

BIRD OBSERVER SUMMARY FOR DECEMBER, 1976

This December was very cold, dry and sunny, with an average temperature of 29°, 4° below normal, making this the 4th consecutive month of comparatively severe weather. Although no temperature records were broken, the range was from 59° on the 7th to 6° on the 14th. The temperatures were low enough during the latter half of the month to freeze most bodies of fresh water by the time of the Christmas Count Period, Dec. 18th - Jan. 2nd. Rainfall totalled 3.35", .89" below normal, with the heaviest fall of 1.14" on the 7th. Snow accumulation totalled 17.2", over double the overall 7.9" average for December, but still 2" short of the 1975 total. The heaviest snowfall occurred on the 29th, when 11.3" fell, the heaviest accumulation for any 24 hour period since the 11.9" that fell Jan. 11th - 12th, 1976.

December 1976 was particularly characterized by a continuation of pelagic species abundance in coastal waters, a surprisingly high number of lingering species in light of the severe nature of the autumn's weather, a reduction in overall freshwater waterfowl concentrations, and a virtual absence of winter finches. Although all of the Christmas Counts were generally adversely affected by the low temperatures and heavy snow accumulations, Cape Cod, Nantucket and Greater Boston nevertheless managed to break individual records for species totals, with counts of 142, 116, and 109, respectively.

Following the renewed abundance of Cory's Shearwaters in local waters this fall, individuals of this species remained in Cape Cod Bay until mid-month, and a record on the 16th is the latest for local waters that the author is aware of. Double-crested Cormorants totalled 9 for the month, which is high compared to the totals for the last three years of 2, 2 and 1.

Topping the list of lingering species was a Green Heron recorded in Orleans on the Cape Cod CBC. The other most noteworthy lingerers were, in taxonomic order, Lesser Yellowlegs, White-rumped Sandpiper, Yellow-bellied Sapsucker, Eastern Phoebe, Wood Thrush, House Wren and Rose-breasted Grosbeak.

Waterfowl were generally present in lower than normal concentrations due to the lack of open fresh water in the interior, while on salt water, in addition to near-normal counts of the more common species, four Harlequin Ducks and four King Eiders were reported. Six Cooper's and five Goshawks were noted during the month; it is difficult indeed to draw any conclusions from these data regarding any trends in the two species' comparative abundance locally. Of two Gyrfalcons seen in December, one frequenting the Plum Island marshes was in the white phase, the predominant breeding form of Greenland. The second bird, recorded at Orleans, was in the more regular dark phase.

Clapper Rails occurred in close to normal numbers despite much freezing over of the coastal spartina marshes, and numerous shorebird species remained late into the month, including two Lesser Yellowlegs, a White-rumped Sandpiper, a probable Semipalmated Sandpiper [in records as *Calidris* (sp?), due to the vast difficulties in separating this from the Western Sandpiper, and to the relative unlikelihood of occurrence of the former species as compared to the latter], and 26 Red Phalaropes, all on the Outer Cape. Killdeer, a species normally quite susceptible to harsh weather, numbered 19 this December, (cf. 24, 42, 115+ for the last three years). Glaucous Gulls were slightly more numerous than usual, with 14 individuals reported, mostly south of their traditional center of abundance at Cape Ann. As Iceland Gulls typically do not arrive in numbers on the North Shore until the third week of January, a count of 20+ at Nantucket on the 31st is significant. Startling was the appearance for the second year running of an Ivory Gull in Massachusetts; on the 10th an immature was found at Annisquam, where it remained throughout the month. Plumage distinctions ruled out the possibility of the reappearance of last year's bird at Salisbury.

The greatest influx of Thick-billed Murres to ever reach Massachusetts began on the 16th - 18th, when 2300+ birds were counted in Rockport and 3000+ were counted in Cape Cod Bay. During the following weeks, Thick-billed Murres were reported from literally everywhere along the Massachusetts coast, from Plum Island to Nantucket, including at least 15 inland reports of disabled (though not oiled) birds from such inland localities as Concord and Billerica. Although a flight of this magnitude is unprecedented for Massachusetts waters, an analogous situation occurred in December, 1973, when an estimated 20,000 Thick-billed Murres were noted passing Brier Island, Nova Scotia, on the eastern shore of the Bay of Fundy. The species is particularly prone to irruptions, assumedly due to such density-dependent causes as localized failure in food supply. The grounding of a large oil tanker 25 miles southeast of Nantucket, and the consequential spillage of approximately 8 million

gallons of oil into the surrounding waters was directly responsible for, among other atrocities, the beaching of roughly 40 Common Murres on Nantucket. This suggests a distinctly pelagic winter distribution of Common Murre, considering that less than 1/3 this number of other species of alcids were recovered oiled in December. In contrast to the above, Dovekies were virtually absent throughout the fall.⁸ A report of 2 immature and 3 adult Puffins at Rockport on the 9th was bizarre.

This is clearly an "off" year for Snowy Owls, as only 2 individuals were found during the month. The Red-bellied Woodpecker in Gloucester continued throughout the month, and Red-headed Woodpeckers were found in North Billerica and Orleans.

From December's CBC totals of passerines, I have compiled comparative totals for Cardinal, Tufted Titmouse and Mockingbird and have found that, from this source of data, it seems that their population levels have reached a saturation point within Massachusetts, although Cardinal has shown a continuing slight increase with totals of 167, 178, 237, and 261 since 1973. Complete data were only available from the Cape Cod, Greater Boston and Quincy Counts.

A House Wren was recorded on the Greater Boston CBC, and Carolina Wrens totalled 18 on the Buzzards Bay Count, a high for the area. This may be the winter that finally halts their continued increase through the past years of mild winters. Cedar Waxwings hit an almost all-time low this winter; it will suffice to state that totals for the Buzzards Bay, Plymouth, Cape Cod and Quincy Counts were 1, 1, 13 and 20 respectively. An average flight of Northern Shrikes occurred, with 6 reported (cf. 4, 13, 5 totals since 1973). Numbers of lingering warbler species were below those of past years, which, again, can be directly attributed to the nature of the season's weather. However, Ovenbirds, which have now occurred annually in December since 1974, were recorded on two counts this year.

"Winter finches" were virtually absent this month, with the exception of scattered flocks of Evening Grosbeaks and four individual Red Crossbills. House Finches continue to increase, at the apparent expense of the Purple Finch population, as can be seen from the following table:

	1973	1974	1975	1976
Purple Finch	213	56	78	74
House Finch	669	473	823	716

(Data obtained from Quincy, Greater Boston and Cape Cod CBC's)

A Green-tailed Towhee frequented a feeder in Wenham for the duration of the month, where it was identifiably photographed for the record. Rufous-sided Towhees were particularly numerous during the month, and, although much data is lacking at the time of this writing, the totals from the Cape Cod and Plymouth Counts are indicative of the situation throughout our area. For the Cape, the totals for 1973-1976 are 3, 8, 3, 16 and for the Plymouth Count, 1975-1976, are 0, 36. Three Grasshopper Sparrows were reported, one as far north as Rockport, augmenting our suspicion that the species is a more regular bird in December in New England than previously believed. Abnormally low numbers of Tree Sparrows occurred on most counts, in contrast to the high numbers of Field Sparrows observed. Numerous observers commented upon the high ratio of Field:Tree Sparrows in feeding flocks, particularly on the coastal plain. Most significant was the very high numbers of White-throated Sparrows noted on CBCs north to Newburyport. Totals for this species for the Quincy, Greater Boston and Cape Cod Counts for 1972-1975 are 359, 314, 390 and 355, respectively. This year, in the same count circles, 1123 individual White-throated Sparrows were found, almost three times higher than the average for the area.

R.R.V.

Common Loon:			
19	Cape Cod	29	CBC
Red-throated Loon:			
19	Cape Cod	15	CBC
Horned Grebe:			
12,23	Barnstable,Plymouth	500+,273	R.Pease,CBC
Red-necked Grebe:			
16,23	Rockport,Plymouth	37,29	R.Veit#,CBC

Pied-billed Grebe:			
19	Eastham, Brewster	12, 26	Cape Cod CBC
Northern Fulmar:			
15, 18, 22	Nantucket Shoals	2, 1, 2	J. Loughlin
<u>Cory's Shearwater:</u>			
4, 15	Barnstable (S.N.)	6, 1	W. Petersen, R. Pease
16	Barnstable (S.N.)	1	R. Pease
Gannet:			
15, 19	Nantucket Shoals, Cape Cod	37, 53	J. Loughlin, CBC
28	Boston (2 mi. from ocean)	1	D. Horn
Great Cormorant:			
18	Quincy	156	CBC
Double-crested Cormorant:			
thr., 1-5	Provincetown, Lakeville	1-2, 1	v.o., J. Flaherty#
18, 19	Buzzards Bay, Boston	1, 2	CBC, CBC
19	Chatham, Orleans	1, 1	V. Laux, C. Goodrich
16, 21	Rockport, Sandwich	1, 1	R. Veit, R. Pease
Great Blue Heron:			
19	Cape Cod	106	CBC
<u>Green Heron:</u>			
19	East Orleans	1	C. Goodrich, J. Harris, W.W. Harrington
Little Blue Heron:			
1	Barnstable	1	R. Pease
Snowy Egret:			
18	Buzzards Bay, N. Falmouth	1, 3	W. Petersen#, R. Veit#
Black-crowned Night Heron:			
8, 19	Nahant, Cape Cod	30, 34	N. Karl, CBC
American Bittern:			
5, 19	E. Boston, Cape Cod	1, 5	R. Stymeist, CBC
Canada Goose:			
15, 19	Lincoln, Cape Cod	1000-1500, 3552	P. Cochis, CBC
American Brant:			
18, 19	Wollaston, Cape Cod	273, 7487	CBC, CBC
Snow Goose:			
8, 11	Hyannisport, Clinton	1, 1	S. Swaabe, H. Merriman
17, 19	Lancaster, Orleans	1, 1	H. Merriman, CBC
Mallard:			
19	Greater Boston	1191	CBC
Black Duck:			
19	Boston, Cape Cod	1837, 4276	CBC, CBC
26	Newburyport	3700	CBC
Gadwall:			
19	Chatham, Orleans	1, 2	CBC
Pintail:			
11, 18	Newburyport, Quincy	1, 1	BBC (P. Alden), CBC
19	Barnstable, Greater Boston	26, 3	R. Pease, CBC
Green-winged Teal:			
19	Cape Cod	42	CBC
Blue-winged Teal:			
16, 19	Bridgewater, Sandwich	5, 1	J. Flaherty, R. Pease#
European Wigeon:			
thr., 26	Nantucket, Assonet	3, 2	E. Andrews#, CBC
American Wigeon:			
11, 19	Scituate, Orleans	12, 65	R. Veit, M. Litchfield; CBC
26	Belmont	12	BBC (R. C'ayton)
Northern Shoveler:			
31	Framingham	1	R. Forster
Wood Duck:			
19, 24	Brookline, Bridgewater	3, 6	CBC, J. Flaherty
Redhead:			
thr., 26	Eastham, Assonet	24, 300	v.o., CBC
Ring-necked Duck:			
19	Eastham	190	CBC
Canvasback:			
3, 19	Braintree, Cape Cod	50, 633	G. Wilson, CBC
26	Assonet	1200	CBC

Greater Scaup:			
18,19	Quincy, Revere-S. Boston	4570, 3304	CBC, CBC
Lesser Scaup:			
19	Chatham	58	CBC
Common Goldeneye:			
18,19	Quincy, Cape Cod	401, 1062	CBC, CBC
19	Greater Boston	694	CBC
Barrow's Goldeneye:			
6-14, 11	Chatham, Rockport	2, 1	B. Nikula#, P. Roberts#
19, 23	Chatham, Plymouth	4, 2	CBC, CBC
Bufflehead:			
18, 19	Quincy, Boston	478, 714	CBC, CBC
19	Cape Cod	1871	CBC
Oldsquaw:			
19	Cape Cod	125	CBC
Harlequin Duck:			
5, 26-30	No. Scituate, Magnolia	1 m.; 1 m., 3 f.	S. Higginbotham#, D. Butler#
Common Eider:			
18, 19	Quincy, Boston	4355, 3346	CBC, CBC
19	Cape Cod, Sandwich-Barnstable	3289, 2731	CBC, R. Pease#
King Eider:			
9-27, 18	Rockport, Quincy	1 f., 2	v.o., CBC
25	Marblehead	1 m.	R. Heil
White-winged Scoter:			
31	Nantucket Sound	4000+	R. Veit, M. Litchfield, A. Salzman
Surf Scoter:			
31	Nantucket Sound	500+	R. Veit, M. Litchfield
Black Scoter:			
31	Nantucket Sound	1500	R. Veit, M. Litchfield, A. Salzman
Ruddy Duck:			
19	Cape Cod	102	CBC
Hooded Merganser:			
1-5, 18	Lakeville, Quincy	7-8, 8	D. Briggs, J. Flaherty; CBC
19	Cape Cod	47	CBC
Common Merganser:			
19, 31	Cape Cod, Somerset	971, 226	CBC, W. Petersen#
Red-breasted Merganser:			
19	Cape Cod, Sandwich-Barnstable	2134, 406	CBC, R. Pease#
27	Kingston	300	I. Campbell
Goshawk:			
5, 18	Gloucester, Hingham	1, 1	G. Gove, CBC
19	Nauset, Charlestown	1 im., 1	CBC, R. Stymeist#
26	Athol	1	CBC
Sharp-shinned Hawk:			
4	Manchester, Middleboro	1, 1	H. Ferris, J. Flaherty#
18, 19	Quincy, Cape Cod	3, 11	CBC, CBC
19, 21	Boston, Norwell	1, 1	D. Brown, B. Litchfield
Cooper's Hawk:			
11, 17	Brookline, Sandwich	1, 1	M. Dickey#, R. Pease
18, 19	Nauset, Lancaster	1, 1	CBC, H. Merriman
Red-tailed Hawk:			
18, 19	Quincy, Boston	11, 20	CBC, CBC
Red-shouldered Hawk:			
12, 25-29	Easton, Bridgewater	1, 1 ad.	D. Clapp, J. Flaherty
Rough-legged Hawk:			
25, 28	Bridgewater, Newburyport	2, 3	L. Resmini, R. Veit
Marsh Hawk:			
19	Cape Cod, Sandwich	8, 21	CBC, R. Pease#
<u>Gyr Falcon:</u>			
15 on, 19	P. I., Orleans Beach	1 (white), 1 (dark)	R. Brophy#, CBC (C. Goodrich)
Merlin:			
19	Orleans Beach, Eastham	1, 1	CBC, CBC
19, 26	Barnstable, Cambridge	1, 1	R. Pease, T. Lawrence
American Kestrel:			
19	Cape Cod, Boston	32, 25	CBC, CBC

Ruffed Grouse:			
18	Quincy	4	CBC
Ring-necked Pheasant:			
19	Boston	121	CBC
Clapper Rail:			
18,19	Cohasset, Cape Cod	1,2	CBC, CBC
23	Plymouth	1	CBC (W. Petersen)
Virginia Rail:			
19,30	Sandwich-Barnstable, S. Peabody	4,7	R. Pease, R. Heil
Sora:			
1-19	Barnstable	1	R. Pease
American Coot:			
5,19	Lakeville, Eastham	210,250	BBC (Athearn), CBC
Killdeer:			
5-19	19 localities	19 individuals	v.o.
Black-bellied Plover:			
5,19	Winthrop, S. Boston	10,2	BBC (R. Stryeist), CBC
19	Orleans Beach	20	CBC
Ruddy Turnstone:			
5,11	Winthrop, N. Scituate	12,60	BBC (R. Stryeist), R. Veit#
American Woodcock:			
4-24	12 localities	13 individuals	v.o.
Common Snipe:			
4,19	S. Peabody, Boston	4,4	R. Heil, CBC
19	Chatham, Brewster	7,4	CBC
Greater Yellowlegs:			
19	Nauset	2	CBC
Lesser Yellowlegs:			
25-31	Eastham	2	D. MacNair#
Red Knot:			
19	Orleans, Revere	12,17	CBC, R. Veit#
Purple Sandpiper:			
11,18	No. Scituate, Quincy	800+, 235	W. Petersen#, CBC
19,24	Winthrop, Cape Ann	134, 200+	CBC, CBC
White-rumped Sandpiper:			
4	Nauset	1	B. Nikula, C. Goodrich
Dunlin:			
5,18	Revere, Quincy	550,573	BBC (R. Stryeist), CBC
19	Cape Cod	885	CBC
Calidris (sp?):			
19	Eastham	1	CBC (C. Goodrich#)
Sanderling:			
19	Revere, Cape Cod	575,1153	CBC, CBC
Red Phalarope:			
19	Eastham	26	CBC (W. Bailey, R. Emery)
Skua (sp?):			
15	Nantucket Shoals	2	J. Loughlin
Glaucous Gull:			
11,12	Cohasset, Eastham	1 im., 1	R. Veit#, W. Bailey
14,16	Manomet, Rockport	1,1	MBO staff, R. Veit
18	Natick, Squantum	2,1	E. Taylor, CBC
19,23	Cape Cod, Plymouth	3,1	CBC, CBC
30	Cape Ann	3	W. Petersen
Iceland Gull:			
31	Nantucket	20	R. Veit, M. Litchfield#
4-28	8 localities	24 individuals	v.o.
Great Black-backed Gull:			
18,19	Quincy, Cape Cod	1611,4669	CBC, CBC
Herring Gull:			
18,19	Quincy, Cape Cod	14450,18465	CBC, CBC
Ring-billed Gull:			
18,19	Quincy, Cape Cod	378,693	CBC, CBC
19	Boston	215	CBC

Black-headed Gull:			
thr.,12	E. Boston, Provincetown	1-5,1	v.o., W. Bailey
18,19	Quincy, Nauset	8,1	CBC, CBC
19,28	Cape Ann, Newburyport	1,1	CBC, R. Veit#
31	Nantucket	1 ad.	R. Veit#
Laughing Gull:			
19	Chatham	1	CBC
Bonaparte's Gull:			
10	Nantucket, Scituate	2500+, 400	E. Andrews#, R. Veit
18,19	Quincy, Cape Cod	190,103	CBC, CBC
Little Gull:			
10,31	Nantucket	1 ad., 2 im.	E. Andrews; R. Veit, M. Litchfield
Ivory Gull:			
10 on	Rockport	1 im.	J. Grugan, L. Crofoot, R. Veit, M. Litchfield#
Black-legged Kittiwake:			
19,27	Cape Cod, Eastham	2382, 60	CBC, W. Bailey
Razorbill:			
16,23	Rockport, Plymouth	185+, 21	R. Veit, CBC
Common Murre:			
6-17	Provincetown	3-4	W. Bailey#
18,23	Eastham, S. Wellfleet	1, 2 oiled	W. Bailey
Thick-billed Murre:			
16,17	Rockport	450+, 2300+	R. Veit; R. Veit, M. Litchfield
18	Eastham, Quincy	3000+, 51	C. Goodrich#, CBC
19	Boston, Cape Cod	108, 900+	CBC, CBC
23	Plymouth	160	CBC
Dovekie:			
18,19	Quincy, Boston	2, 5	CBC, CBC
24	Rockport	140	R. Heil
Black Guillemot:			
thr.	Rockport	10	R. Veit, M. Kasprzyk#
27	Barnstable	1	R. Pease
Common Puffin:			
9,11	Rockport	5, 2	H. Weissberg, P. Roberts
Rose-ringed Parakeet (escape):			
23	Plymouth	2	CBC
Mourning Dove:			
18,19	Quincy, Cape Cod	171, 574	CBC, CBC
Barn Owl:			
12,18	Boston (Long Is.), Milton	1, 1	F. Morrissey#, CBC
Screech Owl:			
19	Boston, Cape Cod	10, 1	CBC, CBC
Great Horned Owl:			
4,18	Concord, Quincy	3, 2	M. Litchfield#, CBC
19	Boston, Cape Cod	7, 10	CBC, CBC
Snowy Owl:			
18,19	Squantum	1	D. Brown#
30	Lexington	1	R. Cowdrey
Barred Owl:			
3-27, 5	Cambridge, Groton	1, 1	J. Orlen#, J. Broyles
Long-eared Owl:			
4,19	S. Peabody, Sandwich	1, 1	R. Heil, R. Pease
25,29	Middleboro, Eastham	1, 1	D. Briggs, D. MacNair
Short-eared Owl:			
18,19	Squantum	2	CBC
Saw-whet Owl:			
23,29	Eastham, Wellfleet	1, 1	D. McNair, W. Bailey#
Belted Kingfisher:			
18,19	Quincy, Cape Cod	5, 34	CBC, CBC
Common Flicker:			
18,19	Quincy, Cape Cod	14, 118	CBC, CBC
Red-bellied Woodpecker:			
thr., 22	Gloucester, Hingham	1, 1	v.o., M. Hall
Red-headed Woodpecker:			
8,15	N. Billerica, Orleans	1, 1	M. Albert, C. Goodrich

Yellow-bellied Sapsucker:			
15,19	Lancaster, Orleans	1,1	H. Merriman, CBC
Hairy Woodpecker:			
18,19	Quincy, Boston	10,17	CBC, CBC
Downy Woodpecker:			
18,19	Quincy, Boston	51,153	CBC, CBC
Eastern Phoebe:			
4-28	Wellfleet	2-1	fide B. Nikula
18	Natick	1	CBC
Horned Lark:			
19	Greater Boston, Cape Cod	84,412	CBC, CBC
26	Ipswich	180	CBC
Gray Jay:			
23-24	Byfield	1	fide R. Stymeist
Blue Jay:			
18,19	Quincy; Boston, Cape Cod	202;475,468	CBC, CBC, CBC
23,26	Plymouth; Athol, Newburyport	996;450,354	CBC, CBC, CBC
Common Crow:			
18,19	Quincy, Boston	423,536	CBC, CBC
Fish Crow:			
18,19	Natick, Boston	50,3	E. Taylor, CBC
Black-capped Chickadee:			
18,19	Quincy; Boston, Cape Cod	319;755,912	CBC, CBC, CBC
26	Athol, Newburyport	329,199	CBC, CBC
Tufted Titmouse:			
18,19	Quincy; Boston, Cape Cod	108;121,10	CBC, CBC, CBC
White-breasted Nuthatch:			
18,19	Quincy, Boston	27,103	CBC, CBC
Red-breasted Nuthatch:			
18,19	Quincy; Boston, Cape Cod	2;23,8	CBC, CBC, CBC
26	Athol, Newburyport	5,5	CBC, CBC
Brown Creeper:			
19	Boston	22	CBC
House Wren:			
19	Winthrop	1	CBC (R. Veit#)
Winter Wren:			
4,10-31	S. Peabody, Lancaster	1,2+	R. Heil, H. Merriman
14	Norwell, Acton	1,1	B. Litchfield, J. Putnam
19	Boston, Cape Cod	3,1	CBC, CBC
Carolina Wren:			
18	Buzzards Bay	18	CBC
Long-billed Marsh Wren:			
19,23	Barnstable, Plymouth	5,1	R. Pease, W. Petersen
Mockingbird:			
18,19	Quincy; Boston, Cape Cod	44;89,142	CBC, CBC, CBC
Gray Catbird:			
3-17,15	Lancaster, Cape Ann	1,1	H. Merriman, P. Butler#
19,30	Cape Cod, Peabody	9,1	CBC, M. Kasprzyk
Brown Thrasher:			
19	Boston, Cape Cod	2,3	CBC, CBC
American Robin:			
19	Boston, Quincy	355,960	CBC, CBC
Wood Thrush:			
3	Milton	1 dead	S. Wachman
Hermit Thrush:			
19	Boston, Cape Cod	10,18	CBC, CBC
27	Boston, Sherborn	1,1	I. Giriuinas, T. Warren
Eastern Bluebird:			
19,23	Sandwich, Plymouth	3,2	R. Pease, CBC
Golden-crowned Kinglet:			
26	Athol, Newburyport	34,20	CBC, CBC
Ruby-crowned Kinglet:			
19	Boston, Cape Cod	1,1	CBC, CBC
Water Pipit:			
5,10	Lancaster, Scituate	1,6	H. Merriman, J. Flaherty
19	Boston, Cape Cod	6,9	CBC, CBC

Cedar Waxwing:			
18,19	Quincy,Cape Cod	20,13	CBC,CBC
Northern Shrike:			
5	Carlisle,Gloucester	1,1	K.Harte,H.Wiggin#
16,19	Bridgewater,Sandwich	1,1	J.Flaherty,R.Pease
26,28	Athol,P.I.	1,1	CBC,R.Veit#
Starling:			
19	Boston	85000	CBC
Orange-crowned Warbler:			
19	Cape Cod	2	CBC
Yellow-rumped Warbler:			
12,19	Scusset Beach,Cape Cod	250+,920	W.Petersen,CBC
Pine Warbler:			
19,23	Cape Cod,Plymouth	1,1	CBC,CBC
Palm Warbler:			
19	Sandwich,Cape Cod	1,3	J.Clancy,CBC
Ovenbird:			
18,19	Worcester,Cape Cod	1,1	CBC,CBC
Common Yellowthroat:			
19	Boston,Cape Cod	1,4	CBC,CBC
Yellow-breasted Chat:			
18,19	Buzzard's Bay,Cape Cod	2,3	CBC,CBC
26	W.Newbury	1	CBC
18,19	Worcester,Cape Cod	1,1	CBC,CBC
Common Yellowthroat:			
19	Boston,Cape Cod	1,4	CBC,CBC
Yellow-breasted Chat:			
18,19	Buzzard's Bay,Cape Cod	2,3	CBC,CBC
26	W.Newbury	1	CBC
Eastern Meadowlark:			
19	Sandwich,Cape Cod	14,208	R.Pease,CBC
Redwinged Blackbird:			
thr.	Middleboro	150+	D.Briggs
Northern Oriole:			
19,24	Cape Cod,Framingham	2,1	CBC,A.Follin
Rusty Blackbird:			
thr.,4	Middleboro,S.Peabody	1,1	D.Elkin,R.Heil
16	Orleans	20	C.Goodrich
Common Grackle:			
thr.,19	Orleans,Sandwich	1000,150+	fide B.Nikula,R.Pease
Brown-headed Cowbird:			
thr.,18	Middleboro,Quincy	130+,33	D.Briggs#,CBC
26	Athol,Newburyport	70,261	CBC,CBC
Cardinal:			
18,19	Quincy;Boston,Cape Cod	51;108,126	CBC,CBC,CBC
26	Athol,Newburyport	35,48	CBC,CBC
Rose-breasted Grosbeak:			
19 on	Hudson	1 f.	S.Ford
Dickcissel:			
thr.,5-13	Middleboro,Scituate	1,1	C.Corwin,L.Burbank
11,15	Marshfield,Rockport	1,1	W.Harrington,O.Norris
Evening Grosbeak:			
thr.	Middleboro,Lakeville	60+,50-60	D.Briggs#
26	Athol,Newburyport	1387,158	CBC,CBC
Purple Finch:			
18,19	Quincy;Boston,Cape Cod	15;16,27	CBC,CBC,CBC
26	Athol,Newburyport	4,22	CBC,CBC
House Finch:			
18,19	Quincy;Boston,Cape Cod	127;226,540	CBC,CBC,CBC
31	Lancaster(first record)	?	H.Merriman
Pine Siskin:			
10,19	S.Wellfleet,Melrose	3,4	W.Bailey,CBC
20 on	Middleboro	6-12	D.Briggs
American Goldfinch:			
19	Boston,Cape Cod	420,290	CBC,CBC
26	Athol,Newburyport	236,322	CBC,CBC

Red Crossbill:			
4,11	Rockport, Brookline	1,1	H. Ferris, M. Dickey
19	Eastham	3	CBC
Green-tailed Towhee:			
26	Wenham	1	CBC (Mrs. Whipple#)
Rufous-sided Towhee:			
19,23	Cape Cod, Plymouth	16,36	CBC, CBC
28	Millis	5	J. Marshall
Savannah Sparrow:			
19	Cape Cod	37	CBC
Grasshopper Sparrow:			
24,25-29	Rockport, Wellfleet	1,2	R. Heil, M. Kasprzyk; D. McNair
Sharp-tailed Sparrow:			
19	Nauset, Eastham	3,1	CBC, CBC
19	Sandwich-Barnstable	1	R. Pease#
Seaside Sparrow:			
19	Nauset	10	CBC
Dark-eyed Junco:			
18,19	Quincy, Boston	388,799	CBC, CBC
26	Athol	627	CBC
Tree Sparrow:			
18,19	Quincy, Boston	120,242	CBC, CBC
19,26	Cape Cod, Newburyport	6 (low), 207	CBC, CBC
Chipping Sparrow:			
17,19	Lancaster, Sandwich	1,2	H. Merriman, R. Pease#
19,26	Orleans Beach, Littleton	2,1 im.	CBC, J. Baird
26	W. Newbury	1	CBC (R. Stymeist#)
Field Sparrow:			
18,19	Quincy, Boston	14,31	CBC, CBC
19,23	Cape Cod, Lancaster	21,20	CBC, H. Merriman
White-crowned Sparrow:			
14-21,19	Groton, Waltham	3,1	K. Janes, J. Broyle; J. Hines
19	Chatham, Manchester	3,1	CBC, BBC (G. Hotz)
23,26	Plymouth, Wayland	1,1	CBC, H. Parker
26	Athol	1	CBC
White-throated Sparrow:			
18,19	Quincy, Boston	166,472	CBC, CBC
19,26	Cape Cod, Athol	485,118	CBC, CBC
Fox Sparrow:			
18,19	Quincy, Boston	7,28	CBC, CBC
19	Cape Cod	12	CBC
Swamp Sparrow:			
18,19	Quincy, Boston	18,55	CBC, CBC
19	Cape Cod	56	CBC
Song Sparrow:			
19	Boston, Cape Cod	345,268	CBC, CBC
Snow Bunting:			
5,18	Concord, Hanover	300,70	H. Ferris, CBC



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