

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE  
Preventing Spread of Moths

SUMMARY---GYPSY MOTH DEFOLIATION---1938

NUMBER OF ACRES DEFOLIATED AND THE DEGREE OF DEFOLIATION IN NEW ENGLAND

STATE	DEGREE OF DEFOLIATION				Total
	25%	50%	75%	100%	
MAINE	61,884	39,759	16,391	2,398	120,432
NEW HAMPSHIRE	24,581	7,359	1,980	202	34,122
VERMONT	198	133	70	15	416
MASSACHUSETTS	43,441	40,116	42,772	28,019	154,348
RHODE ISLAND	1,160	550	655	932	3,297
CONNECTICUT	25	51	132	1,131	1,339
<b>TOTALS:</b>	<b>131,289</b>	<b>87,968</b>	<b>62,000</b>	<b>32,697</b>	<b>313,954</b>

*363,613 = 1937  
154,348  
209,265 less*

MASSACHUSETTS - 1938.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1938.

Reports have been received from 215 towns, showing definite acreages more or less defoliated by the Gypsy Moth. These reports are summarized as follows:

Number of acres defoliated and the degree of defoliation in Massachusetts.

Towns	Degree of defoliation.				Total
	25%	50%	75%	100%	
Abington	125	175	75	0	375
Acton	0	125	230	190	545
Acushnet	0	8	6	0	14
Amesbury	10	5	5	5	25
Amherst	175	120	60	20	375
Andover	15	7	3	2	27
Ashburnham	0	30	65	0	95
Ashby	0	90	0	0	90
Ashland	190	25	80	0	295
Athol	25	20	10	0	55
Attleboro	0	0	7	3	10
Avon	5	10	180	30	225
Ayer	35	75	25	0	135
Barnstable	2,500	3,000	3,250	2,500	11,250
Bedford	210	102	76	22	410
Belchertown	2,500	1,800	2,175	2,350	8,825
Berkley	0	10	25	0	35
Berlin	0	25	150	25	200
Bernardston	1,800	1,250	680	460	4,190
Beverly	163	75	45	40	323
Billerica	151	81	54	39	325
Bolton	0	100	105	65	270
Bourne	1,250	2,500	1,500	700	5,950
Boxboro	0	50	60	45	155
Boxford	135	80	50	25	290
Braintree	0	10	50	10	70
Brewster	300	300	400	750	1,750
Bridgewater	100	200	30	0	330
Brimfield	100	325	150	50	625
Brockton	175	200	125	0	500
Buckland	0	10	0	0	10
Burlington	134	79	55	36	304
Canton	0	40	160	40	240
Carlisle	205	120	95	65	485
Carver	150	0	0	0	150

MASSACHUSETTS - 1938.

Date: Defoliation by the Gypsy Moth in Massachusetts, 1938.

Towns showing definite acreages of defoliation (continued).

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Charlemont	22	0	0	0	22
Charlton	5	0	0	0	5
Chatham	100	100	200	400	800
Chelmsford	30	23	17	10	80
Chester	2	0	0	0	2
Chilmark	15	10	0	0	25
Clinton	0	0	40	0	40
Cohasset	55	60	35	0	150
Concord	0	70	70	120	260
Conway	5	5	5	0	15
Danvers	20	15	10	5	50
Dartmouth	0	858	967	210	2,035
Dedham	0	15	20	0	35
Deerfield	1,800	1,100	980	1,850	5,730
Dennis	500	450	650	700	2,300
Dighton	0	0	5	0	5
Douglas	60	20	90	5	175
Dover	0	20	130	25	175
Dracut	65	30	20	10	125
Dunstable	0	0	75	0	75
Duxbury	20	30	30	0	80
East Bridgewater	50	25	0	0	75
Eastham	50	100	100	100	350
Easthampton	100	20	20	0	140
Easton	0	150	2,133	1,000	3,283
Enfield	170	265	140	0	575
Erving	1,450	1,250	960	300	3,960
Essex	103	46	20	16	185
Fairhaven	5	2	5	0	12
Fall River	0	2	6	0	8
Falmouth	2,000	1,800	2,300	800	6,900
Fitchburg	0	15	105	0	120
Foxboro	15	30	120	25	190
Framingham	10	30	60	85	185
Franklin	20	50	130	15	215
Freetown	0	20	17	3	40
Georgetown	40	18	12	10	80
Gill	200	110	80	0	390

MASSACHUSETTS - 1938.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1938.

Towns showing definite acreages of defoliation (continued)

Number of acres defoliated and the degree of defoliation in Massachusetts.

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Grafton	10	10	10	0	30
Granby	400	235	90	20	745
Greenfield	200	135	100	10	445
Greenwich	150	75	125	110	460
Groton	0	35	40	0	75
Halifax	20	20	5	0	45
Hamilton	218	114	101	94	527
Hanson	40	35	0	0	75
Hardwick	5	40	20	0	65
Harvard	25	85	75	5	190
Harwich	1,500	1,500	1,700	1,800	6,500
Hatfield	1,100	600	410	280	2,390
Haverhill	15	8	6	0	29
Hingham	175	250	300	75	800
Holbrook	5	7	50	0	62
Holland	55	70	60	15	200
Holliston	25	130	100	0	255
Holyoke	1,300	400	600	1,200	3,500
Hudson	0	0	125	195	320
Ipswich	203	110	84	57	454
Kingston	25	40	60	0	125
Lakeville	50	25	0	0	75
Lancaster	0	0	340	125	465
Leicester	65	75	100	30	270
Leominster	0	0	135	0	135
Leverett	2,100	1,150	490	260	4,000
Lexington	60	30	18	11	119
Leyden	100	60	65	0	225
Lincoln	10	420	200	225	855
Littleton	0	35	145	125	305
Lunenburg	0	85	100	0	185
Lynn	200	150	100	50	500
Lynnfield	630	290	205	190	1,315
Mansfield	0	25	160	35	220
Marlboro	0	0	45	110	155
Marshfield	125	250	75	0	450
Mashpee	250	300	300	125	975

MASSACHUSETTS - 1938.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1938.

Towns showing definite acreages of defoliation (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Mattapoisett	125	125	125	25	400
Maynard	0	0	20	40	60
Medfield	0	30	70	15	115
Medway	0	5	5	0	10
Melrose	27	15	2	1	45
Mendon	3	5	0	0	8
Merrimac	6	2	2	0	10
Methuen	65	40	30	15	150
Middleboro	250	250	150	0	650
Middleton	165	110	80	50	405
Millis	5	10	45	0	60
Milton	20	20	30	10	80
Montague	800	350	250	35	1,435
Montgomery	36	20	5	0	61
Natick	0	32	0	0	32
New Bedford	5	15	6	0	26
New Braintree	105	150	125	20	400
Newbury	35	49	30	20	134
Newburyport	3	2	1	0	6
New Salem	25	20	10	5	60
Norfolk	0	0	5	0	5
Northampton	1,750	900	480	570	3,700
North Andover	138	87	41	30	296
North Attleboro	0	15	30	10	55
Northboro	15	45	20	15	95
North Brookfield	5	15	90	10	120
Northfield	835	450	220	125	1,630
North Reading	61	31	18	12	122
Norton	0	35	160	80	275
Norwell	150	150	75	0	375
Norwood	0	5	25	0	30
Oakham	15	40	10	0	65
Orange	150	195	90	50	485
Orleans	150	175	175	200	700
Oxford	10	50	40	20	120
Paxton	20	15	0	0	35
Peabody	475	305	200	165	1,145
Pelham	900	700	400	250	2,250

MASSACHUSETTS - 1938.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1938.

Towns showing definite acreages of defoliation (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Pembroke	50	55	70	0	175
Pepperell	0	5	85	55	145
Plainville	0	15	45	15	75
Plymouth	1,000	1,500	750	200	3,450
Provincetown	0	25	0	0	25
Randolph	0	75	265	600	940
Raynham	0	108	385	165	658
Rehoboth	0	50	190	60	300
Rochester	20	20	0	0	40
Rockland	50	50	25	0	125
Rowley	46	25	18	17	106
Russell	70	30	30	25	155
Salisbury	185	140	105	90	520
Sandwich	1,500	1,500	2,700	1,500	7,200
Saugus	175	110	85	80	450
Seekonk	0	0	2	5	7
Sharon	0	245	1,060	710	2,015
Sherborn	60	175	175	175	585
Shirley	0	75	130	75	280
Shutesbury	1,400	1,215	1,560	235	4,410
Southbridge	10	35	55	40	140
South Hadley	400	320	150	300	1,170
Southampton	425	340	250	285	1,300
Spencer	75	135	25	15	250
Sterling	0	0	125	50	175
Stoughton	0	39	75	52	166
Stow	0	40	25	25	90
Sturbridge	75	300	240	85	700
Sudbury	0	95	10	0	105
Sunderland	1,300	675	750	475	3,200
Sutton	5	10	5	0	20
Taunton	0	190	365	30	585
Templeton	5	5	0	0	10
Tewksbury	90	40	40	25	195
Tisbury	30	30	40	25	125
Topsfield	19	9	4	0	32

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Towns showing definite acreages of defoliation (continued)

Number of acres defoliated and the degree of defoliation in Massachusetts.

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Townsend	0	25	40	0	65
Truro	250	250	300	300	1,100
Tyngsboro	68	37	20	10	135
Uxbridge	5	5	10	0	20
Wakefield	40	35	7	5	87
Walpole	20	75	15	0	110
Waltham	0	100	155	170	425
Ware	40	60	30	15	145
Wareham	100	100	150	25	375
Warren	15	30	20	5	70
Wayland	0	0	35	30	65
Webster	30	75	75	35	215
Wellfleet	450	700	900	500	2,550
Wendell	1,220	700	310	30	2,260
Wenham	47	26	21	18	112
Westboro	10	5	0	0	15
West Bridgewater	30	40	5	0	75
West Brookfield	25	90	85	10	210
Westford	53	32	15	15	115
Westhampton	100	60	50	10	220
Weston	0	70	175	260	505
Westport	0	25	5	0	30
West Tisbury	30	20	0	0	50
Westwood	15	40	205	35	295
Weymouth	0	10	75	30	115
Whately	300	100	185	70	655
Williamsburg	275	150	150	300	875
Wilmington	95	55	25	25	200
Woburn	8	7	3	1	19
Wrentham	0	20	130	25	175
Yarmouth	450	450	600	600	2,100
Totals:	43,441	40,116	42,772	28,019	154,348

MASSACHUSETTS - 1938.

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In addition to reports showing definite defoliation, the following towns were reported as having very light or no gypsy moth feeding:

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Agawam	East Longmeadow	Longmeadow	Phillipston	Swampscott
Arlington	Edgartown	Lowell	Plympton	Swansea
Ashfield	Everett	Ludlow	Prescott	Upton
Auburn	Gardner	Malden	Princeton	Wales
Barre	Gay Head	Manchester	Quincy	Warwick
Bellingham	Gloucester	Marblehead	Reading	Watertown
Belmont	Goshen	Marion	Revere	Wellesley
Blackstone	Gosnold	Medford	Rockport	West Boylston
Blandford	Granville	Milford	Royalston	Westfield
Boylston	Groveland	Millbury	Rutland	Westminster
Brookfield	Hadley	Millville	Salem	West Newbury
Brookline	Hampden	Monson	Scituate	West Springfield
Cambridge	Hanover	Nahant	Shelburne	Whitman
Chelsea	Holden	Nantucket	Shrewsbury	Wilbraham
Chesterfield	Hopedale	Needham	Somerset	Winchendon
Chicopee	Hopkinton	Newton	Somerville	Winchester
Colrain	Hubbardston	Northbridge	Southboro	Winthrop
Dana	Hull	Oak Bluffs	Southwick	Worcester
Dudley	Huntington	Palmer	Springfield	
East Brookfield	Lawrence	Petersham	Stoneham	