

BIRD SIGHTINGS

JANUARY/FEBRUARY 1998

SUMMARY

By Marjorie W. Rines, Simon A. Perkins, and Robert H. Stymeist

January and February were both unseasonably mild. In January the temperature averaged 33.9°, 5.3° above normal, ranking the month as the seventeenth mildest in 128 years of official records for Boston. The temperature in February averaged 35.3°, a full 5° above normal, and tied for the eighth warmest February of record. January 1 was awful, the coldest and windiest day of the month, and so the start of the new year for birders was rough, but full of good birds. Rainfall for both months exceeded the norm, with 4.76 inches in January (1.17 inches above average), and 5.54 inches in February (1.92 inches above normal). Snowfall totaled 9.8 inches in January, 2.9 inches less than normal. In February, snowfall was barely measurable at 0.3 inch, 11.2 inches less than average. The Blue Hills Observatory in Canton recorded the warmest winter of record, going back to 1886. R. H. S.

LOONS THROUGH ALCIDS

Four different loons reported as **Pacifics** were found during the period. Until Pacific Loon has been added to the state list by the MARC, Bird Observer will publish all loons reported as Pacific as **Arctic/Pacifics**. The relatively mild temperatures this winter resulted in Quabbin Reservoir remaining largely ice-free throughout the period. Consequently, Common Loons, Ring-necked Ducks, and Common Goldeneye were able to linger there later than usual. The **Eared Grebe** that returned to East Gloucester last fall remained there through the period. While Northern Fulmar was reported in above-average numbers in February (though, curiously, it was unreported in January), the real stand-out among tubenoses was a Sooty Shearwater seen from First Encounter Beach in Eastham on January 17. This represented the fifth winter record for this species in the state. Food for thought: an astonishing first Atlantic Ocean occurrence of Short-tailed Shearwater was reported off North Carolina several months earlier. Following reports in November of a Brown Booby in Nantucket came word of an immature **Brown Pelican** that was observed fishing in the surf on the south shore of Nantucket on two consecutive days in January. Not surprisingly, this bird represented the first winter record for the species in the state. Boobies, shearwaters, and pelicans? Somehow, El Nino must fit into the equation somewhere.

Sightings of **Black Vultures** are becoming increasingly frequent in Massachusetts. Assuming that two reports six weeks apart in different towns on Martha's Vineyard involved the same bird, three different individuals were present during the period.

The only report of **Greater White-fronted Goose** came from West Bridgewater. The aforementioned mild conditions also allowed above-average numbers of certain species of waterfowl to remain north of Boston late into the winter season: Gadwall, Northern Pintail, Green-winged Teal, Ring-necked Duck, Lesser Scaup, Hooded Merganser, and American Coot. Most of the state's wintering **Eurasian Wigeons** occur in southeastern Massachusetts, so a drake in Newburyport was noteworthy. The recent and apparently inexplicable increase in the numbers of **Tufted Ducks** in southern New England, resulted this winter in reports of at least three different individuals, including a female in Westport. Another recent trend in local duck numbers has involved a range extension (or shift) of wintering Common Eider from the waters around the Cape and Islands, westward toward Rhode Island. A count of roughly 10,000 eiders in Westport was indicative of this pattern. Wintering Harlequin Ducks continue to increase in numbers, as evidenced by a count of 59 around Rockport, a high total for that locale.

Twelve Northern Harriers at one site in Marshfield represented a very high total. Fifteen to twenty years ago, Cooper's Hawk was very scarce in New England. But, now it is nearly as common as Sharp-shinned Hawk in winter and, as a nesting species, it has become more common than Sharp-shinned. In late February, two adult Northern Goshawks were observed in nuptial flight in Lincoln, and Merlins were well reported throughout the period. A **Gyrfalcon**, first found at Logan Airport January 10, remained through the rest of the period (and beyond). During its prolonged stay, birders had numerous opportunities to study this elusive arctic visitor. Another (?) Gyr put in a more typical one-day appearance in Marshfield.

Despite numerous failed attempts dating back several decades, the Wild Turkey reintroduction program has recently gathered tremendous momentum in eastern Massachusetts and has become a smashing success.

Among shorebirds, other apparent by-products of the mild winter were a Semipalmated Plover in Eastham, the continued presence from December (see previous summary) of Whimbrel, **Bar-tailed Godwit**, Marbled Godwit, Least Sandpiper, and early displaying American Woodcocks.

The best gull show in the state is often at the southeast corner of Nantucket, and this year was no exception. Found among the throng early in January were 7 Little Gulls, 3 Black-headed Gulls, (very) roughly 10,000 Bonaparte's Gulls, 40 Iceland Gulls, and at least two Lesser Black-backed Gulls. Large numbers of Black-legged Kittiwakes were reported from Rockport and various points around Cape Cod.

In most years, Dovekies are very scarce after December. But this year they were found in above-average numbers throughout the winter. Also, Thick-billed Murres were much more numerous than in any year since the anomalous winter of 1976-77. In winters during which sandlance are abundant off the outer shores of Cape Cod, Razorbill numbers can be impressive. A tally of 3,000 in early January this year was one of at least five counts that involved a thousand or more birds. **Atlantic Puffins** are rarely seen from land in Massachusetts because most of them typically winter far at sea in the waters over the margins of the continental shelf. Therefore, two off Rockport in February were especially noteworthy. Yet the puffins paled in comparison to the **Ancient Murrelet** that was observed January 4 off Race Point in Provincetown. This most recent sighting followed by a mere six years the observation of another Ancient Murrelet off Rockport, a bird that represented the first record for the Atlantic Seaboard.

S. A. P.

Date	Location	Number	Observers	Date	Location	Number	Observers
Red-throated Loon				2/5	Rockport (A.P.)	4	R. Heil
1/4	Eastham	5	D. Larson#	2/6	Eastham (F.E.)	7+	B. Nikula
1/11	Boston H.	20	TASL (M. Hall)	2/13	M.V.	1	R. Kelley
1/19	Westport	8	M. Lynch#	2/18	Rockport (A.P.)	78	R. Heil
2/7	P'town (R.P.)	10	G. Wood	2/24	Rockport (A.P.)	237	R. Heil
2/8	Boston H.	7	TASL (M. Hall)	2/25	Eastham (F.E.)	8	A. Strauss
Arctic/Pacific Loon (details submitted)				Sooty Shearwater			
1/11	Hull	1	D. Oliver#	1/17	Eastham (F.E.)	1	B. Nikula
1/17	P'town	1 ad	M. Sylvia	Northern Gannet			
1/18	Nantucket	1	F. Gallo	1/1	Truro-P'town	500+	M. Lynch#
2/7	Gay Head	1	B. Zuzavich#	2/5	Rockport (A.P.)	4	R. Heil
Common Loon				2/22	P'town	86	D. F. Oliver#
1/3	Salisbury B.	12	J. Berry	2/25	Eastham (F.E.)	25	A. Strauss
1/4	Nant. Sound	43	G. d'Entremont	Brown Pelican			
1/11	Boston H.	10	TASL (M. Hall)	1/12-13	Nantucket	1 imm	E. Andrews, R. Veit
1/19	Cape Ann	41	R. Heil	Great Cormorant			
1/22	P.I.	39	R. Heil	1/1	Quabbin (G35)	1	D. Small
2/1	Quabbin (G 43)	8	R. Heil	1/4	Sharon	2	S. Arena
2/8	Boston H.	8	TASL (M. Hall)	1/11	Boston H.	16	TASL (M. Hall)
2/16	Plymouth	15	M. Lynch#	1/19	Cape Ann	95+	R. Heil
Pied-billed Grebe				1/19	Newbypt	27	J. Berry
1/2	Plymouth	1	J. + D. Lounsbury	2/1	Amesbury	34	D. F. Oliver#
1/3	Wareham	1	K. Anderson	2/16	Plymouth	61	M. Lynch#
1/3	Marstons Mills	2	E. Salmela#	2/21	Boston H.	50	S. Zende#
1/12	P.I.	4	W. Drew#	Double-crested Cormorant			
1/30	Oak Bluffs	1	M. Pelikan	1/1	Plymouth	2	G. d'Entremont#
2/7	Falmouth	2	F. Bouchard#	1/1	Cambridge	6	R. Stymeist
Horned Grebe				1/2	Marlboro	1	S. + L. Hennin
1/4	Brockton	1	S. Arena	1/10	Woods Hole	1	B. Nikula#
1/11	Boston H.	170	TASL (M. Hall)	2/13	Medford	4	M. Rines
1/19	Cape Ann	44	R. Heil	American Bittern			
1/22	P.I.	23	R. Heil	1/11	Eastham (F.H.)	2	J. Trimble #
2/8	Boston H.	149	TASL (M. Hall)	1/22	Nantucket	1	E. Ray
2/14	Newbypt/P.I.	30	T. Maloney#	1/25	Rowley	1	J. Berry
2/16	Plymouth	38	M. Lynch#	Great Blue Heron			
2/22	Wellfleet	20	D. F. Oliver#	1/11	Boston H.	7	TASL (M. Hall)
Red-necked Grebe				1/19	Westport	9	M. Lynch#
1/3	Salisbury B.	10	J. Berry	Black-crowned Night-Heron			
1/4	P'town (R.P.)	40+	B. Nikula#	1/2	Nantucket	1	G. d'Entremont#
1/11	Boston H.	57	TASL (M. Hall)	1/2	Lynn	2	J. MacDougall
1/15	Cape Ann	12	J. Brown#	1/14	Newton	6	H. Miller
1/17	Winthrop B.	105	F. Bouchard	1/29	Boston	1	L. Kaplan
1/19	Cape Ann	36	R. Heil	1/30	Oak Bluffs	2	M. Pelikan
2/8	Boston H.	21	TASL (M. Hall)	Black Vulture			
2/16	Plymouth	15	M. Lynch#	thr	Randolph	1	N. Smith
Eared Grebe				1/1	Edgartown	1	A. Keith + v.o.
thr	E. Gloucester	1	J. Soucy + v.o.	1/13	Groton	2	T. Pirro
Northern Fulmar				2/18	W. Tisbury	1	G. Daniels
2/5	Barnstable (S.N.)	2	A. Strauss	2/25	Westwood	1	J. Clancy

Turkey Vulture				1/18	Falmouth	8	S. + L. Hennin
1/14	Worcester	1	J. Liller	1/30	P.I.	6	R. Lockwood#
1/24	Westport	34	BBC (R. Stymeist)	2/7	Lakeville	44	BBC (R. Finch)
1/31	Quincy	2	N. Smith	American Black Duck			
2/3	Winchester	1	D. + I. Jewell	1/1	Plymouth	800+	M. Lynch#
2/10	Wayland	2	N. Patterson	1/11, 2/8	Boston H.	1286, 967	TASL (M. Hall)
2/16	Attleboro	2	K. Meyer	1/12, 2/23	P.I.	1660, 560	W. Drew#
2/17	Osterville	2	S. Miller#	1/19	Westport	760	M. Lynch#
2/20	Needham	3	J. Samelson	2/8	Rowley	500	J. Berry
Greater White-fronted Goose				2/16	Plymouth	580+	M. Lynch#
1/11	W. Bridgewater	1	S. Arena	2/20	Newbypt H.	600	S. Perkins#
Snow Goose				Northern Shoveler			
thr	P.I.	7	W. Drew + v.o.	1/1	Boston	1 m	R. Stymeist
1/1	New Bedford	1	M. Boucher	1/3	Marston's Mill	3	BBC (R. Finch)
1/5	Chilmark	12	M. Pelikan	1/31	Worcester	1 f	S. + L. Hennin
1/10	W. Bridgewater	1	M. Faherty	1/4-8	Kingston	1 m	D. Ludlow
1/29	Nantucket	3	fide E. Ray	2/1	Seekonk	1 m	M. Boucher
2/8	Boston H.	1	TASL (M. Hall)	2/1	Boston	1	D. F. Oliver#
Canada Goose				Northern Pintail			
1/4	Newbypt	1000+	J. Berry	1/2	Marlboro	2	S. + L. Hennin
1/10	W. Bridgewater	800	S. Arena	1/6	P.I.	25	R. Heil
1/11	Boston H.	580	TASL (M. Hall)	1/19	W. Newbury	3 m	M. Rines
2/1	Westport	1305	M. Boucher	2/1	Seekonk	9	M. Boucher
2/9	P.I.	1685	W. Drew#	2/8	Rowley	2	J. Berry
Brant				2/8	Halifax	14	R. Finch
1/11	Boston H.	1334	TASL (M. Hall)	2/11	Brookline	2	N. Miller
2/8	Boston H.	1070	TASL (M. Hall)	2/23	P.I.	20	W. Drew#
2/14	Newbypt H.	6	T. Maloney	2/26	W. Bridgewater	6	M. Faherty
2/16	Plymouth	859	M. Lynch#	2/28	Concord (NAC)	6	S. Perkins#
2/28	Essex	53	P. + F. Vale	2/8, 14	Marlboro	2	E. Taylor
2/28	Salisbury	25	D. Hill	Green-winged Teal			
Mute Swan				thr	Cambridge	11 max	J. Campbell
1/3	Wareham	43	K. Anderson	1/1	Marstons Mills	13	M. Lynch#
2/7	Lakeville	14	BBC (R. Finch)	1/1	Ipswich	1 m	J. Berry
2/8	Boston H.	16	TASL (M. Hall)	1/2	Marlboro	2	S. + L. Hennin
Whooper Swan				1/31	Boston	2	M. Faherty#
thr	Ipswich	1-5	J. Berry	2/8	Chatham	30	E. Banks #
2/1	P.I.	4	J. Berry	2/16	Newbypt	1 m	R. Cressman
Wood Duck				2/21	Wakefield	1	P. + F. Vale
1/31	Boston	3	M. Faherty#	2/26	W. Bridgewater	4	M. Faherty
2/9	Woburn	2	D. + I. Jewell	2/26	Newbury	2	S. Perkins#
2/14	Wakefield	2	I. Giriunas	2/28	Concord (NAC)	5	S. Perkins#
2/18	Lakeville	1	K. Holmes	Canvasback			
2/28	W. Bridgewater	4	M. Maurer#	1/3	Wareham	24	K. Anderson#
2/28	GMNWR	8	S. Perkins#	1/3	Falmouth	72	BBC (R. Finch)
2/28	Concord (NAC)	9	S. Perkins#	1/4	Braintree	1	S. Carey
Gadwall				1/9	Plymouth	4	M. Faherty
thr	Arlington	2-8	K. Hartel	1/10	Braintree	1	S. Carey
1/9	Marstons Mills	28	S. Smolen-Morton	1/10	Nantucket	250	BBC (H. Cramer)
1/12	P.I.	22	M. Lynch#	1/11	Boston H.	2	TASL (M. Hall)
1/14	N. Plymouth	45	R. Turner	1/12	Wareham	122	R. Turner
1/17	Gloucester	51	R. Stymeist#	1/18	Falmouth	38	M. Lynch#
1/20	Peabody	1	R. Heil	2/3	Westport	265	M. Boucher
2/1	Seekonk	12	M. Boucher	2/16	Lakeville	50	H. Coolidge#
2/6	Quincy	2	R. Parsons	Redhead			
2/12	DWWS	26	Dan Furbish	1/1-2/2	Plymouth	1	v.o.
2/14	Gloucester	45	G. d'Entremont#	1/3	Falmouth	1	BBC (R. Finch)
Eurasian Wigeon				2/15	Nantucket	22	E. Ray
1/2	Newbypt	1	J. McLaughlin	2/16	Edgartown	12	A. Keith#
1/12	Fairhaven	1 m	M. Boucher	2/16	Lakeville	4	H. Coolidge#
1/1-2/19	Oak Bluffs	1 m	G. Daniels	Ring-necked Duck			
2/1	Marstons Mills	1	S. Miller#	1/1	Quabbin (G35)	6	D. Small
2/8	Chatham	3 m	E. Banks#	1/1	Plymouth	2	R. Lockwood#
2/19-28	Carver	1 m	M. Sylvia	1/3	S. Carver	4	K. Anderson#
American Wigeon				1/10	Peabody	22	D. + I. Jewell
thr	Arlington	12 max	K. Hartel	1/10	Framingham	6	E. Taylor
1/1	Wareham	36	M. Boucher	1/18	Falmouth	6	S. + L. Hennin
1/3	Newbypt	8	J. Brown#	1/23	Easton	4	S. Arena
1/4	Eastham	21	D. Ludlow	1/26	Medford	8	M. Rines
1/9	Plymouth	25	M. Faherty	2/7	Lakeville	45	BBC (R. Finch)
1/11	M.V.	15	V. Laux#	2/27	W. Bridgewater	20	S. Arena
1/13	Wareham	43	R. Turner	2/8, 28	Framingham	50, 15	E. Taylor

Tufted Duck

1/1-2/7 Bourne	1	N. Paulson + v.o.
1/3 Wachusett Res.	1 m	D. + I. Jewell
2/3 Westport	1 f	M. Boucher

Greater Scaup

1/1 Plymouth	20	R. Lockwood#
1/11 Boston H.	167	TASL (M. Hall)
1/18 Falmouth	600+	M. Lynch#
2/3 Westport	25	M. Boucher
2/7 Falmouth	500	F. Bouchard#
2/8 Boston H.	365	TASL (M. Hall)
2/16 Edgartown	300+	A. Keith
2/16 Lakeville	250	H. Coolidge#

Lesser Scaup

1/1 Hingham	20	J. Melithoniotes
1/3 Plymouth	2	P. + F. Vale
1/11 P.I.	3	N. Paulsen
1/11 Waltham	1 m	S. Perkins
1/18 Falmouth	5+	M. Lynch#
2/4 Lynn	2	R. Heil

King Eider

1/1-24 Ipswich	2	J. Berry
1/1-2/20 Nahant	1 m	L. Pivacek
1/3 Sandwich	1 f	K. Anderson#
1/4 P.I.	1	J. Brown#
1/11 Boston H.	1	TASL (M. Hall)
1/11 Orleans	1 imm	mB. Nikula#
1/11 Nahant	1 f	R. Stymeist#
1/19-2/7 Gloucester	1 m, 2 f	R. Heil + v.o.
2/14, 22 Winthrop	1 f	M. Lynch#
2/28 Orleans	5	J. Trimble

Common Eider

1/1 Plymouth	1000+	N. Paulson
1/11 Boston H.	12494	TASL (M. Hall)
2/1 Westport	10,000+	M. Boucher
2/8 Boston H.	9199	TASL (M. Hall)
2/16 Ipswich	500	BBC (J. Berry)
2/16 Plymouth	4445	M. Lynch#
2/20 Newbypt	850	R. Heil

Harlequin Duck

thr Rockport	59	v.o.
1/3 P'town	1 f	R. Stymeist
1/4 N. Scituate	5	D. Oliver#
1/5 M.V.	2 m	M. Pelikan
1/19 Westport	1	M. Lynch#
1/30 Oak Bluffs	3	M. Pelikan
2/22 P'town H.	1 f	B. Nikula
2/28 Orleans	3	J. Trimble

Surf Scoter

1/11 Boston H.	155	TASL (M. Hall)
1/19 Westport	25	M. Lynch#
2/8 Boston H.	55	TASL (M. Hall)
2/16 Plymouth	153	M. Lynch#

White-winged Scoter

1/11 Boston H.	1477	TASL (M. Hall)
1/19 P.I.	20	P. + F. Vale
1/31 Rockport	30+	J. Berry
2/8 Boston H.	504	TASL (M. Hall)
2/16 Plymouth	265	M. Lynch#
2/20 Newbypt	65	R. Heil

Black Scoter

1/11 Boston H.	12	TASL (M. Hall)
1/19 Westport	60+	M. Lynch#
2/5 Rockport (A.P.)	29	R. Heil
2/7 Gay Head	9	F. Bouchard#
2/8 Boston H.	4	TASL (M. Hall)
2/16 Plymouth	51	M. Lynch#
2/28 Gloucester	4	R. Lockwood#

Oldsquaw

1/10 Rockport (A.P.)	8	P. + F. Vale
1/11 Boston H.	19	TASL (M. Hall)
1/11 Duxbury	35	E. Neumuth

2/5 Barnstable (S.N.)	3	A. Strauss
2/8 Boston H.	34	TASL (M. Hall)
2/21 P.I.	26	R. Lockwood#
2/28 Rockport	5	R. Lockwood#

Bufflehead

1/11 Boston H.	1573	TASL (M. Hall)
1/19 Westport	355	M. Lynch#
1/22 Newbypt	235	R. Heil
2/8 Boston H.	1080	TASL (M. Hall)
2/11 M.V.	200+	M. Pelikan
2/16 Plymouth	470	M. Lynch#

Common Goldeneye

1/1 Quabbin (G35)	10	D. Small
1/10 Braintree	15+	S. Carey
1/11 Boston H.	933	TASL (M. Hall)
1/19 Westport	165	M. Lynch#
2/8 Framingham	8	E. Taylor
2/8 Boston H.	627	TASL (M. Hall)
2/9 P.I.	35	W. Drew#
2/11 M.V.	30	M. Pelikan
2/16 Plymouth	234	M. Lynch#
2/20 Newbypt	650	R. Heil
2/27 W. Bridgewater	15	S. Arena
2/28 GMNWR	8	S. Perkins#

Barrow's Goldeneye

thr Winthrop	1 m	v.o.
thr Gloucester	3 max	v.o.
1/1 Ipswich	1 m	J. Berry
1/2 Salisbury	1	J. McLaughlin
1/10 Nantucket	1	BBC (H. Cramer)
1/12-27 Salem	2	L. Healey
1/18 Rowley	1	R. Cech
1/19 Centerville	1 f	B. Nikula#
1/29 Essex	1 m	R. Heil
2/1 P.I.	1 m	J. Berry
2/4 Barnstable	1 m	B. Good
2/15 M.V.	2	S. Moore#
2/28 Westboro	1 m	E. Taylor

Hooded Merganser

1/1 Boston	28	R. Stymeist
1/1 Bourne	25+	M. Lynch#
1/3 Plymouth	10	P. + F. Vale
1/3 Wareham	30	K. Anderson#
1/3 S. Carver	26	K. Anderson#
1/31 Worcester	13	S. + L. Hennin
2/3 Brookline	20+	B. Mayer
2/7 Lakeville	18	BBC (R. Finch)
2/8 Winchester	11	M. Rines
2/22 Melrose	13	D. + I. Jewell

Red-breasted Merganser

1/11 Boston H.	745	TASL (M. Hall)
1/19 Westport	130	M. Lynch#
2/7 P'town (R.P.)	500	G. Wood
2/8 Boston H.	662	TASL (M. Hall)
2/16 Plymouth	328	M. Lynch#

Common Merganser

1/1 Plymouth	200	M. Faherty#
1/1 Bourne	50+	M. Lynch#
1/9 Lakeville	450	K. Anderson
1/20 Lynn	29	R. Heil
2/1-28 Sharon	120 max	S. Arena
2/7 Lakeville	130	BBC (R. Finch)
2/8 Arlington	271	M. Rines
2/13 Andover	80	E. Stromsted
2/21 Pepperell	130	E. Stromsted
2/25 Wayland	61	N. Patterson
2/27 Brewster	50+	J. Sones
2/28 Peabody	43	P. + F. Vale
2/28 W. Boxford	96	T. Walker

Ruddy Duck

1/4 Eastham	58	D. Ludlow
1/4 Peabody	8	P. + F. Vale

Ruddy Duck (continued)			
1/4	Cambridge	13	L. Kaplan
1/10	Peabody	27	D. + I. Jewell
1/14	Lynn	4	I. Lynch
1/15	Arlington	19	M. Rines
1/19	Boston	29	P. Fitzgerald
1/20	Lynn	6	R. Heil
1/4-5	Cambridge	13	L. Kaplan
2/15	Brookline	17	G. d'Entremont
2/15	Nantucket	4	E. Ray
2/19	Andover	4	E. Stromsted
Bald Eagle			
1/9	Lakeville	3	K. Anderson
1/10	Newbypt	4	S. + S. Grinley
1/11	Quabbin (G37)	4-5	E. Nielsen#
1/17	S. Middleboro	1 ad	S. Arena
1/18	Amesbury	2	P. + F. Vale
1/21	Rosindale	1	K. Ryan
1/21	Westwood	1 imm	T. Raymond
1/23	Lawrence	1 ad	J. Hogan
1/26	W. Newbury	2	R. Dennett
1/29	Methuen	2 ad	A. Kaminsky
2/3	Waltham	1 imm	L. Harvey
2/6	Chilmark	1 ad	T. Rich
2/9	Lowell	2	R. Letender
2/13	Tyngsboro	1	D. Pile
2/15	Plymouth	1	R. Holmes
2/20	Groton	1 ad	T. Pirro
2/21	Wayland	1 ad	N. Patterson
2/28	W. Bridgewater	1 imm	M. Maurer#
1/25	Wrentham	1	E. Swanson
1/27	Uxbridge	1	G. Bronnes
1/28	Newbypt H.	2	B. Gette
1/30	P.I.	1	P. Roberts
Northern Harrier			
thr	DWWS	12 max	D. Furbish
thr	Cumb. Farms	4 max	K. Anderson
thr	P.I.	4 max	R. Heil
thr	W. Bridgewater	4 max	S. Arena
1/17	P'town	2	M. Sylvia
1/22	Wareham	5	M. Sylvia
2/16	Ipswich	2	BBC (J. Berry)
1/31	Barnstable (SN)	4	H. Ferguson
Sharp-shinned Hawk			
thr	Reports of indiv. from 26 locations		
1/19	Salisbury B.	2	J. Berry
1/22	Newbypt	3	R. Heil
2/20	Woburn	2	M. Rines
2/26	Newbury	2	S. Perkins#
Cooper's Hawk			
thr	Reports of indiv. from 20 locations.		
1/10-11	Hanover	2	S. Katz
Northern Goshawk			
1/11	Quabbin (G37)	2 ad	E.. Nielsen#
1/16	Princeton	1 ad	T. Mongeon
1/28	Plymouth	1	D. Peacock
2/1	Groton	1	D. Fischi
2/7	HRWMA	1 ad	T. Pirro
2/12	Fitchburg	1 imm	T. Brownrigg
2/18	Halifax	1	K. Holmes
2/20	Carlisle	1	J. Innella
2/21	Salisbury	1 ad	R. Lockwood#
2/27	E. Boxford	1	J. Brown#
2/28	Lincoln	2 ad	R. Walton
Red-shouldered Hawk			
thr	Gardner	1	T. Pirro
thr	E. Middleboro	2	K. Anderson
thr	Easton	1 ad	S. Arena
1/17	S. Middleboro	1	ABNC (S. Arena)
1/22	Wareham	1	M. Sylvia
2/1	Westport	1	M. Boucher
2/4	Westminster	1 ad	J. Kricher
2/7	Lakeville	2	BBC (R. Finch)
2/13	Mattapoisett	1	M. LaBossiere
2/14	Winthrop	1	M. Lynch#
2/17	Arlington	1 imm	M. Rines#
2/20	Pembroke	pr	D. Ludlow#
2/21	Plympton	1	K. Anderson
2/21	DWWS	1	D. Furbish
2/22	Sharon	1	S. Arena
2/28	Holliston	1	M. Rines
2/28	W. Bridgewater	2	M. Maurer#
2/28	Lincoln	2	R. Walton
Red-tailed Hawk			
1/19	Westport	6	M. Lynch#
2/7	Cumb. Farms	8	M. Maurer
2/16	Ipswich	5	BBC (J. Berry)
2/28	W. Newbury-Ips.	22	R. Heil
2/thr	DWWS	max 9	v.o.
Rough-legged Hawk			
thr	DWWS	1 dk	D. Furbish#
1/4	Wakefield	1 lt	D. + I. Jewell
1/4	W. Bridgewater	1	R. Finch
1/10	Newbypt/P.I.	2 lt	P. Roberts#
1/11	Salisbury	1	J. Kuivenhoven#
1/22	Nantucket	1	E. Ray
1/26	Gloucester	1	D. Jacques
1/28	Wayland	1	N. Patterson
2/1	Maynard	1 lt	L. Nachtrab
2/1	P.I.	3	J. Soucy
2/14	W. Bridgewater	2	S. Arena
Golden Eagle			
thr	Quabbin (G37)	1 ad	fide D. Small
1/3	Quabbin (G43)	1 imm	R. Lockwood
American Kestrel			
1/3	Salisbury	1 ad	D. Larson#
1/4	Dedham	1	T. Maloney
1/5	Brockton	1	M. Faherty
1/15	E. Middleboro	1	K. Anderson
1/26	Concord	1	M. Rines
1/27	P.I.	3	N. Claffin
1/30	Cambridge	1	M. Rines
1/31	Cumb. Farms	1	R. Finch
2/22	Boston (Logan)	4	P. Roberts#
Merlin			
thr	Reports of indiv. from 16 coastal loc.		
1/17	Wakefield	1	P. + F. Vale
1/19	GMNWR	1	K. Dorsey
1/21	Waltham	1	C. Ralph
2/11	Brockton	1	M. Faherty
2/20	Nantucket	2	E. Ray
Peregrine Falcon			
1/12-2/1	Gloucester	1 ad	v.o.
1/3	Wollaston	1	E. Cutler
1/3	P.I.	1 ad	D. Larson#
1/11	Eastham	1	B. Nikula, J. Trimble
1/13	Nauset M.	1	M. Halloran
1/19	Salisbury	1	fide S. Grinley
1/25	Worcester	1	S. + L. Hennin
2/2	Wareham	1	M. LaBossiere
2/3	Boston	2	M. Rines#
2/20	Nantucket	1	E. Ray
Gyr Falcon (details submitted)			
1/10-2/28	Boston (Logan)	1 b	N. Smith + v.o.
1/26	Marshfield	1	F. Zurif
Ring-necked Pheasant			
1/27	W. Newbury	2	M. Rines
2/27	Lexington	3	M. Rines
Ruffed Grouse			
1/3	Templeton	1	T. Pirro
1/4	Gardner	1	P. + F. Vale
2/7	Bolton	1	R. Lockwood
2/16	Saugus	1	P. + F. Vale
2/23	Carlisle	1	T. Brownrigg

Ruffed Grouse (continued)									
2/28	Hardwick	2	G. d'Entremont#	1/11	Boston H.	119	TASL (M. Hall)		
2/28	Millville	1	M. Rines	1/17	Gloucester	26	M. Rines#		
Wild Turkey				1/18	Nantucket	20	F. Gallo		
1/3	N. Beverly	12	M. Barry	1/22	P.I.	86	R. Heil		
1/6	Bridgewater	7	R. Finch	1/30	Salisbury	35	R. Lockwood#		
1/12	Carver	4	M. Boucher	2/4	Rockport	24	R. Hodson		
1/18	Plympton	8	J. Shaw	2/8	Boston H.	90	TASL (M. Hall)		
1/19	Athol	36	R. Hodson	2/9	Westport	8	D. Ludlow		
1/25	Templeton	50	T. Pirro	1/28	Salisbury	35	B. Gette		
1/31	Ipswich	33	J. Berry	Dunlin					
2/4	Danvers	9	D. Hill	1/3	Plymouth	125	P. + F. Vale		
2/5	Wellesley	6	B. Weinig	1/11	Boston H.	125	TASL (M. Hall)		
2/10	W. Newbury	8	R. Heil	1/11	Duxbury	65	E. Neumuth		
2/15	Petersham	33	E. Giles#	1/18	Barnstable	300	S. + L. Hennin		
2/19	Easton	10	G. d'Entremont	1/19	Salisbury B.	100	J. Berry		
2/23	Middleboro	100	R. Turner	2/1	Westport	89	M. Boucher		
Northern Bobwhite				2/1	P.I.	48	J. Berry		
1/3	WBWS	5	P. + F. Vale	2/8	Boston H.	35	TASL (M. Hall)		
Virginia Rail				2/3, 10	Newbypt	200+	R. Heil		
1/4	Nantucket	6	R. Heil	Common Snipe					
1/15,22	Newbypt	1,2	R. Heil	1/3	Buzzards Bay	3	K. Anderson		
American Coot				1/4	Athol	1	M. Lynch#		
thr	Arlington	66 max	K. Hartel	1/17	Salisbury	1	J. Berry		
thr	Medford	49 max	M. Rines	1/21,27	Newbypt	1	R. Heil		
1/9	Plymouth	15	M. Faherty	1/28	DWWS	1	D. Furbish		
1/14	Lynn	13	I. Lynch	American Woodcock					
1/23	Easton	13	S. Arena	1/10	Nantucket	2	BBC (H. Cramer)		
2/3	Brookline	10	B. Mayer	2/13-29	DWWS	4-11	Dan Furbish		
Black-bellied Plover				2/15	IRWS	1	C. Decker		
1/2	Nantucket	2	G. d'Entremont#	2/20-28	Wayland	5 max	2/27 N. Patterson		
1/11	Duxbury	2	E. Neumuth	2/22	Marshfield	2	D. F. Oliver#		
1/11	Edgartown	30+	R. Heil	2/22	Carlisle	1D. + T.	Brownrigg		
Semipalmated Plover				2/27	Easton	5	S. Arena		
1/18	Eastham (F.E.)	1	S. Cronenweth	2/27	Cumb. Farms	4-5	M. Faherty		
Killdeer				Little Gull					
1/11	Cumb. Farms	2	D. Larson#	1/2-4	Nantucket	7	R. Heil		
1/17	Plymouth	2	ABNC (S. Arena)	Black-headed Gull					
1/19	Westport	3	M. Lynch#	thr	Newbypt	1 ad	R. Heil + v.o.		
2/14	Newbury	1	D. Davis	thr	Plymouth	1	v.o.		
2/14	Easton	2	S. Arena	1/2	Nantucket	3	S. Perkins#		
2/15	Nantucket	4	E. Ray	1/3	Chilmark	1 ad	A. Keith		
2/16	Plymouth	3	M. Lynch#	1/16-30S.	Boston	3 ad	R. Donovan#		
2/26	Newbury	3	N. Soulette#	1/17	E. Gloucester	1	R. Cech		
2/27	W. Newbury	2	R. Heil	2/8	Revere	1	N. Shore		
Greater Yellowlegs				2/9	Winthrop	5	M. Rines		
1/10	Chatham	5	J. Trimble	2/15-20	Belmont	1 ad	W. Bishop		
2/14	Hyannis	1	B. Nikula	Bonaparte's Gull					
Whimbrel (<i>hudsonicus</i>)				1/1	Westport	97	M. Boucher		
1/1-2/1	W. Yarmouth	1	fide B. Nikula	1/11	Boston H.	420	TASL (M. Hall)		
Bar-tailed Godwit				1/2-4	Nantucket	10,000+	R. Heil		
1/1-2/12	Plymouth	1	J. Sones + v.o.	2/4	Lynn	26	R. Heil		
Marbled Godwit				2/8	Boston H.	44	TASL (M. Hall)		
1/1-31	Eastham	1	S. Carroll + v.o.	2/26	Newbypt	6	S. Perkins#		
Ruddy Turnstone				Mew Gull (details submitted)					
1/4	Nantucket	35	G. d'Entremont#	1/28-2/27	S. Boston	1 ad	R. Donovan + v.o.		
1/15	N. Scituate	12	K. Anderson	2/7-22	Winthrop	1 ph	N. Samson + v.o.		
Sanderling				Herring Gull					
1/3	Plymouth	45	P. + F. Vale	2/3	Newbypt	2500+	R. Heil		
1/3	Salisbury	100	D. Larson#	Iceland Gull					
1/11	P'town (R.P.)	50	M. Resch	1/3	Salisbury B.	4 ad	J. Berry		
1/11	Boston H.	30	TASL (M. Hall)	1/2	Nantucket	40	S. Perkins#		
1/18	Barnstable	250	S. + L. Hennin	1/3	Easton	1	S. Arena		
2/8	Boston H.	30	TASL (M. Hall)	1/10	Gloucester (E.P.)	1	D. Larson#		
2/8	Dennis	30	R. Hodson	1/15, 2/27	S. Boston	1 1W	R. Donovan		
2/16	P.I.	8	J. Berry	1/21-22	Newbypt	13	R. Heil		
Least Sandpiper				1/25-2/21	Gardner	1 ad	T. Pirro		
1/9	Yarmouth	1 ph	R. Heil	2/5	Framingham	1 ad	A. Repos		
Purple Sandpiper				2/6	Brocton	1 1W	S. Arena		
1/3	Salisbury B.	25	J. Berry	2/20	M.V.	2	M. Pelikan		
1/4	Manomet Pt.	12	D.Oliver#	2/20	Nantucket	9	E. Ray		
1/5	Newbypt	20	K. Cole	2/21	Newbypt	8	J. Brown#		
				2/28	P'town (R.P.)	30+	B. Nikula		

Lesser Black-backed Gull			
1/3	Chilmark	1	A. Keith
2/3	Newbypt	1	R. Heil
2/20	Nantucket	2	E. Ray
2/21	Plymouth	1 ad	M. Lynch#
2/22	P'town	1 2W	B. Nikula
Glaucous Gull			
1/1	Ipswich	1 1W	J. Berry
1/3	Truro	1	R. Stymeist
1/4	Newbypt	1	K. Cole
1/12	Gloucester	1 ad	M. Lynch#
1/18	Nantucket	2	F. Gallo
1/23	Easton	1	S. Arena
1/31	Rockport	1 2W	J. Berry
2/8	Newbypt	2-3	D. Larson#
2/21	Newbypt	2	R. Lockwood#
2/22	P'town	1 ad	D. F. Oliver#
2/23	Gloucester	2 1W	M. Rines#
2/27	Brewster	1	J. Sones
Black-legged Kittiwake			
1/17	Eastham (F.E.)	230	B. Nikula
1/17	P'town	725	M. Sylvia
2/3	Vineyard Sound	200+	V. Laux#
2/5	Rockport (A.P.)	1200	R. Heil
2/6	Eastham (F.E.)	200	B. Nikula
2/8	Boston H.	36	TASL (M. Hall)
2/15	P'town-Eastham	1800	D. Ludlow#
2/24	Rockport (A.P.)	315	R. Heil
Dovekie			
1/2	Scusset B.	1	L. de la Flor#
1/10	P'town (R.P.)	1	B. Nikula
1/12-13	Nantucket	1	E. Andrews#
1/15	Rockport	1	D. + I. Jewell
1/17	Gloucester	1	R. Stymeist#
1/17	P'town	1	M. Sylvia
1/18, 20	Rockport (A.P.)	1	J. Soucy
2/5	Rockport (A.P.)	6	R. Heil
2/5	Barnstable (S.N.)	5	A. Strauss
2/8	Rockport (A.P.)	11	E. Nielsen
2/22	E. Gloucester	2	E. DeBellevue
2/23	P'town	7	H. D'Entremont
Common Murre			
1/4, 10	P'town (R.P.)	1, 3	B. Nikula#
2/5	Rockport (A.P.)	1	R. Heil
2/8	Boston H.	1	TASL (M. Hall)
2/11	P.I.	1	B. Stevens#
2/15	M.V.	1	E. DeBellevue
2/21	Rockport	1	S. Moore#
2/23	Gloucester	1	M. Rines#
2/28	P'town (R.P.)	2	B. Nikula
Thick-billed Murre			
1/1	P'town	1	R. Lockwood#
1/18	Rockport	1	J. Berry
1/18	Sandwich	1	S. + L. Hennin
1/21	Wellfleet H.	1	G. Martin
2/5	Rockport (A.P.)	63	R. Heil
2/7	Barnstable (S.N.)	1	J. Trimble
2/7	Essex	1	M. Jordan
2/8	Boston H.	1	TASL (M. Hall)
2/8	Rockport (A.P.)	3	E. Nielsen
2/14-16	P.I.	1T	Maloney# + v.o.
2/18	Rockport (A.P.)	9	R. Heil
2/21	P'town	11	M. Lynch#
2/22-28	Gloucester	4-5	J. Soucy#
2/22	Barnstable (S.N.)	1	M. Partridge
2/24	Rockport (A.P.)	7	R. Heil
2/28	P'town (R.P.)	3+	B. Nikula
Razorbill			
1/1	P'town	3000	R. Lockwood#
1/1	Truro-P'town	220+	M. Lynch#
1/3	Salisbury B.	8	J. Berry
1/4	Marconi	1000+	G. Levandoski#
1/4	Eastham	30	D. Larson#
1/4	Scusset B.	5	D. Oliver#
1/4, 10	P'town (R.P.)	2100, 350	B. Nikula#
1/10	Rockport (A.P.)	20	D. Larson#
1/19	Nantucket	140	F. Gallo
2/3	Vineyard Sound	20+	V. Laux#
2/5	Barnstable (S.N.)	5	A. Strauss
2/5	Rockport (A.P.)	236	R. Heil
2/7	P'town	1000	C. Leahy
2/8	Rockport (A.P.)	340	E. Nielsen
2/15	P'town-Eastham	1200	D. Ludlow#
2/21	Truro	450+	M. Lynch#
2/28	P'town (R.P.)	30+	B. Nikula
Black Guillemot			
1/10	Rockport (A.P.)	1	P. + F. Vale
1/11	P'town (R.P.)	1	M. Resch
1/11	Boston H.	1	TASL (M. Hall)
1/19	Gloucester	38	R. Heil
2/15	Rockport (A.P.)	3	M. Rines#
2/21	Boston H.	3	S. Zende (MDC)
2/28	P'town (R.P.)	8	B. Nikula
Ancient Murrelet (details submitted) *			
1/4	P'town (R.P.)	1	B. Nikula, J. Trimble
Atlantic Puffin			
2/5	Rockport (A.P.)	2	R. Heil
Large alcid species			
2/5	Rockport (A.P.)	146	R. Heil
2/28	P'town (R.P.)	200	B. Nikula

OWLS THROUGH GROSBEAKS

A small group of Long-eared Owls spent the winter at the Daniel Webster Wildlife Sanctuary in Marshfield, roosting together by day and hunting the fields by night. Just before sunset, birders at the observation platform were treated to the spectacular sight of these birds cruising the meadows - or were they Short-ears? Seeing these two species together underscores the difficulty of field identification when these birds are in flight. A Whip-poor-will was reported singing in Edgartown. There are no previous January records. This report followed closely on the heels of an unidentified nightjar seen on Nantucket in November. Red-headed Woodpeckers have become a real rarity in Massachusetts, so five individuals in four locations was a bonanza.

The mild winter and the lack of any significant snowfall was a bonus for land birds (are you tired yet of hearing of *El Nino*?). On a few mild days in February, insects could be seen in significant numbers and were doubtless welcome food for the numerous overwintering semi-hardies. Yellow-bellied Sapsuckers, Eastern Phoebe, Tree Swallows, House Wrens, Winter Wrens, Ruby-crowned Kinglets, Hermit Thrushes, and Eastern Meadowlarks are sometimes reported in eastern Massachusetts in the winter, but seldom do we see all these species, and usually reports come from the southeastern part of the state. A review of these reports show many coming from north of Boston, and, even more unusual, from the north-central part of the state. Other signs of the mild winter included reports of unusually high numbers of Eastern Bluebirds, American Robins, and — especially — Cedar Waxwings.

Northern Shrikes were well reported from a wide area, although certainly not as many as in the invasion of two years ago. This was a great winter for other northern species. While Red-breasted Nuthatches were generally difficult to find, a large flock in Bedford foraging in white pine lingered from December. **Bohemian Waxwings** were reported from a variety of locations. Several flocks of Pine Grosbeaks in Worcester County foraged in heavily fruited areas and were enjoyed by many birders. Both crossbill species were reported in good numbers, and flocks at Salisbury Beach State Park were easy to find and a delight to Essex County aficionados. Common Redpolls were nearly as plentiful as they were in the bonanza year of 1994. Pine Siskins were harder to find, but nice flocks of Evening Grosbeaks were reported from several locations in Worcester County.

The list of very unusual birds seen during the period was amazing. A **Varied Thrush** spent the month at a feeder in Oakham. Warblers included typical overwintering birds such as Yellow-rumped, Pine, and Palm warblers, but others were more surprising. An Orange-crowned Warbler and Common Yellowthroat were unusual, but not unheard-of for winter, but an Ovenbird and Northern Waterthrush were exceptional. Seven Yellow-breasted Chats is an extraordinary number, especially when it includes individuals in Salem and Byfield in the northeastern part of the state. The birds of the winter, however, continued to be the **Hermit Warbler** which spent the winter in a small section of the State Forest in Edgartown on Martha's Vineyard.

A **Lark Sparrow** spent over a week at the Marconi area of Wellfleet, and several other sparrow species were unusual in winter, including several sharp-tailed, Seaside, Fox, and White-crowned sparrows. A **Painted Bunting** was reported coming to a feeder in Seekonk. A male **Bullock's Oriole** was well fed at a feeder in Wakefield until the homeowner had to leave town for a week. A week later, undoubtedly the same individual found its way to a similarly hospitable feeder in Reading, only five miles away.

It was an extraordinary winter all in all. Blame it on *El Nino*? We'll probably never know.

Barn Owl				2/19	HRWMA	1	T. Pirro
2/9	M.V.	3	M. Pelikan	Whip-poor-will			
Eastern Screech-Owl				1/4	Edgartown	1 heard	C. Morano
thr	Reports of indiv. from	12	locations	Belted Kingfisher			
thr	Winchester	2	D. + I. Jewell	thr	Reports of indiv. from	13	locations
1/1	Wakefield	2	P. + F. Vale	Red-headed Woodpecker			
2/9	M.V.	2	M. Pelikan	1/5-2/28	W. Brookfield	2	M. Lynch# + v.o.
2/13	Middleboro	3	K. Holmes	1/24	Sutton	1	N. Sawtelle
2/15	Marshfield	3	D. Peacock#	2/2	Dennis	1 imm	S. Miller#
Great Horned Owl				2/3	Auburn	1	B. Walker
thr	Reports of indiv. from	23	locations	Red-bellied Woodpecker			
thr	DWWS	3 max	D. Furbish	thr	Lincoln	4	S. Perkins#
1/1	N. Dartmouth	2	M. Boucher	1/6	Medford	5	M. Rines
2/3	S. Middleboro	pr	K. Anderson#	1/13	Lakeville	2	G. Levandoski
2/15	E. Middleboro	3	K. Anderson	1/25	Chilmark	4	R. Stymeist#
Snowy Owl				1/27-2/28	W. Newbury	6	R. Heil
thr	P.I.	1-3	J. Soucy + v.o.	2/7	M.V.	2	D. Small
1/1-2/4	Newbypt	1	J. Berry + v.o.	2/28	Blackstone	3	M. Rines
1/10	Boston (Logan)	2	N. Smith	2/28	W. Brookfield	3	G. d'Entremont#
1/19	Salisbury	1 imm	T. Raymond	Yellow-bellied Sapsucker			
1/22	Nantucket	1	E. Ray	1/27	Marshfield	1	D. Peacock
1/29	Chappaquiddick	1	M. Pelikan#	1/28	Mt.A.	1	M. Rines
2/8	Boston (Logan)	2	N. Smith	Hairy Woodpecker			
Barred Owl				1/27	W. Newbury	8	R. Heil
1/4	Royalston	2	M. Lynch#	1/thr	Mattapoisett	4	F. Smith
1/26	Lanesville	1	D. Jacques	Northern Flicker			
1/27	Melrose	1	D. + I. Jewell	thr	Reports of indiv. from	13	locations
2/1-28	DWWS	2	v.o.	1/24	Westport	3BBC	(R. Stymeist)
2/22	IRWS	2	G. d'Entremont#	1/30	Oak Bluffs	3	M. Pelikan
2/26	Hamilton	1	N. Nash	2/16	E. Middleboro	3	K. Anderson
2/28	Easton	2	S. Arena	2/28	Millville	2	M. Rines
Long-eared Owl				Pileated Woodpecker			
thr	DWWS	6 max	D. Furbish + v.o.	1/2	Westford	1 m	S. Selesky
1/29	Nantucket	1	fide E. Ray	1/2	Petersham	1 m	D. Larson#
Short-eared Owl				1/3	Templeton	1	T. Pirro
thr	DWWS	4 max	D. Furbish + v.o.	1/18	Westminster	1	T. Pirro
1/5	Halifax	1	R. Finch	1/18	W. Brookfield	1	M. Lynch#
1/15-2/22	P.I.	1	J. Gawienowski	1/31	Pepperell	3	E. Stromsted
2/13	Cumb. Farms	2	M. Maurer	1/31	Wayland	3	N. Patterson
2/14	W. Bridgewater	1	S. Arena	2/1	Quabbin (G 43)	4	R. Heil
Northern Saw-Whet Owl				2/8	Gloucester	1	D. Chickering
1/1	DWWS	5	N. Smith	2/8	W. Andover	1 f	M. Timko
1/4	Royalston	1	M. Lynch#	2/12	Lincoln	1	R. Zaring
1/22	Dedham	1	E. Cutler	2/14	IRWS	1	P. + F. Vale
2/11	M.V.	3	M. Pelikan#	2/28	W. Newbury	1	R. Heil
2/15	Middleboro	1	D. Peacock#	2/8-10	Boxford	1	J. Weldon

Eastern Phoebe				1/25	Chilmark	8	R. Stymeist#	
	1/3-2/1	Chilmark	1	A. Keith	2/7	Lakeville	5 BBC (R. Finch)	
	1/14-2/23	HRWMA	1	T. Pirro	2/21	Barnstable	5 M. Rines	
	2/19	Cumb. Farms	1	R. Finch	2/28	Millville	2 m M. Rines	
Northern Shrike								
thr	P.I.		3 max	2/1 J. Soucy	House Wren	2/21	Edgartown	1 M. Pelikan
1/3	Hamilton		1	C. Leahy	Winter Wren			
1/4	Lynnfield		1	D. + I. Jewell	1/2	Nantucket	1 G. d'Entremont	
1/4-19	Wellfleet		1 imm	D. Larson#	1/11	Nahant	1 M. Rines#	
1/4	Concord		1	S. Ells	1/18	Boxford (C.P.)	1 P. + F. Vale	
1/6	Wayland		1	N. Patterson	1/22	Wareham	1 M. Sylvia	
1/20	W. Newbury		1	R. Heil	1/26	E. Middleboro	1 K. Anderson	
1/20	Salem		1 imm	R. Heil	Marsh Wren			
1/21-2/8	GMNWR		1	R. Lockwood	thr	Newbypt	2 R. Heil	
1/27	Ashburnham		1 ad	T. Pirro	1/4	Nantucket	4 R. Heil	
2/1	Chilmark		1	A. Keith#	Golden-crowned Kinglet			
2/4	Royalston		1	J. Kricher	1/24	Westport	15BBC (R. Stymeist)	
2/14	Salisbury		1	T. Maloney#	1/30	Oak Bluffs	7 M. Pelikan	
2/16	Cumb. Farms		1	M. Maurer	2/16	Boxford	3 M. Rines	
2/21	S. Carver		1 imm	K. Anderson	2/21	Barnstable	6 M. Rines	
2/21	Pepperell		1	E. Stromsted	Ruby-crowned Kinglet			
2/21	Truro		1 imm	M. Lynch#	1/18	Bourne	2 R. Stymeist#	
American Crow								
1/27	Worc. (BMB)	1200+		J. Liller	1/19	W. Newbury	1 M. Rines	
1/30-31	Lawrence	15,000		J. Hogan#	1/30	Oak Bluffs	1-2 m M. Pelikan	
1/1-31	Framingham	13,000+		E. Taylor	Eastern Bluebird			
2/13	Fitchburg	1000		D. Koski	1/1	Hingham	8 J. Melithoniotes	
Fish Crow								
1/3	Watertown	32		R. Stymeist	1/1	Wellfleet	5 M. Lynch#	
1/4	Belmont	2BBC		(R. Petersen)	1/10	Bolton	3 S. + L. Hennin	
1/18	W. Brookfield	1		M. Lynch#	1/12	DWWS	5 D. Furbish	
2/13	Worcester	1		M. Lynch#	1/14	Acton	3 G. Bullock	
2/21	Middleboro	15		K. Anderson	1/18	Taunton	8 M. Hatfield	
2/25	Brookline	3		A. Lear	1/19	GMNWR	5 K. Dorsey	
Common Raven								
1/4	Royalston	1		P. + F. Vale	1/29	Essex	3 R. Heil	
1/11	Quabbin (G37)	1		E. Nielsen#	1/30	Mattapoisett	4 F. Smith	
2/1	Hardwick	3		R. Heil	2/6	Lincoln	3 S. Perkins#	
2/21	Gardner	1		T. Pirro	2/7	Cumb. Farms	10 M. Maurer	
Horned Lark								
1/1-27	Hanscom AFB	43 max		R. Lockwood	2/9	Quincy	12 N. Smith	
1/11	Duxbury	14		E. Neumuth	2/22	Carlisle	4 T. Brownrigg	
1/17	Cumb. Farms	175		ABNC (S. Arena)	2/26	Groton	8 M. Rines	
1/19	Newbury	129		M. Rines	2/28	Blackstone	3 M. Rines	
1/28	Salisbury	40		MAS (B. Gette#)	2/28	Holliston	10 M. Rines	
2/9	Dartmouth	125		D. Ludlow	Hermit Thrush			
2/20	Halifax	65		D. Ludlow#	1/3	P.I.	1 K. Haley	
Tree Swallow								
1/2-2/3	Chilmark	4		v.o.	1/17	Gardner	1 T. Pirro	
Red-breasted Nuthatch								
1/15	Bedford	30		M. Rines	1/18	Bourne	4 R. Stymeist#	
1/27	W. Newbury	6		R. Heil	1/18	Falmouth	1 S. + L. Hennin	
2/20	Groton	2 m		T. Pirro	1/22	Nantucket	1 E. Ray	
2/27	W. Newbury	6		R. Heil	1/23	IRWS	1 K. Dorsey	
Brown Creeper								
1/23	IRWS	1		K. Dorsey	1/23	Mattapoisett	1 M. LaBossiere	
1/27	Marshfield	1		D. Peacock	1/24	Westport	1BBC (R. Stymeist)	
1/30	GMNWR	2		K. Dorsey	1/31	DWWS	1 D. Furbish	
1/30	Mattapoisett	1		F. Smith	1/31	Plymouth	1 D. Ludlow	
2/15	Lincoln	1		S. Perkins#	2/14	Rockport (H.P.)	1 J. Melithoniotes	
2/18	Middleboro	1		K. Holmes	2/21	Barnstable	1 M. Rines	
2/27	W. Newbury	3		R. Heil	American Robin			
Carolina Wren								
thr	Reports of indiv. from 18 locations				1/15	Newbury	250 R. Heil	
1/4	Nantucket	12		G. d'Entremont#	1/16	Groton	150+ T. Pirro	
1/10	Hudson	2		R. Stymeist#	1/18	Wellfleet	225 R. Stymeist#	
1/10	Leicester	2		R. Stymeist#	1/19	Newbypt	350 J. Berry	
1/11	Worc. (BMB)	4		J. Liller	1/24	Westport	130BBC (R. Stymeist)	
1/11	Falmouth	11		R. Heil	1/26	W. Newbury	1065 R. Heil	
1/17	Rockport (A.P.)	2		fide J. Soucy	2/1	Salem	100+ J. McLaughlin	
1/18	Falmouth	22		M. Lynch#	2/7	HRWMA	125 T. Pirro	
1/24	Westport	28BBC		(R. Stymeist)	2/9	Wayland	100 D. Vanderberg	
					2/22	Boston	320 K. Hudson	
Varied Thrush								
	2/7-28	Oakham	1 f				C. Graham	
Gray Catbird								
	1/5	Edgartown	1				M. Pelikan	
	1/11	Falmouth	4				R. Heil	
	1/20	Salem	1				R. Heil	
	1/24	Westport	4				BBC (R. Stymeist)	

Gray Catbird (continued)				1/25 Centerville	1	P. Trimble
1/27 Gloucester	1	M. Officer	1/30-2/22 Byfield	1	J. Soucy+ v.o.	
2/15 P.I.	1	A. Binns	Eastern Towhee			
2/16 IRWS	1	B. Speare	1/12 Falmouth	3	D. Peacock	
2/21 Barnstable	1	M. Rines	1/16 Acton	1 m	T. Atkinson	
Brown Thrasher				1/24 Westport	4BBC (R. Stymeist)	
1/3 Falmouth	1	BBC (R. Finch)	1/25 Chilmark	9	R. Stymeist#	
2/15 DWWS	1	M. Rines	2/27 Medford	1	M. Rines	
Bohemian Waxwing				American Tree Sparrow		
1/17-27 Wellfleet	21 max	J. Sones + v.o.	1/3 Everett	13	D. Oliver	
1/23 Rockport	1	J. Soucy	1/4 Wakefield	30	D. + I. Jewell	
1/24 Dennis	9	E. Giles	1/11 Cumb. Farms	60	M. Faherty	
1/26 W. Newbury	2	D. + I. Jewell	1/19 Salisbury	18	D. Williams	
1/29 Nantucket	9	fide E. Ray	2/1 W. Bridgewater	45	S. Arena	
1/30 Royalston	1	M. Taylor#	2/11 Saugus	16	D. + I. Jewell	
1/30-2/15 P.I.	4	v.o.	Chipping Sparrow			
1/31-2/16 Eastham	20 max	D. Peacock#	2/1-16 Chilmark	3+	A. Keith#	
2/2 Cummaquid	1	S. Miller	2/1-28 Brewster	14 max	A. King	
2/25 Groton	10	A. Neilson	Field Sparrow			
Cedar Waxwing				1/1 S. Wellfleet	20	M. Lynch#
1/1 Marion	86	M. Boucher	1/18 Falmouth	2	S. + L. Hennin	
1/3 Quabbin (G40)	60+	M. Lynch#	1/19 Newbury	4	T. Raymond	
1/10 Pepperell	120	E. Stromsted	1/24 Westport	7BBC (R. Stymeist)		
1/15 Newbury	65+	R. Heil	2/1-16 Chilmark	2	A. Keith#	
1/16 Athol	750	D. Small	2/5 M.V.	6	M. Pelikan	
1/17 Templeton	300+	T. Pirro	2/14 Plymouth	3	D. Ludlow#	
1/17 Gardner	150	T. Pirro	2/20 Pembroke	14	D. Ludlow#	
1/18 Westminster	150+	T. Pirro	2/21 Barnstable	4	M. Rines	
1/31 Easton	80	S. Arena	Vesper Sparrow			
2/1 Eastham	200	B. Nikula#	1/2 Cumb. Farms	3	R. Finch	
2/11 Maynard	70	L. Nachtrab	1/11, 28 Katama	1	V. Laux#	
2/20 Amesbury	95	M. Rines	1/12 Middleboro	3	M. Boucher	
1/25 Acton	150	A. Duncan	2/14 Edgartown	1	A. Keith#	
Orange-crowned Warbler				Lark Sparrow		
1/20 Cohasset	1	S. Avery	1/1-9 Wellfleet	1	S. Carroll + v.o.	
Yellow-rumped Warbler				Savannah Sparrow		
1/1 Rowley	1	P. + F. Vale	1/11 M.V.	10	V. Laux#	
1/9 Westport	34	M. Lynch#	1/19 Newbury	3	M. Rines	
1/17 Lakeville	3	ABNC (S. Arena)	1/27 S. Dart. (A. Pd)	3	LCES(J. Hill)	
1/24 Westport	25BBC (R. Stymeist)		2/1 Cumb. Farms	1	K. Anderson	
1/29 Essex	6	R. Heil	2/16 P.I.	1	J. Berry	
1/30 P.I.	7	R. Lockwood#	"Ipswich" Sparrow			
2/14 Rowley	1	P. + F. Vale	1/1 Bourne	1	R. Stymeist#	
2/26 Brockton	2	M. Faherty	1/11 Edgartown	1	R. Heil	
1/20 Ipswich	1	D. Cassidy	1/17 P.I.	2	J. Berry	
Hermit Warbler				1/17 Salisbury	2	S. + L. Hennin
thr Edgartown	1	M. Pelikan + v.o.	1/27 S. Dart. (A. Pd)	1	LCES(J. Hill)	
Pine Warbler				sharp-tailed sparrow species		
1/3 Marstons Mills	1	M. Partridge	1/11 Eastham (F.H.)	3+	B. Nikula#	
1/3 Kingston	1	D. Ludlow#	Saltmarsh Sharp-tailed Sparrow			
1/4 Eastham	3	D. Larson#	1/31 Eastham	1	D. Ludlow	
1/17 S. Middleboro	1	ABNC (S. Arena)	Nelson's Sharp-tailed Sparrow			
1/20 Cohasset	1	S. Avery	1/31 Eastham	1	D. Ludlow	
2/20 Westford	1	S. Selesky	Seaside Sparrow			
2/27 Brewster	1	J. Sones #	thr Newbypt	1	R. Heil	
Palm Warbler				1/11 Eastham (F.H.)	4+	J. Trimble #
1/2-19 Eastham	1	J. Eddy + v.o.	Fox Sparrow			
2/8 E. Gloucester	1	P. Knowlton	1/2 Nantucket	1	E. Andrews#	
2/17 Hyannis	1	S. Miller#	1/3 Everett	1	C. Jackson	
2/27 Brewster	1	J. Sones #	1/1-2/28 Kingston	1	D. Ludlow	
Ovenbird				1/23 Mattapoisett	2	M. LaBossiere
1/1-31 Athol	1	D. Small#	1/25 Essex	1	J. Simpson	
Northern Waterthrush				1/26 E. Middleboro	1	K. Anderson
1/11 Woods Hole	1	R. Heil#	Swamp Sparrow			
Common Yellowthroat				1/5 Topsfield	1	J. MacDougall
2/11 Middleboro	1	M. Sylvia	1/11 Cumb. Farms	2	M. Faherty	
Yellow-breasted Chat				1/18 Marshfield	10	G. d'Entremont#
1/3 Edgartown	1	M. Pelikan	1/18 Falmouth	1	S. + L. Hennin	
1/11-2/3 Falmouth	1-2	R. Heil + v.o.	1/19 Westport	6	M. Lynch#	
1/20 Salem	1	R. Heil	1/28 GMNWR	5	R. Lockwood	
1/20 Pembroke	1	R. Groves	White-crowned Sparrow			
1/24 Westport	1BBC (R. Stymeist)		1/2 Nantucket	1 ad	E. Andrews#	

White-crowned Sparrow (continued)				1/31	Lexington	20	M. Rines
1/12	Middleboro	3	M. Boucher	2/18	Halifax	15	K. Holmes
2/21	Sandwich	2	M. Rines	2/26	Easton	20	S. Arena
Oregon Junco				2/27	W. Newbury	20	R. Heil
thr	Maynard	1 m	L. Nachtrab	2/27	W. Bridgewater	60	S. Arena
Lapland Longspur				2/28	Harvard	27	R. Lockwood
thr	Newbury	40 max	S. Perkins + v.o.	Baltimore Oriole			
1/31	Cumb. Farms	3	R. Finch	2/3	Franklin	1 m	D. Briggs
Snow Bunting				Bullock's Oriole			
thr	Newbury	100 max	J. Berry + v.o.	1/1-2/19	Wakefield	1 m	P. Stark#
1/11	Cumb. Farms	25	M. Faherty	2/26-28	Reading	1 m	D. Shromm + v.o.
1/17	Gloucester	20	M. Rines#	Pine Grosbeak			
1/17	P'town	400	M. Sylvia	thr	Gardner	40 max	T. Pirro
1/19	Salisbury	60	D. Williams	thr	HRWMA	11 max	T. Pirro
1/22	Wareham	32	M. Sylvia	1/4	Winchendon	4	P. + F. Vale
1/24	Sharon	17	S. Arena	1/19	Athol	2	D. Small
2/1	Bedford	45	M. Rines#	1/19	Peabody	30	P. Roberts
2/4	P.I.	150	B. Gette	1/27	S. Dart. (A. Pd)	1	LCES(J. Hill)
Painted Bunting				1/29	Westminster	17	T. Pirro
1/10	Seekonk	1 m	R. Leonard	1/30-2/25	Royalston	80+	D. Small + v.o.
Dickcissel				2/1	Westport	2	M. Boucher
1/9-17	Marshfield	2	D. Peacock	2/6	Harvard	1	fide G. Marley
Red-winged Blackbird				2/25	Rowley	3	R. Heil
1/3	Templeton	1	T. Pirro	Purple Finch			
1/3	WBWS	6	P. + F. Vale	1/1	Hingham	6	J. Melithoniot
1/10	W. Bridgewater	30	S. Arena	1/4	Nantucket	1	G. d'Entremont
1/10	Salisbury	2	P. + F. Vale	1/8	Maynard	3 f	L. Nachtrab
1/11	Wakefield	10	D. + I. Jewell	1/12	P.I.	1	M. Lynch#
1/22	DWWS	127	D. Furbish	1/26	Petersham	1	S. + L. Hennin
2/12-28	Wayland	max 100+	N. Patterson	2/28	Millville	6	M. Rines
2/13	Ashland	6	D. Cole	2/6-13	Mattapoisett	2	M. LaBossier
2/14	Newbury	20	D. Davis	Red Crossbill			
2/15	Royalston	16	R. Lockwood#	thr	Salisbury	10 max	T. Roberts + v.
2/16	Ipswich	50	C. Leahy	1/4	Gay Head	2	A. Keith
2/27	W. Bridgewater	400	S. Arena	1/11	Chilmark	2	A. Goldman
2/27	W. Newbury	350+	R. Heil	1/22	Nantucket	14	E. Ray
Eastern Meadowlark				1/26-29	W. Newbury	1 m	R. Heil
thr	DWWS	max 27	Dan Furbish + v.o.	2/15	W. Boylston	2	M. Lynch#
1/1	Cumb. Farms	10	K. Anderson	2/27	Dorchester	2	R. Donovan
1/19	P.I.	4	P. + F. Vale	White-winged Crossbill			
1/24	Westport	1BBC	(R. Stymeist)	thr	Salisbury B.	50 max	R. Heil + v.o.
1/27	S. Dart. (A. Pd)	19	LCES(J. Hill)	1/4	Easton	3	S. Arena
2/1	Bedford	2	M. Rines#	1/11	M.V.	1	V. Laux#
2/8	Rowley	2	J. Berry	1/15	Newbury	3	R. Heil
2/16	Attleboro	2	K. Meyer	1/17	Dorchester	1	R. Donovan
2/21	Eastham	4	M. Lynch#	1/24	Athol	1	D. Small
1/31	Barnstable (S.N.)	5	H. Ferguson	1/29	Essex	3	R. Heil
Rusty Blackbird				1/31	Mt.A.	10	P. Perry#
1/10	Wakefield	24	P. + F. Vale	2/5	Weston	4	J. Mulvrey
1/29	Saugus	12	D. + I. Jewell	2/7	HRWMA	1	T. Pirro
2/15	M.V.	1	S. Moore#	2/15	Hardwick	1	R. Lockwood#
2/15	Woburn	5	P. + F. Vale	1/30	Belmont	10	P. Wicks
Common Grackle				Common Redpoll			
1/2	Nantucket	10	G. d'Entremont	1/3	Templeton	50	T. Pirro
1/19	Westport	42	M. Lynch#	1/4	Gardner	33	M. Lynch#
2/13-2/22	DWWS	9-29	D. Furbish	1/10	Harvard	30	S. + L. Hennin
2/13	Brookline	1	J. Kuivenhoven	1/10	Bolton	100	S. + L. Hennin
2/13	Ipswich	1	D. Cassidy	1/11	P'town (R.P.)	25	M. Resch
2/14	Easton	1	S. Arena	1/11	Quabbin (G37)	60-70	E. Nielsen#
2/15	Woburn	20	P. + F. Vale	1/18	Barre	100+	E. Salmela#
2/20	IRWS	1	D. Hill	1/19	Salisbury	30+	P. + F. Vale
2/21	Wakefield	1	P. + F. Vale	1/19	Athol	18	D. Small
2/21	GMNWR	2	S. Perkins#	1/27	Worc. (BMB)	35	J. Liller
2/22	WMWS	1	S. Moore#	1/30	Westboro	18	A. Boover
2/26	Easton	80	S. Arena	1/31	P.I.	40	J. Brown#
2/27	W. Newbury	125	R. Heil	2/4	Barre	19	C. Phillips
2/27	W. Bridgewater	200	S. Arena	2/7	Wakefield	27	D. Chickering
Brown-headed Cowbird				2/1-24	Hopkinton	30-50	N. Facklam
1/1	S. Dartmouth	80	M. Boucher	2/13, 14	Pepperell	50, 20	E. Stromsted
1/19	Westport	675	M. Lynch#	2/14-15	Groton	50	A. Neilson
1/19	Lincoln	7	S. Perkins#	2/15	Hardwick	25	R. Lockwood#
1/31	Middleboro	50	S. + L. Hennin	2/21	Westminster	25-30	D. Jacques#

Pine Siskin			1/3	Templeton	20	T. Pirro
1/1, 16 Athol	2, 35	D. Small	1/4	Royalston	85+	P. + F. Vale
1/4 Royalston	1	P. + F. Vale	1/12	Gardner	40	M. Rines
1/10 Spencer	1	R. Stymeist#	1/18	Petersham	18	D. Peacock#
1/18 E. Boxford	1	J. Brown#	1/18	Westminster	10+	T. Pirro
1/18 Petersham	1	D. Peacock#	2/7	HRWMA	20-25	T. Pirro
Evening Grosbeak			2/22	Royalston	50	R. Lockwood

HOW TO CONTRIBUTE BIRD SIGHTINGS TO BIRD OBSERVER

This publication prints monthly compilations of reports of birds seen in the ten counties of eastern Massachusetts (Worcester County and east) and offshore waters. Space does not permit the inclusion of all material submitted. However, bird sightings sent to Bird Observer are archived at the Massachusetts Audubon Society. Our compilers select and summarize for publication sightings that provide a snapshot of birdlife during the reporting period. These sightings include early and late dates for migratory species, maximum counts of migrants and some common birds, and species found beyond their normal ranges.

Sightings for any given month must be reported in writing by the eighth of the following month. Send to Bird Sightings, Robert H. Stymeist, 94 Grove Street, Watertown, MA 02172. Please organize reports by month and by species in current A.O.U. checklist order. Include name and phone number of observer, common name of species, date of sighting, location, number of birds, number of observers, and information relevant to age, sex, morph, etc.

Species on the Review List of the Massachusetts Avian Records Committee (Bird Observer Vol. 25, #4, page 195), as well as species unusual as to place, time, or known nesting status in Massachusetts should be reported promptly to the Massachusetts Avian Records Committee, c/o Wayne Petersen, Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773. Include, in addition to the above information, time of day and light available, weather conditions, the optics used and approximate distance from the bird, length of observation, observer's prior experience with the species, and field guide or other references used. Provide a description of the bird based solely on personal observation. Comment on the distinguishing field marks (observed and unobserved), vocalizations, activity, general behavior, habitat, and other birds present. Include with your report copies of any field notes and sketches.

LIST OF ABBREVIATIONS

* Indicates a species on the review list of the Massachusetts Avian Records Committee (MARC). Because these sightings are generally published before the MARC votes, they normally have not been approved by the MARC. The editors publish records which are supported by details, multiple observers, or both.

ad	adult	H.	Harbor
alt	alternate	I.	Island
b	banded	L.	Ledge
br	breeding	M.V.	Martha's Vineyard
dk	dark (phase)	Mt.A.	Mount Auburn Cemetery, Cambridge
f	female	Nant.	Nantucket
fl	fledged	Newbypt	Newburyport
imm	immature	P.I.	Plum Island
ind	individuals	Pd	Pond
juv	juvenile	P'town	Provincetown
loc	location	Quab.	Quabbin Reservoir
lt	light (phase)	Res.	Reservoir
m	male	R.P.	Race Point, Provincetown
max	maximum	S.B.	South Beach, Chatham
migr	migrating	S. Dart.	South Dartmouth
n	nesting	S.N.	Sandy Neck, Barnstable
ph	photographed	Stellw.	Stellwagen Bank
pl	plumage	Worc.	Worcester
pr	pair	BBC	Brookline Bird Club
S	summer (1S = first summer)	BMB	Broad Meadow Brook, Worcester
thr	throughout	CCBC	Cape Cod Bird Club
vid	videotaped	DFWS	Drumlin Farm Wildlife Sanctuary
v.o.	various observers	DWWS	Daniel Webster Wildlife Sanctuary
W	winter (2W = second winter)	EMHW	Eastern Massachusetts Hawk Watch
w/	with	GMNWR	Great Meadows National Wildlife Refuge
yg	young	HRWMA	High Ridge Wildlife Management Area, Gardner-Westminster
#	additional observers	IRWS	Ipswich River Wildlife Sanctuary
A.A.	Arnold Arboretum, Boston	LBS	Local Bird Survey
A.P.	Andrews Point, Rockport	LCES	Lloyd Center for Environmental Studies
A.Pd	Allens Pond, S. Dartmouth	MARC	Massachusetts Avian Records Committee
Arl.	Arlington	MAS	Massachusetts Audubon Society
B.	Beach	MBO	Manomet Observatory
B.I.	Belle Isle, E. Boston	MBWMA	Martin Burns Wildlife Management Area, Newbury
B.R.	Bass Rocks, Gloucester	MDFW	MA Division of Fisheries and Wildlife
Cambr.	Cambridge	MNWS	Marblehead Neck Wildlife Sanctuary
C.B.	Crane Beach, Ipswich	MSSF	Myles Standish State Forest
Corp. B.	Corporation Beach, Dennis	NAC	Nine Acre Corner, Concord
C.P.	Crooked Pond, Boxford	NBC	Needham Bird Club
Cumb. Farms	Cumberland Farms, Middleboro-Halifax	NEHW	New England Hawk Watch
E.P.	Eastern Point, Gloucester	ONWR	Oxbow National Wildlife Refuge
F.E.	First Encounter Beach, Eastham	SRV	Sudbury River Valley
F.H.	Fort Hill, Eastham	SSBC	South Shore Bird Club
F.M.	Fowl Meadow, Milton	TASL	Take A Second Look Harbor Census
F.P.	Fresh Pond, Cambridge	USFWS	US Fish and Wildlife Service
F.Pk	Franklin Park, Boston	WBWS	Wellfleet Bay Wildlife Sanctuary
G40	Gate 40, Quabbin	WMWS	Wachusett Meadow Wildlife Sanctuary
G45	Gate 45, Quabbin		
H.P.	Halibut Point, Rockport		