy Woodpecker	8/17	8/22-2	28	20	685	41	22
Yellow-bellied Sapsucker	9/22-10/9	9/28-2	7	3	162	19	5
Red-head Woodpecker					4	2	<1
Red-bellied Woodpecker	10/3-27		2	2	19	3	<1
Yellow-shafted Flicker	8/16-10/10	9/24-2	8	13	261	19	8
Whip-poor-will	9/26		1	0	1	1	<1
Ruby-throated Hummingbird	8/15-9/30	8/15-5	18	10	387	58	12
Eastern Kingbird	8/20	8/20-2	3	0	62	18	2
Great Crested Flycatcher				2	40	9	1
Eastern Phoebe	8/16-10/21	10/18-6	17	18	710	54	23

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					Total	High	Avg
Olive-sided Flycatcher					8	2	<1
Eastern Wood-Pewee	8/22-10/4		7	10	469	26	15
Yellow-bellied Flycatcher	8/19-10/11	9/8-4	32	31	665	43	21
Acadian Flycatcher					19	2	<1
Traill's Flycatcher	8/19-9/10	8/23-2	5	3	182	18	6
Least Flycatcher	9/2-26		3	3	217	15	7
Blue Jay	9/17-10/21	9/22-2	6	1	150	19	5
European Starling					5	5	<1
Brown-headed Cowbird				20	23	20	<1
Red-winged Blackbird	9/27-10/28	10/28-5	19	35	882	134	28
Orchard Oriole					14	8	<1
Baltimore Oriole	8/17-28		2	19	641	86	21
Rusty Blackbird	10/6-27		4	3	329	47	10
Common Grackle	8/15-10/27	10/14-24	76	39	1406	116	45
Purple Finch	10/4-24	10/20-3	10	5	352	79	11
House Finch	10/8-11/1		4	4	424	148	14
American Goldfinch	9/7-11/2	9/7-3	7	6	577	191	19
Pine Siskin					4	2	<1
Savanna Sparrow					4	1	<1
Grasshopper Sparrow					1	1	<1
Nelson's Sparrow					3	1	<1
White-crowned Sparrow	10/9-27	10/23-2	10	3	289	27	9
Gambel's White-crowned Sparrow					4	2	<1
White-throated Sparrow	9/20-11/2	10/20-41	572	341	10631	1119	343
American Tree Sparrow	11/2		1	0	29	8	<1
Chipping Sparrow				6	36	6	1
Field Sparrow				2	78	7	3
Slate-colored Junco	10/2-11/2	10/27-17	81	23	873	78	28
Song Sparrow	8/15	10/24-6	40	59	1630	140	53
Lincoln Sparrow	10/11-25	10/23-2	6	5	346	42	11
Swamp Sparrow	9/30-10/31	10/29-8	53	77	1970	239	64
Fox Sparrow	10/5-11/2	10/29-4	24	9	399	43	13
Eastern Towhee	10/19-24		3	0	31	4	1
Northern Cardinal	8/15	8/15-6	41	49	1426	75	46
Rose-breasted Grosbeak	8/27-9/29	9/29-2	8	5	248	28	8
Indigo Bunting	10/4-14		3	1	338	58	11
Dickcissel					1	1	<1
Scarlet Tanager				1	53	6	2
Purple Martin					1	1	<1
Barn Swallow					14	8	<1
Tree Swallow					5	4	<1
Cedar Waxwing	9/26-10/20	9/29-3	14	9	683	78	22
Northern Shrike					1	1	<1
Red-eyed Vireo	8/19-10/21	9/2-4	45	114	2047	114	66
Philadelphia Vireo	9/2-11/2	9/2-2	15	18	420	24	14
Warbling Vireo	8/15	8/28-2	3	28	1368	132	44
Yellow-throated Vireo					21	3	<1

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Blue-headed Vireo	9/23-10/12	10/3-3	19	9	322	28	10
White-eyed Vireo					33	4	1
Black-and-white Warbler	8/15-10/20	8/15-2	19	28	721	45	23
Prothonotary Warbler	8/15-9/1	8/22-3	13	30	311	36	10
Worm-eating Warbler					2	1	<1
Blue-winged Warbler				1	17	2	<1
Brewster's Warbler					2	1	<1
Golden-winged Warbler					26	3	<1
Nashville Warbler	8/31-10/31	9/23-3	21	37	1162	87	37
Orange-crowned Warbler	10/8-22	10/14-2	9	1	134	13	4
Tennessee Warbler	8/26-10/29	10/14-6	42	198	2424	232	78
Northern Parula	9/14-10/6	9/14-2	6	9	80	9	3
Cape May Warbler	8/20-10/20	9/13-3	25	99	2865	428	92
Yellow Warbler	8/15-9/1		3	5	1753	207	57
Black-throated Blue Warbler	8/16-10/27	10/8-12	112	78	1456	92	47
Myrtle Warbler	9/26-11/2	10/10-32	319	180	9045	1658	292
Audubon's Warbler					1	1	<1
Magnolia Warbler	8/23-10/24	9/1-8	91	165	4693	266	151
Cerulean Warbler					1	1	<1
Chestnut-sided Warbler	8/19-9/14	9/6-2	7	17	548	38	18
Bay-breasted Warbler	8/20-10/25	9/12-7	65	132	1172	132	38
Blackpoll Warbler	9/1-10/25	9/27-41	374	982	17418	1464	562
Blackburnian Warbler	8/17-10/4		5	10	157	11	5
Black-throated Green Warbler	8/28-10/18	10/1-2	9	8	369	30	12
Pine Warbler				2	19	4	<1
Western Palm Warbler	10/20		1	1	290	54	9
Yellow Palm Warbler					6	6	<1
Prairie Warbler					2	1	<1
Ovenbird	8/16-10/20	9/1-7	70	101	2324	130	75
Northern Waterthrush	8/15-10/7	8/23-3	24	42	936	59	30
Kentucky Warbler					3	1	<1
Connecticut Warbler	9/12-28	9/14-4	9	7	240	20	8
Mourning Warbler	8/23-9/18	8/23-2	12	13	339	20	11
Common Yellowthroat	8/15-10/15	9/16-5	61	118	4785	458	154
Yellow-breasted Chat	9/17		1	1	24	4	<1
Hooded Warbler				1	9	1	<1
Wilson's Warbler	8/24-9/16		3	9	611	62	20
Canada Warbler	8/16-9/13		7	11	275	17	9
American Redstart	8/24-10/16	9/14-11	58	94	2381	158	77
Gray Catbird	8/15-10/25	8/19-19	323	432	8971	452	289
Brown Thrasher	8/15-9/15		5	6	167	13	5
Carolina Wren	8/15	8/16-3	11	14	406	30	13
House Wren	8/16-10/14	8/19-4	44	68	1918	153	62
Winter Wren	9/21-11/2	9/30-7	55	46	1908	158	62
Marsh Wren	9/9-10/5		2	1	81	9	3
Brown Creeper	9/23-11/2	10/28-12	81	60	1766	119	57
White-breasted Nuthatch	8/15-10/9	8/15-2	7	4	43	5	1

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Red-breasted Nuthatch	9/1-10/27	10/10-4	28	7	363	91	12
Tufted Titmouse				3	86	12	3
Black-capped Chickadee	9/9		6	9	169	13	5
Golden-crowned Kinglet	9/22-11/2	10/27-58	380	404	7867	787	254
Ruby-crowned Kinglet	9/23-10/31	10/3-37	260	131	6264	627	202
Wood Thrush	9/27-10/12	9/27-4	6	8	202	14	7
Veery	8/24-9/26	8/28-2	18	28	650	40	21
Gray-cheeked Thrush	9/1-10/14	9/24-14	123	173	5548	344	179
Bicknell's Thrush					2	1	<1
Swainson's Thrush	8/16-10/25	9/1-32	392	801	15111	895	487
Hermit Thrush	9/30-11/2	10/10-37	273	148	5653	361	182
American Robin	8/17-11/2	10/23-24	219	197	2133	197	69
TOTAL			4,846	5,938	148,177	7,232	4,780