

**Black Swamp Bird Observatory  
Navarre, Ottawa NWR Banding Station  
Spring 2010**

The 32<sup>th</sup> spring season began daily 14 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 2010 Banding - New Bandings only

Date	Number Banded 2010	Accumulative Banded 2010	Birds/Net Hour	Same Date 2009
4-01	37		.46	0
4-02	34	71	.39	27
4-08		71		76
4-09		71		114
4-12	31	102	.34	114
4-13		102		114
4-14	21	123	.23	114
4-15	45	168	.32	114
4-16	19	187	.31	136
4-17	33	220	.30	156
4-18	<b>COLD</b>	220		<b>260</b>
4-19	20	240	.14	318
4-20	21	261	.20	<b>427</b>
4-21	24	285	.22	495
4-22	19	304	.17	554
4-23	27	331	.20	604
4-24	<b>RAIN</b>	331		<b>931</b>
4-25	71	402	.57	<b>1104</b>
4-26	<b>RAIN</b>	402		<b>1275</b>
4-27	54	456	.39	<b>1609</b>
4-28	43	499	.31	1700
4-29	84	583	.55	<b>2293</b>
4-30	<b>140</b>	723	<b>1.01</b>	<b>2517</b>
5-01	<b>141</b>	864	.86	<b>2687</b>
5-02	43	907	.33	<b>2952</b>
5-03	78	985	.57	<b>3162</b>
5-04	74	1059	.48	3235
5-05	<b>197</b>	1256	<b>1.25</b>	3296
5-06	<b>200</b>	1456	1.08	<b>3477</b>
5-07	<b>139</b>	1595	.94	<b>3601</b>
5-08	76	1671	.94	<b>4179</b>
5-09	<b>107</b>	1778	.66	<b>4571</b>
5-10	70	1848	.46	<b>5071</b>
5-11	<b>RAIN</b>	1848		<b>5398</b>
5-12	<b>125</b>	1973	.67	<b>5516</b>
5-13	<b>103</b>	2076	.71	<b>5797</b>
5-14	<b>670</b>	2746	<b>3.57</b>	<b>6085</b>
5-15	<b>396</b>	3142	<b>1.99</b>	<b>6337</b>
5-16	<b>149</b>	3291	.89	<b>7019</b>
5-17	93	3384	.60	<b>7477</b>
5-18	<b>RAIN</b>	3384		<b>7748</b>
5-19	<b>103</b>	3487	.63	<b>8095</b>
5-20	<b>156</b>	3643	<b>1.02</b>	<b>8407</b>
5-21	<b>139</b>	3782	<b>1.22</b>	<b>8688</b>
5-22	<b>453</b>	4235	<b>2.37</b>	<b>8856</b>
5-23	<b>170</b>	4405	<b>1.06</b>	<b>8959</b>

Date	Number Banded 2010	Accumulative Banded 2010	Birds/Net Hour	Same Date 2009
5-24	94	4499	.65	<b>9084</b>
5-25	70	4569	.47	9141
5-26	95	4664	.64	9193
5-27	44	4708	.31	<b>9363</b>
5-28	23	4731	.17	<b>9549</b>
5-29	23	4754	.14	<b>9659</b>
5-30	19	4773	.15	9732
5-31	66	4839	.51	9783
6-01	44	4883	.33	9867
6-02	45	4928	.46	9909
6-03	50	4978	.36	9951
6-04	24	5002	.19	9969
6-05	27	5029	.16	10003
6-06				10042

**Bird Movement:** Short distance migrants began moving along the Lake Erie coast in late March but in earnest in early April. Good movements of Fox Sparrows and Rusty Blackbirds have started. Warm front coming in evening of 15<sup>th</sup> could bring new species.

The first neotropical wave of birds normally expected near the 24 April appears to have been blocked by a High pressure system over southern Michigan and Ontario. This diverted the expected southwest winds of the Oklahoma Low to the west. It would be expected that a good movement was seen up the Mississippi River valley this weekend. The second pulse of the First wave looks good for the later part of the coming week.

A good second pulse of the first wave has begun 30 April. White-throated Sparrow is in large numbers but lesser numbers of the other dominants have appeared. A lot of "one of" species have started.

5 May saw a major movement with great diversity. 22 warblers seen/heard/captured at the station.

The Second wave hit on the 14<sup>th</sup>. Good volume and excellent diversity with 27 warbler species at the station.

**Returns:** Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2010:

- 1 – Eastern Screech Owl
- 2 – Downy Woodpecker
- 2 – Blue Jay
- 30 – Red winged Blackbird + 1 Foreign bird
- 11 – Baltimore Oriole
- 3 – Common Grackle
- 5 – Song Sparrow
- 23 – Northern Cardinal
- 1 – Tree Swallow
- 2 – Warbling Vireo
- 4 – Prothonotary Warbler
- 47 – Yellow Warbler
- 12 – Common Yellowthroat
- 59 – Gray Catbird
- 7 – Brown Thrasher
- 2 – Carolina Wren

- 6 – House Wren
- 1 – Black-capped Chickadee
- 10 – American Robin

Species summary for the Navarre banding station, spring 2010. Includes first/last capture, peak capture, 2010 new banded total, 2009 total for the species, and the total, high year and average for 1989-2009. 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.

2010 totals bold if surpassed year 2009 totals, blue if surpassed average, and red if record year

**Updated last: 5 June:**

Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1989 – 2009		
					Total	High	Avg
Green Heron				0	1	1	<1
Virginia Rail				0	1	1	<1
Sora				0	6	3	<1
American Woodcock	5/31		<b>1</b>	0	12	3	<1
Solitary Sandpiper				0	1	1	<1
Mourning Dove				1	11	2	<1
Sharp-shinned Hawk	4/28-5/1		<b>3</b>	0	62	12	3
Cooper's Hawk	5/27		<b>1</b>	0	1	1	<1
American Kestrel				0	13	3	<1
Eastern Screech-Owl				0	4	1	<1
Yellow-billed Cuckoo				1	47	6	2
Black-billed Cuckoo	5/21-26		<b>3</b>	1	72	7	3
Hairy Woodpecker				1	8	2	<1
Downy Woodpecker	4/12		<b>4</b>	6	91	9	4
Yellow-bellied Sapsucker	4/1-5/8		<b>4</b>	1	72	11	3
Red-headed Woodpecker				0	5	1	<1
Red-bellied Woodpecker	5/2		<b>1</b>	1	13	2	<1
Yellow-shafted Flicker	4/12		4	10	113	16	5
Chuck-will's-widow				1	1	1	<1
Whip-poor-will	4/30		<b>1</b>	1	20	3	<1
Common Nighthawk				0	1	1	<1
Chimney Swift				0	1	1	<1
Ruby-throated Hummingbird	5/6	5/19-8	35	47	935	115	58
Eastern Kingbird	5/5-31		<b>4</b>	1	118	12	6
Great Crested Flycatcher	4/30-6/4	5/14-3	11	20	466	44	22
Eastern Phoebe	4/2	4/2-2	2	10	98	24	5
Olive-sided Flycatcher				0	48	7	2
Eastern Wood Pewee	5/14-6/2	5/14-7	19	32	682	53	32
Yellow-bellied Flycatcher	5/12-6/4	5/22-18	92	105	2387	216	114
Acadian Flycatcher	5/22-6/5	5/25-5	14	18	705	125	34
Trail's Flycatcher	5/4-6/5	5/22-67	217	302	5808	648	277

Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1989 – 2009		
					Total	High	AvG
Least Flycatcher	4/30-5/30	5/14-20	54	108	2438	186	116
Dusky Flycatcher				0	1	1	<1
Blue Jay	4/16	4/28-5	25	56	1214	205	58
Red-winged Blackbird	4/12	5/3-8	137	149	2770	220	132
Orchard Oriole	5/16-22		2	1	37	4	2
Baltimore Oriole	5/5	5/6-3	26	25	771	72	37
Rusty Blackbird	4/25	4/25-2	2	7	98	19	5
Common Grackle	5/6	5/13-2	11	31	335	34	16
Purple Finch				1	41	15	2
House Finch				0	29	8	2
American Goldfinch	4/27	5/22-3	22	24	1546	192	74
Pine Siskin				1	2	1	<1
Vesper Sparrow				0	1	1	<1
Savanna Sparrow				0	9	2	<1
Grasshopper Sparrow				0	5	2	<1
Henslow's Sparrow				0	3	1	<1
Harris Sparrow				0	1	1	<1
White-crowned Sparrow	4/30-5/20	5/14-13	56	57	1014	86	48
White-crowned Sparrow Gambel's				1	13	4	<1
White-throated Sparrow	4/14-5/20	4/30-70	426	634	10948	756	521
American Tree Sparrow				6	105	21	5
Chipping Sparrow	4/25-28		2	9	108	12	5
Clay-colored Sparrow				0	5	1	<1
Field Sparrow	4/1-28	4/25-3	11	14	250	27	12
Slate-colored Junco	4/1-27	4/2-4	12	24	421	87	20
Song Sparrow	4/1	4/12-3	17	42	1108	112	53
Lincoln's Sparrow	4/30-6/3	5/22-18	75	81	2132	196	102
Swamp Sparrow	4/12	4/25-4	49	116	4495	384	214
Fox Sparrow	4/2-25	4/14-5	11	24	344	41	16
Eastern Towhee	4/28-5/1	4/28-3	5	3	74	8	4
Spotted Towhee				0	1	1	<1
Northern Cardinal	4/1	4/12-5	49	38	754	58	36
Rose-breasted Grosbeak	4/30-5/20	5/12-3	10	13	617	106	29
Blue Grosbeak				0	1	1	<1
Indigo Bunting	4/30	5/14-9	53	83	2232	165	106
Scarlet Tanager	5/4-17		2	9	163	17	8
Summer Tanager				0	14	3	<1
Purple Martin	5/12-13		2	0	0	0	0
Barn Swallow	5/13		1	0	5	2	<1
Tree Swallow	4/22	5/13-3	16	17	320	28	15
N. Rough-winged Swallow				0	4	2	<1
Cedar Waxwing	5/22-6/1	6/1-2	4	20	1161	198	55
Loggerhead Shrike				0	1	1	<1
Red-eyed Vireo	5/5	5/26-10	59	150	4218	385	201
Philadelphia Vireo	5/22		1	25	567	59	27
Warbling Vireo	5/2	5/10-3	25	23	494	54	24
Yellow-throated Vireo	5/3		1	3	46	8	2
Blue-headed Vireo	5/5-15	5/5-2	7	39	458	42	22
White-eyed Vireo	5/1-31	5/1-2	6	14	291	23	14
Black-and-white Warbler	4/27-6/4	5/14-14	53	87	2216	359	106

Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1989 – 2009		
					Total	High	AvG
Hybrid warbler				0	2	1	<1
Prothonotary Warbler	5/9-6/1	5/17-2	9	6	133	13	6
Swainson's Warbler				0	1	1	<1
Worm-eating Warbler	5/1-2		2	5	28	5	1
Blue-winged Warbler	4/29-5/10	5/1-2	6	21	383	31	18
"Brewster's Warbler"				0	17	3	<1
"Lawrence's Warbler"				0	1	1	<1
Golden-winged Warbler	5/1-10		2	3	99	11	5
Nashville Warbler	4/29-5/24	5/12-26	169	432	4134	432	197
Orange-crowned Warbler	4/29-5/15	5/12-3	8	10	216	27	10
Tennessee Warbler	5/5-24	5/15-12	59	198	2481	268	118
Northern Parula	5/14-23	5/14-2	6	34	206	34	10
Cape May Warbler	5/6-15		4	39	739	83	35
Yellow Warbler	4/29	5/5/32	270	562	7829	562	373
Black-throated Blue Warbler	5/8-24	5/14-5	21	62	1150	131	55
Myrtle Warbler	4/12-5/20	5/6-53	182	1412	11343	1412	540
Magnolia Warbler	5/5-31	5/14-103	396	686	13668	1282	651
Cerulean Warbler	5/9		1	0	35	6	2
Chestnut-sided Warbler	5/5-29	5/14-18	73	200	3190	231	152
Bay-breasted Warbler	5/5-23	5/22-5	11	75	1459	137	69
Blackpoll Warbler	5/5-24	5/15-5	25	176	1411	176	67
Blackburnian Warbler	5/12-24	5/15-2	11	64	657	70	31
Yellow-throated Warbler				1	4	1	<1
Black-throated Green Warbler	5/1-23	5/15-3	13	85	1268	119	60
Kirtland Warbler				0	1	1	<1
Pine Warbler	4/21		1	4	26	4	1
Western Palm Warbler	4/19-5/16	5/5-10	55	317	2760	317	143
Yellow Palm Warbler				4	39	6	2
Prairie Warbler				1	24	3	1
Ovenbird	4/30-6/1	5/14-30	126	197	2994	262	143
Northern Waterthrush	4/27-5/29	5/14-31	110	116	1915	171	91
Louisiana Waterthrush				0	26	4	1
Kentucky Warbler	4/30		1	5	50	7	2
Connecticut Warbler	5/14-23	5/14-2	3	9	171	11	8
Mourning Warbler	5/8-6/3	5/22-21	90	109	2236	152	106
Common Yellowthroat	4/28	5/14-49	209	270	6858	534	327
Yellow-breasted Chat	4/30-5/26		3	6	199	21	9
Hooded Warbler	4/30-5/23	5/2-2	8	13	163	18	8
Wilson's Warbler	5/5-6/5	5/22-39	136	224	4181	328	199
Canada Warbler	5/13-6/3	5/22-36	102	125	2673	192	127
American Redstart	5/5-6/1	5/14-41	146	315	5849	517	279
Gray Catbird	4/27	5/14-111	429	473	8426	571	401
Brown Thrasher	4/1	5/1-2	16	21	316	21	15
Carolina Wren	4/1	4/1-2	5	2	88	9	4
House Wren	4/15	5/1-6	63	100	2088	138	99
Winter Wren	4/1-28	4/22-2	6	19	392	55	19
Marsh Wren				0	20	3	1
Brown Creeper	4/1-20	4/2-7	16	30	613	99	29
White-breasted Nuthatch				0	5	2	<1
Red-breasted Nuthatch	4/29		1	0	144	41	7

Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1989 – 2009		
					Total	High	AvG
Black-capped Chickadee	4/14		3	1	26	3	1
Golden-crowned Kinglet	4/1-15	4/1-20	32	111	1305	294	62
Ruby-crowned Kinglet	4/15-5/19	4/29-12	95	256	4705	342	224
Blue-gray Gnatcatcher	4/14-5/4	4/25-5	17	63	927	104	44
Wood Thrush	4/30-6/1	5/14-4	26	22	636	59	30
Veery	5/1-26	5/14-13	53	94	1757	127	84
Gray-cheeked Thrush	5/1-31	5/21-6	47	63	749	116	36
Swainson's Thrush	4/30-6/2	5/22-33	194	349	5179	476	247
Hermit Thrush	4/2-5/9	4/15-19	97	142	3050	262	145
American Robin	4/12	4/12-3	24	22	430	37	20
Eastern Bluebird				0	15	2	<1
<b>TOTAL</b>			5,029	10,042	<b>166,904</b>	<b>10,111</b>	<b>7,948</b>