

NORTHEAST HAWKWATCH REPORT

The North East Hawk Watch promotes the systematic study of migrating hawks in New England, southeastern New York, and northeast New Jersey. The planning for NEHW activities is carried on by the Officers and a Board of Directors. Membership is open to anyone. Annual dues are \$10 payable to the treasurer: Joe Wojtanowski, PO Box 142, Poquonock CT 06064. Other officers: Paul Roberts, President - 254 Arlington St. Medford, MA 02155; Larry Fischer, Vice President, 124 Sugar Street, Newtown, CT 06470; Seth Kellogg, Clerk - 377 Loomis St. Southwick, MA 01077

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totals should be sent to the state coordinators listed below by August 1 (spring) and February 1 (fall). Timely submission is essential if this report is to be printed and mailed to you on time. Please contact the Editor about any errors you may find in the data, dates, observer names, or watch locations.

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The front cover is by Paul Carrier of Harwinton, Connecticut, who has been drawing our covers since 1974. The NEHW logo was designed by Sue Fogleman of New Hampshire.

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THE 2010 SPRING MIGRATION

COVERAGE AND SITE ACCOUNTS

Sandy Hook numbers took a clear turn for the better, starting with Sharp-shinned Hawk, whose total count was the best since 1999. The watch recorded the most Turkey Vultures and Bald Eagles ever, and others above average were Osprey, Cooper's Hawk, Redshoulder, and the big falcons. Kestrel led the list of paltry numbers, followed by Broadwing and Redtail. After two straight seasons of disappointment, **Montclair** certainly deserved the excellent flights of Spring 2010. The Broadwing count was the best since 2002 and almost 20% above the 23-year average. Equally impressive and satisfying was the second best Osprey flight (a bit below 1989). Record highs were set for Black Vulture, Bald Eagle, Merlin, and Peregrine. The Cooper's Hawk total was double its average and Turkey Vulture, Harrier, and Sharpshin Hawk were only a little shy of the average. The only weak spots in the roster were Redtail and Kestrel. The trend of fewer hours continued at **Wildcat Ridge**, but the 14 year per-hour figures have remained remarkably consistent overall. The 2010 season was 17% below the average for those years.

The Poquonock watch made a shift in mid-season to a site only three miles north of the earlier Peak Mt. site and on the western side of the same ridge. It is located a hundred yards from the state line in the **Suffield Wildlife Management Area**, an area of open grassland. The result was an impressive inland per-hour average of 6.1, featuring 1077 Broadwings, 127 Ospreys, 36 Harriers, and 66 Kestrels in 266 hours of watching. Also recorded were two Golden Eagles and the only Roughleg in the

northeast. I want to note here that the fall 2009 watch at Poquonock had an incorrect watch hours total of 772. The correct number of hours was 900. This was the most hours for a seasonal watch in the region ever. Coverage returned to normal at **Barre Falls** and the Broadwing count soared well above average to 1101. However, the only other species above average were Turkey Vulture and Cooper's Hawk. Bald Eagle came close, but the others lagged badly, especially Redtail and Kestrel. Osprey and Sharpshin have now been low for three straight years.

Pilgrim Heights coverage dropped off from 2009, but still was above the 12-year average. Overall the count was the highest ever and the most per-hour except for 2001. Good totals for Turkey Vulture and Broadwing made that possible, along with healthy numbers for most other species. Redtail and Peregrine reached record highs, and only Harrier, Cooper's Hawk and Kestrel were below average. After two encouraging seasons, the Kestrel count at **Plum Island** dropped to less than half what it was. Peregrines dipped to 5 compared to 21 in 2009, but the Merlin tally climbed again. Sharpshins held up, but Osprey, Harrier, and Cooper's Hawk were weak.

New Hampshire joined the spring ranks with a trial watch at Pitcher Mt. Results warrant further work. The counts at **Bradbury Mt** kept up their impressive pace, with another round of high season totals for Turkey Vulture, Osprey, Cooper's Hawk, Broadwing, and Redtail. They also counted the most Kestrels over the short four-year history at this northern site. Equally

surprising was the drastic falloff of Merlins. All other species held up well. Per-hour the count was double-digit at 10.3. The success of northern sites such as Bradbury in recording good flights is apparently no fluke, for a forty-hour stint at the new **Greenlaw Mt.** watch in New Brunswick was a big success. The per-hour figure for all migrants was 14.8, fueled by an excellent count of 379 Broadwings.

SPECIES ACCOUNTS

The hope for better **Broad-winged Hawk** flights was more than fulfilled in 2010, with an absolute count that was the most since 1999 and 43% above the ten-year average. Per-hour it was 15% above average. Montclair and Bradbury Mt. were the biggest contributors, but Suffield and Barre Falls were surprisingly productive.

The **Osprey** recovered splendidly from two straight poor seasons, exceeding by 27% its ten-year average per-hour and shattering the previous high ten-year absolute count set in 2007. Bradbury Mt. led the charge with half a thousand birds followed by Montclair and Pilgrim heights. Suffield WMA had the best inland flight.

The **Bald Eagle** continues to roll on like an unstoppable tsunami, almost matching its amazing record high absolute count set in 2008. Per-hour it was only a little less impressive, but either way, it was the fourth straight year of very high numbers. Six different sites had excellent counts, led by Bradbury Mt.

Though the **Northern Harrier** slipped a bit from the last two monster years, that still left it 36% above the ten-year average in absolute terms, and 15% above per-hour. Sandy Hook and Bradbury Mt. were far and away the biggest producers, but Suffield had an impressive inland total.

We thought the **Sharp-shinned Hawk** had come all the way back in 2009, but it proved not so. The dreary days of 2005-2006, the hopeful ones of 2007-2008 and the relief of 2009 gave way to near rejoicing as numbers reminded us of the glory days. It was the highest absolute count since 1989 and the best total per-hour since 1999, 32% above the ten-year average. True, almost half the count was at Sandy Hook, and Bradbury Mt. supplied a big number, but it is still reassuring that this little hunter is out there flying.

It was a near repeat of the good flight of 2009 for the **Cooper's Hawk**, 28% above the ten-year average in absolute terms, but only slightly above the average per-hour. The Sharp-shin/Cooper's ratio was 7.6 to 1 compared to the 5.3 to 1 in 2009 and the ten-year average of 6.1 to 1. The **Northern Goshawk** count has been steady the last three years, and half the migrants were at Bradbury Mt.

With the **Red-shouldered Hawk** we finally come to a severe drop in numbers from 2009, but it was more a return to normal after an unusually big year. The absolute count was still well above every year 2000-2008 and the per hour figure was above the ten-year average. Not surprisingly Sandy Hook, Bradbury Mt., and Montclair were the hot spots.

After a big year in 2009, the **Red-tailed Hawk** returned to average, even below that level per-hour. Over half the count was at Bradbury Mt. and Pilgrim Heights. The ratio of Redtail to Redshoulder was 2.7 to 1, below the ten-year average.

The falcons made news again, this time with dramatic changes. The **American Kestrel** did not fall to the scary levels of 2005-2006, but it fell enough to keep us concerned. Per-hour it was 12% below the ten-year average but the absolute count was 5% higher. Only 108 birds were counted at watches well inland, one out of 14. Bradbury Mt., Plum Island, and Sandy Hook, accounted for 72% of the birds.

In contrast there was a massive, unprecedented flight of **Merlins** amounting to 40% of the Kestrel count, unthinkable a few years ago. The absolute total almost doubled both the ten-year average and the 2009 total. This was a record for both absolute and per-hour numbers. Sandy Hook counted more than half of these birds, and there were only two seen well inland.

The big **Peregrine Falcon** flight was not so amazing, but mostly because super-high numbers have been posted for three years in a row now. That level is 36% above the ten-year per-hour average. All but ten of the 70 birds were at Pilgrim Heights, Montclair, and Sandy Hook.

Montclair provided over 75% of the **Black Vulture** count in 2010, which was double the record number set just last year. Regionally the **Turkey Vulture** set record highs both for absolute and per-hour counts. The surge was led by Pilgrim Heights, followed by Sandy Hook, Montclair, and Bradbury Mt, with these four sites producing 85% of the overall total.

Pilgrim Heights had nine **Mississippi Kites** and Sandy Hook two. Compare this to one **Rough-legged Hawk** (at Suffield) and four **Golden Eagles** (2 each at Suffield and Pitcher Mt.)

FLIGHT ACCOUNT

February 12-March 16

Spring did not come early to the northeast in 2010, as cold and snow prevailed, culminating in one more bout of winter on the final five days of February and a final follow-up storm that slid off the coast on 3/3. That early March storm lingered over the ocean and kept new systems at bay for ten days. Skies were mostly clear, temperatures at or above freezing, and winds moderate from the north. Sandy Hook counted 48 Redshoulders and 23 Cooper's Hawks on 3/7-8, when winds swung around more from the west and strengthened a bit. Clouds on 3/12 finally heralded the arrival of the next storm system from the west, and three days of rain closed the period. The severely raptor-deprived and obsessed among us were out for 59 watch days and 204 hours finding 330 migrants, 146 early buteos, 82 vultures and 43 Cooper's Hawks.. The passage rate of 1.6 per hour only slightly more than the previous year.

March 17-30

The period started with another stretch of settled conditions as high pressure covered the entire continent and lighter winds came from the north ahead of it 3/17-18. Over the next three days the center slowly sank into the south and off the coast, bringing light southwest wind and balmy temperatures. Vultures were seen on the coast (50 at Sandy Hook and 47 at Montclair March 18-20), but Redtails moved more inland in the south concentrating only at Bradbury Mt., where 80 were counted March 17-20. A storm arrived from the west on 3/22, finally bringing some colder temperatures, but also a string of storms that disrupted any chance of prolonged or widespread flight.

Then came two cold, clear days and three days of clouds and rain, bringing an end to a disappointing month. The only flight was on 3/25, when Bradbury Mt. counted almost 200 migrants, including 87 Turkey Vultures and 67 Redtails. Over 71 watch-days and 374 hours there were only 1561 migrants, a rate of 4.2 per-hour. Vultures were 37% of the flight, big buteos 30%, and accipiters 17%, very similar figures to 2009.

March 31- April 9

The last day of March saw a storm moving past New England and a high pressure poised to move north from the Gulf and through the region. The only front was far to the west. For eight days light winds blew and temperatures rose, reaching 90 degrees 4/7-8. At first the results were only modest counts at Bradbury Mt. (50 Redtails and 60 vultures April 1-3, 80 accipiters April 2-4.). Then a southwest flow ensued, bringing a surge of migrants, showing first on 4/5 at an odd location, Plum Island (65 Kestrels). The next day Montclair counted 58 Ospreys, 46 accipiters, 80 Kestrels, and 20 Broadwings, while Sandy Hook had 85 Kestrels. On 4/7, Bradbury Mt. experienced their first "awesome" day with 69 Osprey, 25 Harriers, 120 accipiters, and an amazing 252 Kestrels. That day and the next Sandy Hook counted 164 accipiters, 48 Kestrels, and 29 Merlins. The front from the west finally arrived April 9, ending the period. There were 46 watch-days and 259 hours with 2332 migrants, making the passage rate 9 per-hour, an impressive figure. Falcons were a whopping 36% of the flight, accipiters 24%, Harriers and Ospreys 17%, and vultures 16%.

April 10-20

Early prime time began with light winds, warm temperatures and another delay/dispersal of the migration. Plum Island caught the tail end of the Kestrel flight, 103 on 4/10-11. Sandy Hook had 60 accipiters on 4/11 when Suffield welcomed 33 early Broadwings. Montclair followed with 41 the next day. This was no big push, and, when the wind died 4/13, such modest movements did too. A front finally came through and dropped to the south 4/16, clearing out the region with favorable west winds. Sandy Hook chipped in 79 falcons on 4/17, but Broadwings were now the

featured attraction. Montclair registered 998 on 4/17-19, Barre Falls 691 on 4/19-20, Suffield 503 on 4/20-21, Bradbury Mt. 662 on 4/20-22, and Greenlaw Mt, 311 on 4/21-22. Added to those at Bradbury Mt. on 4/22 were 29 Ospreys, 91 Sharpshins, and 47 Kestrels, making it another "awesome" day. That day a front dropping from the north was on our doorstep, poised to interrupt the flight. This early prime period had 91 watch-days and 574 hours, producing a modest 7059 migrants at a robust rate of 12.3 per hour. Broadwings had come to the table with 60%, accipiters were 13%, falcons 9%, and Ospreys, Bald Eagles and Harriers combined for 8%.

April 23-May 4

The front passed offshore, bringing north winds and high pressure to briefly dominate the region as a storm system from the west stalled on our doorstep. The remnant of Broadwings from the earlier flight rushed north, 142 at Montclair 4/23, 69 at Suffield 4/24, and 97 at Bradbury Mt. 4/25. When the storm passed off the coast on 4/27, winds freshened from the northwest and so did the migrants; and not just Broadwings. Twenty Harriers passed Sandy Hook on 4/28, then 1072 Sharpshins and 23 more Harriers on 4/29. The tally on 4/28-30 was 155 Merlins. On 4/28-29 Montclair had 634 Broadwings and 58 Ospreys and 4/30-5/2 Bradbury Mt. counted 636 Broadwings and 141 Sharpshins. Plum Island noted 48 Kestrels and 34 Merlins on 4/30. Broadwings that day were 115 at Barre Falls and 111 at Suffield. Finally, on 5/4, the period was closed with Pilgrim Heights counting 220 Sharpshins and 43 Broadwings. In 2009 south winds and a heat wave had ripped a good flight apart, but in 2010 a late flurry turned a good season great. Watchers were on station for 72 watch days and 438 hours. Another 6992 migrants gave us a passage rate of 16 per hour. Broadwings accounted for 38% of the total, accipiters 40%, falcons 9%, and Osprey, Bald Eagle, and Harrier 8%.

All other watches were closed down by 5/15, but the immature Broadwing flight at Pilgrim Heights was very good 5/22-6/9, when 293 passed. Late season watching was for 387 hours and 84 days, counting 1528 migrants, 3.9 per-hour.

Northeast Spring 2010 Seasonal Totals

SITE	HRS	BV	TV	OS	BE	NH	SS	CH	RS	BW	RT	AK	ML	PG	MK	NG	RL	GE	UR	TOTAL
Sandy Hook	334	11	480	121	21	128	2066	232	100	79	72	338	364	16	2	3	0	0	5	4038
Montclair	389	150	348	323	32	38	411	103	53	2107	30	172	41	18	0	0	0	0	89	3915
Wildcat Ridge	124	11	0	18	4	3	41	13	2	346	21	7	0	0	0	0	0	0	8	474
Poquonock	75	0	10	0	2	1	4	6	7	0	32	0	0	0	0	0	0	0	3	65
Suffield WMA	266	8	114	127	17	36	71	16	21	1077	45	66	1	2	0	0	1	2	14	1624
Barre Falls	151	0	104	80	18	10	118	20	11	1101	66	31	1	0	0	0	0	0	13	1573
Plum Island	121	0	18	27	0	39	133	9	0	0	0	305	88	5	0	0	0	0	16	640
Bradbury Mt	433	1	354	500	52	106	724	97	67	1746	292	450	44	3	0	7	0	0	31	4474
Pilgrim Heights	353	14	954	205	21	13	530	46	15	488	157	122	73	26	9	2	0	0	2	2684
Pitcher Mt	23	0	28	3	1	2	5	1	2	50	8	4	0	0	0	2	0	2	8	117
Greenlaw Mt	40	0	43	17	0	5	77	1	2	379	32	16	0	0	0	0	0	0	15	587
	2308	195	2453	1421	168	381	4180	544	280	7373	755	1511	612	70	11	14	1	4	204	20191

SITE TOTALS FOR SPRING 2005-2010 WITH HISTORICAL AVERAGES

Averages computed for years of coverage indicated

Sandy Hook - New Jersey 1979-1994, 1999-2004, 2008-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2003	62	500	9	195	52	7	84	1453	208	2	66	105	75	0	0	422	251	14	12	2957	5.9
2004	62	405	3	307	39	18	126	686	327	2	91	97	93	0	1	334	272	11	6	2421	6.0
2008	55	312	4	207	103	15	139	828	126	3	35	50	63	2	0	387	219	27	6	2219	7.1
2009	44	295	12	310	37	12	81	1223	248	0	181	58	193	0	0	502	105	19	0	2981	10.1
2010	53	334	11	480	121	21	128	2066	232	3	100	79	72	0	0	338	364	16	5	4038	12.1
99-10 Avg	59	405	7.4	238	62	12	109	1375	236	1.8	95	85	79	0.3	0.2	562	234	16	4	3119	7.7

Montclair, New Jersey 1979-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	57	360	28	512	138	10	34	362	105	0	84	616	187	0	0	155	27	2	53	2314	6.4
2006	56	303	34	121	94	6	16	293	47	0	29	1312	54	0	0	119	17	1	21	2164	7.1
2007	55	329	18	289	273	9	39	497	139	1	60	1294	82	0	0	238	28	7	20	2994	9.1
2008	54	310	22	131	114	9	41	244	42	0	43	526	19	0	0	81	15	10	18	1456	4.7
2009	57	343	50	132	88	17	25	209	106	1	59	707	50	0	0	141	12	3	49	1649	4.8
2010	57	389	150	348	323	32	38	411	103	0	53	2107	30	0	0	172	41	18	89	3915	10.1
86-10 Avg	52	318	16	353	195	7.8	47	522	49	0.4	49	1779	163	0.1	0.0	308	21	4.6	37	3487	11.0

Wildcat Ridge - Hibernia, New Jersey 1997-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	47	208	15	12	21	3	4	116	21	0	11	499	94	0	0	25	0	0	23	844	4.1
2006	49	257	5	25	50	4	6	147	56	0	19	712	112	0	2	21	4	4	44	1211	4.7
2007	30	165	8	33	89	8	23	197	44	0	8	680	102	0	1	20	2	2	15	1232	7.5
2008	44	204	3	0	49	6	10	117	41	0	10	265	45	0	0	27	3	0	14	590	2.9
2009	34	172	4	0	41	5	4	123	12	0	14	477	30	1	1	25	2	2	5	746	4.3
2010	26	124	11	0	18	4	3	41	13	0	2	346	21	0	0	7	0	0	8	474	3.8
97-10 Avg	55	370	15	80	73	6.9	16	151	32	0.4	23	745	135	0.1	0.8	54	2.1	1.3	22	1355	3.7

Peak Mt, East Granby, Poquonock/Suffield, Connecticut 2005-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	27	136	1	60	34	5	11	65	16	2	11	513	69	2	2	29	4	4	21	849	6.2
2006	63	255	5	196	96	5	21	140	21	0	28	869	166	1	1	87	7	3	31	1678	6.6
2007	40	140	3	178	45	6	22	87	17	1	18	459	117	2	2	41	4	2	20	1024	7.3
2008	73	300	7	270	107	14	44	148	35	1	34	487	137	1	0	122	15	5	35	1462	4.9
2009	80	380	24	244	75	22	15	111	35	2	36	634	172	1	2	30	6	3	27	1440	3.8
2010	69	341	8	124	127	19	37	75	22	0	28	1077	77	1	2	66	1	2	17	1689	5.0
05-10 Avg	59	259	8	179	81	12	25	104	24	1	26	673	123	1	2	63	6	3	25	1357	5.2

Barre Falls, Massachusetts 1999-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	36	180	0	93	118	21	16	200	20	2	31	426	182	0	0	76	7	3	17	1212	6.7
2006	32	156	0	76	158	16	20	206	18	0	21	1513	168	0	0	46	8	1	25	2276	14.6
2007	28	135	0	35	211	49	24	205	20	1	16	1157	121	1	0	62	4	2	18	1926	14.3
2008	30	134	0	115	51	13	6	123	7	3	23	313	115	2	0	34	2	0	16	823	6.1
2009	25	118	0	64	66	19	14	100	10	1	11	593	78	0	0	67	2	1	8	1034	8.7
2010	44	151	0	104	80	18	10	118	20	11	1101	66	31	1	0	0	0	0	13	1573	10.5
02-10 Avg	33	154	0	81	129	20	18	166	16	2	143	709	115	0	0	60	7	1	17	1485	9.6

Pilgrim Heights - Truro, Massachusetts 1990-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	69	311	0	544	132	12	22	360	68	4	8	299	137	1	0	131	54	8	11	1793	5.8
2006	64	308	0	390	205	13	25	276	38	2	20	309	65	0	0	279	60	12	7	1705	5.5
2007	82	366	2	739	145	33	29	590	86	2	8	458	140	2	0	241	91	22	6	2592	7.1
2008	81	333	2	768	135	13	23	228	55	4	23	499	89	6	0	229	51	20	14	2164	6.5
2009	92	414	2	989	161	24	21	365	80	2	23	227	103	2	0	408	48	11	7	2474	6.0
2010	91	353	14	954	205	21	13	530	46	2	15	488	157	0	0	122	73	26	2	2684	7.6
99-10 Avg	73	333	2.0	647	174	20	35	439	66	3.0	11.4	326	112	1.9	0.0	238	59	13	22	2177	6.5

Plum Island - Newburyport, Massachusetts 2007-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2007	16	64	0	9	24	1	39	196	13	0	0	1	1	0	0	224	43	6	23	580	9.1
2008	24	136	0	29	31	0	64	64	12	0	0	1	1	4	0	663	53	9	7	938	6.9
2009	30	136	0	44	35	5	121	141	18	0	0	1	5	4	0	672	79	21	7	1154	8.5
2010	23	121	0	18	27	0	39	133	9	0	0	0	0	0	0	305	88	5	16	640	5.3
07-10 Avg	23	114	0	25	29	2	66	134	13	0	0	1	2	2	0	466	66	10	13	828	7.4

Bradbury Mt - Pownal, Maine 2004-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH
2005	11	56	0	2	87	5	12	134	7	0	0	734	11	0	0	78	8	0	8	1086	19.4
2006	17	91	0	6	190	4	13	172	6	0	1	617	10	0	0	125	13	0	11	1170	12.9
2007	54	396	1	70	288	38	48	415	25	4	29	805	178	3	0	175	25	1	18	2123	5.4
2008	57	434	3	135	369	96	72	828	45	6	45	1463	192	1	0	325	91	4	37	3713	8.6
2009	59	443	1	280	321	46	114	747	56	6	92	1652	273	0	1	394	68	6	57	4116	9.3
2010	58	433	1	354	500	52	106	724	97	67	1746	292	450	44	3	7	0	0	31	4474	10.3
07-10 Avg	57	426	2	210	370	58	85	679	56	21	478	1053	273	12	1	225	46	3	36	3607	8.4

MONTCLAIR, NEW JERSEY														SANDY HOOK, NEW JERSEY															
Jason Petrzak, Coby Klein, Elsa and Wayne Greenstone, Ray Gilbert														John van Dort															
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
3/16	5	0	0	0	0	3	2	0	0	0	2	0	0	12	3/7	3	0	0	0	2	0	20	0	0	0	30	0	12	64
3/17	7	0	0	1	0	4	2	0	0	0	9	0	10	30	3/8	2	0	0	0	0	6	3	0	0	0	18	2	6	37
3/18	8	0	0	2	1	2	3	0	0	1	6	1	29	50	3/16	6	0	0	0	0	3	4	1	0	0	4	0	8	20
3/19	8	0	1	1	0	4	0	0	0	0	7	0	11	36	3/17	7	0	0	1	2	2	4	0	1	0	4	3	4	21
3/20	9	0	1	0	0	3	2	0	1	0	2	0	17	34	3/18	8	0	1	0	0	8	1	1	0	0	6	9	19	45
3/21	8	0	7	0	0	0	0	1	0	0	0	1	0	11	3/19	7	0	0	0	0	11	3	0	0	0	5	6	21	46
3/24	8	0	5	3	2	8	6	3	1	0	2	0	15	50	3/20	6	0	0	0	0	6	3	0	0	0	2	4	29	45
3/25	8	0	13	0	0	2	5	1	0	0	5	3	22	56	3/21	5	0	0	0	0	4	0	1	0	0	2	1	3	11
3/26	8	0	6	0	0	0	1	0	1	0	0	1	0	9	3/23	6	0	4	0	0	5	1	1	1	0	2	0	0	14
3/27	8	0	5	1	0	1	4	2	0	0	1	1	39	67	3/24	8	0	6	2	1	8	6	4	0	3	2	0	5	37
3/28	3	0	0	0	0	0	2	1	0	0	0	0	1	4	3/25	8	0	2	0	0	20	13	0	0	0	9	2	31	77
3/31	9	0	10	2	1	3	4	1	2	0	5	2	18	52	4/1	8	0	5	0	1	2	2	1	0	1	4	4	18	39
4/1	9	0	10	1	2	1	2	1	1	0	1	1	34	69	4/2	7	0	1	1	2	4	3	1	0	0	2	1	7	22
4/2	8	0	7	0	0	1	2	2	0	0	1	0	4	18	4/3	7	0	1	0	0	2	2	3	2	0	0	0	0	10
4/3	8	0	1	0	0	1	1	3	1	0	1	1	10	20	4/4	6	0	3	0	1	0	1	9	2	0	1	0	6	23
4/4	5	0	4	0	0	0	0	1	0	0	0	1	5	16	4/5	8	0	0	0	3	6	3	3	1	0	2	1	41	60
4/5	8	1	2	1	2	0	3	2	1	0	2	2	31	50	4/6	8	0	23	0	11	10	1	85	13	0	0	0	0	144
4/6	9	20	58	0	12	32	14	80	6	1	3	2	38	267	4/7	7	0	7	0	11	84	13	37	8	0	1	1	18	180
4/7	8	5	11	0	4	13	4	6	0	1	1	3	20	75	4/8	8	0	4	0	3	52	12	11	21	0	0	1	6	110
4/8	8	3	3	1	0	2	5	3	2	2	0	0	5	27	4/9	6	0	0	0	0	1	1	3	0	0	0	0	0	5
4/9	6	13	5	0	0	2	0	2	0	0	1	0	2	27	4/10	7	0	0	0	0	5	5	5	1	0	0	0	2	18
4/10	8	11	0	1	0	0	0	2	0	1	0	0	2	18	4/11	8	2	6	1	1	48	12	6	15	1	1	3	5	104
4/11	9	6	4	0	2	7	1	0	0	0	1	2	0	25	4/12	8	2	1	1	13	13	7	4	6	0	0	4	4	55
4/12	9	41	11	0	0	6	5	7	1	0	0	2	14	104	4/14	8	0	1	0	1	6	2	3	4	0	0	1	17	35
4/13	6	1	0	0	0	2	0	0	0	0	0	0	0	3	4/15	8	0	1	2	2	24	2	3	3	0	0	2	6	46
4/14	9	9	1	0	0	0	3	0	0	0	0	0	0	15	4/17	8	0	23	0	2	6	1	65	13	1	0	0	2	114
4/15	8	37	8	1	1	16	0	8	1	1	1	2	8	99	4/18	7	1	2	0	0	23	3	5	3	0	0	1	0	38
4/16	6	6	4	0	0	1	0	3	0	1	0	1	0	18	4/19	8	1	2	0	4	12	5	14	6	0	0	0	0	44
4/17	7	333	18	0	1	13	1	7	1	2	0	1	0	381	4/20	8	2	6	0	5	21	9	3	4	1	0	2	31	87
4/18	8	358	17	0	1	17	3	6	4	0	0	0	0	416	4/21	4	0	0	0	0	5	1	5	1	0	0	2	17	31
4/19	8	207	4	3	2	30	1	3	1	0	0	0	0	263	4/22	7	0	1	0	2	6	1	0	4	0	0	1	0	15
4/20	8	94	1	1	3	20	2	3	0	2	0	0	0	139	4/23	6	1	0	0	2	22	2	8	0	0	0	0	2	37
4/21	5	35	1	0	1	18	2	6	5	0	0	3	5	79	4/24	7	0	0	0	0	6	2	0	2	0	0	1	15	26
4/22	9	43	5	0	1	23	3	5	1	0	0	0	0	90	4/27	8	0	1	0	0	3	0	2	20	2	0	0	0	28
4/23	8	142	3	0	0	18	1	2	0	1	0	0	0	173	4/28	8	1	6	0	20	50	5	8	32	1	0	0	0	123
4/24	6	6	1	0	0	7	2	1	0	0	0	0	8	26	4/29	9	11	9	4	23	1072	33	10	44	1	0	2	6	1218
4/27	8	14	10	2	0	10	1	4	2	0	0	0	0	47	4/30	11	26	2	5	14	224	24	20	79	2	2	6	42	446
4/28	8	427	42	1	0	33	2	1	3	0	0	0	0	521	5/1	7	7	2	0	1	105	11	4	13	0	0	4	0	147
4/29	8	207	16	2	1	64	4	2	4	2	0	0	0	310	5/2	6	9	0	1	0	40	1	6	32	1	0	2	44	137
4/30	8	53	8	2	1	25	5	1	0	0	1	0	0	102	5/3	4	1	0	2	0	28	4	0	10	0	1	2	2	50
5/1	7	12	8	2	0	8	2	2	2	1	1	0	0	41	5/4	7	4	0	0	1	84	4	1	11	1	0	1	39	149
5/2	8	3	1	0	0	5	0	0	0	1	0	0	0	12	5/5	7	6	1	0	0	24	1	1	4	0	0	0	0	37
5/3	2	3	1	0	0	3	1	0	0	0	0	0	0	8	5/7	4	0	0	0	0	0	1	0	1	0	0	2	0	5
5/4	7	3	0	1	0	1	0	0	0	0	0	0	0	5	5/8	3	5	0	0	0	2	0	0	3	1	0	1	6	18
5/5	5	1	2	0	0	1	1	0	0	0	0	0	0	5	BARRE FALLS, MASSACHUSETTS														
5/6	7	0	2	1	0	1	0	0	0	0	0	0	0	4	Barton Kamp, David Grant, Donna Schilling, Don Gardella, others														
5/7	6	0	2	1	0	0	1	0	0	0	0	0	0	4															
5/8	4	6	1	0	0	0	0	0	0	0	0	0	0	7															
5/9	6	1	1	0	0	0	0	0	0	1	0	0	0	7															
5/10	7	2	1	1	0	0	0	0	0	0	0	0	0	5															
5/11	5	1	0	0	0	0	0	0	0	0	0	0	0	2															
5/13	6	0	1	0	0	0	0	0	0	0	0	0	0	3															
5/15	6	3	0	0	0	0	0	0	0	0	0	0	0	3															
WILDCAT RIDGE - HIBERNIA, NEW JERSEY														GREENLAW MT. - ST. ANDREWS, NEW BRUNSWICK															
Fred Vandeburgh, Rick Sedivek, Frank Budney, Kevin McCarthy, others														Todd Watts															
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
3/6	7	0	0	1	0	0	0	0	0	0	0	1	0	3	3/19	2	0	0	0	0	1	0	0	0	1	13	0	15	
3/16	7	0	0	0	0	0	0	0	0	0	0	4	0	15	3/20	3	0	0	0	0	1	0	0	0	0	3	0	4	
3/19	3	0	0	0	0	0	1	0	0	0	1	6	0	12	3/25	2	0	0	0	0	2	0	0	0	0	0	3	6	
3/20	7	8	0	0	1	1	3	2	0	0	0	4	0	19	3/27	2	0	0	0	1	0	0	1	0	0	1	2	6	
3/21	5	1	1	0	0	3	3	0	0	0	0	2	0	12	4/5	5	0	1	0	1	11	0	1	0	0	13	5	36	
3/27	6	1	0	0	0	0	1	1	0	0	0	0	0	3	4/11	4													

THE 2010 FALL MIGRATION

SITE ACCOUNTS

Of the 41 sites reporting in 2010, five had coverage greater than 500 hours, led by Chestnut Ridge with 754, a record high for the watch. Eight had coverage of between 340 and 475 hours, and five from 248 to 308. There were 11 in the span from 80 hours to 158 and five from 38 to 58. The seven remaining ranged from 3 to 27 hours. Significant changes to the roster were the reappearance of State Line Watch in New Jersey and several losses, Poquonock in north-central Connecticut, Little Round Top in central New Hampshire, Lenoir Sanctuary in southern New York, and Helderberg, New York. There were also several missing holes in the western Connecticut prime season watches. Substantially fewer hours were the story at Harpswell, Morris Island, Mt Wachusett, and Johnnycake Mt. A positive development was the blossoming of the nascent Boothe Park watch in southwest Connecticut, which jumped from 17 hours in 2009 to 153 in 2010. Other sites with substantial increases in hours were Pack Monadnock, Shatterack Mt., Fire Island, Mt. Peter, and Montclair.

NORTHEASTERN COASTAL SITES

Greenlaw Mt., our new northern outpost in New Brunswick, fulfilled the promise of its first year with a few more hours and an even better flight. Almost all species increased, but Osprey, Harrier and Kestrel showed the greatest improvement. Only Turkey Vulture and Goshawk showed slightly lower totals. **Cadillac Mt.** had another good Sharpshin year and record Bald Eagle and Redtail counts. Harriers and Merlins stayed plentiful but the shocking news was an above average Kestrel flight after two straight poor seasons. Per hour it was the best overall flight since 2001. **Harpswell Peninsula** hours were down a bit after near record coverage in 2009, and numbers dropped nearly across the board. Harrier, buteos, Merlin, and Peregrine were the exceptions, all increasing impressively. Downturns were especially steep for Sharpshin and Kestrel.

A solid effort at **Pinnacle Rock** resulted in record hours of watching and high numbers of Ospreys, Harriers and accipiters. The Cooper's Hawk and Merlin totals were the highest ever. Fewer hours took a toll on the **Morris Island** numbers, especially accipiters and Peregrines, but it was a down year for almost all species. Some numbers were close to 2009, when coverage was normal, but counts that year were also mostly low.

NEW HAMPSHIRE AND VERMONT

After some late season coverage last year at **Pitcher Mt.**, this year it was covered only in August, with sparser counts. Consistency is the word for the count at **Meredith** (Interlakes School), and Sharpshins and Broadwings were in good supply to mark 20 straight years of watching. Let's hope we can say the same for the new watch held for the first time by the Concord Schools, despite starting out with scant numbers. Also in Concord is **Carter Hill Observatory**, a New Hampshire Audubon effort in its third year. Hours were up a little, but numbers were much improved for every species except Redtail, Merlin, and

Peregrine. After five very successful seasons, **Pack Monadnock** was ready to reach for the sky with total coverage time. Records were set for Turkey Vulture, Osprey, Bald Eagle, and all three falcons. All other species did well, including an excellent Broadwing flight. In contrast, coverage at **Putney Mt.** slipped for the second straight year and was below average. Except for Retail, species counts did not suffer, and records high counts were reached for Cooper's Hawk, Redshoulder, and Merlin.

CENTRAL MASSACHUSETTS

Mt Watatic rebounded from a disappointing 2009 only with a big Broadwing flight, with other species remaining depressed. Bald Eagle, accipiters, and Redtail were the only ones above the recent average. Osprey and Kestrel remained especially scarce. Coverage at **Mt Wachusett**, was severely restricted by construction and road closures, limiting access only to the hikers. The results were predicatble, very low hours of coverage and poor counts across the spectrum of species. **Barre Falls** lagged behind Watatic for a Broadwing count, but neither that species nor any other was shabby in the least. Only Turkey Vulture, Goshawk, and the buteos were below average (Broadwings barely), though no species stood out as having a great year.

WESTERN MASSACHUSETTS

Prime time coverage only has been the rule at **Mt Tom** since 1990, but Tom Gagnon has not missed a year since 1964 (47 years). He hit the Broadwing flight big in 2010, only the second time since 1994. The **Shatterack Mt.** watcher had few Broadwings, but stayed on station into October to gather in respectable counts of most other species, especially Osprey. Broadwings were also on the scarce side at **Blueberry Hill** and all other species except Turkey Vulture were below average. Harrier, Redtail, and Kestrel did improve from 2009.

WESTERN CONNECTICUT

The mostly prime time coverage sites in western Connecticut (11 in 2009) have been expanding into nearly month long watches for some time. In 2010 there were four such watches covered for 50-85 hours and only three other sites with a total of a mere four days and 20 hours. The **Middle School** in Torrington improved its hours to nearly average, but counts did not follow suit except for Bald Eagle. Broadwings and Kestrels increased over 2009, but other species remained on the low side. **Botsford Hill** recorded a few more Broadwings than Middle School in 2010, but Ospreys and accipiters are much stronger this and other years and were near average. Kestrels decreased for the third straight year. **Chestnut Hill** put in their 50+ hours and had decent counts of Ospreys and Sharpshins, but after three good years, the Broadwing numbers plunged to half the long-term average. Kestrels recoved niecely from a dismal 2009 flight. At nearby **White Memorial** the hours almost matched last year's record high, and produced record or higher counts of most species, but the Broadwing flight was only average. Booth Hill and Johnnycake Mt. had good Broadwings on one day of coverage each.

SOUTHEAST CONNECTICUT AND LONG ISLAND

At **Lighthouse Point** numbers were mixed with more ups than downs. The most positive count was the second straight year of dramatic improvement for the Kestrel, which was shockingly scarce in 2008. The total came close to the 17-year average. Cooper's Hawk and Redshoulder climbed to 17 year highs and Peregrine topped its all-time record just set in 2008. Most other species were near the 17-year average, with only Osprey and Broadwing joining the Kestrel at slightly under that mark. After testing the waters of the sound in 2009, **Boothe Park** fulfilled its promise and then some in 2010. Even without the fine Broadwing flight, other species per hour were not far below the averages at Lighthouse Point. The counts were excellent even for big buteos and the bigger falcons. What would a full time effort produce?

Only a little down range and inland from here is **Quaker Ridge**, where numbers held up quite well, even if they were not as spectacular as nearer the beaches. The Bald Eagle count set a record and Harriers were very numerous. Accipiters, Redshoulders and Merlins were well above average, Ospreys and Peregrines were at that level, while Broadwings and Kestrels were not too far below. Only Redtails seemed to have suffered a tailspin, one even more pronounced than in 2009. The watcher at Flirt Hill was unable to cover that site this year, but **Waveny Park** did its usual work, producing decent counts of accipiters and Kestrels.

After some recent poor years for Osprey and Harrier, including 2009, those species exploded at **Fire Island**, setting new season records. The Merlin had been holding steady in the average lane, but the explosion hit that species too, almost doubling its average. The Peregrine record count was just part of a surge over the last three years. In addition to all this, the Sharpshin and Kestrel came through, almost like the old days. It was quite a season on this southern beach. Accipiters and Merlin provided a taste of this bonanza along the more inland marshes of the **Marine Nature Study Area**. Ospreys, Kestrels, and Peregrines were in good supply as well, while Merlins merely set a record.

LOWER HUDSON VALLEY

Chestnut Ridge showed significant improvement in many areas over 2009, with only a couple of weak spots, namely buteos and Kestrels. Bald Eagle and Harrier were the best, almost matching the huge flights of 2008. The Sharpshin had its best year since 1995 and Cooper's Hawk stayed at its high level of recent years. The Kestrel showed poorly again, and the bigger falcons only mustered an average showing. Redshoulder and Broadwing were relatively scarce and the Redtail was far worse than that.

At **Bear Mt** the 2008 season was a disaster, with 2009 only moderately better, but 2010 was a return to normal, or even a bit better than that. Osprey and Bald Eagle were near or over the top recordwise, and most other species at least flirted with the average. Only the Kestrel continued its down low ways. **Hook Mt.** must have lamented its return to poor Broadwing numbers after its brief respite in 2009, but other species more than softened the blow. The Bald Eagle set yet another record and Ospreys and Harriers were well above the norm. Redshoulder,

Merlin, and Peregrine tickled the toes of their record seasons, and even the Redtail put in a decent performance. Only the Kestrel added to the woes caused by the low Broadwing count.

Moving west away from the Hudson, **Summitville** reduced its hours but migrants passed by at mostly the same rate. Cooper's Hawk and Redtail actually increased, while Osprey, Broadwing, Redtail, and Kestrel remained above average. Only Turkey Vulture, Harrier, and Sharpshin fell below that point. **Mohonk Preserve** only added a few hours to the very low 2009 coverage total, but accipiters, Broadwings, and Kestrels responded well. The venerable **Mt Peter** watch added to its long history of success with a Broadwing flight only a bit less impressive than the 2008 show. This time most other species were equally outstanding. The Sharpshin had its best total since 1990, Redshoulder its best since 1995, Kestrel its best since 1999, and the Bald Eagle its best ever by far, one more than double the 2009 figure, itself a record. Osprey, Cooper's Hawk, Redtail, and Merlin also did very well.

NORTHEASTERN NEW JERSEY

True to recent form, **Montclair** came back from a poor year with a much better one, though the welcome Broadwing increase hardly gets it back to the good old days. Even a more than doubling of the number of Sharpshins compared to 2009 cannot do that. Bald Eagle and Cooper's Hawk counts were clearly record high counts that made them heralds of the good new days. The low counts of Merlin and Peregrine in 2009 also proved to be only a bump in their road to stardom. The Kestrel count was good enough to look like a miracle after two rock bottom years in a row. The Redshoulder recovery was dramatic, putting it well above average, but the equally robust increase in Redtails only brought it to half of its long-term average. This buteo is a real mystery migrant.

Wildcat Ridge also enjoyed a robust resurgence from a poor year. More Broadwings were counted than any year since 2001, and most species except Osprey and big buteos were at or well above the recent 7-year average. The same pattern emerged at **Picatinny Peak**, though not quite as extreme. Differences were that the Redtail actually decreased and the Bald Eagle and Turkey Vulture increased dramatically. The big buteos really took it on the chin at **Chimney Rock**, with most other species well above average. Bald Eagle and Peregrine Falcon set records, Harrier had its best year since 1999 and Merlin its best since 2000. Even the Kestrel showed well, having its highest count since 2002. Osprey, accipiters and Broadwing were only a bit below average.

SPECIES ACCOUNTS

The **Broad-winged Hawk** count improved in 2010, but only to slightly above the 10-year average, nowhere near the good numbers of 2008. The seasonal counts were evenly distributed across the region, though still tending more inland, as has been the norm for the last ten years. In that time near coast flights have occurred for part of the prime period in Connecticut, but never for a season, and not at all in New York or New Jersey. It was still almost 20% below the 20-year average.

After a very poor 2009 season, the **Osprey** bounced back to almost exactly its 10-year average, still 13% below the longer term. Numbers were evenly spread across the flyway, perhaps tending better inland. The only above average coastal total was at Fire Island. The **Bald Eagle** surge shows no sign of a letup, breaking the 2000 mark for the first time. It produced record-breaking numbers just about everywhere. Resident birds near watches have also increased and show a tendency to wander, so counters should take careful note of flight behaviors and try to avoid counting or even multi-counting such birds. There are enough legitimate migrants and residents to satisfy our hunger. After two very poor years, the **Northern Harrier** came through magnificently, so we need not fear a general decline yet. The count was about double the 2009 figure and more than 25% above the 10 and 20-year averages.

The turn-around in **Sharp-shinned Hawk** numbers was almost as impressive, rising by about 40% compared to the previous two years to a point 15% above the 10-year average. Increases seemed to be most pronounced on the coast and in the south. The **Cooper's Hawk** shared this bright spotlight with its smaller cousin, improving by 25% compared to 2009, and was the same amount above average. The Sharpshin to Cooper's ratio was again 7:1 in 2010. It was 64:1 in 1980 and 13:1 in 1990.

The **American Kestrel** not only did not decline, its numbers swelled by 55%. This was not enough to dispel the concern caused by five years of depressed counts followed by two years of miniscule counts. It was still 23% below the 20-year average. The bigger falcons both set records for numbers tallied. After a couple of lower years following six straight years of stable totals, the **Merlin** rose to a level almost 40% above the 10-year average per-hour. The historical **Peregrine Falcon** increase has been slow, steady, and without interruption. It also now stands at the 40% above the 10-year average. The ratio of Merlin to Peregrine was and has been generally 3:1, dropping a bit lower only in 2008 and 2009.

Red-shouldered and Red-tailed Hawks seemed to fly in tandem even more than usual in 2010. Trends for the two big buteos differed from each other at only two major sites in 2010. They both increased and were above average at the three western New York sites and at Lighthouse and Harpswell. Pack Monadnock was above average both years, but slightly lower in 2010. New Jersey and Massachusetts counts were generally lower and below average. Quaker Ridge and Putney Mt. were both up and above average for Redshoulder, and down and below average for Redtail. Overall both improved from 2009, but the Redshoulder was a bit above average and the Redtail a bit below.

The **Turkey Vulture** has had the same per-hour regional count in four of the last five years. The **Black Vulture** experienced a slight increase to a level above average in 2010, as did **Northern Goshawk**. **Rough-legged Hawk** and **Golden Eagle** matched their averages.

FLIGHT ACCOUNT

PRE-SEASON August 10-September 8

August and early September was even less productive than last year, attested by 261 watch days (281 in 2009) and 3363 migrants (5658 in 2009). The weather was unusually stable and sunny, even for late summer, with the only rain event on 8/22-24.

Pre-Season Totals

	Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PH
2010	1372	508	672	166	109	772	133	457	137	2.5
2009	1575	1330	1063	278	135	1412	183	481	149	3.6
2008	1319	1098	748	188	148	1007	129	311	82	3.0
2007	1487	1148	822	206	210	2682	248	1229	182	4.8
2006	1117	928	886	145	197	1117	176	487	129	4.0

EARLY FLIGHT SEASON - September 9-26

The season started well with three days of moderate northwest winds, but on the first two days clouds hung on as a storm lingered to our north. On 9/9 1100 migrants were counted with only 70 Broadwings. The next two days saw clearing, and the 3900 Broadwings tallied were more than half of the 7400 total migrants. Then two more northern storms dragged two quick fronts past us the next two days. A mere 2000 migrants struggled through to be counted.

September 14-15 were two perfect flight days with blustery northwest winds but very blue skies, not so good for spotting high fliers. We still managed to count 4200 Broadwings the first day, and 17,300 the second day. The wind helped in sending 1300 Sharpshins and 671 Kestrels our way, even giving Fire Island an early bonanza that included 264 Merlins. The highest Broadwing count on 9/14 was 681, but there were five sites with more than 1000 the second day.

This flight was slowed but not stopped by an approaching front with southwest winds on 9/16. The overnight clouds and rain quickly gave way to another day of classic flight conditions. This brought almost 20,000 Broadwings past our watchers. Over the two days birds were spread widely, with only two sites breaking the 1000 mark, but 31 having more than 200.

The winds died as the high came right over us on 9/18, then moved offshore ahead of a front the following day. The Broadwings moved slowly, arriving in bulk at three northern watches that counted 13,000 of the 21,000 tallied that first day. The total two-day count was over 38,000. Other species were noted in modest numbers, no doubt due to the light winds.

After this next front passed, winds were briefly strong from the northwest, but then swung around to the southwest as the high passed quickly over us on 9/21. Almost 15,000 Broadwings were counted on 9/20, 6500 of them at three southern sites. The two-day total was almost 23,000. The strong winds on the first day boosted counts of other species, especially Sharpshin (3000) and Kestrel (1600).

Southwest winds continued on 9/22 as the next front was a weak

one that slowly worked its way south from eastern Canada. Then the winds died as a more powerful front from the west approached, bringing southerly winds which led eventually to the showers that ended the prime period. The last Broadwings flew when they felt like it and were counted when they appeared, but numbers were few, only 5500 over the five days. Other species were even more scarce. Overall the early flight period was good, but not great, though the winds of 9/14-15 and 9/21 were a big help in giving us excellent totals of Osprey, Harrier, accipiters, and falcons. The early season produced 145,300 migrants on 509 watch-days 77% of them Broadwings

Early Flight Season Totals

Yr	Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PH
10	3230	112432	4139	1096	1171	15536	1555	5753	1766	45.0
09	3217	107238	3314	836	549	12654	1150	2797	999	40.9
08	2818	144546	3396	660	492	7867	920	2090	820	57.5
07	2905	104151	2714	666	663	13275	1081	3829	864	44.2
06	3204	91715	4449	732	1086	11602	1211	4042	1059	41.2

MID FLIGHT SEASON September 27-October 28

The showers grew into heavy rains, bringing migrants to a trickle on the first two days of the mid period. On 9/29 it cleared with northwest winds, and it seemed like we were set for the big flight that sometimes marks the turn of the month. Instead, a tropical low formed in Florida and came north to crush any thoughts of that. Our one day flight amounted to 1600 birds in 134 hours, while the two days before and after combined produced a grand total of 600 birds in 128 hours. The turn of the month turned into a turn of the screw. There was nothing to do but keep the faith and keep our eyes open.

On 10/2 the skies did clear with northwest winds. The birds always seem to take a day to really get back on track, so the next day was the one to watch. It brought more birds, but also some clouds, because yet another tropical low had formed off the south coast. It seemed to hover there glaring at us as we enjoyed the third day of this flight, but numbers were dwindling in the face of the new threat. Still, the three-day flight amounted to 9000 migrants, made up mostly of 4500 accipiters, 1400 falcons, 1300 Broadwings, 600 Ospreys, and 350 Harriers. It was a pretty fair movement, especially after four days of migrant starvation. We needed all of that flying fare and more, because the second tropical storm sat on us for three days, bringing only east winds and more showers. Between the raindrops we managed 1100 accipiters and 700 falcons. Not a crash diet, but far from a feast.

The latest storm finally moved north on 10/7, and numbers rose with the strong west and northwest winds that ensued. Two fine flight days 10/8-9 sent us more than 6000 migrants - 3500 accipiters and 1300 falcons. Then the wind died as high pressure to our south and a stationary front lingered over us for five days. This ended with a night and day of rain and showers as a new front finally arrived. Migrants flew steadily but slowly through all this, adding up to less than 8000 migrants over six days 10/10-15. There were 4600 accipiters, 900 falcons, and 800 vultures. There were only four watches with more than 100 Sharpshins in a day and only five with more than 200 migrants.

On 10/16 the departing low intensified over the Gulf of Maine and the wind roared out of the northwest for a day, then moderated as the storm pulled away. Rates of passage increased, but not by so much, as if the birds were held in place to our north where the rain and clouds lingered. For the three days 10/16-18 there were 5500 migrants, including 3200 accipiters, 600 vultures, and 500 falcons. The next three days saw a storm move across Canada, giving us light southwest winds and a painful dribble of birds, enough to keep us hopeful, never enough to excite. The falcons dried up, buteos were not coming, and 1400 accipiters and 500 vultures were not enough to fill the void.

Finally the storm reached the coast, and a high reached the east on 10/22, bringing two days of northwest wind and 2500 accipiters. Falcons revived and nearly reached 500, the missing buteos almost reached 600, and vultures just exceeded that mark. Then another stationary front took over, the clouds set in, the wind petered out, and so did the migrants. The last three days produced 2300 birds, 1000 accipiters, 600 vultures and 300 buteos. It had been a fairly storm-free month with enough favorable wind days to provide a good overall flight. There were 42,821 migrants on 542 watch-days. The flight shares were 51% accipiters, 14% falcons, and 9% vultures.

Mid Flight Season Totals

Year	Hrs	TV	OS	BE	NH	SS	CH	AK	ML	PH
2010	3112	3839	2283	669	1514	19424	3101	3186	1899	13.8
2009	3540	4681	1435	628	888	16237	2833	3760	1656	10.6
2008	3346	5724	2992	494	1031	15570	2960	3204	1429	11.2
2007	3323	2436	3659	419	2046	17823	2835	3332	1765	12.1
2006	3724	3273	3240	476	1326	21032	2897	3788	1304	14.2

LATE FLIGHT SEASON October 29-November 29

A strong storm system moved across Canada and New England on 10/27-28, and high pressure took over in its wake. A moderate flight moved through the next two days, accipiters near the coast and buteos inland. The wind veered northward as the big high approached, intensifying the flight and driving most of it toward the coast 10/31-11/2. Then it died on southwest winds ahead of a front on 11/3. Almost 9000 migrants were counted over these eight days, 3200 buteos, 2900 accipiters, 1300 vultures, and 600 falcons. It was a great start to the late flight, but it turned out to be the end as well. Winds were north 11/6-7 and a few birds flew, but after that almost all the action was on the coast, especially at Lighthouse Point, where there was an outstanding buteo movement 11/10-13. Thanks to that and the early push, we had 13,400 migrants during 1783 hours, 36% buteos, 30% accipiters, and 16% vultures.

Late Flight Season Totals

Year	Hrs	NH	SS	CH	AK	ML	RS	RT	TV	PH
2010	1783	522	3266	771	335	303	1209	3782	1945	7.5
2009	1910	243	1589	423	46	55	977	2869	2032	4.7
2008	1735	309	2274	497	44	100	956	3660	2292	6.3
2007	1624	342	3659	910	132	122	1038	3313	3331	8.4
2006	1820	559	4043	664	154	296	1257	3532	2757	7.7
2005	1889	523	6306	1163	432	388	874	5517	3166	10.3

BROAD-WINGED HAWK DAILY TOTALS AT WATCH SITES IN 2010

	9/10	11	14	15	16	17	18	19	20	21	23	26	10/3
Greenlaw Mt. NB		50	107	26	960	229	330		57	21	74	156	64
Cadillac Mt ME	0	54	0	0	1	151	2	0	17	11	61		33
Harpwell ME	5	12		10	1	4	1	0	413	3	22	1	3
Carter Hill NH	22	16	610	38	307	57	891	288	122	4	1	5	0
Pack Monadnock NH	62	132	454	430	417	152	3328	1727	666	18	50	14	25
Putney Mt VT	129	50	681	198	140	181	1745	314	188	5	3	5	2
Mt Watatic MA		313	157	829	186	653	4402	1849	629				
Mt Wachusett MA		58	163	457	307	13	0		298	15	125		
Barre Falls MA	112	122	175	1270	427	73	346	1060	731	46	391	59	4
Mt Tom MA			7	138	201	180	5106						
Shatterack Mt MA		1	83	114	94	235	69	253	15	2	1	48	10
Blueberry Hill MA	42	38	76	77	201	467	518	881	142	9	55	19	1

	9/10	11	14	15	16	17	18	19	20	21	23	26	10/3
Torrington CT	10	3	52	142	73	124	53	1494	110	8			
White Memorial CT	1	1	5			314	46		158	12	71		
Chestnut Hill CT	4	233	21	100	173	87	7	979	59	5			
Botsford Hill CT	10	179	66	288	208	234	25	329	277	337	123		
Quaker Ridge CT	152	690	116	4334	372	971	220	386	2074	1182	61	52	124
Waveney Park			0	508			2	0	93	308	57		
Lighthouse Point CT	63	43	0	50	0	41	0	0	196	33	2	6	312
Boothe Park CT	25	129	0	1884	2	19	1254	68				5	0

	9/10	11	14	15	16	17	18	19	20	21	23	26	10/3
Chestnut Ridge NY	24	127	13	198	1163	527	136	171	1255	204	51	50	10
Bear Mt NY	0	35	6	14	675	105	248	256	11	100	131	459	0
Hook Mt. NY	33	56	68	103	449	218	186	259	120	1507	33	35	0
Summittville NY	48	1	417	564	86	384	820	223	0	0	34	1	0
Mt Peter NY	18	58	246	794	852	2087	607	1690	207	221	593	267	1
Montclair NJ	92	71	149	2516	391	609	41	176	2522	492	94	3	180
Wildcat Ridge NJ	33		25	48	49	1093	884	972	207	554	510	174	18
Picatinny Peak NJ	26	83	425	195	1393	17	2403	277	176	46	74	200	3
Chimney Rock NJ	105	95	514	1629	31	876	256	175	3756	571	19	11	185

REGIONAL FALL SPECIES AVERAGES PER 100 HOURS 1991-2010 WITH 10 & 20 YEAR AVERAGES

YR	SITES	HRS	BW	OS	BE	NH	SS	CH	AK	M	PF	RS	RT	TV	BV	NG	RL	GE	UR	TOT	XBWV
1991	49	7119	993	115	2.5	20	430	45	212	39	6.8	17	88	42		2.1	0.4	0.4	38	2051	1016
1992	51	6436	1615	96	4.5	24	438	46	193	35	5.1	13	109	46		1.9	0.2	0.4	34	2662	1000
1993	53	6584	3836	131	8.1	49	568	56	285	52	6.6	12	91	48		3.0	0.1	0.8	39	4745	861
1994	57	8606	2388	93	5.7	41	431	33	261	38	4.4	13	80	40		1.1	0.2	0.7	25	3433	1005
1995	59	8942	1674	103	6.2	34	417	35	175	35	6.6	21	122	50	1.0	2.2	0.2	1.1	25	2710	985
1996	59	9004	1816	79	8.7	15	330	31	123	28	6.4	17	83	58	0.8	1.8	0.4	1.0	19	2618	743
1997	64	10864	1228	85	7.7	21	407	35	120	23	8.9	14	61	46	1.5	2.5	0.3	0.7	25	2087	811
1998	70	11206	1519	89	9.6	37	368	35	142	31	6.6	15	67	56	1.7	1.8	0.4	1.2	20	2398	821
1999	57	10110	1396	97	9.5	33	399	41	144	37	9.0	19	134	65	1.0	3.0	0.4	1.3	25	2415	953
2000	58	9290	1829	71	9.2	20	306	35	102	22	5.9	11	65	57	0.8	1.5	0.3	1.0	20	2558	672
2001	60	10323	1306	65	8.0	25	363	34	107	27	7.4	15	77	60	1.4	2.0	0.2	0.9	19	2117	749
2002	51	8421	1533	92	12	24	374	37	121	33	7.7	12	62	61	1.6	1.5	0.2	0.9	21	2394	799
2003	52	8656	421	76	11	32	346	42	85	30	7.9	14	93	55	1.8	1.5	0.3	0.9	19	1240	762
2004	48	8074	1030	70	16	19	362	45	98	30	7.5	17	68	61	2.5	1.4	0.2	0.9	17	1802	713
2005	48	8837	1332	68	14	20	349	50	84	33	8.7	16	89	67	6.1	1.6	0.2	1.3	16	2159	755
2006	49	9739	993	79	15	30	375	49	82	32	9.2	19	60	68	2.1	1.6	0.1	1.9	17	1834	771
2007	45	9599	1134	76	15	35	393	54	89	32	9.2	17	58	68	2.4	3.8	0.2	0.9	13	2006	800
2008	41	9537	1528	75	17	21	283	48	60	26	11	16	57	89	3.7	1.2	0.3	1.2	16	2252	635
2009	49	10135	1073	56	18	17	296	43	66	27	12	16	48	68	1.7	3.9	0.1	0.9	19	1767	623
2010	41	9584	1201	75	22	35	409	58	102	43	14	20	63	68	2.3	5.0	0.2	1.1	30	2142	847
10-YEAR AVG	9293	1155	73	15	26	355	46	90	31	10	16	68	66	2.0	3.0	0.2	1.1	19	1971	745	

SITE TOTALS FOR FALL 2006-2010 WITH HISTORICAL PER HOUR AVERAGES

Averages computed for years of coverage indicated. X = Excluding Broadwings and vultures

Greenlaw Mountain - St. Andrews, New Brunswick

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2009	50	257	0	99	111	46	39	593	11	13	5	1457	152	0	0	129	38	13	63	2769	1213	10.8	4.7
2010	48	266	0	90	151	52	76	661	14	11	10	2240	222	0	0	193	43	24	102	3889	1559	14.6	5.9

Cadillac Mountain - Acadia NP, Maine 1997-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	56	273	0	112	165	32	156	967	11	11	0	499	98	2	1	549	65	25	118	2811	2200	10.3	8.1
2007	58	289	0	95	214	32	204	1756	30	18	1	397	78	0	0	1058	89	14	100	4094	3602	14.2	12.5
2008	58	282	0	49	230	47	184	1299	34	13	1	268	116	1	0	516	103	39	77	2977	2660	10.6	9.4
2009	58	283	0	74	154	33	132	1569	20	20	2	225	74	0	1	557	74	35	77	3047	2748	10.8	9.7
2010	52	248	0	42	166	51	156	1548	29	12	1	388	131	1	2	800	89	19	119	3554	3124	14.3	12.6
Avg	49	229	0	45	166	21	110	1174	36	11	1	303	75	1	1	720	71	18	111	2864	2516	12.5	11.0

Harpwell Peninsula, Maine 1982-2006, 2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2004	49	117	0	36	207	45	54	1196	25	3	1	1148	8	0	1	359	126	21	37	3267	2083	28.0	17.9
2005	55	133	0	57	183	26	94	1378	51	9	6	519	34	0	0	306	150	23	69	2905	2329	21.9	17.6
2006	51	148	0	60	129	30	82	1114	29	0	4	96	21	0	0	310	213	55	63	2206	2050	14.9	13.9
2009	58	224	0	63	301	51	125	1910	83	10	11	532	55	0	0	602	216	101	64	4124	3529	18.4	15.7
2010	62	158	0	95	157	39	131	1209	44	15	47	556	142	0	4	276	252	89	41	3097	2446	19.6	15.5
Avg	45	130	0	26	293	17	98	2077	37	6	7	566	31	1	0	562	189	37	68	4015	3423	30.9	26.4

Pinnacle Rock - Medford, Massachusetts 1998-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	9	27	0	0	9	0	1	5	4	0	0	5	16	0	0	4	1	2	8	55	50	2.1	1.9
2007	16	107	0	18	31	2	15	189	24	0	2	13	26	0	0	34	9	3	20	401	370	3.7	3.4
2008	21	113	0	6	42	1	7	98	29	0	2	3	36	0	1	15	4	3	34	281	272	2.5	2.4
2009	17	92	0	6	15	0	8	84	25	1	7	8	31	0	0	12	12	5	17	231	217	2.5	2.4
2010	22	124	0	3	37	4	22	298	44	4	2	4	21	0	0	17	17	7	60	540	533	4.4	4.3
Avg	16	74	0	7	27	1	10	141	15	1	1	15	19	0	0	25	6	3	27	299	277	4.0	3.8

Morris Island - Chatham, Massachusetts 2001-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	49	252	0	26	26	1	18	1465	124	1	0	5	96	1	0	0	38	92	13	1906	1875	7.6	7.4
2007	55	217	0	30	24	0	18	803	153	4	3	0	59	0	0	10	28	68	11	1211	1181	5.6	5.5
2008	56	215	0	50	19	0	12	936	135	2	1	0	49	0	0	5	44	89	8	1350	1300	6.3	6.1
2009	57	210	0	30	26	0	11	577	93	1	2	0	48	0	0	1	21	82	9	901	871	4.3	4.1
2010	34	112	0	29	31	0	6	291	56	2	1	1	32	0	0	6	24	36	6	633	603	5.7	5.4
Avg	50	207	0	31	19	1	19	776	120	3	1	1	42	0	0	6	37	77	14	1157	1126	5.6	5.4

Carter Hill - Concord, New Hampshire

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2008	37	203	0	115	38	28	6	125	56	2	3	1904	23	1	0	33	17	13	111	2475	456	12.2	2.3
2009	46	249	0	233	38	18	18	251	175	17	6	703	83	1	0	57	48	17	256	1921	985	7.7	4.0
2100	46	302	0	132	120	60	40	473	211	14	8	2422	72	0	1	166	43	8	620	4016	1462	13.3	4.8

Pack Monadnock - Peterboro, New Hampshire 2005-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	57	408	0	99	257	55	77	1253	213	68	46	7595	407	0	11	201	48	29	76	10435	2741	25.6	6.7
2007	58	430	0	121	291	53	121	1288	186	49	112	7776	263	0	5	143	90	44	68	10624	2727	24.7	6.3
2008	56	433	0	47	256	50	87	1182	160	26	61	6835	246	0	2	183	59	17	36	9247	2365	21.4	5.5
2009	59	421	0	80	182	51	88	1196	133	25	129	4322	421	0	6	135	56	30	109	6963	2561	16.5	6.1
2010	73	628	0	145	298	85	115	1248	168	66	109	7606	410	0	10	221	147	53	105	10786	3035	17.2	4.8
Avg	59	442	0	87	251	58	85	1115	151	41	80	6352	312	0	7	160	73	31	73	8879	2441	20.1	5.5

Putney Mountain - Putney, Vermont 1999-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	67	421	0	119	182	26	64	980	83	15	35	1885	502	3	6	150	24	29	20	4130	2126	9.8	5.1
2007	58	391	1	96	198	33	73	1030	85	16	29	3282	447	1	6	187	19	26	7	5540	2161	14.2	5.5
2008	66	454	0	104	174	50	53	1104	82	12	21	3618	524	7	12	146	38	40	0	5985	2263	13.2	5.0
2009	59	392	0	164	144	44	41	1080	110	23	41	3627	421	3	5	129	25	35	3	5895	2104	15.1	5.4
2010	50	355	0	65	162	61	71	1145	127	15	47	3844	292	1	5	179	47	38	0	6099	2190	17.2	6.2
Avg	63	373	0	83	177	40	57	1030	86	19	28	3464	465	3	6	211	29	30	46	5774	2227	15.5	6.0

Mount Wachusett - Princeton, Massachusetts 1980-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	17	116	0	2	141	9	12	120	45	1	0	2168	0	0	0	69	18	9	43	2637	467	22.7	4.0
2007	17	116	0	0	144	26	16	194	44	0	0	2863	31	0	0	60	13	5	77	3477	614	30.0	5.3
2008	23	151	0	0	145	48	10	155	27	1	2	5316	0	0	1	58	6	1	95	5865	549	38.8	3.6
2009	24	166	0	0	169	49	9	331	61	1	0	4466	1	0	0	75	11	7	113	5293	827	31.9	5.0
2010	14	84	0	0	38	15	5	80	26	0	2	1360	0	0	0	21	9	2	268	1826	466	21.7	5.5
Avg	119	129	0	49	171	14	29	376	22	4	8	9307	45	0	0	95	8	3	128	10259	904	79.8	7.0

Mount Watatic - Ashby, Massachusetts 1989-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	17	136	0	94	111	12	23	296	35	1	14	3009	98	0	0	78	16	3	12	3802	699	28.1	5.2
2007	15	95	0	5	110	38	17	426	32	1	1	9059	8	0	1	114	17	0	5	9840	776	103.6	8.2
2008	14	102	0	12	113	20	17	237	30	1	11	7319	64	0	3	70	25	1	9	7932	601	78.1	5.9
2009	11	88	0	2	85	18	11	286	23	0	4	3234	16	0	0	51	7	5	13	3755	519	42.7	5.9
2010	13	91	0	20	81	31	16	346	33	3	24	9018	119	1	2	52	9	2	17	9774	736	107.7	8.1
Avg	19	143	0	57	126	18	25	468	27	4	31	7319	133	0	2	106	14	4	32	8366	990	58.6	6.9

Barre Falls Dam - Barre, Massachusetts 2002-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	59	317	1	327	285	56	42	1090	126	7	47	5563	280	0	4	164	45	11	58	8106	2215	25.6	7.0
2007	48	256	0	302	159	53	42	1078	76	3	41	3649	251	0	1	127	86	14	47	5929	1978	23.2	7.7
2008	55	303	0	258	168	59	33	827	72	12	21	5236	218	1	3	151	31	22	28	7140	1646	23.6	5.4
2009	56	301	0	369	146	75	38	1263	156	8	54	2680	317	0	3	226	21	3	49	5408	2359	18.0	7.9
2010	48	267	1	248	218	65	51	1218	129	6	43	4834	268	1	2	177	61	20	25	7367	2284	27.6	8.5
Avg	57	307	0	290	190	54	45	1100	107	9	60	5011	381	2	3	171	45	12	42	7523	2221	24.5	7.2

Shatterack Mountain - Russell, Massachusetts 2005-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	52	261	0	92	184	40	43	785	43	1	19	2735	167	0	3	105	15	11	23	4266	1439	16.4	5.5
2007	45	243	10	251	103	25	58	987	47	5	31	2404	133	0	1	130	16	8	23	4238	1573	17.5	6.5
2008	34	173	0	94	71	18	27	455	22	1	16	5039	133	0	1	45	7	7	12	5948	815	34.4	4.7
2009	9	54	0	0	19	6	3	86	4	0	1	2402	0	0	0	11	1	3	3	2539	137	47.5	2.6
2010	25	148	0	59	110	21	29	470	16	1	5	1027	29	0	1	69	5	6	13	1861	775	12.6	5.3
Avg	33	172	3	98	91	26	30	575	27	2	18	2843	147	0	1	72	9	6	17	3963	1020	23.0	5.9

Blueberry Hill - Granville, Massachusetts 1999-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	85	423	0	117	172	60	78	750	107	2	95	1536	507	1	9	357	33	9	39	3872	2219	9.2	5.3
2007	74	453	1	243	198	66	129	1022	113	14	67	4593	313	0	5	389	37	13	50	7259	2422	16.0	5.3
2008	86	508	1	149	178	72	81	832	123	10	42	5788	285	2	4	300	25	17	47	7956	2018	15.7	4.0
2009	77	428	0	433	140	48	61	754	100	6	49	5003	299	0	8	240	35	6	45	7227	1791	16.9	4.2
2010	66	389	0	299	142	31	80	766	86	8	39	2743	408	4	6	329	22	9	45	5017	1975	12.9	5.1
Avg	80	464	4	209	189	70	82	913	97	7	53	4067	484	2	5	398	23	10	56	6669	2390	14.4	5.2

Middle School - Torrington, Connecticut 2002-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	23	104	6	0	56	5	2	84	17	1	6	1308	4	0	0	39	7	2	32	1569	255	15.2	2.5
2007	26	85	7	11	42	9	6	72	28	1	5	2645	10	1	0	43	10	3	12	2914	251	34.3	3.0
2008	20	81	0	0	15	3	4	51	20	1	6	4482	2	1	0	6	2	0	17	4610	128	56.9	1.6
2009	17	65	8	0	23	6	3	38	13	1	5	1365	4	0	0	9	4	0	19	1499	126	23.0	1.9
2010	16	85	2	0	18	13	4	35	14	0	3	2079	9	0	1	13	6	0	23	2220	139	26.0	1.6
Avg	20	89	3	6	38	7	4	70	27	1	6	3307	11	0	0	28	6	1	26	3543	228	40.0	2.6

Chestnut Hill - Litchfield, Connecticut 1982-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	12	65	0	0	25	10	4	61	10	0	0	1147	0	0	0	17	2	0	23	1299	152	19.9	2.3
2007	9	46	0	0	25	4	1	52	5	0	0	3409	0	0	0	14	0	0	9	3519	110	77.3	2.4
2008	11	53	0	0	29	10	3	53	3	0	0	3681	0	0	0	12	0	0	16	3807	126	72.2	2.4
2009	11	54	0	0	26	14	1	60	7	1	0	4312	0	0	0	6	0	1	10	4438	126	82.2	2.3
2010	13	56	0	0	25	5	5	56	4	0	0	1676	0	0	1	21	1	0	5	1799	123	32.4	2.2
Avg	9	44	0	2	27	6	4	45	4	0	1	3514	1	0	0	14	1	0	10	3630	114	81.7	2.6

Botsford Hill - Bridgewater, Connecticut 2006-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	16	90	0	0	86	11	7	190	14	0	0	2132	0	0	1	45	2	1	17	2506	374	27.8	4.2
2007	15	80	0	0	58	11	18	183	17	0	0	3128	0	0	1	46	3	2	22	3492	364	43.5	4.5
2008	16	71	0	0	44	18	4	133	23	0	1	3545	0	0	0	29	0	0	16	3813	268	54.1	3.8
2009	16	79	0	0	62	12	3	131	12	0	1	4028	1	0	0	25	4	0	31	4310	282	54.9	3.6
2010	21	80	0	0	62	29	2	170	15	0	0	2129	0	0	0	19	1	0	18	2445	316	30.6	4.0
Avg	17	80	0	0	62	16	7	161	16	0	0	2992	0	0	0	33	2	1	21	3313	321	41.5	4.0

White Memorial, Litchfield, Connecticut 2001-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	9	22	2	0	8	10	0	15	7	0	1	150	0	0	0	10	1	3	0	207	55	9.2	2.5
2007	4	9	8	0	1	2	1	5	4	0	0	42	0	0	0	0	1	0	0	67	17	7.7	1.9
2008	9	24	5	0	26	14	0	12	10	0	0	1700	0	0	0	7	2	2	0	1778	73	73.3	3.0
2009		57	17		40	21	2	36	17	2		1167				3	1	1	17	1324	140	23.2	2.5
2010	16	50	10	12	20	29	15	61	31	0	6	686	5	0	1	24	3	2	0	905	197	18.1	3.9
Avg	8	25	5	1	16	9	2	20	11	0	1	725	2	0	0	6	1	1	2	802	71	31.6	2.8

Lighthouse Point - New Haven, Connecticut 1994-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	100	638	0	486	1509	125	617	6801	1103	12	120	1564	484	1	10	1128	310	95	254	14619	12569	22.9	19.7
2007	82	628	0	435	1137	75	658	6275	1309	18	174	488	736	4	6	1249	515	114	205	13596	12673	21.6	20.2
2008	93	612	2	720	1810	155	342	4229	1160	3	176	401	757	1	4	855	326	183	261	11386	10263	18.6	16.8
2009	97	597	6	314	963	150	330	5322	1227	7	232	1652	579	1	9	1311	343	145	305	12897	10925	21.6	18.3
2010	102	652	1	388	1039	99	549	6528	1580	13	365	831	740	1	7	1790	374	191	617	15113	13893	23.2	21.3
Avg	95	555	0	354	1309	73	512	6497	970	13	123	1322	570	2	5	1834	341	90	259	14296	12619	25.8	22.7

Waveny Park - New Canaan, Connecticut 2000-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	13	69	0	0	107	9	7	212	7	1	4	2011	4	0	0	70	5	5	28	2470	459	36.1	6.7
2007	10	51	0	0	54	10	0	162	7	0	3	493	3	0	1	87	2	2	12	836	343	16.4	6.7
2008	9	30	0	0	44	6	1	34	6	0	1	376	11	0	0	15	2	2	6	504	128	16.8	4.3
2009	8	33	0	0	28	12	0	41	6	0	0	1089	1	0	0	20	4	4	11	1216	127	36.8	3.8
2010	8	38	0	0	23	9	0	77	14	0	0	968	4	0	0	52	4	3	5	1159	191	30.5	5.0
Avg	8	37	0	1	42	6	2	81	8	0	1	636	5	0	0	35	3	3	9	831	194	22.2	5.2
Fire Island - Long Island, New York 1984-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	57	444	0	1	152	5	298	427	48	1	0	0	2	0	0	744	1684	179	12	3553	3552	8.0	8.0
2007	48	353	0	0	406	6	375	173	28	0	0	0	0	0	0	701	1388	214	5	3296	3296	9.3	9.3
2008	48	371	0	2	501	2	188	279	49	0	0	0	1	0	0	667	1240	315	12	3256	3254	8.8	8.8
2009	52	342	0	0	232	1	159	288	36	0	0	0	0	0	0	500	1262	286	8	2772	2772	8.1	8.1
2010	63	460	0	0	557	2	523	543	48	0	0	0	0	1	0	1645	2119	326	21	5482	5482	11.9	11.9
Avg	57	395	0	0	296	3	232	542	23	1	0	0	1	0	0	1531	1299	172	22	4111	4111	10.4	10.4
Marine Nature Study Area - Oceanside, LI, New York 2001-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	66	529	0	2	137	1	72	96	36	0	0	0	11	0	1	18	58	95	0	527	525	1.0	1.0
2007	61	495	0	1	144	2	79	45	33	1	0	0	4	0	0	40	71	115	0	535	534	1.1	1.1
2008	62	503	0	1	178	2	53	70	43	0	0	0	9	0	0	15	42	130	2	545	544	1.1	1.1
2009	65	487	0	0	160	1	25	17	10	0	0	0	13	0	0	11	32	110	0	379	379	0.8	0.8
2010	66	428	0	0	165	3	60	93	49	0	0	0	29	1	0	42	75	100	0	617	617	1.4	1.4
Avg	63	479	0	1	126	1	60	59	27	0	0	0	9	0	0	28	46	81	0	436	436	0.9	0.9
Quaker Ridge - Greenwich, Connecticut 1985-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	87	572	48	804	817	100	266	3432	491	6	239	10464	407	1	24	719	89	30	180	18117	6801	31.7	11.9
2007	86	632	40	582	780	173	305	4876	657	28	356	9327	368	2	11	717	124	58	102	18603	8654	29.5	13.7
2008	87	611	29	1178	723	155	182	3258	572	6	284	18706	384	0	14	457	73	29	152	26203	6290	42.9	10.3
2009	82	612	25	1131	607	176	169	3254	411	3	352	9866	213	0	11	536	150	33	107	17046	6024	27.8	9.8
2010	85	665	12	346	606	236	247	4167	420	15	319	10943	160	1	15	566	105	21	81	18260	6959	27.5	10.5
Avg	78	567	10	484	610	70	189	2927	284	11	166	14100	337	1	8	653	61	21	155	20094	5500	35.4	9.7
Chestnut Ridge - Bedford, New York 1983-2002, 2007-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2007	77	540	25	735	238	43	92	1510	306	6	57	2216	133	2	1	206	19	13	25	5651	2675	10.5	5.0
2008	84	603	59	2188	530	106	165	2524	532	6	186	9379	414	0	5	486	72	33	229	16914	5288	28.1	8.8
2009	100	673	35	1387	254	64	64	1703	315	11	127	5732	188	1	8	246	35	21	130	10321	3167	15.3	4.7
2010	104	754	33	1065	385	92	156	2563	315	9	97	4103	168	0	2	334	42	20	89	9473	4272	12.6	5.7
Avg	79	562	9	855	372	28	138	2458	252	13	110	7934	491	1	5	577	41	16	146	13445	4647	23.9	8.3
Bear Mountain - Fort Montgomery, New York 1997-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	68	392	1	18	84	31	24	458	31	0	6	2809	130	0	6	60	8	4	25	3695	867	9.4	2.2
2007	68	401	11	14	122	54	26	549	57	1	1	1767	41	0	6	93	13	4	19	2778	986	6.9	2.5
2008	54	354	0	0	89	34	6	142	17	0	2	480	63	0	4	18	3	5	13	876	396	2.5	1.1
2009	66	375	0	0	109	103	9	207	23	0	11	1258	214	0	7	28	2	5	21	1997	739	5.3	2.0
2010	64	372	0	0	206	114	27	641	46	1	12	2142	323	0	6	39	12	7	14	3591	1449	9.7	3.9
Avg	63	377	4	21	129	48	25	598	48	2	17	2506	227	0	4	92	10	6	32	3768	1238	10.0	3.3
Mohonk Preserve - New Paltz, New York 2002-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	45	196	15	0	59	19	37	506	78	3	8	984	176	0	3	34	7	13	49	1991	992	10.2	5.1
2007	25	120	2	81	32	4	27	238	10	0	3	720	69	0	0	40	0	6	5	1244	441	10.4	3.7
2008	21	86	2	61	27	8	7	113	13	0	1	167	10	0	1	6	0	9	14	439	209	5.1	2.4
2009	8	29	0	0	11	1	5	19	4	0	0	204	12	0	0	7	0	0	26	289	85	10.1	3.0
2010	13	40	0	45	15	1	11	73	14	1	0	584	6	0	0	23	2	0	17	792	163	19.7	4.0
Avg	21	85	6	21	28	5	14	172	20	1	2	715	54	0	1	26	2	6	21	1095	354	12.9	4.2
Summittville, New York 2004-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	29	108	4	49	12	78	14	310	52	4	13	839	84	0	7	26	3	8	21	1524	632	14.1	5.9
2007	45	174	0	213	83	28	55	996	140	16	16	1710	476	0	6	27	14	5	26	3850	1927	22.2	11.1
2008	46	189	519	26	97	45	605	172	1	12	1372	509	2	7	36	8	16	1	49	3477	2423	18.4	12.9
2009	46	171	2	152	65	119	22	515	49	3	22	3416	315	0	4	64	16	11	10	4785	1215	28.1	7.1
2010	41	136		90	43	77	19	371	81	3	20	2640	367	0	8	62	10	11	15	3817	1087	28.0	8.0
Avg	37	134	10	182	52	52	24	448	86	5	14	1632	303	0	5	36	9	9	15	2889	1253	21.5	9.3
Hook Mt - Nyack, New York 1980-2010																							
	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	71	409	33	557	292	67	179	2368	174	5	145	3405	292	0	20	255	55	17	37	7901	3906	19.3	9.6
2007	68	401	46	111	345	64	143	2074	227	10	87	2494	125	0	5	332	54	13	24	6164	3513	15.4	8.8
2008	67	410	45	228	192	82	90	1657	173	1	96	2544	112	0	9	152	40	18	26	5466	2649	13.3	6.5
2009	68	427	37	696	260	125	82	1718	185	5	100	6803	191	1	5	154	36	36	16	10450	2914	24.5	6.8
2010	80	475	55	123	340	140	183	2123	294	6	148	3150	261	2	2	247	72	43	53	7243	3915	15.2	8.2
Avg	62	371	8	167	280	40	153	2763	137	11	87												

Mt Peter - Warwick, New York 1980-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	66	365	20	123	164	25	53	1205	67	1	65	3784	249	0	7	184	12	7	44	6010	2083	16.5	5.7
2007	67	391	26	238	208	42	89	1303	109	3	88	5722	396	0	3	186	9	20	44	8500	2514	21.8	6.4
2008	54	378	51	143	117	41	42	784	57	1	34	10549	345	0	5	70	14	14	35	12302	1559	32.5	4.1
2009	66	399	42	177	176	45	39	1106	89	1	38	4505	471	0	4	183	22	14	36	6948	2224	17.4	5.6
2010	71	468	77	189	203	89	64	1803	119	0	94	8531	574	2	8	207	22	10	69	12061	3264	25.8	7.0
Avg	64	410	38	104	162	21	64	1356	84	4	52	5101	460	1	4	239	13	9	87	7778	2553	19.0	6.2

Montclair Quarry - Montclair, New Jersey 1980-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	81	531	16	1031	734	125	186	2936	516	1	465	8241	587	0	8	652	121	73	28	15720	6432	29.6	12.1
2007	80	495	8	1080	729	114	167	2654	399	5	201	5324	319	1	1	411	111	63	18	11613	5201	23.5	10.5
2008	81	539	26	1401	439	104	90	1897	364	3	258	7543	497	1	0	273	87	67	74	13124	4154	24.3	7.7
2009	91	499	86	760	288	66	55	1160	182	5	123	5701	268	0	2	215	43	27	84	9065	2518	18.2	5.1
2010	86	619	195	1892	480	175	157	2367	635	5	280	7438	467	1	4	547	132	64	131	14971	5446	24.2	8.8
Avg	87	580	16	757	548	54	143	3126	187	5	184	13316	912	1	3	692	61	28	77	20111	6022	34.7	10.4

Wildcat Ridge - Hibernia, New Jersey 1998-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	52	297	41	100	148	27	38	885	172	0	17	3825	147		5	140	9	8	35	5597	1631	18.8	5.5
2007	55	327	136	75	148	66	39	1242	177	2	31	3412	224	0	0	88	13	3	39	5695	2072	17.4	6.3
2008	51	304	23	92	142	37	18	741	89	0	16	3888	44		0	34	7	9	5	5145	1142	16.9	3.8
2009	52	304	38	48	103	47	11	834	119	0	6	1633	95		0	65	3	5	7	3014	1295	9.9	4.3
2010	47	309	72	165	118	70	46	1062	171	1	13	4750	60		1	93	10	8	6	6646	1659	21.5	5.4
Avg	69	458	62	230	199	50	46	1017	136	2	42	4581	232	0	3	152	13	5	20	6791	1917	14.8	4.2

Picatinny Peak, New Jersey 1997-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	76	357	16	59	304	102	98	1618	102	0	78	6524	163	0	13	262	7	9	87	9442	2843	26.4	8.0
2007	71	376	5	170	330	92	116	1853	115	2	83	4831	249	0	11	215	12	16	90	8214	3208	21.8	8.5
2008	67	322	0	62	184	54	49	974	68	1	33	9737	202	0	10	90	6	14	58	11542	1743	35.9	5.4
2009	67	324	7	202	164	90	60	1339	86	0	61	5205	187	0	6	133	16	20	82	7658	2244	23.6	6.9
2010	85	340	0	16	238	145	99	1635	97	1	70	6697	242	0	7	239	8	19	87	9600	2887	28.2	8.5
Avg	72	344	7	93	250	70	80	1562	93	2	89	6368	337	0	13	239	10	13	92	9322	2855	27.1	8.3

Chimney Rock - Brunswick, New Jersey 1994-2010

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XTOT	PH	XPH
2006	70	517	38	207	450	101	189	2009	469	2	181	5359	154	0	13	612	150	81	45	10060	4456	19.5	8.6
2007	74	514	13	32	546	109	227	2418	382	2	146	4424	107	0	6	701	178	107	4	9411	4942	18.3	9.6
2008	70	541	35	416	533	140	165	1745	298	4	144	7836	131	1	17	521	153	111	25	12275	3988	22.7	7.4
2009	70	525	14	49	352	144	99	2352	462	6	195	9839	163	2	4	871	237	127	26	14942	5040	28.5	9.6
2010	58	500	0	23	556	191	257	2941	376	3	62	8337	39	0	3	1007	274	200	15	14284	5924	28.6	11.8
Avg	77	600	26	181	593	100	222	2989	403	5	201	9208	260	1	10	1211	221	83	92	15671	6390	26.1	10.7

FALL 2010 TOTALS AND PER HOUR AVERAGES FOR OTHER SITES

Site	Days	HRS	BV	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	UR	Total	XBWV	PH	XPH
Boothe Park	42	153	11	470	237	61	68	1242	167	2	41	3404	423	0	2	167	36	16	65	6413	2528	42.0	16.5
State Line	21	93	14	384	61	24	15	644	85	1	20	112	41	0	1	56	17	14	67	1556	1046	16.7	11.2
White Memorial	16	50	10	12	20	29	15	61	31	0	6	686	5	0	1	24	3	2	0	905	197	18.1	3.9
Concord Schools	8	27	0	12	0	0	0	1	0	1	0	1	7	0	0	1	0	0	21	44	31	1.6	1.1
Mt Tom	5	22	0	0	19	18	15	69	9	0	0	5632	0	0	0	14	5	1	0	5782	150	262.8	6.8
Meridith	2	11	0	28	4	4	1	40	5	0	0	218	2	0	0	9	4	0	4	319	73	28.1	6.4
Booth Hill	2	7	0	0	4	3	1	19	1	1	0	1449	0	0	0	1	1	0	0	1480	31	227.7	4.8
Johnnycake Hill	1	7	0	0	10	7	0	25	3	0	0	534	0	0	0	13	1	0	0	593	59	91.2	9.1
Taine Mt	2	6	0	2	2	0	1	2	0	0	0	24	0	0	0	0	0	0	2	33	7	6.0	1.3
East Shore Park	1	3	0	4	12	0	1	48	5	0	0	8	6	0	0	1	2	0	0	87	75	29.0	25.0

PEAK DAILY SITE COUNTS - FALL 2010

BROAD-WINGED HAWK

Mt Tom	9/18	5106
Mt Watatic	9/18	4402
Quaker Ridge	9/15	4334
Chimney Rock	9/20	3756
P. Monadnock	9/18	3328
Montclair	9/20	2522
Montclair	9/15	2516
Mt Peter	9/17	2087
Quaker Ridge	9/20	2074
Picatinny Peak	9/19	1913
Boothe Park	9/15	1884
Mt Watatic	9/19	1849
Putney Mt	9/18	1745
P. Monadnock	9/19	1727
Mt Peter	9/19	1690
Chimney Rock	9/15	1629
Hook Mt	9/21	1507
Torrington	9/19	1494
Booth Hill	9/19	1449
Picatinny Peak	9/21	1385
Barre Falls	9/15	1270
Chestnut Ridge	9/20	1255
Boothe Park	9/20	1254

SHARPSHIN - COAST

Lighthouse Pt	9/20	1326
Lighthouse Pt	10/9	536
Lighthouse Pt	10/3	405
Chimney Rock	10/12	352
Quaker Ridge	9/18	345
Lighthouse Pt	10/22	301
Lighthouse Pt	9/17	287
Harpwell Pen	10/2	276
Lighthouse Pt	10/4	271
Lighthouse Pt	9/15	269
Lighthouse Pt	10/8	258
Quaker Ridge	10/3	255
Chimney Rock	10/3	235
Chimney Rock	10/9	232
Chestnut Ridge	10/16	229
Quaker Ridge	9/20	213
Quaker Ridge	9/26	212
Quaker Ridge	10/12	209
Quaker Ridge	10/9	205
Cadillac Mt	9/11	195
Harpwell Pen	9/20	186
Lighthouse Pt	10/16	182
Lighthouse Pt	10/31	179
Lighthouse Pt	10/18	173
Chimney Rock	10/16	158
Cadillac Mt	9/18	156
Chimney Rock	9/20	155
Quaker Ridge	9/19	155
Lighthouse Pt	10/2	144

SHARPSHIN - INLAND

Chestnut Ridge	9/18	256
Hook Mt	9/18	207
Montclair	10/12	151
Hook Mt	10/23	134
Montclair	10/3	130
Montclair	10/9	120
Chestnut Ridge	10/8	118
Mt Watatic	9/20	109
Picatinny Peak	10/17	106
Mt Peter	10/9	105
Montclair	9/15	105
Montclair	9/20	105

COOPER'S HAWK - COAST

Lighthouse Pt	10/3	161
Lighthouse Pt	9/20	136
Lighthouse Pt	10/4	117
Lighthouse Pt	10/2	101
Lighthouse Pt	10/9	90
Lighthouse Pt	10/22	65
Lighthouse Pt	9/11	54
Lighthouse Pt	10/16	51
Lighthouse Pt	10/8	47

COOPER'S HAWK - INLAND

Montclair	10/12	47
Montclair	10/3	47
Montclair	10/13	33
Chestnut Ridge	10/24	30
Montclair	10/23	28
Chestnut Ridge	10/16	26
Chestnut Ridge	10/17	24
P. Monadnock	10/2	21
Hook Mt	10/2	21
Montclair	10/8	21
Montclair	10/24	20
Montclair	10/16	20

AMERICAN KESTREL - COAST

Fire Island	9/20	722
Lighthouse Pt	9/20	301
Fire Island	9/15	262
Lighthouse Pt	10/9	249
Cadillac Mt	9/20	185
Cadillac Mt	9/11	136
Lighthouse Pt	10/7	120
Lighthouse Pt	10/2	114
Lighthouse Pt	9/15	113
Chimney Rock	10/12	104
Fire Island	10/29	87
Lighthouse Pt	9/17	85
Lighthouse Pt	10/4	83
Harpwell Pen	10/2	81
Lighthouse Pt	10/8	78
Harpwell Pen	9/20	78
Cadillac Mt	9/23	77
Chimney Rock	9/21	74
Fire Island	9/9	73
Chimney Rock	10/8	72
Chimney Rock	9/20	69
Cadillac Mt	9/9	67
Cadillac Mt	9/21	62

AMERICAN KESTREL - INLAND

Montclair	9/21	52
Montclair	9/20	47
Blueberry Hill	9/20	39
P. Monadnock	9/20	32
Picatinny Peak	10/8	30
Montclair	10/3	30
Hook Mt	9/16	29
Chestnut Ridge	9/21	27
P. Monadnock	10/3	25
Mt Peter	9/25	25

MERLIN - COAST

Fire Island	9/15	264
Fire Island	9/20	226
Fire Island	9/17	161
Fire Island	10/9	121
Fire Island	10/2	86
Fire Island	9/10	84

PEREGRINE FALCON

Fire Island	10/12	55
Chimney Rock	9/30	39
Chimney Rock	9/28	35
Fire Island	10/7	26
Fire Island	10/16	25
Harpwell Pen	10/11	24
Fire Island	10/9	23
Harpwell Pen	10/8	22
Fire Island	10/4	17
Fire Island	9/26	16

OSPREY - COAST

Fire Island	9/20	108
Fire Island	10/3	86
Lighthouse Pt	9/10	76
Fire Island	9/10	76
Quaker Ridge	9/11	64
Lighthouse Pt	9/26	63
Lighthouse Pt	9/17	58
Boothe Park	9/15	55
Lighthouse Pt	10/4	55
Lighthouse Pt	9/20	53
Lighthouse Pt	10/2	49
Lighthouse Pt	9/9	49
Chimney Rock	9/28	48
Lighthouse Pt	10/8	44
Lighthouse Pt	9/15	40
Lighthouse Pt	9/11	40
Quaker Ridge	9/15	40

OSPREY - INLAND

Barre Falls	9/26	54
P. Monadnock	9/29	40
Montclair	9/25	38
Putney Mt	9/10	34
Shatterack Mt	9/25	34
Chestnut Ridge	9/12	34
Chimney Rock	10/8	33
Hook Mt	9/13	33
Blueberry Hill	9/24	33
Hook Mt	9/16	32
Montclair	9/13	31

HARRIER - COAST

Fire Island	10/3	53
Lighthouse Pt	10/3	44
Fire Island	9/20	38
Fire Island	11/2	30
Lighthouse Pt	9/20	29
Fire Island	10/29	29
Fire Island	10/12	28
Fire Island	11/1	25
Lighthouse Pt	10/4	24
Fire Island	9/21	24
Lighthouse Pt	9/15	23
Fire Island	10/9	23
Fire Island	10/31	23
Lighthouse Pt	10/17	23

HARRIER - INLAND

Hook Mt	10/24	14
Chestnut Ridge	10/30	13
Fire Island	9/15	12
Montclair	9/17	12
Montclair	10/10	12
Chestnut Ridge	10/16	12
Chestnut Ridge	10/23	12
Montclair	9/19	11
Hook Mt	10/31	11

BALD EAGLE

Quaker Ridge	9/15	30
Montclair	9/15	18
Lighthouse Pt	10/3	16
Quaker Ridge	9/19	15
Quaker Ridge	9/14	15
Chimney Rock	9/14	15
Montclair	9/20	13
Picatinny Peak	9/18	13
Picatinny Peak	9/15	13
Summittville	9/10	13
Quaker Ridge	9/11	12
Chimney Rock	9/15	12
Chimney Rock	9/25	12
P. Monadnock	9/18	12
Wildcat Ridge	9/18	12
Lighthouse Pt	9/20	11
Montclair	9/17	11
Picatinny Peak	9/14	11

TURKEY VULTURE

Boothe Park	11/1	190
Montclair	10/23	174
Montclair	11/2	157
Montclair	10/24	151
Montclair	10/13	126
Quaker Ridge	10/13	118
State Line	10/19	118

RED-TAILED HAWK

Boothe Park	11/1	249
Mt Peter	10/31	154
Summittville	10/31	149
Mt Peter	11/1	127
Lighthouse Pt	11/11	90
Lighthouse Pt	11/12	82
Lighthouse Pt	11/1	81
Picatinny Peak	10/31	80
Lighthouse Pt	11/10	78
Montclair	11/2	76
Montclair	11/1	75
Blueberry Hill	11/1	73
Boothe Park	10/31	72
Lighthouse Pt	11/2	66
Bear Mt.	10/26	61
Quaker Ridge	11/2	58
Lighthouse Pt	11/7	55
Picatinny Peak	11/6	55

GOLDEN EAGLE

Bear Mt.	11/3	4
Summittville	10/29	4
Quaker Ridge	11/6	4
Picatinny Peak	11/6	3
Blueberry Hill	10/23	3
Mt Peter	10/30	3
Quaker Ridge	11/3	3
Lighthouse Pt	10/29	3

RED-SHOULDERED HAWK

Lighthouse Pt	11/12	108
Montclair	11/1	55
Quaker Ridge	11/2	54
Quaker Ridge	11/1	36
Lighthouse Pt	11/10	32
Lighthouse Pt	11/11	29
Quaker Ridge	11/11	29
Montclair	11/11	29

Some days with fewer than five migrants are not included.

GREENLAW MT. - ST. ANDREWS, NEW BRUNSWICK																	CADILLAC MT - MT DESERT ISLAND, MAINE																	
Todd Watts, Richard Tarn																	Jim & Kathy Zeman, Angi King-Johnston, Joe & Chris Ferrara, Renee Duncan,																	
Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
8/21	6	2	0	0	1	3	0	0	1	0	0	0	0	0	0	7	8/23	2	0	3	1	1	1	0	0	0	0	0	0	0	0	0	0	6
8/24	4	11	0	2	1	9	2	1	1	0	0	0	0	0	0	28	8/24	5	9	4	1	3	17	2	2	4	0	0	0	0	0	0	0	44
8/27	6	3	1	2	0	10	1	1	0	0	0	0	0	0	0	20	8/27	5	3	2	0	0	19	0	7	3	0	0	1	0	0	0	0	36
8/28	4	8	1	0	0	3	0	0	0	0	0	0	0	0	0	13	8/28	6	15	1	1	2	13	0	1	2	0	0	0	0	0	0	0	42
8/30	7	9	3	3	1	15	0	6	0	0	0	0	1	0	0	39	8/29	5	0	0	0	0	3	0	2	1	0	0	0	0	0	0	0	7
8/31	7	4	10	0	2	18	0	21	1	0	0	0	1	0	0	59	8/30	5	4	1	0	6	39	1	23	2	0	0	1	0	0	0	0	82
9/1	5	5	1	0	1	15	0	6	0	0	0	0	0	0	0	28	8/31	5	0	0	0	0	5	0	3	0	0	0	0	0	0	0	0	8
9/2	3	3	1	1	1	4	0	0	0	0	0	0	1	0	0	11	9/1	5	1	1	0	3	5	0	5	4	0	0	0	1	0	0	0	21
9/5	6	4	1	6	0	6	0	0	1	0	0	0	2	0	0	21	9/2	5	0	0	0	0	10	0	2	0	0	0	0	0	0	0	0	13
9/6	5	4	0	0	2	6	0	7	2	0	0	0	2	0	0	24	9/3	4	0	0	0	1	3	0	0	2	0	0	0	0	0	0	0	6
9/9	6	14	21	0	1	35	1	2	1	0	1	1	9	0	0	89	9/5	4	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	5
9/11	9	50	9	2	1	28	0	9	1	0	0	3	5	0	0	115	9/6	5	0	1	1	0	5	0	4	1	0	0	0	3	0	0	0	15
9/12	7	107	5	2	4	38	1	3	1	0	1	2	0	0	0	167	9/7	5	0	5	0	0	10	0	1	0	1	0	0	0	0	0	0	18
9/15	5	26	6	0	1	7	0	5	4	0	0	1	13	0	0	64	9/9	8	7	12	1	2	41	2	67	8	3	0	0	0	1	0	0	150
9/16	10	960	14	0	3	41	0	12	0	0	0	1	0	0	0	1037	9/10	5	0	9	2	3	9	0	8	2	1	0	2	0	0	0	0	37
9/17	5	229	8	0	3	17	0	2	0	0	0	1	0	0	0	263	9/11	9	54	23	4	16	195	3	136	4	1	0	4	0	2	0	0	449
9/18	6	330	0	0	3	23	0	7	0	0	0	1	0	0	0	368	9/12	6	0	7	1	2	104	1	12	2	0	0	0	2	0	0	0	140
9/20	7	57	3	3	2	26	0	32	4	0	0	3	2	0	0	142	9/13	5	0	2	0	0	1	0	0	2	0	0	0	0	0	0	0	6
9/21	8	21	4	2	1	16	0	7	5	0	0	3	4	0	2	70	9/15	6	0	5	0	2	40	0	18	3	0	0	0	0	0	0	0	69
9/23	8	74	11	0	2	17	0	9	1	1	1	2	1	0	1	124	9/16	6	1	0	0	2	66	0	16	1	0	0	1	0	0	0	0	95
9/26	7	156	14	0	4	28	1	13	6	3	0	8	0	0	0	235	9/17	5	151	4	3	6	54	1	36	1	0	0	2	1	0	0	0	267
9/27	2	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6	9/18	6	2	2	0	6	156	1	29	0	0	0	0	1	0	0	0	199
10/2	9	19	8	0	5	34	0	5	2	1	0	0	1	0	0	78	9/19	5	0	1	0	0	3	0	0	0	0	0	1	0	0	0	0	5
10/3	8	64	4	2	1	53	0	21	2	0	0	4	2	0	2	164	9/20	9	17	11	0	20	120	2	185	8	0	1	4	1	0	1	0	377
10/4	8	79	2	1	10	42	0	15	3	2	0	13	3	0	0	175	9/21	6	11	1	0	11	66	1	62	0	0	0	1	0	0	0	0	153
10/5	3	1	0	0	1	4	0	0	1	0	0	1	0	0	0	8	9/22	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8
10/6	2	0	2	3	3	9	0	2	1	0	0	2	2	0	1	27	9/23	6	61	24	1	6	80	4	77	2	3	0	13	1	0	2	0	276
10/8	7	0	4	5	0	1	1	0	0	3	0	5	7	0	0	26	9/25	5	0	3	0	1	8	0	0	0	0	0	1	1	0	0	0	20
10/9	7	0	4	0	2	4	0	3	1	0	0	11	2	0	0	30	9/27	2	0	3	0	0	4	0	0	1	0	0	0	0	0	0	0	8
10/10	4	0	4	2	0	4	0	0	0	0	0	2	1	0	0	16	10/2	6	1	6	0	1	28	1	31	11	1	0	0	1	0	0	0	86
10/11	7	0	3	3	0	20	0	1	1	2	0	9	2	0	1	43	10/3	6	33	8	4	8	112	3	15	7	1	0	7	5	0	1	0	210
10/13	8	0	4	2	3	45	3	0	2	4	1	17	11	0	2	97	10/4	6	3	7	6	7	54	4	17	5	1	0	6	2	0	0	0	117
10/14	2	0	0	0	1	23	0	1	0	2	0	4	1	0	0	33	10/5	5	0	4	1	3	9	1	8	0	0	0	3	6	0	0	0	36
10/17	8	0	3	1	2	9	1	1	0	0	0	16	7	0	0	42	10/6	3	0	1	0	0	2	0	0	0	0	0	0	4	0	0	0	11
10/18	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	10/8	5	0	3	0	2	0	0	1	0	1	0	0	0	0	0	0	7
10/19	6	0	0	2	0	7	1	0	0	0	0	2	4	5	0	21	10/9	6	0	1	1	1	9	1	7	4	0	0	2	4	0	0	0	30
10/22	5	0	0	2	1	5	0	0	0	1	0	2	0	0	0	12	10/11	6	9	2	0	0	19	0	6	1	1	0	0	0	0	0	0	39
10/25	7	0	0	2	4	18	0	1	1	2	2	41	4	0	1	83	10/12	5	4	1	1	7	39	1	6	1	3	0	3	0	0	1	0	74
10/29	3	0	0	0	0	2	1	0	0	1	0	0	0	0	0	5	10/13	6	0	5	0	2	80	0	10	2	0	0	0	4	0	0	0	105
10/30	4	0	0	2	2	1	0	0	0	0	0	1	1	0	0	7	10/17	4	0	1	0	2	9	0	1	1	0	0	1	1	0	0	0	17
11/1	5	0	0	0	2	1	0	0	0	0	0	15	0	0	1	20	10/24	4	0	0	5	5	26	0	0	0	0	0	9	2	0	3	1	55
11/2	6	0	0	1	1	0	0	0	0	0	0	14	0	0	0	17	11/1	6	0	1	10	7	46	0	1	3	2	0	29	0	0	1	1	102
11/3	5	0	0	0	2	5	0	0	0	0	2	11	0	0	0	21	11/2	6	0	0	6	17	30	0	1	0	0	0	41	0	0	0	0	96
11/7	1	0	0	0	0	1	0	0	0	2	0	2	0	0	0	5	MORRIS ISLAND - CHATHAM, MASSACHUSETTS																	
11/10	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	Don Manchester																	
11/11	5	0	0	1	0	1	0	0	0	0	0	5	0	0	0	7	8/20	3	0	5	0	1	2	0	0	0	0	0	0	0	0	0	0	11
11/12	4	0	0	0	1	0	0	0	0	0	0	9	0	0	0	10	8/21	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	6
11/14	3	0	0	0	1	1	1	0	0	0	0	4	0	0	0	7	8/26	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5
HARPSWELL PENINSULA - MAINE																	8/27	3	0	0	0	0	6	3	1	0	2	0	1	1	0	0	0	17
George N. Appell																	8/28	3	0	2	0	0	1	0	0	0	0	0	0	0	0	0	6	
Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	8/29	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	6	
9/9	2	1	3	0	0	1	1	0	0	0	0	1	0	0	0	7	8/29	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	6	
9/10	6	5	9	0	0	42	2	14	3	0	0	0	0	0	0	76	9/5	4	1	2	0	0	1	0	1	1	1	0	0	0	0	0	11	
9/11	5	12	2	2	2	15	1	1	1	0	0	1	0	0	0	37	9/6	3	0	8	0	0	4	3	0	1	1	0	0	0	0	0	20	
9/15	7	10	15	0	5	73	0	14	6	0	0	3	0	0	0	126	9/9	5	0	0	0	0	12	3	1	0	0	0	3	2	0	1	0	27
9/16	2	1	1	0	1	3	0	1	0	0	1	0	0	0	0	8	9/10																	

PINNACLE ROCK, MEDFORD, MASSACHUSETTS																	PACK MONADNOCK - PETERBORO, NEW HAMPSHIRE																	
Craig Jackson, Jack Miano, others																	Henry Walters, others																	
Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
9/11	6	3	6	0	0	0	0	0	0	0	0	0	0	0	0	13	8/24	9	0	0	0	0	3	0	2	2	0	0	0	0	0	0	7	
9/18	6	1	2	0	1	9	0	0	0	0	0	0	0	0	0	13	8/26	9	8	3	0	0	16	1	4	0	0	0	0	0	0	0	32	
9/19	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4	8/27	11	1	3	1	1	3	0	1	1	0	0	0	0	0	0	11	
9/25	11	0	1	0	1	5	0	0	1	1	0	0	0	0	0	10	8/28	10	10	2	0	1	4	0	1	0	1	0	1	0	0	0	21	
9/26	8	0	1	0	1	10	3	0	1	2	0	0	0	0	0	18	8/29	10	4	1	0	0	4	1	1	1	0	0	0	0	0	0	13	
10/2	11	0	6	0	4	17	7	5	4	0	0	0	0	0	0	45	8/30	9	14	0	0	0	9	1	4	0	0	0	0	0	0	0	30	
10/3	4	0	1	0	0	3	2	0	0	0	0	0	0	0	0	6	8/31	10	12	2	0	1	8	2	2	2	0	0	0	0	0	0	29	
10/7	2	0	0	0	0	3	0	1	1	0	0	0	0	0	0	6	9/1	10	3	0	0	0	4	0	1	0	0	0	0	0	0	0	9	
10/8	2	0	2	0	0	1	1	1	1	0	0	0	0	0	0	6	9/2	12	5	2	0	1	6	0	1	3	0	0	0	0	0	0	18	
10/9	10	0	11	1	2	125	13	7	5	2	0	0	0	0	0	190	9/3	10	1	1	1	0	1	0	1	0	0	0	0	0	0	0	5	
10/10	8	0	2	0	0	13	2	0	1	1	1	0	0	0	0	23	9/4	10	5	4	0	0	3	2	4	3	1	0	0	0	0	0	22	
10/11	8	0	2	0	0	24	3	1	2	1	0	0	0	0	2	39	9/5	10	0	5	3	0	2	0	1	1	0	0	0	0	0	0	13	
10/16	9	0	2	1	7	31	2	1	0	0	0	0	0	0	1	56	9/6	10	3	5	0	1	14	2	1	2	0	1	0	0	0	0	30	
10/17	7	0	1	1	3	25	2	0	1	0	0	0	0	0	0	34	9/7	10	1	7	2	1	5	1	0	1	0	0	2	0	0	0	20	
10/23	5	0	0	0	0	14	5	1	0	0	0	0	0	0	0	21	9/8	9	0	1	0	1	21	0	0	4	0	0	1	0	0	0	28	
10/30	5	0	0	0	0	2	0	0	0	0	0	0	1	0	0	3	9/9	10	5	1	1	1	8	3	1	2	1	0	2	0	0	0	25	
10/31	6	0	0	0	3	10	3	0	0	0	1	17	2	0	1	42	9/10	10	62	6	6	2	17	3	2	0	1	0	4	0	0	0	104	
11/7	4	0	0	0	0	3	1	0	0	0	0	2	0	0	0	7	9/11	10	132	11	3	6	38	8	8	2	1	1	2	0	0	1	224	
11/11	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	9/12	10	9	19	3	1	7	0	2	0	0	0	0	0	1	0	42	
CARTER HILL, CONCORD, NEW HAMPSHIRE																	Robert Vallierres, Crawford Lyons, Tom Brewford, others																	
Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
9/1	6	0	0	1	0	1	0	0	0	0	0	7	0	0	0	9	9/13	8	1	1	0	0	5	0	0	0	0	0	0	0	0	0	8	
9/2	3	2	0	0	0	0	0	0	0	0	0	6	0	0	0	8	9/14	11	454	7	3	3	49	3	21	7	0	1	0	0	0	0	549	
9/4	9	0	1	0	0	5	2	2	1	0	0	3	6	0	1	21	9/15	12	430	10	6	7	78	2	9	3	1	0	0	0	0	0	547	
9/5	4	1	2	0	0	0	1	0	0	0	0	1	3	0	0	8	9/16	10	417	11	1	0	21	4	1	1	0	0	2	0	0	0	0	461
9/6	8	5	2	0	0	3	2	0	0	0	0	1	17	0	1	31	9/17	8	152	7	0	4	30	2	1	1	0	0	0	0	0	0	198	
9/7	6	0	1	0	0	0	0	0	0	0	0	2	13	0	1	17	9/18	11	3328	11	12	3	52	2	3	1	0	0	0	0	0	0	3417	
9/8	4	1	2	3	0	1	0	1	0	0	0	2	10	0	0	20	9/19	11	1727	9	0	2	45	1	5	1	0	1	0	0	0	0	1792	
9/9	7	8	0	1	1	7	4	1	0	0	0	3	0	0	0	25	9/20	11	666	9	6	2	61	2	32	1	0	0	3	0	0	0	784	
9/10	6	22	1	0	0	2	3	0	0	0	0	0	11	0	0	39	9/21	10	18	7	4	2	11	1	3	0	0	1	3	0	0	0	51	
9/11	6	16	3	0	0	6	6	0	0	0	0	1	1	0	0	33	9/22	10	0	1	0	0	8	1	2	2	0	0	2	0	0	0	16	
9/12	8	34	8	2	0	13	14	0	0	0	2	1	3	0	2	80	9/23	11	50	15	2	2	62	2	3	1	0	1	2	0	0	0	142	
9/13	6	0	2	1	0	1	0	0	0	0	0	0	6	0	0	10	9/24	9	2	7	0	0	8	0	4	0	0	0	0	0	0	0	21	
9/14	9	610	5	2	1	14	7	14	2	0	0	2	4	0	0	661	9/25	10	34	21	1	2	20	1	13	5	6	0	2	0	0	0	111	
9/15	5	38	1	0	0	3	1	4	0	0	1	0	0	0	1	49	9/26	8	14	17	1	7	30	7	10	0	0	1	2	0	0	1	91	
9/16	8	307	7	7	1	10	9	3	0	0	0	1	2	0	0	347	9/27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9/17	7	57	5	0	0	11	6	2	0	0	0	0	0	0	0	81	9/29	9	13	40	1	1	12	1	2	8	1	1	2	10	0	0	98	
9/18	9	891	0	1	1	9	19	2	1	1	0	3	1	0	1	930	9/30	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
9/19	9	288	1	7	1	31	15	16	0	0	0	0	0	0	0	359	10/2	11	2	7	4	4	71	21	8	13	4	1	7	4	0	0	153	
9/20	8	122	2	1	1	18	6	10	1	0	0	6	2	0	0	169	10/3	11	6	4	1	6	86	10	25	8	2	5	6	16	0	0	179	
9/21	8	4	0	1	2	6	6	2	0	0	0	2	6	0	0	29	10/4	10	7	4	4	4	72	11	29	11	5	11	6	21	0	3	0	190
9/22	5	0	0	0	0	2	1	2	0	0	0	0	6	0	0	11	10/5	9	10	4	1	7	9	1	4	4	2	1	2	23	0	0	70	
9/23	8	1	0	2	0	12	5	6	2	0	0	1	1	0	0	30	10/6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9/24	6	6	24	0	2	10	4	10	0	0	0	0	0	0	0	56	10/7	10	0	5	0	1	8	1	1	7	3	0	4	1	0	0	31	
9/25	8	1	9	4	0	7	7	13	3	1	1	0	0	0	0	46	10/8	9	0	6	1	0	9	3	1	6	5	0	6	2	0	0	40	
9/26	8	5	14	1																														

BLUEBERRY HILL - GRANVILLE, MASSACHUSETTS															CHESTNUT HILL - LITCHFIELD, CONNECTICUT																	
John Weeks, Dick Haas, Scott Fowler,Byard Miller, others															David Babington																	
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
9/4	5	1	0	0	0	0	0	0	0	0	1	0	0	0	10	9/4	1	0	0	2	0	0	0	1	0	0	0	0	0	0	0	3
9/5	3	11	0	0	0	1	0	1	1	0	0	0	0	0	14	9/10	3	4	2	0	1	0	0	0	0	0	0	0	0	0	0	9
9/6	2	0	1	0	0	0	0	3	0	0	0	0	0	0	4	9/11	7	233	3	0	1	4	0	0	0	0	0	0	0	0	0	241
9/9	8	6	2	1	2	2	0	1	0	0	0	0	0	0	14	9/13	4	4	1	0	0	6	2	1	0	0	0	0	0	0	0	14
9/10	6	41	5	0	0	8	2	0	1	0	0	0	0	0	57	9/14	6	21	7	0	2	9	0	2	0	0	0	0	0	0	0	43
9/11	9	38	3	4	0	8	1	6	0	0	0	1	0	0	61	9/15	6	100	2	2	0	6	1	1	0	0	0	0	0	0	0	112
9/12	6	3	2	0	2	3	0	21	0	0	0	0	0	0	31	9/16	6	173	1	0	0	10	0	1	0	0	0	0	0	0	0	187
9/13	8	20	11	1	7	12	0	19	0	0	0	0	0	0	70	9/17	6	87	2	1	0	3	0	3	0	0	0	0	0	0	0	96
9/14	8	76	3	1	1	18	1	19	0	0	0	0	0	0	120	9/18	3	7	0	0	0	1	0	0	0	0	0	0	0	0	0	8
9/15	7	77	4	2	0	13	2	7	0	0	0	1	0	0	107	9/19	5	979	5	0	1	6	0	5	1	0	0	0	0	0	1	998
9/16	6	201	4	1	2	7	1	6	0	0	0	0	0	0	222	9/20	5	59	1	0	0	7	0	3	0	0	0	0	0	0	0	70
9/17	9	467	4	2	4	36	3	20	1	0	0	0	0	0	539	9/21	3	5	1	0	0	3	0	2	0	0	0	0	0	0	0	11
9/18	9	518	1	1	5	24	1	15	0	1	0	0	0	0	567	9/22	2	4	0	0	0	1	0	2	0	0	0	0	0	0	0	7
9/19	7	881	8	4	2	19	0	7	1	0	0	2	0	0	926	BOTSFORD HILL - BRIDGEWATER, CONNECTICUT																
9/20	9	142	2	1	4	80	0	39	2	0	0	0	0	0	273	Renee Baade, Anne Kehmna, Neil Currie, Polly Brody, Carol Titus, others																
9/21	6	9	1	0	0	7	0	5	0	0	0	0	0	0	22	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
9/22	6	51	2	0	1	2	0	5	0	0	0	0	0	0	62	9/2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
9/23	9	55	2	0	1	16	1	20	0	0	0	2	0	0	98	9/4	2	0	2	1	0	2	0	0	0	0	0	0	0	0	0	5
9/24	9	46	33	0	3	11	0	11	0	0	0	0	0	0	106	9/5	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	6
9/25	8	77	17	0	4	22	2	20	0	0	0	0	0	0	142	9/6	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	3
9/26	7	19	4	0	0	16	0	12	1	1	0	0	0	0	53	9/7	2	2	1	0	0	1	1	0	0	0	0	0	0	0	0	7
9/28	1	0	0	0	1	0	0	1	0	0	0	0	0	0	2	9/9	5	7	1	1	0	4	0	1	0	0	0	0	0	0	0	14
9/29	8	0	15	0	3	13	1	10	0	3	0	0	15	0	60	9/10	4	18	1	1	0	4	0	1	0	0	0	0	0	0	0	26
10/2	7	2	3	0	1	14	3	6	0	0	0	0	0	0	30	9/11	6	179	4	6	0	10	3	2	0	0	0	0	0	0	0	209
10/3	6	1	1	1	1	10	5	5	0	0	0	2	5	0	32	9/12	2	3	3	1	0	2	1	2	0	0	0	0	0	0	0	12
10/7	8	0	3	0	2	43	1	15	0	0	0	0	38	0	104	9/14	6	66	8	4	0	27	2	2	0	0	0	0	0	0	0	111
10/8	8	1	1	0	2	22	1	1	0	1	0	0	9	0	38	9/15	6	288	7	0	0	15	1	0	1	0	0	0	0	0	0	312
10/9	9	0	1	0	1	75	4	14	1	0	0	0	0	0	99	9/16	3	208	2	2	0	17	2	4	0	0	0	0	0	0	0	235
10/10	7	0	0	0	1	12	4	4	1	0	0	0	27	0	49	9/17	6	234	8	2	0	9	1	2	0	0	0	0	0	0	0	259
10/11	9	0	3	0	4	41	2	6	3	1	0	3	15	0	83	9/18	5	25	3	0	1	2	0	1	0	0	0	0	0	0	0	32
10/12	6	0	0	2	0	42	5	5	2	0	0	10	16	0	83	9/19	6	329	5	3	1	15	1	1	0	0	0	0	0	0	0	355
10/13	8	0	0	1	4	40	4	6	1	0	0	4	4	0	64	9/20	6	277	7	2	0	13	2	1	0	0	0	0	0	0	0	302
10/14	7	0	0	0	5	11	4	0	1	1	1	1	25	0	49	9/21	5	337	2	1	0	20	0	0	0	0	0	0	0	0	0	362
10/17	5	0	0	0	1	4	3	2	0	0	2	5	6	0	26	9/22	3	12	2	1	0	15	0	1	0	0	0	0	0	0	0	33
10/18	7	0	0	0	0	18	3	0	1	0	1	12	7	0	45	9/23	3	123	0	1	0	5	0	0	0	0	0	0	0	0	0	129
10/19	7	0	1	0	3	16	2	1	1	0	0	12	26	0	63	9/24	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	6
10/20	7	0	0	0	0	13	3	3	0	0	0	8	9	0	38	9/25	4	13	2	2	0	8	1	0	0	0	0	0	0	0	0	26
10/22	5	0	0	0	0	14	8	1	0	0	3	32	6	0	65	MIDDLE SCHOOL - TORRINGTON, CONNECTICUT																
10/23	6	0	1	2	1	19	2	0	0	0	3	35	39	0	111	Ray Belding, Dennis Hannon, Art & Jano Hankey, others																
10/24	4	0	1	0	1	1	0	0	0	0	2	5	3	0	13	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
10/26	7	0	0	0	0	10	2	2	0	1	0	20	11	0	46	8/31	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
10/28	7	0	1	0	3	5	4	0	2	0	0	14	18	0	47	9/1	3	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
10/29	6	0	0	1	0	15	4	0	0	0	0	17	0	0	38	9/2	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
10/30	7	0	0	0	0	2	3	0	0	0	0	16	5	0	28	9/3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
10/31	6	0	0	1	1	7	1	1	0	0	4	52	2	0	73	9/5	5	3	0	2	0	2	0	1	0	0	0	0	0	0	0	8
11/1	7	0	1	0	2	6	2	0	0	0	11	73	10	0	109	9/6	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
11/2	7	0	0	0	1	3	0	0	0	0	0	24	2	0	30	9/7	5	3	0	0	1	2	0	0	0	0	0	0	0	0	0	8
11/3	6	0	0	0	2	1	1	0	0	0	2	14	0	0	22	9/8	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
11/5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9/9	4	2	1	0	0	1	0	0	0	0	0					

LIGHTHOUSE POINT - NEW HAVEN, CONNECTICUT															
Greg Haniseck, Steve Mayo, Randy Domna, Bill Banks, Lynn James, Steve Foisey, Robin McAllister, Don Morgan,Dana Campbell, Marty & Judy Moore, Sulmaan Khan, Dan Barvir, Dori Sosensky, Julien Hough, others															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
8/10	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1
8/12	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1
8/20	3	0	1	0	0	0	1	0	0	0	0	0	0	0	2
8/25	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5
8/27	6	0	5	0	0	0	6	0	0	0	0	0	0	0	11
8/28	1	0	1	0	0	3	2	1	0	0	0	0	0	0	7
8/29	5	0	17	0	4	0	0	10	0	0	0	0	0	0	31
8/30	4	0	10	0	2	5	0	10	0	0	0	0	0	0	27
8/31	5	0	6	0	1	2	1	5	0	0	0	0	0	0	15
9/1	6	0	5	0	4	0	9	2	3	0	0	0	0	0	24
9/2	5	0	1	0	0	0	0	0	1	0	0	0	0	0	2
9/3	5	0	2	0	0	2	0	0	0	0	0	0	0	0	4
9/4	4	0	2	0	2	7	0	10	1	1	0	0	0	0	23
9/5	6	0	12	0	0	4	1	16	5	1	0	0	0	0	39
9/6	7	0	5	0	0	4	0	24	2	0	0	0	0	0	35
9/7	5	0	4	0	3	0	1	0	0	0	0	0	0	0	8
9/8	6	0	2	0	0	3	0	3	5	0	0	0	0	0	13
9/9	7	0	49	4	7	57	5	21	5	6	0	0	1	0	156
9/10	9	62	76	7	19	67	14	28	7	3	3	0	0	1	294
9/11	7	43	40	2	20	123	54	27	0	2	3	3	0	0	346
9/12	7	0	28	0	3	7	1	4	2	0	0	0	0	0	45
9/13	7	0	30	0	1	6	1	6	1	0	0	0	0	0	47
9/14	6	0	11	1	0	16	2	24	5	0	1	0	0	0	60
9/15	11	50	40	1	23	269	21	113	8	4	0	1	2	0	543
9/16	7	0	9	1	3	8	4	3	2	1	0	2	0	0	33
9/17	11	41	58	5	18	287	21	85	15	6	1	0	3	0	564
9/18	7	0	29	0	7	42	9	8	2	1	0	0	0	0	107
9/19	8	0	14	1	4	34	5	10	1	0	0	0	0	0	76
9/20	12	196	53	11	29	1326	136	301	19	3	0	2	0	0	2128
9/21	7	33	14	0	11	92	19	23	3	0	0	0	0	0	195
9/22	8	0	6	0	5	19	4	5	2	0	0	0	0	0	41
9/23	7	2	34	0	5	63	15	19	0	1	2	0	5	0	152
9/24	8	0	12	0	3	9	5	12	7	3	0	0	0	0	51
9/25	8	0	17	0	5	39	12	25	4	3	1	0	0	0	108
9/26	10	6	63	4	15	102	30	25	3	15	0	1	1	0	288
9/27	6	0	5	0	12	21	1	4	2	2	0	0	0	0	48
9/28	4	0	1	0	0	0	1	0	1	4	0	0	0	0	7
9/29	7	0	5	0	1	24	4	6	2	3	0	0	0	0	45
9/30	1	0	4	0	0	2	1	1	1	2	0	0	0	0	11
10/1	9	0	7	0	0	2	1	5	3	1	0	0	0	0	21
10/2	10	18	49	8	21	144	101	114	36	13	5	5	7	0	539
10/3	11	312	30	16	44	405	161	38	5	0	4	9	14	0	1083
10/4	9	0	55	6	24	271	117	83	19	2	0	1	0	0	596
10/5	4	0	13	0	3	1	2	9	3	1	0	0	0	0	32
10/6	8	2	6	0	3	13	6	6	0	1	0	0	0	0	41
10/7	11	0	25	0	11	28	36	120	28	8	0	0	0	0	261
10/8	7	17	44	0	14	258	47	78	11	3	1	3	0	0	480
10/9	11	32	19	1	14	536	90	249	31	7	2	10	16	0	1015
10/10	7	0	5	0	1	32	9	11	3	2	0	4	0	0	70
10/11	7	0	5	0	7	114	17	29	1	0	0	1	0	0	176
10/12	5	0	8	4	4	50	42	12	3	1	3	5	5	0	149
10/13	7	1	14	7	7	81	22	6	4	3	6	6	16	0	184
10/14	8	0	11	0	2	26	9	5	0	6	2	2	2	0	69
10/15	7	0	9	0	2	7	1	3	0	2	0	0	0	0	25
10/16	9	1	15	6	14	182	51	45	12	14	0	8	9	0	368
10/17	8	0	2	0	23	128	24	11	6	2	2	5	0	0	205
10/18	9	0	11	0	17	173	24	10	12	1	7	8	4	1	286
10/19	5	0	0	0	0	2	2	0	0	2	1	0	0	0	7
10/20	9	0	5	0	10	42	12	5	2	9	1	2	0	0	93
10/21	3	0	3	1	2	11	2	5	1	1	1	2	3	0	35
10/22	9	4	4	1	13	301	65	36	13	5	11	6	19	0	481
10/23	7	0	6	0	9	122	22	19	9	3	1	5	0	0	197
10/24	5	0	0	0	10	25	10	2	2	0	0	4	1	0	56
10/25	6	0	1	0	0	16	2	0	1	0	0	0	0	0	20
10/26	4	0	0	0	0	12	0	0	1	0	0	0	0	0	13
10/27	5	0	0	0	0	1	2	1	2	1	0	0	0	0	7
10/28	9	0	0	0	2	7	1	3	2	0	0	0	0	0	16
10/29	10	0	2	1	6	126	30	8	8	4	1	6	0	0	198
10/30	6	0	1	0	9	107	10	10	6	1	0	0	0	0	144
10/31	10	0	0	1	20	179	43	10	6	2	11	23	29	0	352
11/1	9	0	2	0	3	59	22	7	5	0	17	81	113	0	350
11/2	8	6	1	2	2	47	14	1	3	1	18	66	44	0	227
11/3	7	0	4	0	2	5	3	0	2	2	0	2	0	0	20
11/5	7	0	0	0	1	2	2	0	2	1	0	0	0	0	10

LIGHTHOUSE POINT - NEW HAVEN, CONNECTICUT															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
11/6	8	0	1	1	2	28	9	0	3	0	15	38	9	0	108
11/7	9	3	3	1	4	63	18	1	1	3	24	55	0	5	203
11/8	7	0	1	0	5	12	0	1	0	0	0	2	4	0	25
11/9	7	0	1	0	11	88	25	4	2	6	14	48	1	0	207
11/10	9	0	0	1	4	42	38	0	6	6	32	78	3	0	226
11/11	9	0	0	1	0	47	14	1	3	1	29	90	36	0	270
11/12	8	2	0	1	1	20	31	1	1	6	108	82	20	0	317
11/13	7	0	0	0	1	13	6	0	0	0	20	34	5	0	80
11/14	6	0	0	0	1	4	6	0	1	4	0	1	0	0	18
11/15	5	0	0	0	0	2	0	0	1	0	0	1	0	0	4
11/16	4	0	0	0	0	0	1	0	0	0	0	0	0	0	1
11/17	5	0	0	0	0	1	2	0	0	0	0	0	0	1	5
11/18	5	0	0	0	0	3	0	0	0	0	0	1	0	0	5
11/19	8	0	0	2	3	15	20	0	2	2	11	20	12	0	105
11/20	6	0	0	0	1	4	2	1	1	0	1	0	0	0	10
11/21	5	0	0	0	0	1	7	0							

FIRE ISLAND - LONG ISLAND, NEW YORK															QUAKER RIDGE - GREENWICH, CONN. ECTICUT																	
Drew Panko, Trudy Battaly, Ken Thompson, Edith & Robert Wilson, John Gluth, Robert Kurtz, Anthony deLuca, Ted Leviness, Steve D'Amato, Mary Normandia, Tony Tierno, Walter Chaskell															Luke Tiller, Mike Warner, Ken Mirman, Joe Zeranski, Mike Reese, others																	
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	
8/20	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	8/20	9	6	0	0	1	2	1	3	0	1	0	0	0	0	0	14
8/27	8	0	7	0	1	0	1	3	2	0	0	0	0	0	14	8/21	9	9	5	1	1	2	2	1	0	1	0	0	0	0	0	22
8/30	4	0	6	0	0	0	0	0	2	0	0	0	0	0	8	8/23	7	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3
9/4	3	0	1	0	1	0	0	0	1	0	0	0	0	0	3	8/24	8	0	5	1	0	1	1	0	0	0	0	0	0	0	0	8
9/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/25	8	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
9/9	11	0	31	0	3	0	1	73	38	1	0	0	0	0	147	8/26	8	6	6	7	4	2	1	1	0	0	0	0	0	0	0	27
9/10	10	0	76	0	8	3	0	37	84	0	0	0	0	0	208	8/27	8	6	4	5	0	3	1	1	0	0	0	0	0	0	0	20
9/11	8	0	27	0	14	0	1	25	51	1	0	0	0	0	119	8/28	7	0	1	1	0	1	0	3	0	0	0	0	0	0	0	6
9/12	5	0	1	0	0	0	0	4	14	0	0	0	0	0	19	8/29	8	0	2	0	0	3	0	1	0	0	0	0	0	0	0	6
9/13	8	0	10	0	0	0	0	2	40	0	0	0	0	0	52	8/30	8	12	4	2	3	10	2	5	2	0	0	0	0	0	0	41
9/14	9	0	1	0	1	0	0	9	81	2	0	0	0	0	94	8/31	9	6	6	0	0	15	2	9	0	0	0	0	0	0	0	39
9/15	12	0	24	0	12	4	3	262	264	0	0	0	0	0	269	9/2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9/16	8	0	4	0	5	0	1	1	65	0	0	0	0	0	76	9/3	8	2	4	0	1	0	0	0	0	0	0	0	0	0	0	7
9/17	9	0	9	0	10	8	0	26	161	1	0	0	0	0	216	9/4	9	0	7	2	0	5	1	0	1	0	0	0	0	0	0	16
9/18	5	0	3	0	3	0	0	0	8	0	0	0	0	0	14	9/5	10	0	7	3	1	1	0	6	1	0	0	0	0	0	0	19
9/19	5	0	0	0	0	0	0	0	12	0	0	0	0	0	12	9/6	10	3	6	4	0	5	1	4	0	0	0	0	0	0	0	24
9/20	10	0	108	0	38	66	1	722	226	0	0	0	0	0	1164	9/7	8	2	5	0	0	2	0	0	0	0	0	0	0	0	0	9
9/21	9	0	11	0	24	7	2	21	16	0	0	0	0	0	82	9/8	8	0	4	0	3	1	0	1	0	0	0	0	0	0	0	9
9/22	6	0	0	0	0	2	0	2	1	0	0	0	0	0	5	9/9	8	3	16	0	1	16	4	4	1	0	0	0	0	0	0	46
9/23	8	0	3	0	4	10	1	9	29	0	0	0	0	0	56	9/10	9	152	17	2	5	43	2	24	1	0	0	0	0	0	0	246
9/24	7	0	1	0	0	0	0	3	4	0	0	0	0	0	8	9/11	9	690	64	12	14	135	9	37	4	0	0	0	0	0	0	974
9/25	8	0	0	0	1	1	0	1	5	0	0	0	0	0	8	9/12	8	1	11	0	0	18	1	4	1	0	0	0	0	0	0	37
9/26	9	0	24	0	17	2	0	11	37	16	0	0	0	0	109	9/13	8	5	23	2	0	20	2	7	0	0	0	0	0	0	0	61
9/27	5	0	1	0	1	3	0	0	13	1	0	0	0	0	19	9/14	9	116	25	15	10	96	4	41	6	0	0	0	0	0	0	314
9/28	7	0	0	0	0	0	0	0	0	3	0	0	0	0	3	9/15	9	4334	40	30	9	133	6	37	1	0	0	1	0	0	0	4593
9/29	6	0	2	0	0	0	0	0	1	6	0	0	0	0	9	9/16	7	372	15	8	3	38	7	13	1	0	0	0	0	0	0	457
10/1	4	0	2	0	0	0	0	0	1	15	0	0	0	0	18	9/17	8	971	37	8	13	124	4	22	4	0	0	0	1	0	0	1184
10/2	10	0	29	0	19	0	1	42	86	2	0	0	0	0	180	9/18	10	220	25	2	10	345	21	24	3	0	0	0	0	0	0	652
10/3	10	0	86	1	53	8	1	43	60	4	0	0	0	0	257	9/19	9	386	37	15	16	155	12	25	8	0	0	0	0	0	0	659
10/4	5	0	5	0	3	0	0	1	18	17	0	0	0	0	45	9/20	9	2074	15	7	3	213	9	31	2	0	0	0	0	0	0	2357
10/5	9	0	2	0	0	1	1	8	12	8	0	0	0	0	35	9/21	8	1182	6	6	7	136	2	7	0	0	0	0	0	0	0	1349
10/6	8	0	0	0	1	0	1	3	9	10	0	0	0	0	24	9/22	7	5	2	2	1	19	5	4	1	1	0	0	0	0	0	41
10/7	8	0	2	0	10	0	0	8	36	26	0	0	0	0	82	9/23	8	61	4	7	2	70	11	17	0	0	0	0	0	0	0	173
10/8	8	0	6	0	12	11	0	12	52	14	0	0	0	0	107	9/24	7	0	2	1	0	2	0	0	1	0	0	0	0	0	0	6
10/9	10	0	20	1	23	22	1	52	121	23	0	0	0	0	263	9/25	10	1	23	2	2	38	2	14	2	0	0	0	0	0	0	84
10/10	8	0	3	15	3	0	0	3	9	5	0	0	0	0	38	9/26	10	52	22	3	13	212	11	25	2	2	0	0	0	0	0	345
10/11	8	0	1	6	4	0	0	2	28	10	0	0	0	0	51	9/28	2	0	3	0	1	1	0	2	0	0	0	0	0	0	0	7
10/12	9	0	27	0	28	14	0	4	50	55	0	0	0	0	178	9/29	8	63	24	1	2	41	5	4	1	3	0	0	0	0	1	146
10/13	6	0	3	2	6	1	3	8	0	0	0	0	0	0	23	10/2	8	15	18	2	2	51	9	4	0	0	3	0	0	0	0	105
10/14	6	0	0	0	0	4	1	0	4	2	0	0	0	0	11	10/3	10	124	10	2	8	255	30	21	4	1	18	0	10	0	0	486
10/15	7	0	1	0	1	0	0	0	14	5	0	0	0	0	21	10/4	8	4	7	3	3	36	7	9	2	1	1	0	0	0	1	75
10/16	9	0	5	0	9	16	3	4	63	25	0	0	0	0	126	10/5	8	0	1	0	0	4	1	4	1	0	0	0	0	0	0	11
10/17	8	0	2	0	4	2	1	5	10	4	0	0	0	0	28	10/6	8	1	3	1	1	12	4	4	0	0	0	0	0	0	0	26
10/18	7	0	0	16	11	2	10	47	5	0	0	0	0	0	91	10/7	9	1	6	4	4	53	8	16	10	3	0	0	0	0	0	107
10/19	9	0	0	0	4	3																										

CHESTNUT RIDGE - BEDFORD, NEW YORK																	CHESTNUT RIDGE - BEDFORD, NEW YORK																	
Arthur Green, Chet Freedman, Tait Johansson, Jef Greenwald, Adam Zorn, Ted Anderson, Brian Summers, Charles Bobelis, others																	Hrs BW OSBE NH SS CH AK ML PG RS RT TV BV NG GE TOT																	
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	11/7	7	0	0	0	0	4	2	0	0	0	11	7	22	0	0	0	52	
8/15	10	0	1	0	0	0	0	0	0	0	2	0	0	0	3	11/9	6	0	1	4	1	2	1	0	1	0	3	1	4	0	0	0	18	
8/16	9	0	0	0	0	0	0	0	0	0	1	0	0	0	1	11/10	6	0	0	0	0	1	2	0	0	0	3	5	1	0	1	0	13	
8/17	9	2	1	0	0	0	0	0	0	0	4	0	0	0	7	11/11	5	0	1	0	0	1	2	0	0	0	5	5	6	0	0	0	21	
8/18	9	0	0	0	0	1	0	1	0	0	2	0	0	0	4	11/12	6	0	0	1	0	0	1	0	1	0	0	2	10	0	0	0	15	
8/19	9	5	1	0	0	0	1	0	0	0	10	0	0	0	17	11/13	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	
8/20	9	38	4	0	0	1	0	1	1	0	2	6	0	0	54	11/14	5	0	1	2	0	1	1	0	0	0	0	1	5	0	0	0	11	
8/21	9	19	3	0	0	3	1	3	0	0	1	3	0	0	33	11/17	5	0	0	0	0	0	1	0	0	0	0	1	4	0	0	0	7	
8/23	8	4	2	1	0	0	0	0	0	0	1	0	3	0	0	11	11/18	5	0	0	1	0	0	0	0	0	0	0	0	8	0	0	0	9
8/24	11	3	7	2	0	1	0	0	0	1	0	0	0	1	15	11/19	5	0	0	0	0	0	1	0	0	0	0	4	5	0	0	0	10	
8/25	10	1	3	3	1	0	0	0	0	0	0	0	0	0	8	11/20	5	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	17	
8/26	11	5	8	1	3	1	0	3	0	0	1	0	7	0	0	31	11/21	5	0	0	3	0	4	3	0	0	0	15	7	52	0	1	0	86
8/27	8	1	3	0	0	1	0	1	1	1	0	2	0	0	0	10	11/22	5	0	0	0	0	0	0	0	0	1	0	7	0	0	0	8	
8/28	8	1	3	1	0	3	0	4	0	0	0	0	0	0	0	12	11/24	4	0	0	1	1	1	0	0	0	0	2	10	0	0	0	15	
8/29	7	1	0	3	0	5	0	0	2	0	0	0	1	0	0	13	11/25	4	0	0	1	0	1	0	0	0	0	1	29	0	1	0	33	
8/30	8	3	3	0	0	9	1	2	0	0	0	0	0	0	0	18	11/26	5	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9	
8/31	11	1	6	0	1	7	2	5	0	0	0	0	0	0	0	22	11/27	5	0	0	0	1	0	0	0	0	0	6	40	0	0	0	47	
9/1	8	0	2	0	0	10	2	2	0	0	0	1	1	0	0	19	11/28	5	0	0	1	0	0	0	0	0	0	0	2	0	0	0	3	
9/2	10	1	0	0	0	3	0	0	0	0	0	1	0	0	0	7	11/29	4	0	0	0	0	0	1	0	0	0	2	7	0	0	0	10	
9/3	8	0	1	0	1	4	0	2	0	0	0	0	1	0	0	9	BEAR MT - FT MONTGOMERY, NEW YORK																	
9/4	7	0	5	1	1	6	1	1	2	0	0	0	0	0	0	17	Joe Scordato, Doris Metraux, others																	
9/5	9	0	4	1	1	1	1	3	0	0	0	0	1	0	0	12	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT		
9/6	9	1	7	2	0	5	1	6	0	0	0	4	0	0	0	26	9/5	8	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5	
9/7	10	1	7	1	2	4	1	1	0	0	0	0	0	0	0	17	9/6	6	0	1	0	0	1	0	1	0	0	0	0	0	0	0	3	
9/8	9	0	2	0	1	5	0	5	0	0	0	0	0	0	0	13	9/7	6	0	6	3	0	5	1	0	0	0	0	0	0	0	0	15	
9/9	11	4	9	0	1	23	2	9	0	0	0	0	0	0	0	49	9/8	6	0	0	1	0	2	1	0	0	0	0	0	0	0	0	5	
9/10	9	24	19	1	0	13	3	7	0	1	0	0	1	0	0	72	9/10	5	0	2	3	0	1	0	0	0	0	0	0	0	0	0	6	
9/11	10	127	10	0	0	25	6	20	1	2	0	0	7	0	0	202	9/11	7	35	1	7	1	3	0	1	0	0	0	0	0	0	0	48	
9/12	8	8	34	1	0	43	5	15	2	0	0	1	0	0	0	109	9/12	8	4	7	1	0	12	1	1	0	0	0	0	0	0	0	26	
9/13	8	0	6	1	1	17	1	5	0	0	0	0	6	0	0	37	9/13	7	23	15	0	0	19	6	3	2	0	0	0	0	0	0	69	
9/14	11	13	1	4	0	9	1	9	2	0	0	0	1	0	0	41	9/14	6	6	4	1	0	0	1	1	0	0	0	0	0	0	0	13	
9/15	8	198	7	3	4	77	0	16	0	0	0	1	0	0	0	306	9/15	7	14	7	4	1	4	0	0	2	0	0	0	0	0	0	33	
9/16	9	1163	7	6	5	65	2	12	1	0	0	0	0	0	0	1264	9/16	6	675	13	2	0	30	1	3	0	0	0	0	0	0	0	724	
9/17	9	527	10	3	0	42	0	16	1	0	0	0	3	1	0	605	9/17	8	105	10	4	0	9	1	2	0	0	0	0	0	0	0	131	
9/18	9	136	10	3	3	256	9	16	0	0	0	0	4	0	0	444	9/18	7	248	13	1	1	22	2	2	0	1	0	0	0	0	0	290	
9/19	10	171	12	1	0	56	1	7	3	0	0	0	0	0	0	251	9/19	8	256	10	4	1	16	2	0	0	0	0	0	0	0	0	289	
9/20	10	1255	12	4	4	78	1	20	0	1	0	0	2	0	0	1378	9/20	7	11	7	6	0	2	0	1	0	0	0	0	0	0	0	27	
9/21	10	204	3	2	1	134	10	27	0	0	0	0	1	0	0	383	9/21	7	100	10	3	0	21	0	3	0	0	0	0	0	0	0	137	
9/22	7	10	2	0	0	22	0	0	0	0	0	0	0	0	0	34	9/22	8	21	6	0	0	12	2	2	0	0	0	0	0	0	0	43	
9/23	10	51	3	1	0	56	4	17	2	0	0	1	1	0	0	137	9/23	8	131	7	1	3	34	6	7	0	0	0	0	0	0	0	189	
9/24	8	7	14	0	5	38	2	8	1	1	0	0	0	0	0	78	9/24	6	8	11	0	1	13	0	2	0	0	0	0	0	0	0	35	
9/25	8	1	10	0	1	10	1	9	1	0	0	0	5	0	0	39	9/25	5	0	2	1	1	1	0	1	0	0	0	0	0	0	0	6	
9/26	9	50	8	0	8	58	1	10	0	0	0	1	0	0	0	136	9/26	8	459	21	5	0	8	0	1	1	0	0	0	0	0	0	496	
9/28	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	9/29	7	43	14	4	0	35	0	0	0	1	0	0	0	0	0	97	
9/29	8	27	15	3	3	16	1	5	0	1	0	0	2	3	0	76	10/2	7	3	10	5	1	27	3	0	0	0	0	0	0	0	1	55	
9/30	3	0	6	0	0	2	0	0	0	3	0	0	0	0	0	11	10/3	6	0	5	3	0	4	0	0	0	0	0	0	0	0	0	12	
10/1	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	10/6	5																

MOHONK PRESERVE - NEW PALTZ. NEW YORK															
Thomas Sarro, Lynn & Allan Bowdery, others															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
9/9	5	3	2	1	0	2	0	3	0	0	0	0	0	0	12
9/10	2	4	0	0	0	0	0	1	0	0	0	0	0	0	5
9/15	5	1	0	0	0	3	0	0	0	0	0	0	0	0	8
9/16	5	541	4	0	4	4	2	4	0	0	45	0	0	0	607
9/18	3	32	0	0	0	1	0	0	0	0	0	0	0	0	33
9/23	5	2	0	0	1	2	1	1	0	0	0	0	0	0	9
9/24	2	0	1	0	0	0	3	0	0	0	0	0	0	0	4
9/25	4	0	6	0	6	49	8	9	1	0	0	5	0	0	87
9/26	2	0	0	0	0	2	0	0	0	0	0	0	1	0	5
9/27	2	0	1	0	0	2	0	2	1	0	0	0	0	0	9
9/29	2	1	0	0	0	7	0	3	0	0	0	0	0	0	11

HOOK MT - ROCKLAND LAKE, NEW YORK															
Trudy Battaly, Carol Weiss, Steve Sachs, Tom Fiore, Danielle Gustafson, others															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
8/14	2	0	1	0	0	2	0	0	0	0	1	0	0	0	4
8/17	3	2	1	0	0	0	0	0	0	0	0	0	0	0	3
8/19	3	4	0	0	0	0	0	0	0	0	0	0	0	0	4
8/21	4	6	2	1	1	0	1	3	0	0	0	0	0	0	14
8/26	8	5	1	4	3	3	2	0	0	0	1	0	0	0	19
8/27	2	3	0	0	0	2	0	1	0	0	1	0	0	0	7
8/28	4	8	0	1	0	3	0	3	3	0	0	0	0	0	18
8/30	6	5	6	2	1	1	0	3	1	0	0	0	0	0	20
9/1	5	0	0	0	1	0	0	0	0	0	0	0	0	0	1
9/2	5	0	1	1	0	1	0	0	1	0	0	0	0	0	4
9/4	6	7	15	1	0	3	0	1	0	0	0	0	0	0	27
9/5	7	0	1	0	0	0	0	0	0	0	0	5	0	0	6
9/6	5	0	14	0	0	6	0	5	1	1	1	0	0	0	28
9/8	7	0	0	0	0	3	0	1	1	0	1	0	0	0	6
9/9	9	0	5	1	0	19	0	5	0	0	0	1	0	0	31
9/10	7	33	9	5	1	21	2	9	1	0	0	0	0	0	81
9/11	8	56	6	2	5	29	12	16	1	1	0	0	0	0	128
9/12	4	0	6	5	4	6	0	13	1	0	1	0	0	0	36
9/13	9	16	33	2	1	31	7	1	3	0	0	2	0	4	100
9/14	9	68	19	5	5	23	10	9	3	2	1	0	0	0	146
9/15	7	103	11	6	1	67	2	13	2	1	0	0	0	0	206
9/16	8	449	32	10	8	86	1	29	2	1	0	0	0	1	619
9/17	9	218	6	4	7	72	11	5	2	0	0	0	0	0	325
9/18	11	186	14	2	9	207	2	14	2	0	0	0	4	0	441
9/19	10	259	16	2	3	59	3	3	4	0	0	0	0	0	349
9/20	8	120	16	1	6	57	0	18	0	1	0	0	0	0	221
9/21	8	1507	8	3	4	91	13	20	2	0	5	8	0	0	1673
9/22	9	0	8	3	3	22	2	0	0	1	0	0	0	0	39
9/23	9	33	4	3	1	44	4	9	3	0	0	0	0	0	105
9/24	8	8	2	2	0	20	1	0	0	1	0	0	0	0	34
9/25	8	1	14	2	1	7	1	2	0	0	1	0	0	0	29
9/26	9	35	10	1	3	57	18	6	0	2	0	7	0	0	139
9/28	5	0	25	1	1	8	2	1	2	4	0	0	0	0	44
9/29	3	0	6	0	0	3	0	0	0	0	0	0	0	0	9
10/1	2	0	3	0	0	1	0	0	0	0	0	0	0	0	4
10/2	6	13	0	0	4	25	21	1	1	0	2	0	0	0	68
10/3	9	0	3	7	5	46	12	7	0	0	2	0	0	0	88
10/4	3	1	1	0	3	8	0	1	0	0	0	0	0	0	14
10/5	2	0	0	0	2	10	1	0	1	0	0	0	0	0	14
10/6	2	0	1	1	1	6	0	0	0	0	2	0	0	0	11
10/7	6	0	5	1	1	25	1	2	1	0	1	0	0	0	37
10/8	6	0	7	6	4	22	2	4	1	1	3	0	0	0	53
10/9	8	1	6	2	5	88	17	6	3	4	1	4	0	0	138
10/10	5	2	1	4	8	54	6	2	1	2	1	4	5	6	98
10/11	8	0	3	2	0	42	3	4	0	1	0	1	0	0	56
10/12	8	0	1	0	1	28	6	1	2	1	0	0	0	0	44
10/13	6	0	0	1	2	47	7	1	2	0	3	0	0	0	63
10/14	6	0	1	0	2	37	4	0	1	0	1	0	0	0	46
10/15	5	0	2	0	1	10	4	0	0	0	0	0	0	0	17
10/16	7	0	0	1	3	38	15	1	3	0	0	5	0	0	66
10/17	7	1	3	10	5	77	18	1	1	2	8	22	7	7	163
10/18	6	0	0	0	0	16	1	0	1	0	0	0	0	0	18
10/19	8	0	1	0	2	46	6	1	1	0	4	1	0	2	67
10/20	7	0	0	0	2	41	0	2	0	0	0	0	0	0	46
10/22	4	0	1	4	1	26	3	1	0	0	0	8	6	6	56
10/23	8	0	1	0	3	134	9	2	4	0	8	15	0	0	177
10/24	9	0	1	3	14	83	10	6	3	0	11	7	14	0	153
10/25	7	0	3	0	2	47	4	2	2	0	0	3	4	7	75
10/26	8	0	1	1	1	6	5	1	1	4	1	13	0	9	44
10/27	1	0	0	0	1	2	0	0	0	0	0	0	0	0	3
10/28	7	0	0	0	2	12	1	0	0	1	0	0	20	3	39

HOOK MT - ROCKLAND LAKE, NEW YORK															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
10/29	6	0	0	3	3	18	2	3	3	0	1	25	5	0	63
10/30	7	0	0	1	7	56	8	3	4	2	4	7	12	0	104
10/31	6	0	0	3	11	58	8	1	0	2	10	32	20	0	145
11/1	8	0	0	5	3	18	2	1	1	2	20	19	11	0	83
11/2	8	0	0	0	0	7	4	0	0	0	8	11	2	3	49
11/3	8	0	0	2	3	5	3	0	0	1	9	4	0	0	28
11/6	6	0	0	2	3	3	6	1	0	2	8	24	0	0	49
11/7	8	0	0	2	0	11	4	0	0	0	5	8	12	0	43
11/11	7	0	0	0	2	8	0	0	0	0	7	14	0	0	31
11/12	4	0	0	0	1	2	1	0	0	0	3	4	0	0	12
11/13	6	0	0	0	1	2	3	0	0	0	7	3	0	0	16
11/15	5	0	0	0	1	1	0	0	0	0	0	0	0	0	2
11/16	3	0	0	0	1	0	0	0	0	1	0	0	0	0	2
11/20	3	0	0	2	2	1	0	0	0	1	1	5	0	0	13
11/21	4	0	0	2	1	2	1	0	0	0	3	1	0	0	11
11/22	7	0	0	4	0	0	1	1	0	1	1	3	0	0	11

SUMMITTville, NEW YORK															
John Haas, Renee Davis, others															
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
9/1	2	1	0	0	0	3	2	3	1	0	0	2	0	0	12
9/3	3	0	0	4	0	1	0	1	0	0	0	0	0	0	6
9/4	4	2	3	1	0	2	2	2	1	1	0	0	0	0	14
9/5	4	2	1	5	0	3	0	1	0	0	0	10	0	0	22
</															

MT PETER - GREENWOOD LAKE, NEW YORK														MONTCLAIR QUARRY - MONTCLAIR, NEW JERSEY																	
Judy Cinquina, Ajit Antony, Bill Connolly, Rob Stone, Ken Witkowski, Tom Millard, Denise Farrell, B. A. McGrath, Bill O'Keefe, Beverly Robertson, Carol Linquanti, Don Leak, Herb Sein, others														Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT		
9/2	6	6	3	0	0	4	1	0	0	0	0	0	0	14	9/7	7	0	7	0	0	0	0	0	0	0	0	0	0	7		
9/4	7	0	2	1	0	9	0	5	0	0	0	0	0	17	9/8	9	1	7	0	1	5	2	10	0	0	0	1	0	27		
9/5	8	3	3	0	0	5	0	4	0	0	0	0	0	15	9/9	8	2	7	2	2	6	2	14	5	2	0	1	0	45		
9/6	7	2	2	0	0	1	0	0	0	0	0	0	0	5	9/10	8	92	17	4	1	26	3	6	0	2	0	1	0	159		
9/7	9	1	7	0	1	2	0	2	0	0	0	0	0	13	9/11	9	71	15	10	3	34	11	25	2	3	0	0	0	182		
9/8	7	5	2	1	0	11	0	2	0	0	2	1	0	27	9/13	8	3	31	3	0	17	1	5	4	0	0	0	11	76		
9/9	7	0	2	0	0	5	0	0	0	0	0	0	0	8	9/14	9	149	25	2	2	53	4	19	11	0	0	1	3	272		
9/10	7	18	6	0	1	6	1	2	0	0	0	0	0	34	9/15	9	2516	18	18	5	105	18	27	7	1	0	3	2	2727		
9/11	6	58	2	5	1	0	0	1	0	0	0	0	0	67	9/16	7	391	10	3	2	16	3	20	2	0	0	0	1	0	448	
9/12	8	32	5	0	1	9	0	1	0	0	0	0	0	48	9/17	9	609	16	11	12	103	3	21	5	0	1	2	0	2	786	
9/13	7	169	11	1	0	37	4	7	1	0	0	1	0	232	9/18	9	41	12	1	6	81	8	11	1	0	2	0	0	0	165	
9/14	8	246	6	3	3	24	1	15	1	0	0	0	0	303	9/19	9	176	15	4	11	61	9	12	5	0	0	0	0	4	299	
9/15	9	794	8	10	5	23	1	9	0	0	1	0	0	852	9/20	10	2522	11	13	4	105	9	47	9	0	0	0	0	0	2721	
9/16	8	852	10	0	0	28	0	7	0	0	0	0	0	897	9/21	8	492	5	3	0	63	6	52	2	2	0	0	2	1	0	628
9/17	9	2087	20	2	2	73	1	12	0	0	1	0	0	2199	9/22	8	4	5	1	1	5	5	7	3	1	0	0	0	1	0	35
9/18	10	607	6	5	0	89	4	2	2	0	0	0	0	719	9/23	8	94	11	2	3	86	4	19	0	0	0	0	9	1	0	231
9/19	8	1690	1	2	2	40	1	9	0	1	1	0	0	1747	9/24	8	2	8	1	0	22	1	2	1	0	0	2	0	0	0	39
9/20	8	207	1	5	1	31	4	3	1	0	0	1	0	260	9/25	9	5	38	3	9	30	6	22	7	2	0	0	0	0	0	123
9/21	8	221	5	4	2	73	1	13	0	0	1	0	0	320	9/26	7	3	5	0	0	14	0	4	1	1	0	0	0	0	0	28
9/22	7	219	1	1	1	42	0	1	0	0	0	0	0	265	9/28	7	0	7	0	0	1	1	2	3	4	0	0	0	0	0	22
9/23	8	593	6	3	5	67	2	5	0	0	0	0	0	683	9/29	8	21	22	2	0	10	12	5	0	3	0	3	0	2	0	81
9/24	6	292	2	1	0	19	0	5	0	0	0	0	0	319	10/2	8	8	9	2	1	40	10	6	2	0	0	3	1	2	0	88
9/25	8	87	21	4	2	56	3	25	0	2	0	1	0	204	10/3	9	180	12	4	10	130	47	30	1	3	2	2	62	1	0	487
9/26	7	267	6	2	3	26	5	0	0	0	0	0	0	310	10/4	6	7	7	3	2	39	7	19	3	2	0	1	6	0	0	96
9/29	8	44	27	1	2	35	1	1	2	0	1	0	0	114	10/5	7	1	3	1	1	13	1	2	0	0	0	0	0	0	0	22
10/2	8	20	15	1	1	18	2	0	1	0	0	0	0	61	10/6	8	13	9	3	0	42	17	9	1	2	0	13	21	0	0	136
10/3	8	1	0	1	0	24	5	2	0	0	1	0	0	35	10/7	9	3	8	2	2	83	18	14	3	2	1	0	0	0	0	141
10/6	5	3	1	0	0	12	1	0	1	0	0	0	0	18	10/8	8	9	17	6	3	63	21	25	4	5	0	2	51	4	0	215
10/7	8	2	4	4	2	67	4	18	0	3	2	0	1	108	10/9	8	1	2	9	3	120	10	26	5	0	1	1	1	0	0	180
10/8	8	3	2	1	1	67	5	12	0	1	0	0	0	93	10/10	9	3	10	0	12	34	12	15	5	3	1	3	43	6	0	149
10/9	8	0	3	4	1	105	3	15	0	0	4	7	6	152	10/11	8	4	4	1	0	28	8	1	0	1	1	0	20	3	0	71
10/10	8	0	2	0	0	59	1	2	0	0	0	0	0	64	10/12	9	3	8	3	7	151	47	21	6	1	3	12	56	2	0	324
10/11	8	0	1	1	1	30	4	0	1	1	0	1	0	46	10/13	8	2	0	5	1	59	33	1	0	1	8	21	126	1	0	270
10/12	6	0	2	0	3	75	6	2	0	0	0	0	0	91	10/14	7	0	6	2	1	8	10	2	1	0	0	5	9	0	0	47
10/13	5	0	0	0	0	14	1	1	0	0	0	0	0	16	10/15	8	0	6	2	1	10	8	0	0	2	1	1	20	0	0	51
10/14	6	0	4	0	0	42	7	1	0	0	2	8	3	72	10/16	9	0	6	2	1	36	20	0	3	4	0	6	92	7	1	185
10/15	6	0	2	2	0	23	0	0	0	0	0	1	9	37	10/17	7	1	6	3	5	43	13	9	4	0	2	3	58	1	0	148
10/16	7	0	0	2	1	80	7	2	1	0	9	0	0	106	10/18	8	0	4	1	0	54	16	2	0	0	3	6	33	2	0	122
10/17	7	0	1	1	2	41	1	0	0	0	2	9	0	60	10/19	8	1	1	2	5	49	17	1	5	0	4	8	76	6	0	178
10/18	8	0	0	1	0	40	1	0	1	0	0	11	13	68	10/20	7	0	0	0	0	17	8	1	0	0	0	0	0	0	0	26
10/19	4	1	1	0	0	6	0	1	1	0	2	1	0	14	10/21	8	0	2	0	0	36	9	1	1	0	0	3	86	2	0	141
10/20	8	0	0	1	0	21	1	0	1	0	0	1	0	25	10/22	7	0	0	3	0	37	19	2	1	0	2	3	48	2	0	118
10/21	8	0	0	0	1	24	3	0	0	0	0	6	16	50	10/23	8	0	4	1	5	84	28	3	2	3	2	14	174	0	0	320
10/22	8	0	0	2	1	81	7	5	3	0	3	14	7	124	10/24	8	0	1	0	5	39	20	4	2	0	4	2	151	0	0	230
10/23	6	1	0	0	2	18	1	0	0	0	1	8	11	43	10/25	8	0	1	0	1	33	8	0	0	1	1	1	108	0	0	154
10/24	8	0	0	1	0	18	5	0	1	0	0	6	8	41	10/26	6	0	4	4	0	15	9	1	2	0	2	4	96	3	0	140
10/25	7	0	0	0	0	5	1	0																							

WILDCAT RIDGE - HIBERNIA, NEW JERSEY														PICATINNY PEAK - LAKE HOPATCONG, NEW JERSEY																			
Fred Vanderburgh, Frank Budney, Kevin McCarthy, Tom Gorman, Rick Sedevic, others														Chris Aquila, volunteers, Rutgers University students, others																			
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT		
8/21	7	0	1	1	2	4	2	0	0	0	0	0	0	0	49	10/13	7	0	1	1	1	13	1	0	0	0	1	0	0	0	0	19	
8/27	5	0	2	2	0	4	0	0	0	0	0	0	0	0	8	10/14	3	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10	
8/28	6	2	4	2	0	5	1	1	0	0	0	0	0	0	15	10/15	7	0	4	4	1	57	5	0	1	0	3	9	0	0	0	1	86
8/29	6	3	1	0	0	2	3	1	0	0	0	0	0	0	17	10/16	8	0	3	1	1	28	1	0	0	0	4	24	0	0	0	0	62
9/4	8	3	9	1	0	6	0	1	0	0	0	0	0	0	20	10/17	7	0	3	6	10	106	1	12	1	0	2	6	0	0	0	0	149
9/5	8	1	4	0	0	5	3	1	0	0	0	0	0	0	14	10/18	4	0	2	0	2	61	1	3	0	0	1	3	0	0	0	1	77
9/6	6	0	1	0	0	4	1	0	0	0	0	0	0	0	6	10/19	5	0	2	1	1	38	3	7	0	0	1	1	0	0	0	55	
9/9	2	0	1	1	0	6	1	0	0	0	0	0	0	0	99	10/20	6	0	1	0	0	50	3	1	0	0	0	0	0	0	0	56	
9/11	10	33	4	4	1	12	8	3	0	0	0	0	0	0	65	10/21	4	0	2	0	1	40	5	1	0	0	0	0	0	0	0	50	
9/14	9	25	4	0	0	4	0	3	0	0	0	0	0	0	36	10/22	7	0	0	1	1	40	3	4	0	0	11	14	0	0	0	74	
9/15	7	48	1	1	0	8	0	2	0	0	0	0	0	0	60	10/23	2	0	0	0	1	5	0	0	0	0	0	0	0	0	0	6	
9/16	5	49	3	2	3	7	4	0	0	0	0	2	0	0	70	10/24	6	0	1	2	4	49	6	0	0	0	8	4	0	0	0	1	75
9/17	11	1093	2	9	2	27	2	2	0	1	0	0	0	0	1138	10/25	4	0	0	1	5	16	2	2	0	1	0	0	0	0	0	28	
9/18	8	884	3	12	1	65	17	6	0	1	0	0	0	0	996	10/26	4	0	0	1	2	17	0	1	0	0	1	1	0	0	0	25	
9/19	9	972	6	0	2	49	6	5	2	0	1	1	0	0	1047	10/28	6	0	3	1	4	29	2	5	0	0	6	0	0	0	0	50	
9/20	7	207	2	6	0	53	2	3	0	0	0	0	0	0	273	10/29	5	0	2	0	1	34	2	0	1	0	3	9	0	0	0	53	
9/21	7	554	1	0	1	58	9	21	0	0	0	0	0	0	644	10/30	6	0	0	2	4	32	6	1	0	0	5	3	0	0	0	59	
9/22	7	31	2	2	2	26	3	5	0	0	0	0	0	0	72	10/31	6	0	2	0	2	27	5	2	0	0	6	80	0	0	0	129	
9/23	7	510	2	2	6	65	7	4	0	0	0	3	29	0	629	11/1	3	0	0	1	0	2	0	0	0	0	2	5	0	0	0	11	
9/24	7	38	3	0	1	22	2	5	1	0	0	0	0	0	72	11/2	3	0	0	1	0	0	0	0	0	0	1	3	16	0	0	0	22
9/25	8	0	3	9	2	24	2	2	1	0	0	0	9	0	52	11/3	4	0	0	0	0	5	1	0	0	0	0	1	0	0	0	7	
9/26	11	174	20	1	3	51	6	4	1	2	0	3	28	5	298	11/6	6	0	0	1	3	10	1	0	0	0	10	55	0	0	1	3	84
9/28	3	0	6	0	0	4	3	0	0	0	0	0	0	0	13	11/7	6	0	0	1	0	2	0	1	0	0	0	8	0	0	0	12	
9/29	7	99	14	2	1	21	3	0	1	0	0	2	0	0	143	11/10	5	0	0	1	0	1	0	0	0	0	1	3	0	0	0	7	
10/2	11	4	0	0	4	40	16	1	0	0	0	1	0	0	67	CHIMNEY ROCK - MARTINSVILLE, NEW JERSEY																	
10/3	8	18	5	2	1	87	8	3	0	3	0	2	0	5	134	Chris Aquila, volunteers, Rutgers University students, others																	
10/9	8	0	1	0	2	32	6	3	1	1	1	2	0	6	55	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT		
10/10	8	0	4	0	1	66	11	6	1	0	0	1	2	0	92	9/4	8	0	8	2	1	3	0	9	1	0	0	0	0	0	0	24	
10/12	4	0	0	0	0	3	1	0	0	0	0	0	0	0	4	9/5	8	0	12	3	3	3	3	2	1	1	1	0	0	0	0	29	
10/13	7	0	3	1	0	27	3	0	0	0	1	1	0	0	36	9/6	8	0	7	0	1	7	0	5	1	0	0	0	0	0	0	22	
10/16	7	0	0	1	1	40	1	0	0	0	0	0	0	0	43	9/7	8	1	6	1	0	3	3	9	2	2	0	0	0	0	0	27	
10/17	7	0	1	2	0	33	1	1	0	0	0	1	0	0	39	9/8	8	1	14	5	1	2	0	10	21	4	0	0	0	0	0	58	
10/18	7	0	2	3	0	24	3	1	0	0	1	2	0	0	36	9/9	8	1	4	3	2	22	0	19	5	0	0	0	0	0	0	57	
10/20	6	0	1	1	0	41	4	3	0	0	0	2	0	0	52	9/10	9	105	11	7	2	10	5	17	5	1	0	1	0	0	0	164	
10/22	6	0	0	0	0	10	2	0	0	0	0	2	0	0	14	9/11	9	95	24	7	5	15	9	54	21	0	1	1	0	0	0	232	
10/23	7	0	1	0	2	33	5	3	0	0	0	7	0	0	51	9/12	9	0	7	0	0	0	0	0	3	0	0	0	0	0	0	11	
10/24	8	2	0	1	5	44	14	1	1	0	2	17	0	0	89	9/13	9	3	12	2	1	9	2	5	4	3	0	0	0	0	0	41	
10/26	5	0	0	0	0	5	3	0	1	0	0	1	0	0	10	9/14	9	514	17	15	3	68	14	35	10	2	0	3	0	0	0	681	
10/28	6	0	0	1	0	17	0	0	0	0	0	1	0	0	19	9/15	9	1629	18	12	4	72	6	59	7	0	1	0	0	0	0	1809	
10/29	6	0	0	0	2	6	0	0	0	0	0	2	0	0	10	9/16	9	31	0	0	0	3	0	2	0	0	0	0	0	0	0	36	
10/30	4	0	0	0	1	16	2	1	0	0	3	3	0	12	0	38	9/17	9	876	10	4	1	90	13	40	10	0	1	0	0	0	0	1045
10/31	7	0	0	0	0	4	3	0	0	0	2	0	0	0	9	9/18	9	256	5	9	5	50	8	11	3	3	0	0	0	0	0	350	
PICATINNY PEAK - LAKE HOPATCONG, NEW JERSEY														John Reed, Susan Simovich, Reed Simovich																			
John Reed, Susan Simovich, Reed Simovich														Chris Aquila, volunteers, Rutgers University students, others																			
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT	Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT		
9/1	6	3	1	0	0	4	1	0	0	0	0	0	0	0	12	9/19	9	175	9	6	4	53	14	12	4	0	3	1	0	0	0	281	
9/4	3	0	6	0	0	1	0	2	0	0	0	1	0	0	10	9/20	9	3756	14	7	5	155	13	69	4	0	2	3	0	0	0	0	4029
9/5	7	3	6	0	1	11	2	2	0	0	0	0	3	0	29	9/21	9	571	14	5	16	63	15	74	3	2	1	0	0	0	0	764	
9/6	8	0	6	0	2	2	1	4	0	0	0	0	0	0	16	9/22	9	0	3	2	1	8	2	2	2	5	0	0	0	0	0	26	
9/7	5	0	3	0	0	2	0	0	0	0	0	0	0	0	5	9/23	9	19	4	2	6	17	4	7	3	4	3	0	0	0			

The daily totals in these tables are selected, based primarily on a minimum of three hours of coverage and 15 migrants recorded.

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10/7															10/11														
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
Quaker Ridge	9	1	6	4	4	53	8	16	10	3	0	0	0	107	Greenlaw Mt	7	0	3	3	0	20	0	1	1	2	0	9	2	43
Chestnut Ridge	7	0	4	1	2	19	4	5	0	3	0	0	3	43	Cadillac Mt	6	9	2	0	0	19	0	6	1	1	0	0	0	39
Hook Mt	6	0	5	1	1	25	1	2	1	0	1	0	0	37	Harpwell Pen	7	1	13	0	4	41	3	2	12	24	1	4	0	108
Mt Peter	8	2	4	4	2	67	4	18	0	3	2	0	1	108	Pinnacle Rock	8	0	2	0	0	24	3	1	2	1	0	0	0	39
Summittville	4	2	0	4	1	14	0	8	7	4	0	2	8	51	P. Monadnock	9	0	0	1	5	54	8	1	6	6	1	10	3	102
Fire Island	8	0	2	0	10	0	0	8	36	26	0	0	0	82	Putney Mt	10	0	5	3	3	80	8	11	4	4	11	34	16	181
Oceanside	3	0	8	0	1	2	1	1	2	3	0	1	0	19	Barre Falls	8	1	11	2	4	78	5	7	2	1	0	2	61	174
Montclair	9	3	8	2	2	83	18	14	3	2	1	0	0	141	Shatterack Mt	6	0	3	2	5	39	1	4	0	2	0	2	11	69
Picatinny Peak	5	0	1	2	0	49	0	8	0	0	0	0	0	63	Blueberry Hill	9	0	3	0	4	41	2	6	3	1	0	3	15	83
State Line	5	3	3	0	0	58	5	2	0	0	0	0	0	72	Lighthouse Pt	7	0	5	0	7	114	17	29	1	0	0	1	0	176
Chimney Rock	9	3	8	4	3	79	9	27	11	6	1	0	0	152	Quaker Ridge	8	7	3	1	2	80	7	5	1	1	1	0	0	108
10/8															10/12														
HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Greenlaw Mt	7	0	4	5	0	1	1	0	0	3	0	5	7	26	Cadillac Mt	5	4	1	1	7	39	1	6	1	3	0	3	0	74
Harpwell Pen	6	1	19	4	1	26	0	0	0	5	22	0	0	79	P. Monadnock	9	0	2	0	4	57	3	5	5	1	7	15	2	105
Carter Hill	7	0	1	0	1	4	1	3	0	0	0	0	0	22	Barre Falls	6	0	3	0	0	69	15	4	2	1	6	32	32	167
P. Monadnock	9	0	6	1	0	9	3	1	6	5	0	6	2	40	Shatterack Mt	6	0	1	0	3	66	1	3	1	0	1	12	5	94
Putney Mt	9	0	1	0	2	39	4	9	2	3	0	11	1	75	Blueberry Hill	6	0	0	2	0	42	5	5	2	0	0	10	16	83
Barre Falls	6	0	2	0	1	46	2	8	5	2	0	0	20	87	Lighthouse Pt	5	0	8	4	4	50	42	12	3	1	3	5	5	149
Blueberry Hill	8	1	1	0	2	22	1	1	0	1	0	0	9	38	Quaker Ridge	9	0	11	2	9	209	21	23	8	1	11	1	0	298
Lighthouse Pt	7	17	44	0	14	258	47	78	11	3	1	3	0	480	Chestnut Ridge	9	0	7	2	2	67	9	3	2	0	3	0	22	118
Boothe Park	2	0	0	1	2	9	2	3	1	0	1	1	0	21	Hook Mt	8	0	1	0	1	28	6	1	2	1	0	0	0	44
Quaker Ridge	9	35	17	4	10	128	15	25	4	1	3	0	0	245	Mt Peter	6	0	2	0	3	75	6	2	0	0	0	0	0	91
Chestnut Ridge	8	0	10	2	5	118	3	5	3	0	0	0	0	146	Fire Island	9	0	27	0	28	14	0	4	50	55	0	0	0	178
Bear Mt.	7	0	3	5	0	26	1	1	0	0	0	0	0	36	Montclair	9	3	8	3	7	151	47	21	6	1	3	12	56	324
Hook Mt	6	0	7	6	4	22	2	4	1	1	3	0	0	53	Picatinny Peak	5	0	3	0	1	17	1	5	1	0	0	0	0	29
Mt Peter	8	3	2	1	1	67	5	12	0	1	0	0	0	93	Chimney Rock	9	1	23	6	21	352	18	104	34	7	1	0	8	576
Summittville	4	2	0	2	0	20	1	4	0	1	0	3	5	38	10/13														
Fire Island	8	0	6	0	12	11	0	12	52	14	0	0	0	107	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Montclair	8	9	17	6	3	63	21	25	4	5	0	2	51	215	Greenlaw Mt	8	0	4	2	3	45	3	0	2	4	1	17	11	97
Picatinny Peak	7	0	8	3	2	75	4	30	1	2	0	0	0	129	Cadillac Mt	6	0	5	0	2	80	0	10	2	0	0	0	4	105
Chimney Rock	9	5	33	7	15	92	19	72	2	5	2	0	0	252	Carter Hill	8	0	1	0	1	24	8	5	1	0	0	6	0	61
10/9															10/14														
HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Greenlaw Mt	7	0	4	0	2	4	0	3	1	0	0	11	2	30	P. Monadnock	10	0	0	1	3	44	5	1	6	1	12	27	7	115
Cadillac Mt	6	0	1	1	1	9	1	7	4	0	0	2	4	30	Barre Falls	5	3	3	2	0	20	1	1	0	1	1	6	4	42
Harpwell Pen	7	1	12	8	10	126	3	17	32	5	0	1	2	228	Blueberry Hill	8	0	0	1	4	40	4	6	1	0	0	4	4	64
Pinnacle Rock	10	0	11	1	2	125	13	7	5	2	0	0	0	190	Lighthouse Pt	7	1	14	7	7	81	22	6	4	3	6	6	16	184
Carter Hill	7	0	2	0	3	11	5	4	4	0	0	6	0	57	Boothe Park	3	0	1	1	0	12	6	4	0	0	1	5	13	44
P. Monadnock	9	0	5	2	2	39	13	0	1	2	1	7	2	85	Quaker Ridge	8	0	10	1	3	106	5	1	0	1	17	0	118	264
Putney Mt	9	0	7	5	3	94	7	7	4	8	5	16	10	167	Chestnut Ridge	8	0	3	1	0	31	6	0	0	0	0	0	17	58
Barre Falls	5	2	3	1	1	50	6	5	3	1	0	0	4	78	Bear Mt.	5	0	0	2	0	29	0	1	2	0	0	2	0	36
Shatterack Mt	6	0	2	2	0	27	3	0	0	0	0	0	5	40	Hook Mt	6	0	0	1	2	47	7	1	2	0	3	0	0	63
Blueberry Hill	9	0	1	0	1	75	4	14	1	0	0	0	0	99	Mt Peter	5	0	0	0	0	14	1	1	0	0	0	0	0	16
White Mem	4	0	0	2	0	5	3	3	0	1	0	5	12	31	Summittville	4	0	1	0	0	13	7	0	0	0	2	25	7	55
Lighthouse Pt	11	32	19	1	14	536	90	249	31	7	2	10	16	1015	Fire Island	6	0	3	2	6	1	3	8	0	0	0	0	0	23
Boothe Park	6	0	0	1	2	59	3	13	1	0	1	6	8	94	Montclair	8	2	0	5	1	59	33	1	0	1	8	21	126	270
Quaker Ridge	9	6	7	6	7	205	22	12	4	1	3	2	2	278	Picatinny Peak	7	0	1	1	1	13	1	0	0	0	1	0	0	19
Chestnut Ridge	8	0	3	1	1	84	2	9	1	0	1	3	6	114	Wildcat Ridge	7	0	3	1	0	27	3	0	0	0	1	1	0	36
Hook Mt	8	1	6	2	5	88	17	6	3	4	1	4	0	138	Chimney Rock	8	1	1	0	0	52	2	1	1	0	2	0	1	62
Mt Peter	8	0	3	4	1	105	3	15	0	0	4	7	6	152	10/15														
Summittville	4	2	1	1	3	50	3	4	0	0	1	5	11	85	HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
Fire Island	10	0	20	1	23	22	1	52	121	23	0	0	0	263	Greenlaw Mt	4	0	4	2	0	4	0	0	0	0	2	1	16	
Oceanside	0	0	8	0	2	3	3	8	9	3	0	0	0	36	Pinnacle Rock	8	0	2	0	0	13	2	0	1	1	0	0	23	
Montclair	8	1	2	9	3	120	10	26	5	0	1	1	1	180	Carter Hill	10	0	1	2	2	10	4	2	4	0	0	3	0	35
Picatinny Peak	6	0	3	2	0	22	1	3	0	0	0	1	0	36	P. Monadnock	9	0	1	2	0	13	7	0	5	2	0	3	6	41
Wildcat Ridge	8	0	1	0	2	32	6	3	1	1	1	2	0	55	Putney Mt	8	0	0	1	2	30	6	3	3	1	3	10	0	59
Chimney Rock	9	2	12	6	3	232	25	50	10	2	5	1	0	348	Barre Falls	5	0	1	1	0	20	5	2	0	0	0	0	0	31
10/10															10/16														
HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT																	

10/16															10/20															
	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Lighthouse Pt	9	1	15	6	14	182	51	45	12	14	0	8	9	368	Barre Falls	5	0	0	1	1	15	0	2	0	0	0	6	39	65	
Boothe Park	7	0	6	7	0	74	3	8	1	0	1	0	27	130	Blueberry Hill	7	0	0	0	0	13	3	3	0	0	0	8	9	38	
Quaker Ridge	8	0	1	0	1	107	7	3	2	1	1	0	0	130	Lighthouse Pt	9	0	5	0	10	42	12	5	2	9	1	2	0	93	
Chestnut Ridge	9	0	7	4	12	229	26	4	4	0	4	13	112	426	Quaker Ridge	8	0	2	2	2	48	6	6	1	0	4	0	0	74	
Hook Mt	7	0	0	1	3	38	15	1	3	0	0	5	0	66	Chestnut Ridge	8	0	2	1	2	32	5	1	0	0	0	2	41	86	
Mt Peter	7	0	0	2	1	80	7	2	1	0	9	0	0	106	Bear Mt.	5	0	1	3	1	12	1	0	0	0	0	3	0	21	
Summittville	4	0	1	0	1	20	2	0	0	1	3	15	16	59	Hook Mt	7	0	0	0	2	41	0	2	0	0	0	0	0	46	
Fire Island	9	0	5	0	9	16	3	4	63	25	0	0	0	126	Mt Peter	8	0	0	1	0	21	1	0	1	0	0	1	0	25	
Oceanside	4	0	4	0	3	6	1	0	1	1	0	0	0	16	Fire Island	6	0	0	0	2	8	2	2	6	2	0	0	0	23	
Montclair	9	0	6	2	1	36	20	0	3	4	0	6	92	185	Oceanside	6	0	3	0	2	1	0	1	3	0	0	2	0	12	
Picatinny Peak	8	0	3	1	1	28	1	0	0	0	4	24	0	62	Montclair	7	0	0	0	0	17	8	1	0	0	0	0	0	26	
Wildcat Ridge	7	0	0	1	1	40	1	0	0	0	0	0	0	43	Picatinny Peak	6	0	1	0	0	50	3	1	0	0	0	0	0	56	
Chimney Rock	8	1	3	0	6	158	14	6	10	3	1	2	0	204	State Line	5	0	2	0	2	88	4	6	2	0	0	2	9	118	
10/17															10/22															
	HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		HRS	STRONG	NW	CLOUDY	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Greenlaw Mt	8	0	3	1	2	9	1	1	0	0	0	16	7	42		Harpwell Pen	8	0	0	1	9	52	0	6	46	1	0	7	9	132
Cadillac Mt	4	0	1	0	2	9	0	1	1	0	0	1	1	17		Morris Island	2	0	1	0	0	19	1	0	1	1	0	0	0	25
Pinnacle Rock	7	0	1	1	3	25	2	0	1	0	0	0	0	34		Carter Hill	5	0	1	3	0	21	3	3	0	0	0	2	0	46
Morris Island	3	0	0	0	0	48	4	0	0	2	0	2	0	59		P. Monadnock	9	0	0	0	0	3	4	0	3	1	2	16	6	41
Carter Hill	5	0	0	1	1	15	2	3	0	0	1	0	0	39		Putney Mt	8	0	1	0	1	45	7	3	0	1	0	54	0	115
P. Monadnock	9	0	1	1	1	6	1	0	4	2	1	8	2	34		Barre Falls	5	0	0	0	0	45	1	1	1	0	4	16	8	76
Putney Mt	7	0	0	0	2	28	2	1	1	0	0	12	1	47		Blueberry Hill	5	0	0	0	0	14	8	1	0	0	3	32	6	65
Barre Falls	6	0	2	1	0	16	1	0	1	1	0	0	0	22		Lighthouse Pt	9	4	4	1	13	301	65	36	13	5	11	6	19	481
Blueberry Hill	5	0	0	0	1	4	3	2	0	0	2	5	6	26		Boothe Park	6	0	3	5	10	47	4	1	0	0	1	16	34	127
Lighthouse Pt	8	0	2	0	23	128	24	11	6	2	2	5	0	205		Quaker Ridge	8	3	2	3	1	59	9	7	5	0	3	0	0	94
Quaker Ridge	9	1	3	5	10	118	15	5	1	0	19	0	37	221		Chestnut Ridge	8	0	5	1	4	98	9	0	2	0	0	2	0	122
Chestnut Ridge	7	0	7	0	9	85	24	0	2	0	2	7	88	228		Bear Mt.	7	0	0	3	1	12	0	0	0	0	0	4	0	20
Bear Mt.	5	0	3	1	2	12	2	1	0	0	0	7	0	28		Hook Mt	4	0	1	4	1	26	3	1	0	0	0	8	6	56
Hook Mt	7	1	3	10	5	77	18	1	1	2	8	22	7	163		Mt Peter	8	0	0	2	1	81	7	5	3	0	3	14	7	124
Mt Peter	7	0	1	1	2	41	1	0	0	0	2	9	0	60		Summittville	3	0	0	0	1	14	5	0	0	0	1	5	0	26
Summittville	4	0	2	1	1	31	6	0	0	0	4	7	2	55		Fire Island	9	0	4	0	4	34	0	29	64	6	0	0	0	141
Fire Island	8	0	2	0	4	2	1	5	10	4	0	0	0	28		Oceanside	6	0	4	1	7	8	6	2	7	3	0	5	0	44
Montclair	7	1	6	3	5	43	13	9	4	0	2	3	58	148		Montclair	7	0	0	3	0	37	19	2	1	0	2	3	48	118
Picatinny Peak	7	0	3	6	10	106	1	12	1	0	2	6	0	149		Picatinny Peak	7	0	0	1	1	40	3	4	0	0	11	14	0	74
Wildcat Ridge	7	0	1	2	0	33	1	1	0	0	0	1	0	39		State Line	5	0	0	2	0	77	7	0	0	0	1	3	71	162
Chimney Rock	8	0	2	3	15	93	8	6	6	6	1	1	0	143		Wildcat Ridge	6	0	0	0	0	10	2	0	0	0	0	2	0	14
10/18															10/23															
	HRS	MOD	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		HRS	MOD	W	P CLOUDY	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Harpwell Pen	7	0	2	3	8	31	1	4	14	4	0	0	30	99		Harpwell Pen	7	1	4	2	22	75	1	8	34	9	0	6	5	173
Carter Hill	7	0	0	2	0	16	5	5	5	1	0	5	5	62		Pinnacle Rock	5	0	0	0	0	14	5	1	0	0	0	0	0	21
P. Monadnock	9	0	2	0	2	16	2	0	4	1	1	11	5	49		Morris Island	2	0	0	0	0	15	0	0	0	4	0	0	0	22
Putney Mt	9	0	0	3	1	32	11	0	0	0	3	29	3	85		P. Monadnock	9	0	1	1	0	9	3	0	0	0	3	30	0	53
Barre Falls	6	0	1	0	1	29	2	1	1	0	1	16	5	57		Putney Mt	8	0	0	2	1	26	2	0	4	0	6	46	5	93
Blueberry Hill	7	0	0	0	0	18	3	0	1	0	1	12	7	45		Barre Falls	7	0	1	0	2	31	8	1	2	0	1	52	2	100
Lighthouse Pt	9	0	11	0	17	173	24	10	12	1	7	8	4	286		Mt Watatic	5	0	1	0	0	6	1	1	0	0	0	15	0	25
Boothe Park	6	0	1	1	8	44	7	5	3	0	0	9	32	115		Blueberry Hill	6	0	1	2	1	19	2	0	0	0	3	35	39	111
Quaker Ridge	7	0	0	0	1	42	5	6	0	0	0	1	0	55		Lighthouse Pt	7	0	6	0	9	122	22	19	9	3	1	5	0	197
Chestnut Ridge	10	0	4	0	3	75	7	1	1	0	1	2	16	110		Boothe Park	4	0	0	0	1	47	8	7	1	0	0	7	71	145
Bear Mt.	6	0	1	1	0	21	0	0	0	0	0	0	0	23		Quaker Ridge	8	0	5	2	9	91	16	7	2	0	16	1	40	190
Hook Mt	6	0	0	0	0	16	1	0	1	0	0	0	0	18		Chestnut Ridge	8	0	3	1	12	100	18	2	0	0	7	9	35	191
Mt Peter	8	0	0	1	0	40	1	0	1	0	0	11	13	68		Bear Mt.	7	0	0	0	1	16	0	0	0	0	0	7	0	24
Fire Island	7	0	0	16	11	2	10	47	5	0	0	0	0	91		Hook Mt	8	0	1	0	3	134	9	2	4	0	8	15	0	177
Montclair	8	0	4	1	0	54	16	2	0	0	3	6	33	122		Mt Peter	6	1	0	0	2	18	1	0	0	0				

10/26															11/1																			
LIGHT					S		P CLOUDY								HRS					RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT		
					HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG																	
Carter Hill	5	2	0	1	0	3	3	3	8	3	4	2	0	43	Bear Mt.	8	33	2	0	0	0	4	1	6	0	0	0	0	46					
P. Monadnock	9	13	3	7	0	0	0	2	18	3	0	1	0	51	Hook Mt	8	19	20	11	0	0	5	3	18	2	1	1	2	83					
Blueberry Hill	7	20	0	11	0	0	0	0	10	2	2	0	1	46	Mt Peter	8	127	8	35	0	0	3	3	10	2	0	0	0	190					
Chestnut Ridge	7	4	0	53	0	0	0	1	3	6	2	0	0	69	Fire Island	8	0	0	0	0	0	0	0	25	61	2	21	43	0	154				
Bear Mt.	7	61	0	0	0	0	6	2	33	2	0	0	1	106	Montclair	8	75	55	103	0	1	2	4	23	11	2	0	1	305					
Hook Mt	8	13	1	0	0	1	1	1	6	5	1	1	4	44	11/2																			
Mt Peter	6	9	2	0	0	0	2	0	24	5	3	2	0	49	LIGHT					NW					CLEARING									
Fire Island	8	0	0	0	0	0	0	2	1	0	0	8	8	19	HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT						
Oceanside	6	1	0	0	0	0	0	0	1	2	0	7	6	17	Greenlaw Mt	6	14	0	0	0	0	1	1	0	0	0	0	0	17					
Montclair	6	4	2	96	0	4	4	0	15	9	1	2	0	140	Cadillac Mt	6	41	0	0	0	0	6	17	30	0	1	0	0	96					
Picatinny Peak	4	1	1	0	0	0	1	2	17	0	1	0	0	25	P. Monadnock	8	26	7	3	0	0	1	2	1	3	0	2	1	54					
Chimney Rock	8	0	3	0	0	1	0	4	40	5	8	1	0	62	Barre Falls	6	14	3	1	0	0	0	1	7	4	0	0	0	31					
10/29															Mt Watatic	5	26	11	0	0	1	4	0	6	1	0	1	0	56					
					MOD	W		CLOUDY																										
					HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT																
Morris Island	4	6	0	0	0	1	0	1	40	5	1	0	0	58	Blueberry Hill	7	24	0	2	0	0	0	1	3	0	0	0	30						
P. Monadnock	8	8	4	1	1	0	0	0	14	3	0	0	0	34	Lighthouse Pt	8	66	18	44	1	1	2	2	47	14	1	3	1	227					
Barre Falls	5	11	5	3	0	0	0	3	17	4	3	1	0	49	Quaker Ridge	8	58	54	24	0	0	3	1	42	5	1	0	0	193					
Mt Watatic	2	5	3	0	1	1	0	0	2	1	0	0	1	14	Chestnut Ridge	6	0	0	11	0	1	0	0	4	2	0	0	0	18					
Blueberry Hill	6	17	0	0	0	0	1	0	15	4	0	0	0	38	Bear Mt.	6	16	1	0	0	0	1	0	1	0	0	0	0	19					
Lighthouse Pt	10	6	1	0	3	2	1	6	126	30	8	8	4	198	Hook Mt	8	11	8	2	0	0	0	0	7	4	0	0	0	49					
Boothe Park	4	0	0	0	0	1	0	0	15	1	2	0	0	19	Mt Peter	6	41	3	17	0	0	2	2	8	0	0	0	0	107					
Quaker Ridge	7	1	3	35	0	3	0	3	50	3	2	1	0	101	Fire Island	8	0	0	0	0	0	0	30	21	3	15	3	0	72					
Chestnut Ridge	7	2	1	6	0	0	2	2	12	2	1	0	1	29	Montclair	8	76	27	157	1	0	0	4	15	7	0	0	0	304					
Hook Mt	6	25	1	5	0	0	3	3	18	2	3	3	0	63	Picatinny Peak	3	3	1	16	0	0	1	0	0	0	0	0	0	22					
Mt Peter	7	53	23	10	0	0	1	2	53	4	5	0	0	159	11/6																			
Summittville	3	46	2	0	4	0	0	0	11	0	1	0	0	64	LIGHT					N					M CLOUDY									
Fire Island	9	0	0	0	0	2	0	29	55	4	87	60	6	244	HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT						
Oceanside	5	5	0	0	0	1	0	1	20	4	1	1	0	33	Blueberry Hill	6	8	4	0	0	0	1	0	1	0	0	0	0	17					
Montclair	8	12	6	17	0	0	1	5	32	11	1	1	0	87	Lighthouse Pt	8	38	15	9	1	1	1	2	28	9	0	3	0	108					
Picatinny Peak	5	9	3	0	0	2	0	1	34	2	0	1	0	53	Boothe Park	3	15	3	12	0	0	0	2	7	0	0	0	0	39					
10/30															Quaker Ridge	8	10	11	6	4	0	2	3	20	4	0	0	0	61					
					MOD	W		M CLOUDY																										
					HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT																
Morris Island	3	0	0	0	0	0	0	0	15	2	0	1	0	21	Chestnut Ridge	7	10	1	7	0	0	1	0	4	1	0	0	0	25					
P. Monadnock	8	14	0	0	1	0	1	0	1	0	0	0	0	17	Bear Mt.	6	15	0	0	0	0	2	0	1	0	0	0	18						
Barre Falls	5	9	0	4	0	0	0	3	7	2	0	0	0	26	Hook Mt	6	24	8	0	0	0	2	3	6	1	0	2	49						
Blueberry Hill	7	16	0	5	0	0	0	0	2	3	0	0	0	28	Mt Peter	7	38	4	12	0	0	2	0	26	2	0	1	1	96					
Lighthouse Pt	6	0	0	0	0	1	0	9	107	10	10	6	1	144	Montclair	8	4	12	35	0	0	2	3	14	10	1	0	0	83					
Quaker Ridge	7	0	13	5	1	0	4	1	43	6	0	0	0	73	Picatinny Peak	6	55	10	0	3	0	1	3	10	1	0	0	0	84					
Chestnut Ridge	9	3	4	23	1	1	1	13	70	12	0	1	0	133	11/7																			
Hook Mt	7	7	4	12	0	0	1	7	56	8	3	4	2	104	MOD					NW					P CLOUDY									
Mt Peter	7	17	6	6	3	0	0	3	21	3	0	0	0	59	HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT						
Summittville	3	11	3	4	0	1	0	0	11	3	0	0	0	33	P. Monadnock	6	9	0	0	0	0	0	0	0	0	0	0	0	10					
Fire Island	8	0	0	0	0	0	0	19	40	0	42	10	2	115	Barre Falls	4	7	1	1	0	0	0	1	1	1	0	0	0	13					
Montclair	8	11	5	12	1	0	1	4	28	10	3	1	0	86	Blueberry Hill	5	10	3	0	0	0	0	0	1	0	0	0	0	15					
Picatinny Peak	6	3	5	0	0	0	2	4	32	6	1	0	0	59	Lighthouse Pt	9	55	24	0	0	3	1	4	63	18	1	1	3	203					
Wildcat Ridge	4	3	3	0	0	0	0	1	16	2	1	0	0	38	Boothe Park	2	16	2	11	0	0	0	3	17	3	0	0	1	56					
10/31															Quaker Ridge	8	1	4	5	0	1	1	0	17	1	0	0	0	31					
					MOD	NW		M CLOUDY																										
					HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT																
Harpwell Pen	7	47	14	15	1	0	0	0	4	33	2	0	1	119	Chestnut Ridge	7	7	11	22	0	0	0	0	4	2	0	0	0	52					
Pinnacle Rock	6	17	1	2	0	0	0	3	10	3	0	0	0	42	Bear Mt.	6	21	3	0	0	0	1	0	2	0	0	0	0	27					
Morris Island	3	2	0	6	0	0	0	0	4	2	1	0	1	19	Hook Mt	8	8	5	12	0	0	2	0	11	4	0	0	0	43					
P. Monadnock	8	50	11	1	1	0	2	6	2	0	0	0	0	79	Mt Peter	7	26	0	4	0	0	1	0	4	1	0	0	0	40					
Barre Falls	5	22	8	1	0	0	0	2	5	3	0	1	1	43	Fire Island	7	0	0	0	0	2	0	10	10	2	9	3	2	36					
Blueberry Hill	6	52	4	2	0	0	1	1	7	1	1	0	0	73	Montclair	7	18	12	6	0	0	0	1	7	4	0	0	0	56					
Lighthouse Pt	10	23	11	29	0	0	1	20	179	43	10	6	2	352	Picatinny Peak	6	8	0	0	0	0	1	0	2	0	1	0	0	12					
Boothe Park	4	72	10	48	0	0	0	4	66	7	5	1	0	218	11/10																			
Quaker Ridge	8	8	12	0	1	0	2	5	48	5	3	0	0	100	MOD					N					P CLOUDY									
Chestnut Ridge	7	0	3	7	0	0	0	3	7	1	0	0	0	21	HRS	RT	RS	TV	GE	OS	BE	NH	SS	CH	AK	ML	PG	TOT						
Bear Mt.	7	15	0	0	0	0	4	0	5	0	0	0	0	24	P. Monadnock	5	18	2	0	0	0	4	0	2	0	0	0	0	27					
Hook Mt	6	32	10	20	0	0	3	11	58	8	1	0	2	145	Blueberry Hill	6	5	1	0	0	0	2	0	1	0	0	0	0	10					
Mt Peter	8	154	10	11	2	0	2	4	27	3	1	0	1	220	Lighthouse Pt	9	78	32	3	0	0	1	4	42	38	0	6	6	226					
Summittville	4	149	2	3	2	1	0	1	6	1	0	0	0	166	Quaker Ridge	7	7	15	4	0	0	1	4	23	4	0	3	0	61					

NORTHEAST HAWKWATCH SITES



