

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2010 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

The 21st fall season began daily 23 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 2010 – Navarre - New Bandings only

Date	Number Banded 2010	Accumulative Banded 2010	Birds/Net Hour	Same Date 2009
7-04	69		.69	66
7-13		69		121
7-14	50	119	.54	121
7-25	88	207	.85	198
8-03	27	234	.25	221
8-22		234		269
8-23	32	266	.23	285
8-24	15	281	.15	322
8-25	17	298	.11	337
8-26	18	316	.15	399
8-27	54	370	.33	423
8-28	67	437	.46	431
8-29	35	472	.24	448
8-30	36	508	.23	461
8-31	50	558	.31	505
9-01	28	586	.21	582
9-02	75	661	.51	606
9-03	59	720	.39	618
9-04	53	773	.38	640
9-05	114	887	.66	660
9-06	95	982	.54	681
9-07	57	1039	.41	696
9-08	96	1135	.59	703
9-09	98	1233	.66	718
9-10	81	1314	.50	733
9-11	72	1386	.53	757
9-12	121	1507	.76	767
9-13	165	1672	1.09	787
9-14	226	1898	1.29	830
9-15	140	2038	.92	880
9-16	159	2197	.97	901
9-17	133	2330	.70	939
9-18	199	2529	1.18	988
9-19	62	2591	.38	1054
9-20	56	2647	.42	1095

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Date	Number Banded 2010	Accumulative Banded 2010	Birds/Net Hour	Same Date 2009
9-21	94	2741	.59	1115
9-22	162	2903	.96	1215
9-23	101	3004	.61	1295
9-24	141	3145	.81	1349
9-25	152	3297	.89	1391
9-26	194	3491	1.12	1518
9-27	27	3518	.25	1662
9-28	RAIN	3518		1780
9-29	219	3737	1.12	1911
9-30	197	3934	.99	2072
10-01	81	4015	.47	2224
10-02	RAIN	4015		2224
10-03	133	4148	1.02	2320
10-04	186	4334	1.18	2442
10-05	252	4586	1.40	2527
10-06	197	4783	1.16	2628
10-07	204	4987	1.03	2658
10-08	169	5156	.95	2757
10-09	171	5327	.94	2757
10-10	152	5479	.82	2916
10-11	196	5675	1.19	3001
10-12	85	5760	.67	3104
10-13	84	5844	.59	3159
10-14	47	5891	.31	3242
10-15	52	5943	.51	3242
10-16	127	6070	.55	3403
10-17	50	6120	.32	3578
10-18				3703
10-19				3769
10-20	37	6157	.31	3879
10-21				3934
10-22				3999
10-23				3999
10-24				4078
10-25				4215
10-27				4280
10-31	102	6259	.57	4280
11-01				4324
11-03	17	6276	.25	4324

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Species summary, for the Navarre banding station, fall 2010. Includes first/last capture, peak capture, 2010 new banded total, and the 2009 total for the species.

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.

Bird Movement: Minor movements were noted with the full moon and favorable N winds on the 27 & 28 August. Eighteen species of warbler had been captured by that date. An increase in movement was noted with a small front on the 2nd. A bigger movement can be expected the coming weekend with a strong cold front from the NW. Good consistent movement has been noted with cold fronts the past week. Good variety continues.

Major movement of thrushes the past week. Gray-cheeks in large numbers as well as Swainson's. Warblers have been consistent led by Blackpoll and Magnolia.

The last week of September continued a great bird movement. "October" birds are increasing as remnants of early September species still linger.

Updated last: 3 November

Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1990 - 2009		
					Total	High	Avg
American Woodcock	9/17-10/31		5	3	32	7	2
Mourning Dove	9/21		1	0	30	7	2
Sharp-shinned Hawk	9/29		1	1	11	2	<1
Cooper's Hawk				0	3	1	<1
Red-tailed Hawk				0	4	1	<1
Eastern Screech Owl				0	2	1	<1
Yellow-billed Cuckoo	8/25-9/25	9/9-2	5	1	100	13	5
Black-billed Cuckoo				0	6	1	<1
Belted Kingfisher				0	4	2	<1
Hairy Woodpecker				1	3	1	<1
Downy Woodpecker	7/4	7/4-5	23	41	414	41	20
Yellow-bellied Sapsucker	9/24	10/4-3	6	9	102	19	5
Red-head Woodpecker				0	4	2	<1
Red-bellied Woodpecker	10/4		1	1	6	2	<1
Yellow-shafted Flicker	7/4-10/31	9/21-3	11	10	155	18	8
Whip-poor-will				0	1	1	<1
Ruby-throated Hummingbird	8/25-9/27	8/30-2	18	7	222	58	14
Eastern Kingbird				1	55	18	3
Great Crested Flycatcher	9/11-24		2	2	28	9	1
Eastern Phoebe	8/28-10/6	8/28-2	15	18	521	54	26
Olive-sided Flycatcher				0	5	1	<1
Eastern Wood-Pewee	8/3-10/5	9/18-5	18	10	264	26	13
Yellow-bellied Flycatcher	8/23-9/24	9/21-6	24	11	357	38	18
Acadian Flycatcher	7/14-9/24		2	0	14	2	<1
Trail's Flycatcher	8/28-9/9		4	3	131	18	7
Least Flycatcher	8/25-9/29		7	3	156	15	8
Blue Jay	7/14		5	3	112	19	6

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European Starling				0	5	5	<1
Red-winged Blackbird	7/4	8/28-10	23	16	652	134	33
Orchard Oriole	7/25	7/25-2	2	0	12	8	<1
Baltimore Oriole	7/4-9/8	7/25-4	20	22	456	86	23
Rusty Blackbird	10/11-17	10/17-3	6	6	197	47	10
Common Grackle	7/14-10/20	9/18-13	95	56	634	87	32
Purple Finch	9/21-10/10	10/8-2	5	4	238	79	12
House Finch				0	402	148	20
American Goldfinch	7/4	10/17-6	13	19	489	191	24
Savanna Sparrow				0	3	1	<1
Grasshopper Sparrow	8/3		1	0	0	0	0
Nelson's Sparrow				0	2	1	<1
White-crowned Sparrow	10/1-11/3	10/10-3	15	23	231	27	12
Gambel's White-crowned Sparrow				0	3	2	<1
White-throated Sparrow	9/10-11/3	9/29-42	413	291	7502	1119	375
American Tree Sparrow	10/11		2	0	23	8	1
Chipping Sparrow	10/12		1	1	23	4	1
Field Sparrow	10/9-20		2	6	64	7	3
Slate-colored Junco	10/4-31	10/5-3	14	28	628	78	31
Song Sparrow	7/4	7/4-6	33	30	1127	140	56
Lincoln Sparrow	9/11-10/12	9/30-3	12	12	269	42	13
Swamp Sparrow	9/22-10/20	10/11-6	34	24	1479	239	74
Fox Sparrow	10/5-11/3	10/31-15	34	8	245	43	12
Eastern Towhee	10/8		1	0	18	4	<1
Northern Cardinal	7/4	8/23-5	65	40	914	75	46
Rose-breasted Grosbeak	9/13-10/12	9/17-4	14	5	156	21	8
Indigo Bunting	7/4-10/11		4	7	298	58	15
Dickcissel				0	1	1	<1
Scarlet Tanager				2	35	6	2
Purple Martin				0	1	1	<1
Barn Swallow				0	14	8	<1
Tree Swallow				0	5	4	<1
Cedar Waxwing	8/27-10/17	10/16-8	37	46	462	78	23
Northern Shrike				0	1	1	<1
Red-eyed Vireo	8/28-10/20	9/11-6	70	47	1284	103	64
Philadelphia Vireo	9/1-21	9/12-2	8	10	287	24	14
Warbling Vireo	7/14-9/22	8/28-7	26	59	1187	132	59
Yellow-throated Vireo				1	16	3	<1
Blue-headed Vireo	9/23-10/17	9/29-3	9	28	230	28	12
White-eyed Vireo				1	23	4	1
Black-and-white Warbler	7/4-10/9	9/14-7	39	13	428	45	21
Prothonotary Warbler	8/3-29		4	6	132	15	7
Worm-eating Warbler				0	2	1	<1
Blue-winged Warbler				0	14	2	<1
Golden-winged Warbler				0	13	3	<1
Nashville Warbler	8/28-10/13	10/5-6	66	50	742	66	37
Orange-crowned Warbler	9/21-10/10	10/10-2	6	7	90	10	4
Tennessee Warbler	8/27-10/16	10/5-9	96	23	1181	197	59

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Species	First /Last Capture	Peak Capture	2010 Total	2009 Total	1990 - 2009		
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Northern Parula	9/6-30	9/16-3	8	3	30	6	1
Cape May Warbler	9/1-10/14	9/26-7	68	47	2206	428	110
Yellow Warbler	7/4-9/18	7/25-54	110	75	1326	207	66
Black-throated Blue Warbler	8/27-10/9	9/14-12	92	64	826	78	41
Myrtle Warbler	9/14	10/11-36	219	196	5251	945	263
Magnolia Warbler	8/23-10/10	9/14-21	202	124	3104	266	155
Cerulean Warbler				0	1	1	<1
Chestnut-sided Warbler	8/25-9/30	9/14-3	20	13	358	38	18
Bay-breasted Warbler	8/28-10/9	9/3-3	35	17	481	54	24
Blackpoll Warbler	8/27-10/20	9/22-81	1017	539	7664	890	383
Blackburnian Warbler	9/6-19	9/16-4	6	5	87	8	4
Black-throated Green Warbler	8/26-10/10	9/16-5	19	8	239	30	12
Pine Warbler	9/30		1	0	8	4	<1
Western palm Warbler				4	249	54	12
Yellow palm Warbler				0	6	6	<1
Ovenbird	8/24-10/9	9/14-15	118	63	1499	130	75
Northern Waterthrush	8/23-10/14	8/27-3	20	31	525	56	26
Kentucky Warbler				1	2	1	<1
Connecticut Warbler	7/25-9/14	8/28-2	7	6	157	20	8
Mourning Warbler	8/23-9/24	8/25-2	11	14	231	20	12
Common Yellowthroat	7/14-10/11	9/2-12	149	83	3659	458	183
Yellow-breasted Chat				0	21	4	1
Hooded Warbler	9/11		1	0	4	1	<1
Wilson's Warbler	8/26-10/5	9/9-4	33	13	422	62	21
Canada Warbler	8/23-9/14	9/3-2	14	9	163	17	8
American Redstart	7/4-10/1	9/8-17	111	50	1588	158	79
Gray Catbird	7/4-10/20	9/18-15	332	272	5200	452	260
Brown Thrasher	7/25-9/22	7/25-2	7	7	115	13	6
Carolina Wren	8/23	8/23-3	5	8	321	30	16
House Wren	7/4-10/6	7/14-5	32	52	1437	153	72
Winter Wren	9/14-10/20	10/13-5	38	89	1307	158	65
Marsh Wren	7/25-10/8	9/12-2	8	4	52	9	3
Brown Creeper	9/18-11/3	10/10-10	86	81	1179	119	59
White-breasted Nuthatch	9/1		1	1	11	2	<1
Red-breasted Nuthatch	9/13-10/11	10/8-4	18	8	201	34	10
Tufted Titmouse	10/8-14	10/8-2	4	0	71	12	4
Black-capped Chickadee	7/4	8/29-2	9	11	76	11	4
Golden-crowned Kinglet	9/26-11/3	10/5-73	473	285	4771	787	239
Ruby-crowned Kinglet	9/15-10/31	10/5-57	259	245	4440	627	222
Wood Thrush	8/31-10/7		7	10	119	14	6
Veery	8/27-10/8	9/3-5	24	15	439	40	22
Gray-cheeked Thrush	9/5-10/11	9/18-36	274	164	3211	260	161
Bicknell's Thrush				0	2	1	<1
Swainson's Thrush	8/27-10/31	9/14-64	745	350	9346	895	467
Hermit Thrush	9/24-10/31	10/11-40	271	239	3490	361	175
American Robin	7/4	10/16-6	64	102	1232	138	62
TOTAL			6,276	4,324	92,148	7,232	4,607