

**Black Swamp Bird Observatory  
Navarre, Ottawa NWR Banding Station  
Spring 2016**

The 38<sup>th</sup> spring season began daily 16 April at the primary passerine banding station of the Black Swamp Bird Observatory. Operations are conducted daily weather permitting from mid-April to early June. 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.

Spring 2016 Banding - New Bandings only

<b>Date</b>	<b>Number Banded 2016</b>	<b>Accumulative Banded 2016</b>	<b>Birds/Net Hour</b>	<b>Same Date 2015</b>
4-12				104
4-13				136
4-14				172
4-15				190
4-16	53		.70	190
4-17	78	131	.68	229
4-18	45	176	.31	252
4-19	21	197	.17	267
4-20	23	220	.17	336
4-21	RAIN	220		351
4-22	70	290	.59	365
4-23	12	302	.11	383
4-24	14	316	.13	409
4-25	<b>294</b>	610	<b>1.56</b>	430
4-26	<b>212</b>	822	<b>1.68</b>	442
4-27	<b>177</b>	999	<b>1.19</b>	454
4-28	RAIN	999		467
4-29	<b>100</b>	1099	.79	521
4-30	45	1144	.34	546
5-01	29	1173	.25	589
5-02	68	1241	.49	<b>694</b>
5-03	71	1312	.52	<b>1171</b>
5-04	<b>186</b>	1498	<b>1.01</b>	<b>1792</b>
5-05	84	1582	.66	<b>2396</b>
5-06	60	1642	.47	<b>3196</b>
5-07	<b>540</b>	2182	<b>2.93</b>	<b>3428</b>
5-08	<b>239</b>	2421	<b>1.48</b>	<b>3763</b>
5-09	<b>118</b>	2539	.86	<b>4015</b>
5-10	RAIN	2539		<b>4214</b>
5-11	<b>460</b>	2999	<b>3.01</b>	<b>4388</b>
5-12	<b>179</b>	3178	<b>1.64</b>	<b>4519</b>
5-13				<b>4662</b>
5-14				4739
5-15				<b>5406</b>
5-16				<b>5971</b>
5-17				<b>6194</b>
5-18				<b>6602</b>
5-19				<b>6750</b>
5-20				<b>6857</b>
5-21				6956
5-22				<b>7074</b>
5-23				<b>7181</b>
5-24				<b>7454</b>
5-25				<b>7638</b>
5-26				<b>7800</b>
5-27				<b>7913</b>

Date	Number Banded 2016	Accumulative Banded 2016	Birds/Net Hour	Same Date 2015
5-28				7973
5-29				8045
5-30				<b>8147</b>
5-31				8147
6-01				8190
6-02				8204
6-03				8226
6-04				8260
6-05				8294

**Bird Movement:** First wave arrived on 25 April with fair variety and volume. Second pulse of the first wave started on 4 May. Very good second wave on 7 and 11 May.

**Returns:** Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2016:

- 6 – Downy Woodpecker
- 1 – Yellow-shafted Woodpecker
- 2 – Blue Jay
- 13 – Red-winged Blackbird
- 7 – Baltimore Oriole
- 2 – Common Grackle
- 2 – Song Sparrow
- 1 – Swamp Sparrow
- 15 – Northern Cardinal
- 2 – Tree Swallow
- 4 – Prothonotary Warbler
- 35 – Yellow Warbler
- 1 – Myrtle Warbler
- 1 – Common Yellowthroat
- 16 – Gray Catbird
- 1 – Brown Thrasher
- 1 – Carolina Wren
- 6 – House Wren
- 5 – Black-capped Chickadee
- 1 – Wood Thrush
- 7 – American Robin

Species summary for the Navarre banding station, spring 2016. Includes first/last capture, peak capture, 2016 new banded total, 2015 total for the species, and the total, high year and average for 1989-2015. The station began operation in 1981 but was not run daily until 1989.

Last date is only included if the species main migration has passed through the region.

2016 totals bold if surpassed year 2015 totals, blue if surpassed average, and red if record year

**Updated last: 12 May**

Species	First /Last Capture	Peak Capture	2016 Total	2015 Total	1989 – 2015		
					Total	High	Ave
Green Heron				1	7	5	<1
Virginia Rail					1	1	<1
Sora					6	3	<1
American Woodcock					14	3	<1
Solitary Sandpiper					2	1	<1
Mourning Dove	5/2		1	0	16	4	<1
Sharp-shinned Hawk	4/22-5/12	4/22-3	4	3	99	12	4
Cooper's Hawk					5	1	<1
Red-tailed Hawk					1	1	<1
American Kestrel					15	3	<1
Eastern Screech-Owl					5	1	<1
Yellow-billed Cuckoo				2	58	6	2
Black-billed Cuckoo				3	90	7	3
Belted Kingfisher					1	1	<1
Hairy Woodpecker	5/3		1	1	17	5	<1
Downy Woodpecker	4/26	5/11-2	3	6	126	10	5
Yellow-bellied Sapsucker				5	88	11	3
Red-headed Woodpecker					7	1	<1
Red-bellied Woodpecker	5/12		1	0	23	5	<1
Yellow-shafted Flicker	4/16		2	6	145	16	5
Chuck-will's-widow					1	1	<1
Whip-poor-will	5/4		1	1	27	3	1
Common Nighthawk					1	1	<1
Chimney Swift					1	1	<1
Ruby-throated Hummingbird	5/7	5/11-9	15	61	1256	115	57
Eastern Kingbird				6	143	12	5
Great Crested Flycatcher	5/4	5/4-3	5	31	604	44	22
Eastern Phoebe	4/26-5/7		2	1	113	24	4
Olive-sided Flycatcher				1	51	7	2
Eastern Wood Pewee				49	890	53	33
Yellow-bellied Flycatcher				109	3104	216	115
Acadian Flycatcher	5/12		1	13	798	125	30
Trail's Flycatcher	5/7		2	356	8068	648	299
Least Flycatcher	5/4	5/11-11	31	58	2781	186	103
Dusky Flycatcher					1	1	<1
Blue Jay	4/20	5/7/28	66	25	1356	205	50
Brown-headed Cowbird					3	2	<1
Red-winged Blackbird	4/17	4/29-4	40	224	3870	301	143
Orchard Oriole	5/7		1	1	43	4	2
Baltimore Oriole	5/7	5/11-11	22	22	987	72	37
Rusty Blackbird	4/17		1	8	117	19	4
Common Grackle	4/18		8	20	483	50	18
Purple Finch	4/19	4/19-2	2	0	44	15	2
House Finch					30	8	1
American Goldfinch	4/25	4/25-10	19	29	1669	192	62
Pine Siskin				1	3	1	<1
Vesper Sparrow					1	1	<1
Savanna Sparrow	5/7		1	0	10	2	<1
Grasshopper Sparrow					5	2	<1
Henslow's Sparrow					4	1	<1

Species	First /Last Capture	Peak Capture	2016 Total	2015 Total	1989 – 2015		
					Total	High	Ave
LeConte's Sparrow					1	1	<1
Harris Sparrow					1	1	<1
White-crowned Sparrow	5/2-12	5/8-9	33	63	1327	86	49
White-crowned Sparrow Gambel's	5/8-12		2	1	22	4	<1
White- throated Sparrow	4/16	4/25-82	453	535	13881	756	514
American Tree Sparrow	4/16-20	4/16-2	4	2	108	21	4
Chipping Sparrow	4/26		1	2	116	12	4
Clay-colored Sparrow	5/7		1	0	6	1	<1
Field Sparrow	4/24-5/11	4/25-3	5	3	285	27	11
Slate-colored Junco	4/16-18	4/17-6	11	8	471	87	17
Song Sparrow	4/16	4/16-5	21	30	1280	112	47
Lincoln's Sparrow	4/20	5/11-6	24	72	2623	196	97
Swamp Sparrow	4/18	4/26-11	68	123	5112	384	189
Fox Sparrow	4/16-20	4/16-2	4	6	408	41	15
Eastern Towhee	4/16-27		2	4	101	10	4
Spotted Towhee					1	1	<1
Northern Cardinal	4/16	4/16-4	20	60	1081	72	40
Rose-breasted Grosbeak	5/4	5/4-2	6	12	697	106	26
Blue Grosbeak					1	1	<1
Indigo Bunting	5/4	5/11-10	17	48	2603	165	96
Scarlet Tanager	5/7-12		2	9	192	17	7
Summer Tanager	5/4		1	0	18	3	<1
Purple Martin					2	2	<1
Barn Swallow					9	3	<1
Tree Swallow	4/16	4/25-3	17	34	431	34	16
N. Rough-winged Swallow					5	2	<1
Cedar Waxwing				18	1226	198	45
Loggerhead Shrike					1	1	<1
Red-eyed Vireo	5/11	5/12-2	3	86	4931	385	183
Philadelphia Vireo	5/12		1	9	683	59	25
Warbling Vireo	4/25	5/7-8	19	28	663	54	25
Yellow-throated Vireo					50	8	2
Blue-headed Vireo	4/25-5/11	5/7-8	17	23	610	53	23
White-eyed Vireo	4/25-5/4	4/25-2	5	7	330	23	12
Black-and-white Warbler	4/26	5/7-5	21	76	2714	359	101
Hybrid warbler					2	1	<1
Prothonotary Warbler	4/26	4/26-2	5	12	196	15	7
Swainson's Warbler					2	1	<1
Worm-eating Warbler				1	33	5	1
Blue-winged Warbler	4/26-5/12	5/2-2	13	14	470	31	17
"Brewster's Warbler"					18	3	<1
"Lawrence's Warbler"					1	1	<1
Golden-winged Warbler	5/12		1	2	111	11	4
Nashville Warbler	4/25-5/12	5/7-131	303	137	5543	432	205
Orange-crowned Warbler	4/26-5/8	5/8-8	13	13	293	27	11
Tennessee Warbler	5/4	5/7-6	12	139	3273	268	121
Northern Parula	4/27-5/12	5/11-17	25	24	364	51	13
Cape May Warbler	5/7	5/11-7	13	45	892	83	33
Yellow Warbler	4/25	5/7-56	219	470	10292	563	381
Black-throated Blue Warbler	5/7	5/7-4	10	59	1453	131	54

Species	First /Last Capture	Peak Capture	2016 Total	2015 Total	1989 – 2015		
					Total	High	Ave
Myrtle Warbler	4/20-5/12	4/25-37	209	1031	15667	1412	580
Magnolia Warbler	5/7	5/11-32	59	628	17351	1282	643
Cerulean Warbler	5/7-11		2	2	46	6	2
Chestnut-sided Warbler	4/25	5/11-13	27	143	4026	231	149
Bay-breasted Warbler	5/8	5/11-3	7	61	1736	137	64
Blackpoll Warbler				99	1949	176	72
Blackburnian Warbler	5/7	5/11-4	6	54	862	70	32
Yellow-throated Warbler					5	1	<1
Black-throated Green Warbler	4/25-5/12	5/7-23	69	95	1707	119	63
Kirtland Warbler				1	2	1	<1
Pine Warbler	4/27-5/1	4/27-2	3	1	47	9	2
Western Palm Warbler	4/22-5/12	4/27-36	187	309	4164	464	154
Yellow Palm Warbler	4/16-5/8		3	3	45	6	2
Prairie Warbler					27	3	1
Ovenbird	4/22	5/8-5	23	89	3819	262	141
Northern Waterthrush	4/25	5/11-8	34	104	2612	172	97
Louisiana Waterthrush				3	39	6	1
Kentucky Warbler					52	7	2
Connecticut Warbler				8	213	11	8
Mourning Warbler				75	2829	152	105
Common Yellowthroat	4/25	5/11-22	83	244	8596	534	318
Yellow-breasted Chat				2	213	21	8
Hooded Warbler	4/26		1	13	228	18	8
Wilson's Warbler	5/5		3	237	5420	328	201
Canada Warbler	5/11	5/12-2	3	113	3448	220	128
American Redstart	5/7	5/11-23	41	451	7762	517	287
Northern Mockingbird					1	1	<1
Gray Catbird	4/25	5/11-45	173	425	11212	571	415
Brown Thrasher	4/17	4/18-4	10	19	404	21	15
Carolina Wren					107	9	4
House Wren	4/17	5/4-10	75	63	2515	138	93
Winter Wren	4/17-5/3	4/18-5	13	12	449	55	17
Marsh Wren				2	26	3	<1
Brown Creeper	4/16-22	4/16-4	10	16	712	99	26
White-breasted Nuthatch	4/25		1	1	7	2	<1
Red-breasted Nuthatch				2	171	41	6
Black-capped Chickadee	4/19		1	0	47	7	2
Golden-crowned Kinglet	4/16-25	4/17-34	50	26	1480	294	55
Ruby-crowned Kinglet	4/16-5/12	4/26-38	274	149	5501	342	204
Blue-gray Gnatcatcher	4/18-5/11	5/4-21	56	24	1253	130	46
Wood Thrush	4/22	5/7-6	19	29	814	59	30
Veery	5/2	5/11-5	17	79	2231	127	83
Gray-cheeked Thrush	4/25		3	51	1022	116	38
Swainson's Thrush	4/26	5/12-7	14	240	6682	476	247
Hermit Thrush	4/16-5/8	4/25-33	96	146	3886	262	144
American Robin	4/16	5/8-2	6	26	598	37	22
Eastern Bluebird					15	2	<1
<b>TOTAL</b>			3,178	8,294	<b>213,833</b>	<b>10,360</b>	<b>7,920</b>