

	Spring Arrival Dates					Waterbirds							
Species	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Average	21-Yr. Ave	
American Bittern	1 Apr	1 Apr	1 Apr		5 Apr	21 Apr	20 Apr	20 Apr	22 Apr		11 Apr	15 Apr	
Green Heron	15 Apr	28 Apr	22 Apr		22 Apr	6 May	8 May	27 Apr	24 Apr	14 Apr	25 Apr	22 Apr	
Wood Duck	14 Mar	22 Mar	3 Mar		14 Mar	16 Mar	21 Mar	18 Apr	13 Mar		19 Mar	13 Mar	
Green-winged Teal	10 Mar	12 Mar	3 Mar		22 Mar	29 Mar	19 Mar	3 Apr			18 Mar	17 Mar	
Northern Pintail	7 Mar	9 Mar	3 Mar		13 Mar		14 Mar	14 Mar			10 Mar	7 Mar	
Blue-winged Teal	19 Mar	16 Mar	24 Mar		15 Mar	17 Apr	24 Mar	1 Apr	12 Apr	3 Mar	24 Mar	29 Mar	
Osprey	24 Mar	26 Mar	23 Mar		19 Mar	2 Apr	22 Mar	3 Apr	30 Mar	3 Mar	23 Mar	28 Mar	
Virginia Rail	6 Apr	29 Apr	13 Apr		11 Apr	4 May	6 May	1 Apr	13 Apr		17 Apr	19 Apr	
Sora	15 Apr	22 Apr	25 Apr		23 Apr		19 May	23 Apr	4 May	14 Apr	25 Apr	29 Apr	
Common Moorhen	7 Apr	29 Apr	21 Apr		14 Apr		6 May	27 Apr		21 Apr	22 Apr	26 Apr	
Black-bellied Plover	18 May	26 Apr	14 Apr		23 May		14 May				7 May	12 May	
Semipalmated Plover	3 May	4 May	11 May		13 May		9 May	18 May	15 May	28 Apr	8 May	10 May	
Killdeer	28 Feb	10 Mar	3 Mar		3 Mar	25 Mar	21 Mar	15 Mar			11 Mar	5 Mar	
Greater Yellowlegs	28 Mar	23 Mar	13 Mar		10 Apr	7 Apr	20 Apr	14 Apr	1 Apr		2 Apr	7 Apr	
Lesser Yellowlegs	29 Mar	12 Apr	21 Apr		8 Apr	17 Apr	24 Apr	1 May	10 Apr	15 Mar	11 Apr	18 Apr	
Solitary Sandpiper	22 Apr	21 Apr	28 Apr		26 Apr	6 May	4 May	25 Apr	11 Apr	16 Apr	24 Apr	26 Apr	
Spotted Sandpiper	15 Apr	23 Apr	22 Apr		29 Apr	8 May	28 Apr	29 Apr	28 Apr	21 Apr	25 Apr	24 Apr	
Sanderling					26 May						26 May	17 May	
Semipalmated Sandpiper	6 May	3 May			19 May		9 May	19 May	15 May	28 Apr	9 May	13 May	
Least Sandpiper	25 Apr	22 Apr	28 Apr		26 Apr		9 May	12 May	28 Apr	18 Apr	28 Apr	4 May	
Pectoral Sandpiper	30 Mar	12 Mar	29 Apr		10 Apr					31 Mar	3 Apr	21 Apr	
Wilson's Snipe	28 Mar	24 Mar	29 Mar		29 Mar	2 Apr	3 Apr	15 Mar	29 Mar		27 Mar	23 Mar	
American Woodcock	13 Mar	11 Mar	7 Mar		25 Feb	20 Mar	23 Mar	14 Apr	23 Feb	3 Mar	12 Mar	11 Mar	
Caspian Tern	31 Mar	2 Apr	7 Apr		7 Apr	10 Apr	9 May	29 Apr		13 May	17 Apr	22 Apr	
Common Tern	8 Apr	12 Apr	7 Apr		23 Apr	2 May	9 May		4 May	20 Apr	21 Apr	27 Apr	
Black Tern	3 May	9 May	3 May		17 May	4 May	9 May	2 May		12 May	7 May	8 May	
Marsh Wren	28 Apr	28 Mar	13 May		30 Apr		14 May	24 Apr	3 May	21 Apr	27 Apr	1 May	
	Dates in <b>bold</b> type are record early arrivals for the Region.												

Spring Arrival Dates 2007 Landbirds												
Species	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Average	21-Yr. Ave
Black-billed Cuckoo	9 May	9 May	13 May		10 May	10 May	14 May	10 May	19 May	18 Apr	9 May	12 May
Common Nighthawk	11 May	8 May	11 May		19 May		18 May	19 May	22 May	29 Apr	13 May	12 May
Chimney Swift	22 Apr	22 Apr	21 Apr		22 Apr	3 May	17 May	29 Apr	29 Apr	23 Apr	27 Apr	25 Apr
Ruby-thr Hummingbird	2 May	29 Apr	4 May		1 May	10 May	2 May	1 May	29 Apr	16 Apr	30 Apr	3 May
Yellow-bellied Sapsucker	23 Mar	29 Mar	30 Mar		2 Apr	5 Apr	24 Mar	4 Apr			30 Mar	3 Apr
Olive-sided Flycatcher	17 May	27 May	17 May		28 May	26 May	20 May	19 May	13 May	12 May	19 May	18 May
Eastern Wood-Pewee	9 May	11 May	6 May		12 May	19 May	1 May	30 Apr	14 May	20 Apr	6 May	9 May
Alder Flycatcher	17 May	<b>5 May</b>	12 May		12 May	20 May	17 May	15 May	15 May	30 May	15 May	17 May
Willow Flycatcher	<b>9 May</b>	11 May	16 May		14 May	20 May	19 May	12 May	12 May	11 May	13 May	16 May
Least Flycatcher	27 Apr	4 May	24 Apr		1 May	4 May	7 May	30 Apr	30 Apr	28 Apr	30 Apr	2 May
Eastern Phoebe	17 Mar	20 Mar	22 Mar		14 Mar	29 Mar	26 Mar	5 May	14 Mar	<b>3 Mar</b>	23 Mar	22 Mar
Gr. Crested Flycatcher	1 May	27 Apr	28 Apr		1 May	4 May	10 May	5 May	2 May	28 Apr	1 May	1 May
Eastern Kingbird	27 Apr	29 Apr	23 Apr		1 May	4 May	5 May	29 Apr	28 Apr	17 Apr	28 Apr	28 Apr
Purple Martin	3 Apr	23 Mar	21 Apr		21 Apr	22 Apr	10 May	19 May	25 Apr	18 Apr	21 Apr	17 Apr
Tree Swallow	15 Mar	10 Mar	14 Mar		13 Mar	24 Mar	15 Mar	<b>26 Feb</b>	12 Mar	<b>3 Mar</b>	11 Mar	21 Mar
N. Rough-winged Swallow	15 Apr	<b>1 Apr</b>	4 Apr		21 Apr	2 May	27 Apr	23 Apr	1 Apr	3 Apr	14 Apr	15 Apr
Bank Swallow	25 Apr	21 Apr	24 Apr		26 Apr	26 Apr	11 May	22 Apr	27 Apr	16 Apr	25 Apr	25 Apr
Cliff Swallow	25 Apr	12 Apr	24 Apr		24 Apr	5 May	10 May	12 May	5 May	28 Apr	29 Apr	27 Apr
Barn Swallow	15 May	1 Apr	2 Apr		1 Apr	20 Apr	22 Apr	22 Apr	14 Apr	16 Apr	15 Apr	11 Apr
House Wren	26 Apr	21 Apr	22 Apr		25 Apr	27 Apr	30 Apr	24 Apr	28 Apr	23 Apr	25 Apr	22 Apr
Ruby-crowned Kinglet	5 Apr	8 Apr	28 Mar		8 Apr	3 Apr	23 Apr	3 Apr		13 Mar	3 Apr	6 Apr
Blue-gray Gnatcatcher	22 Apr	23 Apr	23 Apr		22 Apr		1 May	27 Apr	18 Apr	14 Apr	22 Apr	21 Apr
Eastern Bluebird		3 Mar			12 Mar	2 Apr	20 Mar				17 Mar	9 Mar
Veery	29 Apr	3 May	28 Apr		7 May	10 May	11 May	8 May	2 May	24 Apr	3 May	2 May
Swainson's Thrush	5 May	7 May	7 May		11 May		15 May	12 May	5 May	2 May	8 May	8 May
Hermit Thrush	27 Mar	31 Mar	31 Mar		<b>29 Mar</b>	6 Apr	<b>7 Apr</b>	10 May		25 Mar	5 Apr	7 Apr
Wood Thrush	28 Apr	27 Apr	28 Apr		2 May	6 May	10 May	29 Apr	29 Apr	22 Apr	30 Apr	29 Apr
Gray Catbird	21 Apr	20 Apr	22 Apr		2 May	9 May	1 May	26 Apr	20 Apr	21 Apr	25 Apr	25 Apr
Brown Thrasher	26 Mar	4 Apr	18 Apr		23 Apr	23 Apr	21 Apr	19 Apr	24 Apr	17 Apr	16 Apr	16 Apr
Blue-headed Vireo	23 Apr	22 Apr	21 Apr		23 Apr	25 Apr	26 Apr	24 Apr	22 Apr	21 Apr	23 Apr	20 Apr
Yellow-throated Vireo	11 May	5 May	24 Apr		1 May	8 May	17 May	28 Apr	28 Apr	23 Apr	2 May	4 May
Warbling Vireo	28 Apr	29 Apr	26 Apr		28 Apr	4 May	<b>23 Apr</b>	24 Apr	25 Apr	24 Apr	26 Apr	1 May
Red-eyed Vireo	3 May	5 May	30 Apr		7 May	10 May	9 May	10 May	2 May	19 Apr	3 May	4 May
Dates in bold type are record early arrivals for the Region.												

Species	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Average	21-Yr. Ave
Tennessee Warbler	4 May	5 May	10 May		8 May	10 May	9 May	29 Apr	29 Apr	1 May	5 May	9 May
Nashville Warbler	27 Apr	27 Apr	5 May		28 Apr	30 Apr	3 May	11 May	26 Apr	20 Apr	4 May	3 May
Northern Parula	4 May	5 May	25 Apr		8 May	11 May	3 May	1 May	1 May	20 Apr	29 Apr	3 May
Yellow Warbler	26 Apr	24 Apr	25 Apr		30 Apr	4 May	4 May	29 Apr	24 Apr	23 Apr	27 Apr	27 Apr
Chestnut-sided Warbler	5 May	5 May	29 Apr		1 May	8 May	5 May	2 May	30 Apr	30 Apr	4 May	3 May
Magnolia Warbler	5 May	9 May	6 May		30 Apr	10 May	3 May	26 Apr	30 Apr	3 May	8 May	5 May
Cape May Warbler	9 May	6 May	10 May		4 May	13 May	5 May	19 May	2 May	8 May	8 May	8 May
Black-thr. Blue Warbler	30 Apr	2 May	1 May		3 May	9 May	8 May	2 May	26 Apr	2 May	1 May	25 Apr
Black-thr Green Warbler	25 Apr	23 Apr	23 Apr		23 Apr	30 Apr	23 Apr	23 Apr	28 Apr	23 Apr	24 Apr	25 Apr
Blackburnian Warbler	26 Apr	1 May	28 Apr		30 Apr	11 May	9 May	30 Apr	28 Apr	28 Apr	1 May	3 May
Pine Warbler	31 Mar	5 Apr	3 Apr		9 Apr	22 Apr	22 Apr	4 Apr	27 Mar	23 Mar	5 Apr	11 Apr
Palm Warbler	17 Apr	22 Apr	6 Apr		27 Apr	14 Apr	25 Apr	14 Apr	27 Mar	13 Apr	18 Apr	18 Apr
Bay-breasted Warbler	7 May	7 May	10 May		8 May	18 May	10 May	12 May	6 May	10 May	10 May	12 May
Blackpoll Warbler	10 May	12 May	10 May		12 May	23 May	16 May	12 May	8 May	1 May	11 May	12 May
Black-and-white Warbler	27 Apr	27 Apr	23 Apr		30 Apr	29 Apr	2 May	23 Mar	21 Apr	23 Apr	25 Apr	25 Apr
American Redstart	6 May	5 May	28 Apr		2 May	8 May	11 May	3 May	30 Apr	23 Apr	2 May	3 May
Ovenbird	4 May	4 May	30 Apr		28 Apr	7 May	8 May	1 May	28 Apr	24 Apr	1 May	30 Apr
Northern Waterthrush	5 May	5 May	22 Apr		21 Apr	2 May	4 May	29 Apr	23 Apr	21 Apr	26 Apr	26 Apr
Mourning Warbler	16 May	9 May	16 May		10 May	22 May	11 May	12 May	15 May	15 May	15 May	15 May
Common Yellowthroat	30 Apr	3 May	27 Apr		2 May	4 May	11 May	7 May	28 Apr	24 Apr	1 May	30 Apr
Wilson's Warbler	9 May	9 May	7 May		8 May	17 May	12 May	10 May	6 May	2 May	8 May	11 May
Canada Warbler	13 May	8 May	9 May		8 May	19 May	20 May	10 May	12 May	2 May	11 May	11 May
Scarlet Tanager	8 May	7 May	5 May		6 May	9 May	10 May	7 May	5 May	16 Apr	4 May	4 May
Rose-breasted Grosbeak	24 Apr	22 Apr	22 Apr		29 Apr	5 May	2 May	17 Apr	28 Apr	14 Apr	24 Apr	28 Apr
Indigo Bunting	26 Apr	5 May	30 Apr		2 May	8 May	10 May	27 Apr	3 May	16 Apr	30 Apr	4 May
Eastern Towhee	26 Mar	7 Apr	21 Mar		3 Apr	3 Apr	28 Apr	22 Apr	14 Apr	7 Apr	10 Apr	10 Apr
Chipping Sparrow	26 Mar	28 Mar	17 Mar		3 Apr	21 Apr	30 Mar	24 Mar	25 Mar	29 Mar	5 Apr	5 Apr
Vesper Sparrow	2 Apr	8 Apr	29 Mar		1 Apr	2 Apr	20 Apr	22 Apr	12 Apr	8 Apr	11 Apr	11 Apr
Savannah Sparrow	31 Mar	8 Apr	27 Mar		26 Mar	11 Apr	6 Apr	22 Apr	27 Mar	4 Apr	8 Apr	8 Apr
Lincoln's Sparrow	4 May	2 May	28 Apr		7 May	6 May	13 May	21 Apr	20 Apr	1 May	4 May	4 May
White-crowned Sparrow	29 Apr	23 Apr	11 Apr		27 Apr	6 May	1 May	1 Mar	18 Mar	14 Apr	25 Apr	25 Apr
Bobolink	4 May	30 Apr	4 May		4 May	8 May	3 May	4 May	2 May	3 May	2 May	2 May
Baltimore Oriole	30 Apr	1 May	21 Apr		4 May	5 May	3 May	4 May	28 Apr	16 Apr	29 Apr	30 Apr
Overall Average	#REF!	18 Apr	19 Apr		22 Apr	28 Apr	28 Apr	26 Apr	23 Apr	17 Apr	#REF!	23 Apr

Dates in bold type are record early arrivals for the Region.

## Seasonality and Advance

Region	Species Reported	Seasonality vs 1987-2006	Advance (Days)
1	91	-1.43	-2.94
2	92	-2.17	-3.83
3	90	-2.32	-3.68
4	0	-	-
5	93	-0.93	-0.44
6	79	-3.06	5.42
7	91	-2.91	6.21
8	87	0.57	3.29
9	77	1.86	0.97
10	81	-0.83	-5.00

With the lack of attempts to estimate arrivals in several Regions, seasonality for those Regions and advance for all Regions may mean little.

Possible number of species = 93.

Minus = this year earlier than the 20-year average for the Region under Seasonality or this Region's average earlier than the 10-region average for this year under Advance.

